



उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल  
**Institute for Excellence in Higher Education, Bhopal**



Office – Kaliasot Dam, Kolar Road, Bhopal - 462016 Tele: (0755) 2492433, 2492460  
E-mail: [iehebhupal@mp.gov.in](mailto:iehebhupal@mp.gov.in), [iehe.iqac2020@gmail.com](mailto:iehe.iqac2020@gmail.com), Website: <https://www.iehe.ac.in>



# Collaborative Activities.



आर.सी.वी.पी. नरोन्हा  
प्रशासन एवं प्रबंधकीय अकादमी, मध्यप्रदेश भोपाल

(ISO 9001 : 2008)



प्रमाण-पत्र

श्री मुख्तार अहमद गनी, मानमेवी शिक्षक, एक्सिलेंस कॉलेज, भोपाल को "केम्ब्रिज असेसमेंट इंग्लिश, केम्ब्रिज यूनिवर्सिटी यू.के. तथा उच्च शिक्षा विभाग म.प्र. के संयुक्त तत्वाधान में आयोजित अंग्रेजी विषय पर प्रशिक्षकों का प्रशिक्षण" कार्यक्रम दिनांक 03/09/2019 से 06/09/2019 में सक्रिय सहभागिता की मान्यता स्वरूप यह प्रमाण पत्र सहर्ष प्रदान किया जाता है।

  
(प्रो. प्रमोद चतुर्वेदी)  
प्रशिक्षण मंचालक

  
(मंजीव सिंह)  
मंचालक

**Collaboration with Pandit Kunjilal Dubey Rashtriya Shodh Sansthan,  
08/02/2018 to 09/02 2018.**

## **पंडित कुंजीलाल दुबे राष्ट्रीय संसदीय विद्यापीठ**

भूतल, विन्ध्याचल भवन, स्टेड बैंड जंक्शन के पास, भोपाल-462004

दूरभाष क्रमांक 0755-2576140/2576141

Email - ~~panditkunjilaldubey@gmail.com~~ and Mrs. \_bpl@hotmail.com

क्रमांक 52/एफ-4/एक/2017-18/तं.वि.

भोपाल, दिनांक 25.1.2018

प्रति,

प्राचार्य,

उच्च शिक्षा उत्कृष्टता संस्थान,

भोपाल

विषय: संसदीय पद्धति एवं प्रक्रिया से संबंधित परिचय के संबंध में।

सन्दर्भ: आपके पत्र क्रमांक 3052 एवं 3051, दिनांक 16.1.2018.

सन्दर्भित पत्र एवं दूरभाष चर्चा के परिणाम में आपके महाविद्यालय के विद्यार्थियों हेतु दिनांक 2-3 एवं 8-9 फरवरी, 2018 को दो-दो दिवसीय दो प्रशिक्षण कार्यक्रम आयोजित किये जा रहे हैं।

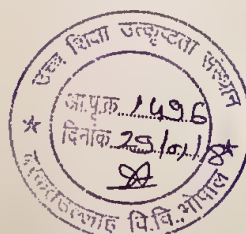
2. कृपया प्रथम बैच (बी.ए. ऑनर्स अंतिम वर्ष) के विद्यार्थियों एवं नामांकित प्राध्यापकों को प्रशिक्षण कार्यक्रम में शामिल होने के लिये दिनांक 2.2.2018 को प्रातः 10.30 बजे तथा द्वितीय बैच (बी.ए. ऑनर्स द्वितीय वर्ष) के विद्यार्थियों एवं नामांकित प्राध्यापकों को प्रशिक्षण कार्यक्रम में शामिल होने के लिये दिनांक 8.2.2018 को प्रातः 10.30 बजे उपरोक्त दर्शित पते पर, संसदीय विद्यापीठ कार्यालय में आवश्यक रूप से उपस्थित होने हेतु निर्देशित करने का कष्ट करें।



( एम.के. राजोरिया )

उप संचालक

*Dr. A. Dashpande*  
*Mh*  
*29/1/18*



**Collaboration with Pandit Kunjilal Dubey Rashtriya Shodh Sansthan,  
26/02/2019 to 27/02/2019.**

प्रपत्र

**शिक्षण संस्था का नाम**

क्रमांक 3480/18-19

दिनांक 06/02/2019

प्रति,

संचालक,  
पंडित कुंजीलाल दुबे राष्ट्रीय संसदीय विद्यापीठ,  
भूतल, विन्ध्याचल भवन,  
भारतीय स्टेट बैंक शाखा के पास,  
भोपाल-462004

विषय -संसदीय पद्धति एवं प्रक्रिया से संबंधित प्रशिक्षण।

संदर्भ -संसदीय विद्यापीठ का पत्र क्रमांक 355/18 दिनांक 4/7/2018  
1-2/10/2018-19 ल.वि.

विषयांकित संदर्भ में इस शिक्षण संस्था द्वारा प्रशिक्षण कार्यक्रम आयोजित करने हेतु जानकारी निम्नानुसार है -

|   |                                                                                     |                                                                                                                           |
|---|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 1 | प्रशिक्षण की तिथि                                                                   | 26, 27 फरवरी 2019                                                                                                         |
| 2 | विद्यार्थियों की संख्या<br>(नाम एवं कक्षा की सूची निर्धारित प्रपत्र में संलग्न है।) | 45<br>(संलग्न) विद्यार्थियों की सूची                                                                                      |
| 3 | दो प्राध्यापकों के नाम, पद एवं मोबाईल क्रमांक                                       | (1) मनीष दुबे, मानसेवी शिक्षक, 9926460057<br>(2) अनु दादुर, मानसेवी शिक्षक, 9952787117                                    |
| 4 | संस्था का दूरभाष क्रमांक एवं ई-मेल एड्रेस                                           | उच्च शिक्षा उत्कृष्टता संस्थान, यशोदा बिहार<br>फ़ोन: कलियाभोत डेज, कोमार रोड, भोपाल<br>0755-2492433, ichebhopal@mp.gov.in |

2. कृपया सहमति प्रदान कर अवगत करावें।

6/2/19  
डॉ. अनीता देशपांडे  
विभागाध्यक्ष (रा.वि.)

डॉ. अनीता देशपांडे  
प्राध्यापक एवं विभागाध्यक्ष (राजनीति विज्ञान)  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

6/2/19  
प्राचार्य के हस्ताक्षर  
सील सहित  
डॉ. जीता लक्खना  
संचालक

DIRECTOR,  
INSTITUTE FOR EXCELLENCE  
IN HIGHER EDUCATION  
BHOPAL-462016.





# SFB

## SPARK FASHION & BOUTIQUE

B-19, AADITYA HOMES, WRIGHT TOWN, JABALPUR (M.P)

CONTACT NO - 6261518236

### To Whom It May Concern

This is to Certify that Ms. Shrishti Raghuwanshi D/o Shri M S Raghuwanshi. A student of INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL(MP) has successfully completed 60 days training from ( 1st June 2019 to 31 st July 2019 ) long internship program at Spark fashion & Boutique. The internship activities include the familiarization to art fashion and boutique work.

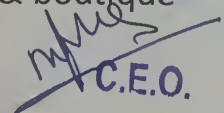
During the Period of her internship Program with us she was found punctual, Hardworking, dedicated.



**SPARK FASHION & BOUTIQUE**  
For Spark Fashion & boutique

Mehak Hengde

C.E.O



C.E.O.

Date-15/08/2019



AGILE CAPITAL SERVICES

## COMPLETION CERTIFICATE

Date: 20 Sep, 2022

This is to certify that  
**Mr. Tanuj Kushwaha**  
has successfully completed his Live Project with project title  
**"Marketing And Financial Strategies"**

Under the guidance of  
**Mr. Chinmay Tiwari**

Project duration  
17 July, 2022 to 17 Aug, 2022

The internship assessment fulfils the stated criteria and student findings are his original work.

We hereby certify his work excellent to the best of my knowledge with an aggregate  
**Grade 96**

Location for internship-  
**New Delhi**

*We wish him all the best for future endeavours.*

Warm Regards



(Authorized Signatory)  
Head HR  
Agile Capital Services Pvt. Ltd.

*Self attested by  
18/11/22*

RG Trade Tower, Netaji Subhash Place, Pitampura, New Delhi- 110034

Email: [info@agilecapitalservices.com](mailto:info@agilecapitalservices.com)

[www.agilecapitalservices.com](http://www.agilecapitalservices.com)

**To whom it may concern**

**Verification letter for student internship**

Student name: Amiksha Bhlavi

Program name: works in boutique

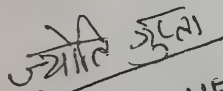
The above matter refers:

We hereby confirm that Ms. Amiksha bhalavi has done the internship in AARNA BOUTIQUE, BHOPAL (M.P) from 10/01/2022 to 12/03/2022.

She has worked on project on designing the dress for summer and accessories (earrings) from the waste fabric. As part of this project, she designed various product by understanding the design brief and promo specification.

We wish her all the best for the future endeavors.

Warm regards.

  
Aarna boutique  
FOR AARNA BOUTIQUE





# Fashion & Marketing CERTIFICATE OF INTERNSHIP COMPLETION

This certificate is presented to

**Amrita Sharma**

For successfully completing her 2-month internship  
Collaborating with the design team to develop ideas for new  
products based on research data.

Presented this March of 2022

For Shefali's

*Pradeep*

Proprietor

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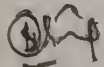
Pradeep Khilwani (owner)

# Vanshika Collection

## *Certificate of completion*

This is to certify that Anjali Pateria of B.A.(Honour) Fashion Designing  
3rd year has successfully completed the internship from 1jan.2022  
to 28 feb 2022 under the guidance of Mr. Deep shekwani.  
We wish him/ her all the best for his /her future.

**Seal & Signature**







# Fashion & Marketing CERTIFICATE OF INTERNSHIP COMPLETION

This certificate is presented to

**Arya Shukla**

For successfully completing her 2-month internship  
Collaborating with the design team to develop ideas for new  
products based on research data.

Presented this March of 2022

For Shefali's

*Pradeep*  
Proprietor

---

Pradeep Khilwani (owner)

# CERTIFICATE OF COMPLETION

This Certifies that

*Ms. Charu Namdeo*

has completed her internship as GRAPHIC DESIGN & DESIGNED LOGO at

NAZAKAT THE BOUTIQUE

Kolar Road Bhopal

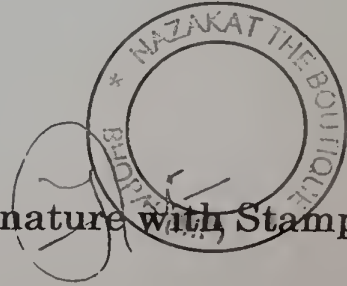
from 01-02-2022 to 04-04-2022.

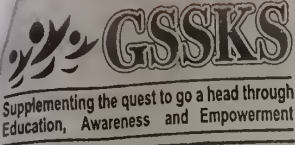
We found her sincere, hardworking, dedicated and result oriented. She worked well as part of the team during her tenure. We wish her all the best for her future endeavor.

07-04-2022

Date of Issue

Signature with Stamp





# GYAN PATH SHIKSHA EVAM SAMAJ KALYAN SAMITI

Sunder Nagar, Chhola Road, Behind Dushehra Maldan, Block Fanda, Bhopal (M.P.) - 462010 Ph.: 0755-4279487, Mob.: 09826366176  
8889937454 E-mail : gyanpathngo.176@gmail.com ishwarchauhan176@gmail.com, website:www.gyanpath.org

Ref. No. H10/G.S.SKS/2022

Date : 04/04/2022

## To whom it may concern

### Verification letter for Students Internship

Student Name: Ms. Falguni Chouhan

Programme Name: Design & Technology Development Workshop (Zari Zardozi Craft).

The Above Matter Refers.

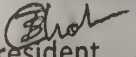
We hereby confirm that Ms. Falguni Chouhan has done her internship in Gyanpath Shiksha Evam Samaj Kalyan Samiti Bhopal (MP) from 05/01/2022 to 05/03/2022.

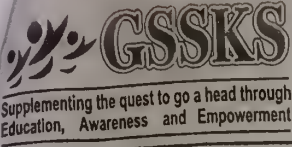
She has worked on a Project on Design & Technology Development Workshop in Zari Zardozi Craft. This project was aimed to develop innovative design for zari zardozi based products. As part of this project she designed various products by understanding the design briefs and promo specification.

During the Internship she demonstrated good design skills with a self-motivated attitude to learn new things. Her performance exceeded expectations and was able to complete the project successfully on time.

We wish her all the best for her future endeavours.

Warm regards,

  
President  
I.S. CHAUHAN  
Gyanpath Shiksha Evam  
Samaj Kalyan Samiti  
Sunder Nagar Road, Bhopal



# GYAN PATH SHIKSHA EVAM SAMAJ KALYAN SAMITI

Sunder Nagar, Chhola Road, Behind Dushehra Maldan, Block Fanda, Bhopal (M.P.) - 462010 Ph.: 0755-4279487, Mob.: 09826366176  
8889937454 E-mail : gyanpathngo.176@gmail.com ishwar Chauhan176@gmail.com, website:www.gyanpath.org

Ref. No. H/0/G.S.SKS/2022

Date : 04/04/2022

## To whom it may concern

### Verification letter for Students Internship

Student Name: Ms. Falguni Chouhan

Programme Name: Design & Technology Development Workshop (Zari Zardozi Craft).

The Above Matter Refers.

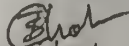
We hereby confirm that Ms. Falguni Chouhan has done her internship in Gyanpath Shiksha Evam Samaj Kalyan Samiti Bhopal (MP) from 05/01/2022 to 05/03/2022.

She has worked on a Project on Design & Technology Development Workshop in Zari Zardozi Craft. This project was aimed to develop innovative design for zari zardozi based products. As part of this project she designed various products by understanding the design briefs and promo specification.

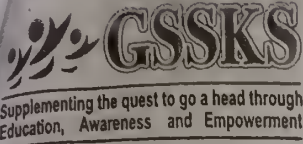
During the internship she demonstrated good design skills with a self-motivated attitude to learn new things. Her performance exceeded expectations and was able to complete the project successfully on time.

We wish her all the best for her future endeavours.

Warm regards,

  
President  
I.S. CHAUHAN  
Gyanpath Shiksha Evam  
Samaj Kalyan Samiti  
Sunder Nagar Road, Bhopal





# GYAN PATH SHIKSHA EVAM SAMAJ KALYAN SAMITI

Sunder Nagar, Chhola Road, Behind Dushehra Maldan, Block Fanda, Bhopal (M.P.) - 462010 Ph.: 0755-4279487, Mob.: 09826366176  
8889937454 E-mail : gyanpathngo.176@gmail.com Ishwarchauhan176@gmail.com, website:www.gyanpath.org

Ref. No. 111/GSSKS/2022

Date 04/04/2022

## To whom it may concern

### Verification letter for Students Internship

Student Name: Ms. Kishita Chourasia

Programme Name: Design & Technology Development Workshop (Zari Zardozi Craft).

The Above Matter Refers.

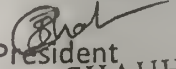
We hereby confirm that Ms. Kishita Chourasia has done her internship in Gyanpath Shiksha Evam Samaj Kalyan Samiti Bhopal (MP) from 05/01/2022 to 05/03/2022.

She has worked on a Project on Design & Technology Development Workshop in Zari Zardozi Craft. This project was aimed to develop innovative design for zari zardozi based products. As part of this project she designed various products by understanding the design briefs and promo specification.

During the internship she demonstrated good design skills with a self-motivated attitude to learn new things. Her performance exceeded expectations and was able to complete the project successfully on time.

We wish her all the best for her future endeavours.

Warm regards,

  
President  
IS CHAUHAN  
Gyanpath Shiksha Evam  
Samaj Kalyan Samiti  
Sunder Nagar Road, Bhopal



# CERTIFICATE

## OF COMPLETION

THIS CERTIFIES THAT

\_\_\_\_\_MANPREET KAUR\_\_\_\_\_

Has Completed his/her Internship at our Boutique

from 01/02/2022 to 02/04/2022

We found him/her sincere, hardworking, dedicated and result oriented.

She/he worked well as part of the team during his/her tenure.

We take this opportunity to thanks him/her and wish him/her all the best for his/her future.

03/04/2022  
DATE

Richa  
SIGNATURE

# *Stitch in Style*

Tasneem Saify Designer Lounge

## *Certificate of Internship*

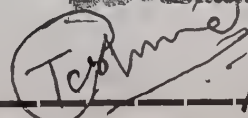
This is to Certify That

Nakiya Hussain

was in our Boutique as an intern  
from 04 January to 05 March 2022,  
in the design department.

02 April 2022

Date

*Stitch in Style*  
  
Proprietor

Signature





# Fashion & Marketing CERTIFICATE OF INTERNSHIP COMPLETION

This certificate is presented to

**Pakhi Sharma**

For successfully completing her 2-month internship  
Collaborating with the design team to develop ideas for new  
products based on research data.

Presented this March of 2022

For Shefali's

*Pradeep*  
Proprietor

---

Pradeep Khilwani (owner)



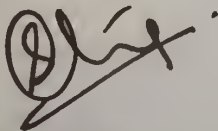
# Vanshika Collection

## *Certificate of completion*

This is to certify that Sakshi Kukreja of B.A.(Honour) Fashion Designing  
3rd year has successfully completed the internship from 1jan.2022  
to 28 feb 2022 under the guidance of Mr. Deep shekwani.

We wish him/ her all the best for his /her future.

**Seal & Signature**

A handwritten signature in black ink, appearing to be 'Dish', is written over a faint, circular embossed seal.



# CERTIFICATE

## OF COMPLETION

THIS CERTIFIES THAT

SAKSHI KUMAR

Has Completed his/her Internship at our Boutique  
from 01-02-2022 to 01-04-2022

We found him/her sincere, hardworking, dedicated and result oriented.

She/he worked well as part of the team during his/her tenure.

We take this opportunity to thanks him/her and wish him/her all the best for his/her future.

01-04-2022

DATE

Pooja Jain

SIGNATURE

For Shine Boutique



# CERTIFICATE

OF COMPLETION

IS PRESENTED TO :

Saniya Beig

Appreciation of her work as a trainee (intern) under the leadership of  
**Khushi designer Studio** from 15th March 2022 to 15th May 2022

KHUSHEE BOUTIQUE

Vinita Batham  
Proprietor

**Vinita Batham**  
DESIGNER

Address- mandakini colony, kolar road bhopal Email-Vinita.batham@gmail.com

9926884419



# CERTIFICATE OF COMPLETION

This Certifies that

*Ms. Sheetal Karoriya*

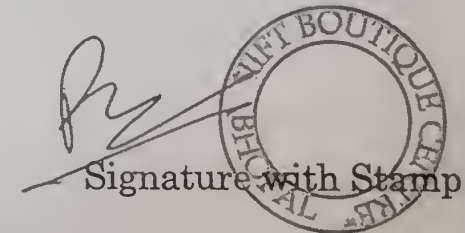
has completed her internship at

IIFT Boutique Centre  
Plot No. 170, Zone-II, MP Nagar, Bhopal,

from 01-01-2022 to 03-03-2022.

We found her sincere, hardworking, dedicated and result oriented. She worked well as part of the team during her tenure. We wish her all the best for her future endeavor.

07-03-2022  
Date of Issue

  
Signature with Stamp



# EleGanZ

## CERTIFICATE of Internship

This Certificate is proudly presented to

Shivani Noriya

In appreciation for your successful work as an Intern at **EleGanZ Garment Store** As a Fashion Designer. The internship was conducted between 1<sup>st</sup> Feb to 31<sup>st</sup> march-2022.

Date 1 April 2022

Director

*Sunny*

**EleGanZ**  
A Complete Garments Store  
G-1, G.M. Tower, E-4,  
10 No. Market, Arera Colony  
Chandigarh



www.cpit.in

**CPIT Edutech Pvt. Ltd.**

**CPIT** Skills Education  
We Create skilled youths & Entrepreneurs...

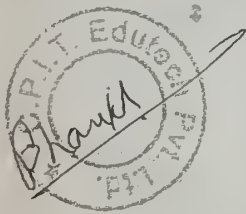
## LETTER OF TRAINING

DATE-08-04-2022

This is to certify that Ms. **Shivansi Raikwar** is undergoing her skill development training under **DAY NULM PROJECT** in the discipline of **APPAREL** course in our institution. The duration of this training is from 01-01-2022 to 15-05-2022.

Her character and conduct are quite satisfactory.

During the period of her assignment, we found her sincere, hardworking and a keen learner.



**Authorised Signatory**

**CPITEDUTECH PVT. LTD..**

**BHOPAL MP**



# CERTIFICATE

OF COMPLETION

IS PRESENTED TO:

Uzusha Khan

Appreciation of her work as a trainee (intern) under the leadership of  
**Khushi designer Studio** from 15th March 2022 to 15th May 2022

KHUSHEE BOUTIQUE

Proprietor

**Vinita Batham**  
DESIGNER

Address- mandakini colony, kolar road bhopal Email-Vinita.batham@gmail.com

Mob no-9926884419

**Gaura Joshi Nenwani**

Craft Textile Designer



Contact:

Ph: +91 97551 80430

E-mail: studiogaura@gmail.com

Address: Madhya Bharat  
House, 3rd Floor,  
68 Malviya Nagar, Bhopal

## To Whomever It May Concern

This is to certify that **Ms. Amatulla Saify** has successfully completed her training/internship program at **Studio Gaura** in Hand Block Printing for a period of 2 months from 21st May to 22nd July. 2019

During this period, she has portrayed creativity and potential with sincerity and hard work.

We wish her all the luck for future.

Regards,  
**Gaura Joshi**

**Owner, Director**

Textile Design Studio  
68, Malviya Nagar, Madhya  
Bharat House, 3rd Floor,  
New Market, Bhopal  
studiogaura@gmail.com



**Gaura Joshi Nenwani**

Craft Textile Designer



Contact:

Ph: +91 97551 80430

E-mail: studiogaura@gmail.com

Address: Madhya Bharat  
House, 3rd Floor,  
68 Malviya Nagar, Bhopal

To Whomever It May Concern

This is to certify that Ms. Zahra Hussain has successfully completed her training/internship program at Studio Gaura in Hand Block Printing for a period of 2 months from 21st May to 22nd July. 2019

During this period, she has portrayed creativity and potential with sincerity and hard work.

We wish her all the luck for future.

Regards,  
Gaura Joshi

  
Owner Director  
68, Malviya Nagar, Madhya  
Bharat House, Bhopal  
New Market, Bhopal  
studiogaura@gmail.com

**Gaura Joshi Nenwani**

Craft Textile Designer

**gaura**  
Textile Design Studio

Contact:

Ph: +91 97551 80430

E-mail: [studiogaura@gmail.com](mailto:studiogaura@gmail.com)

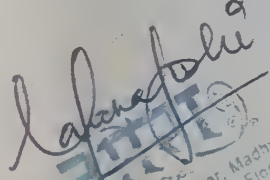
Address: Madhya Bharat  
House, 3rd Floor,  
68 Malviya Nagar, Bhopal

To Whomever It May Concern

This is to certify that Ms. Sejal Agrawal  
has successfully completed her training/internship program at Studio Gaura  
in Hand Block Printing for a period of 2 months from 21st May to 22nd July. 2019  
During this period, she has portrayed creativity and potential with sincerity  
and hard work.  
We wish her all the luck for future.

Regards,

Gaura Joshi

  
Owner, Director  
Madhya Nagar, Madhya  
House, 3rd Floor,  
New Bhopal  
[studiogaura@gmail.com](mailto:studiogaura@gmail.com)

**Gaura Joshi Nenwani**

Craft Textile Designer



Contact:

Ph: +91 97551 80430

E-mail: [studiogaura@gmail.com](mailto:studiogaura@gmail.com)

Address: Madhya Bharat  
House, 3rd Floor,  
68 Malviya Nagar, Bhopal

To Whomever It May Concern

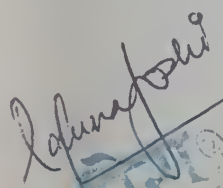
This is to certify that Ms. Dakshta Verma  
has successfully completed her training/internship program at Studio  
Gaura in Hand Block Printing for a period of 2 months from 21st May to  
22nd July 2019

During this period, she has portrayed creativity and potential with  
sincerity and hard work.

We wish her all the luck for future.

Regards,

Gaura Joshi

  
Owner, Director  
68 Malviya Nagar, Madhya  
House, 3rd Floor,  
Bhopal  
[studiogaura@gmail.com](mailto:studiogaura@gmail.com)

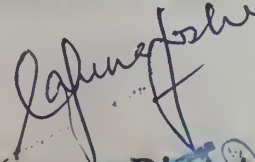
## To Whomever It May Concern

This is to certify that **Ms. Sarrah Tyrewala** has successfully completed her training/internship program at **Studio Gaura** in Hand Block Printing for a period of 2 months from 21st May to 22nd July. 2019.

During this period, she has portrayed creativity and potential with sincerity and hard work.

We wish her all the luck for future.

Regards,  
**Gaura Joshi**

  
**Owner, Director**

  
Textile Design Studio  
68, Malviya Nagar, Madhya  
Bharat House, 3rd Floor,  
New Market, Bhopal  
[studiogaura@gmail.com](mailto:studiogaura@gmail.com)





**INVENTROPE  
TECHNOLOGIES**



+91-9893706461, 8109919095



www.inventrope.com



Goyal Duplex - 8, G3, Gulmohar  
Colony, E8, Bhopal (MP) - 462039

Date : 03/01/2020

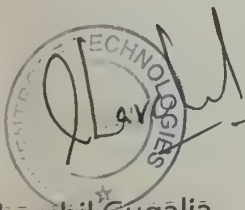
TO WHOMSOEVER IT MAY CONCERN

Inventrope Technologies certifies that Ms. Vani Pandya successfully completed the AutoCAD training and internship program from December 1, 2019 to December 31, 2019 at our office.

During this time, she worked on basic drawing and editing, precision design, and editing existing designs based on different criteria.

Ms Vani displayed professional traits during her training and managed to complete all assigned tasks as requested. She was hardworking, dedicated, and committed. It was a pleasure having her with us in this short period.

For Inventrope Technologies,



Charchil Gugalia  
Partner

Name: Niharika Singh

Subject: Internship joining letter

Dear Niharika ,

This is to inform you that your request to join our company M/s.Vero Moda Retail Pvt. Ltd has been duly accepted commencing from 15<sup>th</sup> December 2018 till 31<sup>st</sup> January, 2019.

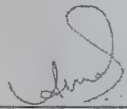
You can co-ordinate with Ms. Rashmi Saini before your joining.

The organization will pay you a stipend of INR 2000 pm for the entire duration of internship.

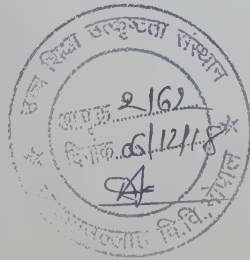
Please read and sign the terms mentioned in the attached annexure, to confirm your acceptance

Best Regards,

For. Vero Moda Retail Pvt. Ltd.

  
Amar Nagane

Dr. Jatin  
M.P. -  
6-12-18



**VERO MODA RETAIL PRIVATE LIMITED**

Registered Office: The Lalit Residency, 4<sup>th</sup> Floor, The Lalit Mumbai, Sahar Airport Road, Sahar, Andheri (E), Mumbai- 400 059  
Tel. No. 022- 66 48 9000 / 61747600  
(CIN: U52100MH2015FTC269222)

VERO MODA'

Name: Mrunal Varavdekar

Subject: Internship joining letter

Dear Mrunal,

This is to inform you that your request to join our company M/s.Vero Moda Retail Pvt. Ltd has been duly accepted commencing from 15<sup>th</sup> December 2018 till 31<sup>st</sup> January, 2019.

You can co-ordinate with Ms. Rashmi Saini before your joining.

The organization will pay you a stipend of INR 2000 pm for the entire duration of internship.

Please read and sign the terms mentioned in the attached annexure, to confirm your acceptance

Best Regards,

For. Vero Moda Retail Pvt. Ltd.



Amar Nagane

Dr. Jain  
MP. H.  
6.12.18



**VERO MODA RETAIL PRIVATE LIMITED**

Registered Office: The Lalit Residency, 4<sup>th</sup> Floor, The Lalit Mumbai, Sahar Airport Road, Sahar, Andheri (E), Mumbai- 400 059  
Tel. No. 022- 66 48 9000 / 61747600  
(CIN: U52100MH2015FTC269222)

# Crossroads Clothing Pvt. Ltd.

Registered Office: Chhatrapati, Mayapuri, Bhopal, Madhya Pradesh, Bicholi Matana, INDORE - 452 015 Phone: 0731-2847780, 2847790  
E-mail: ccpl\_2011@yahoo.com

CCPL/IRM/2018

DATE: 21/02/2018

## TO WHOM SO EVER IT MAY CONCERN

It is to Certified that Ms. Bhavana Tayade D/O Mr. Umakant Tayade has successfully completed industrial training on her request at Crossroads Clothing Pvt. Ltd. From 22.01.2018 to 21.02.2018.

We wish her all the best for future endeavor

Crossroads Clothing Pvt. Ltd.



Signature





(Shrimati Jewellery House Pvt. Ltd.)

E-5/17 Bittan Market, Infront of Petrol Pump, Arera Colony, Bhopal Ph.: 0755-4222226

Ref. ....

Date... 4/1/2018

4<sup>th</sup> Jan 2018

To,  
Ms. Pratha Deshbhratar

Subject : - Official letter for Commencement of internship  
w.e.f. 4 Jan 2018.

Pratha ,

I am pleased to inform you that based on your interview and profile , We have selected you as a fashion intern to work with us. The internship module will be of 1 Month ( 30 Days ) and will be pay 5000/- as stipend .

The incentives will be official certificate and LOR from the company . Looking forward to a positive and fruitful time together .

Regards

Shrimati Saree Mall

For Shrimati Jewellery House Pvt. Ltd.

  
Director

**Deepak Jain (Capt.)**

Director : ♦Bhopal Chamber of Commerce  
♦Bhopal Stock Exchange Association  
M.: 9826186828

29/12/2017

Ms. Avani Badkur

INTERNSHIP OFFER LETTER

Dear AVANI ,

MONTE CARLO is pleased to offer you an internship opportunity as a designing intern. You will report directly to Deepak Jain.

As you will be receiving academic credit for this position, you will not be paid (or, if hourly wage is provided, include those details). Additionally, students do not receive benefits as part of their internship program.

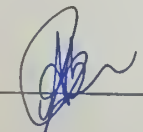
For this position, your major duties will include Visual Merchandising and Market Research. Your schedule will be approximately 5-6 hours per week beginning 02/01/2018. Your assignment will conclude on 27/02/2018.

Please review, sign and return via email/call  
Congratulations and welcome to team!

Sincerely,  
**For CARRON**

  
Prop. Manager  
Deepak Jain  
Sr. Manager

I accept the above offer, and will begin on: 02/01/2018

 \_\_\_\_\_ 02/01/18  
Signature Date

**MONTE CARLO**  
EXCLUSIVE SHOWROOM

♦ PAWAN SON'S 23, Loha Bazar Bhopal M. : 9826571109 ♦ CARRON S/6, GTB Complex, T.T. Nagar, Bhopal Ph. : 0755- 2556662  
♦ COTTON COUNTRY LTD. Loha Bazar, Bhopal Ph. : 0755-4064475 ♦ JAINISM F-34, DB Mall, M.P. Nagar, Bhopal Ph 0755-2514399





उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

**Institute for Excellence in Higher Education, Bhopal**

NAAC re-accredited 'A' Grade Institute

A  
GRADED  
INSTITUTE

Office — Kaliasot Dam, Kolar Road, Bhopal-462016 Tele: (0755) 2492433, 2492460

E-mail: [iehebp1@bsnl.in](mailto:iehebp1@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 475/19-20

Date 17/5/2019

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: SANDHYA KUSHWAHA**

**STUDENTS ROLL NO: 317165**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms SANDHYA KUSHWAHA is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2020. As a part of the programme requirements, the students are required to undergo for 60 days mandatory internship from 20<sup>th</sup> May 2019 onwards. Therefore, this institute would like to have your kind consideration to have Ms. SANDHYA KUSHWAHA as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

  
Dr. Renu Jain  
(HOD Fashion Design)

  
Dr. Geeta Jain  
(Director)  
**DIRECTOR**  
**INSTITUTE FOR EXCELLENCE**  
**IN HIGHER EDUCATION**  
BHOPAL-462016





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S. J. A. D.  
INSTITUTE

Office — Kaliasot Dam, Kolar Road, Bhopal-462016 Tele: (0755) 2492433, 2492440

E-mail: [iehebpl@bsnl.in](mailto:iehebpl@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 476/19-20

Date: 17/05/19

To whom it may concern,

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: SARRAH TYREWALA**

**STUDENTS ROLL NO: 317166**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms SARRAH TYREWALA is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal. The programme is expected to complete in May 2020. As a part of the programme requirement, students are required to undergo for 60 days mandatory internship from 20<sup>th</sup> May 2019 onwards. Therefore, this institute would like to have your kind consideration to hire Ms. SARRAH TYREWALA as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

Dr. Renu Jain  
(HOD Fashion Design)

Dr. Geeta Shrivastava  
DIRECTOR  
INSTITUTE FOR EXCELLENCE  
IN HIGHER EDUCATION  
BHO. 462016



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E-mail: [iehebp1@bsnl.in](mailto:iehebp1@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 477/19-20

Date: 17/05/2019

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: SAKSHI CHOURASIA**

**STUDENTS ROLL NO: 317164**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms SAKSHI CHOURASIA is currently a full time student in B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal. (M.P.) programme is expected to complete in May 2020. As a part of the programme requirements, students are required to undergo for 60 days mandatory internship from 20<sup>th</sup> May 2019 onward. Therefore, this institute would like to have your kind consideration to hire Ms. SAKSHI CHOURASIA as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashionsdesign@gmail.com](mailto:hodfashionsdesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

  
Dr. Renu Jain  
(HOD Fashion Design)

  
Dr. Geeta S. Verma  
(HOD Fashion Design)  
Institution for Excellence in Higher Education  
Bhopal



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Ref No: 478/19-20

Date: 17/05/2017

To whom it may concern,

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: PRAGATI GURJAR**

**STUDENTS ROLL NO: 317163**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms PRAGATI GURJAR is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2020. As a part of the programme requirements, the students are required to undergo for 60 days mandatory internship from 20<sup>th</sup> May 2019 onwards. Therefore, this institute would like to have your kind consideration to hire Ms. PRAGATI GURJAR as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

I thank you for your kind attention.

Dr. Renu Jain  
(HOD Fashion Design)

Dr. Geeta Sarda

(Director)



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Grade  
Institute

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E-mail: [iehebpl@bsnl.in](mailto:iehebpl@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 679/19-20

Date: 17/05/2019

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

STUDENT NAME: NISHA GEHLOT  
STUDENTS ROLL NO: 317162  
PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.

The above matter refers.

We hereby confirm that Ms NISHA GEHLOT is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P.). The programme is expected to complete in May 2020. As a part of the programme requirements, the students are required to undergo for 60 days mandatory internship from 20<sup>th</sup> May 2019 onwards. Therefore, this institute would like to have your kind consideration to hire Ms NISHA GEHLOT as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

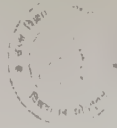
Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))  
Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

Dr. Renu Jain  
(HOD Fashion Design)

Dr. Geeta Khandelwal  
(Principal)





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E-mail: [iehebpl@bsnl.in](mailto:iehebpl@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 480/19-20

Date 17/05/2019

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

STUDENT NAME: NIMISHA NAYAK  
STUDENTS ROLL NO: 317161  
PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.

The above matter refers.

We hereby confirm that Ms NIMISHA NAYAK is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal. The programme is expected to complete in May 2020. As a part of the programme requirements, the students are required to undergo for 60 days mandatory internship from 20<sup>th</sup> May 2019 onwards. Therefore, this institute would like to have your kind consideration to hire Ms. NIMISHA NAYAK as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))  
Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

I thank you for your kind attention.

  
Dr. Renu Jain  
(HOD Fashion Design)

  
Dr. Geeta Saxena  
DIRECTOR,  
INSTITUTE FOR EXCELLENCE  
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E-mail: [iehebpl@bsnl.in](mailto:iehebpl@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 48/19-20

Date 17/05/2019

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: MANSI SISODIA**

**STUDENTS ROLL NO: 317160**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

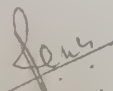
We hereby confirm that Ms MANSI SISODIA is currently a full time student of B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal. The programme is expected to complete in May 2020. As a part of the programme requirements, the students are required to undergo for 60 days mandatory internship from 20<sup>th</sup> May 2019 onwards. Therefore, this institute would like to have your kind consideration to have MANSI SISODIA as intern in your esteemed company for the period stipulated above.

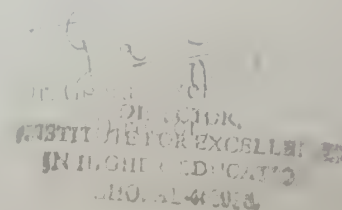
Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

  
Dr. Renu Jain  
(HOD Fashion Design)





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E-mail: [iehebpl@bsnl.in](mailto:iehebpl@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 482/19-20

Date: 17/05/2019

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: MANSI AGRAWAL**

**STUDENTS ROLL NO: 317159**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms MANSI AGRAWAL is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal. The programme is expected to complete in May 2020. As a part of the programme requirement, the students are required to undergo for 60 days mandatory internship from 20<sup>th</sup> May 2019 onwards. Therefore, this institute would like to have your kind consideration to hire Ms. MANSI AGRAWAL as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesigning@gmail.com](mailto:hodfashiondesigning@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

Dr. Renu Jain  
(HOD Fashion Design)

Dr. Geeta Chandra

(HOD Fashion Design)

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Bhopal  
1



उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल  
**Institute for Excellence in Higher Education, Bhopal**  
NAAC re-accredited 'A' Grade Institute

Office — Kaliasot Dam, Kolar Road, Bhopal-462016 Tele: (0755) 2492433, 2492440

E-mail: [iehebpl@bsnl.in](mailto:iehebpl@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 483/19-20

Date 27/05/2019

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: KRITI PANDEY**

**STUDENTS ROLL NO: 317158**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms KRITI PANDEY is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal. The programme is expected to complete in May 2020. As a part of the programme requirement, the students are required to undergo for 60 days mandatory internship from 20<sup>th</sup> May 2019 onwards. Therefore, this institute would like to have your kind consideration to hire MS KRITI PANDEY as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

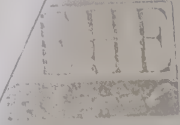
Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

Dr. Renu Jain  
(HOD Fashion Design)





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E-mail: [iehebpl@bsnl.in](mailto:iehebpl@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 484/19-20

Date 17/05/2019

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: KOMAL PANDEY**

**STUDENTS ROLL NO: 317157**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms KOMAL PANDEY is currently a full time student (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal. programme is expected to complete in May 2020. As a part of the programme requirement, students are required to undergo for 60 days mandatory internship from 20<sup>th</sup> May 2019. Therefore, this institute would like to have your kind consideration to have PANDEY as intern in your esteemed company for the period stipulated above.

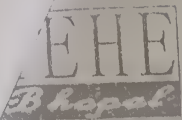
Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

  
Dr. Renu Jain  
(HOD Fashion Design)



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Ref No: 485/19-20

Date 17/05/2019

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

STUDENT NAME: HARSHITA VERMA  
STUDENTS ROLL NO: 317156  
PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.

The above matter refers.

We hereby confirm that Ms HARSHITA VERMA is currently a full time student of B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal. The programme is expected to complete in May 2020. As a part of the programme requirements, the students are required to undergo for 60 days mandatory internship from 20<sup>th</sup> May 2019 onwards. Therefore, this institute would like to have your kind consideration to hire Ms. HARSHITA VERMA as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))  
Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

Dr. Renu Jain  
(HOD Fashion Design)

Dr. Geeta Jain  
(Director)  
**INSTITUTE FOR EXCELLENCE  
IN HIGHER EDUCATION  
BHOPAL-462016**



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E-mail: [iehebpl@bsnl.in](mailto:iehebpl@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 486/19-20

Date 17/05/2019

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

STUDENT NAME: GEETANJALI DWIVEDI  
STUDENTS ROLL NO: 317155  
PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.

The above matter refers.

We hereby confirm that Ms GEETANJALI DWIVEDI is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2020. As a part of the programme requirements, the students are required to undergo for 60 days mandatory internship from 20 May 2019 onwards. Therefore, this institute would like to have your kind consideration to hire Ms. GEETANJALI DWIVEDI as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

Dr. Renu Jain  
(HOD Fashion Design)

Dr. Geeta Dwivedi  
(Director)  
INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION  
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E-mail: [iehebp1@bsnl.in](mailto:iehebp1@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 487/19-20

Date: 17/05/2019

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: DAKSHTA VERMA**

**STUDENTS ROLL NO: 317154**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms DAKSHTA VERMA is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2020. As a part of the programme requirements, the students are required to undergo for 60 days mandatory internship from 20<sup>th</sup> May 2019 onwards. Therefore, this institute would like to have your kind consideration to hire Ms. DAKSHTA VERMA as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

Dr. Renu Jain  
(HOD Fashion Design)

Dr. Geeta Saxena  
(Director)





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Ref No: 488/19-20

Date 14/05/2019

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: AMATULLA SAIFY**

**STUDENTS ROLL NO: 317151**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms AMATULLA SAIFY is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2020. As a part of the programme requirements the students are required to undergo for 60 days mandatory internship from 20<sup>th</sup> May 2019 onwards. Therefore, this institute would like to have your kind consideration to hire Ms AMATULLA SAIFY as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

Dr. Renu Jain  
(HOD Fashion Design)

Dr. Geeta Saini  
(Director)



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E-mail: [iehebp@bsnl.in](mailto:iehebp@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No:

Date:

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: ANUSHKA PARASHAR**

**STUDENTS ROLL NO: 317153**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms ANUSHKA PARASHAR is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2020. As a part of the programme requirements, the students are required to undergo for 60 days mandatory internship from 20<sup>th</sup> May 2019 onwards. Therefore, this institute would like to have your kind consideration to hire Ms. ANUSHKA PARASHAR as intern in your esteemed company for the period mentioned above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

I thank you for your kind attention.

Dr. Renu Jain  
(HOD Fashion Design)

Dr. Geeta Sikaria  
(Director)



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Ref No: 2933/18-19

Date: 13.Dec.2018

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: NEELU**

**STUDENTS ROLL NO: 316157**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms. NEELU is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2019. As a part of the programme requirements, the students are required to undergo for 30/45 days mandatory internship from 15<sup>th</sup> Dec 2018 to 31<sup>st</sup> Jan 2019. Therefore, this institute would like to have your kind consideration to hire Ms. Neelu as intern in your esteemed company for the period stipulated above.

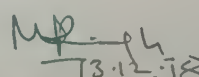
Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

  
Dr. Renu Jain  
(HOD Fashion Design)

  
Dr. Meera Pingle  
(Director)  
DIRECTOR,  
INSTITUTE FOR EXCELLENCE  
IN HIGHER EDUCATION  
Bhopal-462016.



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E-mail: [iehebpl@bsnl.in](mailto:iehebpl@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 293 0/18-19

Date: 13.Dec.2018

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: MAHAK AGRAWAL**

**STUDENTS ROLL NO: 316154**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms. **MAHAK AGRAWAL**. is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2019. As a part of the programme requirements, the students are required to undergo for 30/45 days mandatory internship from 15<sup>th</sup> Dec 2018 to 31<sup>st</sup> Jan 2019. Therefore, this institute would like to have your kind consideration to hire Ms.Mahak Agrawal as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

Dr. Renu Jain  
(HOD Fashion Design)

Dr. Meera Pingle  
(Director)

**DIRECTOR,**  
**INSTITUTE FOR EXCELLENCE**  
**IN HIGHER EDUCATION**  
Bhopal-462016.





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Ref No: 231/18-19

Date: 13.Dec.2018

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: MAHAK JAIN**

**STUDENTS ROLL NO: 316155**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms. **MAHAK JAIN**. is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2019. As a part of the programme requirements, the students are required to undergo for 30/45 days mandatory internship from 15<sup>th</sup> Dec 2018 to 31<sup>st</sup> Jan 2019. Therefore, this institute would like to have your kind consideration to hire Ms.Mahak Jain as intern in your esteemed company for the period stipulated above.

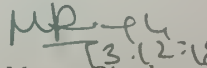
Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

  
Dr. Renu Jain  
(HOD Fashion Design)

  
Dr. Meera Pingle  
(Director)  
DIRECTOR,  
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Bhopal.



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**Bhopal**

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Ref No: 2935/18-19

Date: 13.Dec.2018

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: SHAIMA JAMEEL SIDDIQUI**

**STUDENTS ROLL NO: 316160**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms. **SHAIMA JAMEEL SIDDIQUI** is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2019. As a part of the programme requirements, the students are required to undergo for 30/45 days mandatory internship from 15<sup>th</sup> Dec 2018 to 31<sup>st</sup> Jan 2019. Therefore, this institute would like to have your kind consideration to hire Ms. Shaima Jameel Siddiqui as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

Dr. Renu Jain  
(HOD Fashion Design)

MP-14  
13.12.18

Dr. Meera Pingle  
(Director)

**DIRECTOR,**  
**INSTITUTE FOR EXCELLENCE**  
**IN HIGHER EDUCATION**  
BHOPAL-462016.

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E-mail: [iehebpl@bsnl.in](mailto:iehebpl@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 2934/18-19

Date: 13.Dec.2018

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: NIKITA SINGH**

**STUDENTS ROLL NO: 316159**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

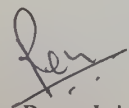
We hereby confirm that Ms. **NIKITA SINGH** is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2019. As a part of the programme requirements, the students are required to undergo for 30/45 days mandatory internship from 15<sup>th</sup> Dec 2018 to 31<sup>st</sup> Jan 2019. Therefore, this institute would like to have your kind consideration to hire Ms. Nikita Singh as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

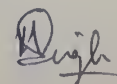
Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

  
Dr. Renu Jain  
(HOD Fashion Design)

  
Dr. Meera Pingle  
(Director)  
DIRECTOR,  
INSTITUTE FOR EXCELLENCE  
IN HIGHER EDUCATION  
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E-mail: [iehebpl@bsnl.in](mailto:iehebpl@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 2932/18-19

Date: 13.Dec.2018

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: MRUNAL VARAVDEKAR**

**STUDENTS ROLL NO: 316156**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms. **MRUNAL VARAVDEKAR**. is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2019. As a part of the programme requirements, the students are required to undergo for 30/45 days mandatory internship from 15<sup>th</sup> Dec 2018 to 31<sup>st</sup> Jan 2019. Therefore, this institute would like to have your kind consideration to hire Ms.Mrunal Varavdekar as intern in your esteemed company for the period stipulated above.

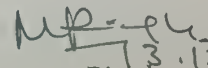
Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

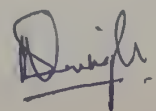
Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

  
Dr. Renu Jain  
(HOD Fashion Design)

  
Dr. Meera Pingle  
(Director)  
DIRECTOR,  
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Ref No: 2928/18-19

Date: 13.Dec.2018

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: BHAGVATI GHIMIRE**

**STUDENTS ROLL NO: 316151**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

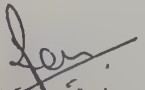
We hereby confirm that Ms. **BHAGVATI GHIMIRE**. is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2019. As a part of the programme requirements, the students are required to undergo for 30/45 days mandatory internship from 15<sup>th</sup> Dec 2018 to 31<sup>st</sup> Jan 2019. Therefore, this institute would like to have your kind consideration to hire Ms.Bhagvati Ghimire as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

  
Dr. Renu Jain  
(HOD Fashion Design)

  
Dr. Meera Pingle  
(Director)  
DIRECTOR,  
INSTITUTE FOR EXCELLENCE  
IN HIGHER EDUCATION  
Bhopal-462016



**IEHE**  
Bhopal

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**Institute for Excellence in Higher Education, Bhopal**

NAAC re-accredited 'A' Grade Institute



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E-mail: [iehebp1@bsnl.in](mailto:iehebp1@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 2929/18-19

Date: 13.Dec.2018

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: NIHARIKA SINGH**

**STUDENTS ROLL NO: 316158**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms. **NIHARIKA SINGH** is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2019. As a part of the programme requirements, the students are required to undergo for 30/45 days mandatory internship from 15<sup>th</sup> Dec 2018 to 31<sup>st</sup> Jan 2019. Therefore, this institute would like to have your kind consideration to hire Ms. Niharika Singh as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

Dr. Renu Jain  
(HOD Fashion Design)

Dr. Meera Pingle  
(Director)

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Ref No: 2936/18-19

Date: 13.Dec.2018

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: CHARU RAMCHANDANI**

**STUDENTS ROLL NO: 316152**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms. CHARU RAMCHANDANI. is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2019. As a part of the programme requirements, the students are required to undergo for 30/45 days mandatory internship from 15<sup>th</sup> Dec 2018 to 31<sup>st</sup> Jan 2019. Therefore, this institute would like to have your kind consideration to hire Ms.Charu Ramchandani as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

Dr. Renu Jain  
(HOD Fashion Design)

Dr. Meera Pingle  
(Director)

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Bhopal

Received in Original



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E-mail: [iehebpl@bsnl.in](mailto:iehebpl@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 472/19-20

Date 17/05/2019

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

STUDENT NAME: SWATI JAMBHULKAR  
STUDENTS ROLL NO: 317169  
PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.

The above matter refers.

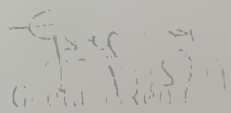
We hereby confirm that Ms. SWATI JAMBHULKAR is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2020. As a part of the programme requirements, the students are required to undergo for 60 days mandatory internship from 21 May 2019 onwards. Therefore, this institute would like to have your kind consideration to hire Ms. SWATI JAMBHULKAR as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesigning@gmail.com](mailto:hodfashiondesigning@gmail.com))  
Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

I thank you for your kind attention.

  
Dr. Renu Jain  
(HOD Fashion Design)

  
Dr. G. P. Singh  
(DIRECTOR)  
INSTITUTE FOR EXCELLENCE  
IN HIGHER EDUCATION  
BHOPAL-462016





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INSTITUTE

Office — Kaliasot Dam, Kolar Road, Bhopal-462016 Tele: (0755) 2492433, 2492406

E-mail: [iehebpl@bsnl.in](mailto:iehebpl@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 473/15-20

Date: 17/05/2019

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: SHRISHTI RAGHUVANSHI**

**STUDENTS ROLL NO: 317168**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms. SHRISHTI RAGHUVANSHI is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2020. As a part of the programme requirements, the students are required to undergo for 60 days mandatory internship from 20<sup>th</sup> May 2019 onwards. Therefore, this institute would like to have your kind consideration to have Ms. SHRISHTI RAGHUVANSHI as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

Dr. Renu Jain  
(HOD Fashion Design)

Dr. Geeta V. Jain  
(HOD Fashion Design)  
INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION  
Bhopal, M.P.



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E-mail: [iehebp1@bsnl.in](mailto:iehebp1@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 470/19-20

Date: 17/05/2019

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: ZAHRA HUSSAIN**

**STUDENTS ROLL NO: 317171**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

We hereby confirm that Ms. ZAHRA HUSSAIN is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal (M.P). The programme is expected to complete in May 2020. As a part of the programme requirements, the students are required to undergo for 60 days mandatory internship from 20<sup>th</sup> May 2019 onwards. Therefore, this institute would like to have your kind consideration to hire MS. ZAHRA HUSSAIN as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smriti Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

Dr. Renu Jain  
(HOD Fashion Design)

**DIRECTOR,**  
**INSTITUTE FOR EXCELLENCE**  
**IN HIGHER EDUCATION**  
**BHOPAL-462016**



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E-mail: [iehebpl@bsnl.in](mailto:iehebpl@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No: 47/19-20

Date 17/05/2019

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME: VANI PANDYA**

**STUDENTS ROLL NO: 317170**

**PROGRAMME: BACHELOR OF ARTS (Honours) Fashion Designing.**

The above matter refers.

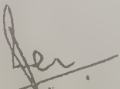
We hereby confirm that Ms. VANI PANDYA is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education Bhopal (V.I.E.H.E). The programme is expected to complete in May 2020. As a part of the programme requirement, all students are required to undergo for 60 days mandatory internship from 20<sup>th</sup> May 2019 onwards. Therefore, this institute would like to have your kind consideration to hire Ms. VANI PANDYA as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashionsdesign@gmail.com](mailto:hodfashionsdesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

  
Dr. Renu Jain  
(HOD Fashion Design)

  
Dr. Geeta  
DIRECTOR  
INSTITUTE FOR EXCELLENCE  
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E-mail: [iehebpl@bsnl.in](mailto:iehebpl@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref No:

Date:

To whom it may concern.

**VERIFICATION LETTER FOR STUDENTS INTERNSHIP.**

**STUDENT NAME:** FALGUNI CHOUHAN CHOUDHARY

**STUDENTS ROLL NO:** 319157

**PROGRAMME:** BACHELOR OF ARTS (Honours) **Fashion Designing.**

The above matter refers.

We hereby confirm that Ms.FALGUNI CHOUHAN CHOUDHARY is currently a full time student pursuing B.A (Hons.) Fashion Design at Institute for Excellence in Higher Education, Bhopal(M.P). The programme is expected to complete in May 2022. As a part of the programme requirements, the students are required to undergo for 60 days mandatory internship from **05. Aug. 2021** onwards. Therefore, this institute would like to have your kind consideration to hire Ms. FALGUNI CHOUHAN CHOUDHARY as intern in your esteemed company for the period stipulated above.

Should you have any further enquiries in regards to the above student's internship, please do not hesitate to contact the following staff:

Dr. Renu Jain ([hodfashiondesign@gmail.com](mailto:hodfashiondesign@gmail.com))

Dr. Smita Jain ([smitakabeer@gmail.com](mailto:smitakabeer@gmail.com))

Thank you for your kind attention.

*[Signature]*  
29/8/21

Dr. Renu Jain  
(HOD Fashion Design)

Dr. S. S Vijayvargiya  
(Director)





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E-mail: [iehebpl@bsnl.in](mailto:iehebpl@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Date: 03-05-17

Ms. 355/17-18

To  
The Vice President,  
M/S. Gokaldas Exports Ltd.,  
Richmond Road,  
Bangalore.

Sir/Madam,

Sub: Internship for our students for 10 days in your Organization.

Our institute is a reputed state level academy (Autonomous) of Higher Education established by Govt. of Madhya Pradesh. This premium Institute is known for providing quality education and excellence in Higher Education. The Department of Fashion Designing of our Institute is providing three year graduation degree BA (Hons.) in Fashion Designing. We request you to allow our final year students for internship in your reputed organization from 19<sup>th</sup> of June 2017 to 30<sup>th</sup> of June 2017.

Details of our students:

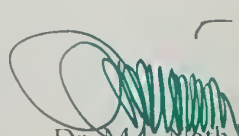
1. Aastha Chouksey
2. Bhavna Tayade
3. Madumita Yuwane
4. Pratha Deshbhartar
5. Rechal Sarathe
6. Samya Agrawal
7. Surbhi Sharma
8. Tripti Nahar
9. Vaishnavi Chouksey

We will be happy to take this opportunity with your reputed Organization.

Thanking you,

Yours faithfully

  
Dr. Renu Jain  
(HOD Fashion Design)  
**HEAD**  
Deptt. of Fashion Design  
Institute For Excellence in  
Higher Education, Bhopal

  
Dr. M.L. Nath  
(Director, IEHE Bhopal)  
**DIRECTOR**  
INSTITUTE FOR EXCELLENCE  
IN HIGHER EDUCATION  
BHO PAL-462016.

Office – Kaliasot Dam, Kolar Road, Bhopal-462016  
Tele: (0755) 2492433 E-mail: [iehebpl@bsnl.in](mailto:iehebpl@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref. No. 2581/17-18

Date: - 23/11/17

To  
The Manager (HR)  
ICONIC,  
DB City Mall  
Bhopal

**Subject: Internship / industrial training for students of BA (Hons) - Fashion Designing**

Dear Sir / Madam,

Please refer to our visit to your showroom on 15-11-2017 to discuss the feasibility of Internship / industrial training of students of BA (Hons) - Fashion Designing of our institute. In this connection, I am pleased to mention that Institute for Excellence in Higher Education is an 'A' Grade State level Academy, envisioned to be a centre for academic excellence by the Govt. of Madhya Pradesh since its inception in 1995. Students of BA (Hons.) final year have mandatory internship in their curriculum to give them hands on experience in the field of fashion.

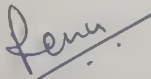
As your reputed organization has the largest range of products with sophisticated design and visual merchandising capabilities in the field of fashion, we feel that it will be a great opportunity for our students to associate with you for Internship / industrial training to gain hands on practical experience. This will definitely play a catalytic role in transforming the students into potential human capital. Therefore, in continuation of the discussion with you, I take this opportunity to recommend the following students of Fashion Design Department of our Institute for 30/60 days industrial training/internship in your organization:

- |                       |                        |
|-----------------------|------------------------|
| 1. Aastha Chouksey    | 6. Sakshi Tated        |
| 2. Avni Badkur        | 7. Samya Agrawal       |
| 3. Bhavana Tayade     | 8. Surbhi Sharma       |
| 4. Madhumita Yuwane   | 9. Tripti Nahar        |
| 5. Pratha Deshbhartar | 10. Vaishnavi Chouksey |

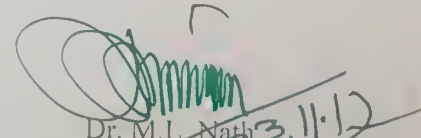
Kindly extend full support to the above students as and when they approach you with a copy of this letter.

Thanking you

Yours sincerely



Dr. Renu Jain  
(HOD, Fashion Design)



Dr. M.L. Nath  
(DIRECTOR)  
INSTITUTE FOR EXCELLENCE  
IN HIGHER EDUCATION  
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**Bhopal**

**Institute for Excellence in Higher Education, Bhopal**

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Ref. No. 2582/17-18

Date: - 23/11/2017

To  
The Manager (HR)  
Provogue,  
Mumbai

**Subject: Internship / industrial training for students of BA (Hons) - Fashion Designing**

Dear Sir / Madam,

It is our pleasure to mention that Institute for Excellence in Higher Education is an 'A' Grade State level Academy, envisioned to be a centre for academic excellence by the Govt. of Madhya Pradesh since its inception in 1995. Through an array of well structured undergraduate Honours Courses that synergize conventional and contemporary realms of knowledge, the curriculum is industry integrated. Hence students of BA (Hons.) final year have mandatory 60 days internship in their curriculum.

As your reputed organization has the largest range of products with sophisticated design and visual merchandising capabilities in the field of fashion, we feel that it will be a great opportunity for our students to associate with you for Internship / industrial training to gain hands on practical experience. This will definitely play a catalytic role in transforming the students into potential human capital. Therefore, in continuation of the discussion with you, I take this opportunity to recommend the following students of Fashion Design Department of our Institute for industrial training/internship in your organization :

- |                     |                  |
|---------------------|------------------|
| 1. Sakshi Tated     | 4. Surbhi Sharma |
| 2. Bhavana Tayade   | 5. Tripti Nahar  |
| 3. Madhumita Yuwane |                  |

Kindly extend full support to the above students.

Thanking you

Yours sincerely

Dr. Renu Jain  
(HOD, Fashion Design)

Dr. M.L. Nath  
(Director)  
INSTITUTE FOR EXCELLENCE  
IN HIGHER EDUCATION  
BHOPAL-462016



  
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Tele: (0755) 2492433 E-mail: [iehebp1@bsnl.in](mailto:iehebp1@bsnl.in) Website: [www.iehe.ac.in](http://www.iehe.ac.in)

Ref. No. 307/17-18

Date: - 13/01/18

To  
Ms. Nimisha Bhatnagar  
GM Operations,  
Crossroads Clothing Pvt. Ltd.  
Indore (MP)

**Subject: Internship/ industrial training for students of BA (Hons) - Fashion Designing.**

Dear Madam,

Please refer to our telephonic conversation on 19/01/2018 regarding the feasibility of Internship/Industrial training of students of BA (Hons) –Fashion Designing of our institute. In this connection, I am pleased to mention that Institute for Excellence in Higher Education (IEHE), Bhopal is an 'A' Grade state level academy, envisioned to be a centre for academic excellence by the govt. of Madhya Pradesh since its inception in 1995. Students of BA (Hons.) final year have mandatory internship in their curriculum to give them hands on experience in the field of fashion.

As your reputed organization has the largest range of products with sophisticated design and Graphic Designing capabilities in the field of fashion, we feel that it will be a great opportunity for our students to associate with you for Internship/ industrial training to gain hands on practical experience. This will definitely play a catalytic role in transforming the students into potential human capital. Therefore, in continuation of the discussion with you, I take this opportunity to recommend the following students of Fashion Design Department of our Institute for 30 days industrial training/ internship in your organization.

1. Bhavana Tayade
2. Madhumita Yuwane

Kindly extend full support to the above students as and when they approach you with a copy of this letter.

Thanking You

Yours sincerely

*Smita Jain*  
Dr. Smita Jain  
(HOD, Fashion Design)

*M.L. Nath*  
Dr. M.L. Nath  
(Director)

DIRECTOR,  
INSTITUTE FOR EXCELLENCE  
IN HIGHER EDUCATION  
BHOPAL-462016.



10<sup>TH</sup> JUNE 2018

CERTIFICATE OF GRADE

1<sup>ST</sup> JUNE 2018 TO 30<sup>TH</sup> JUNE 2018

THIS IS TO CERTIFY THAT CHARU RAMCHANDANI D/O OF MR. ASHOK RAMCHANDANI FROM INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL (M.P), SUCCESSFULLY COMPLETED THE INTERNSHIP IN OUR ORGANIZATION. DURING THE INTERNSHIP, SHE WAS EXPOSED TO THE IMPLEMENTATION OF THE PRODUCTION PLANNING AND DEVELOPMENT. SHE IS OBEDIENT AND HARD WORKING. WE ARE SATISFIED WITH HER PERFORMANCE AND WE GRADE HER 18 OUT OF 20.

WE WOULD LIKE TO WISH FOR BRIGHT FUTURE AHEAD.

THANKS

VANDANA SHARMA

TRADITIONAL GALLERY PVT LTD

## CERTIFICATE OF GRADE

17<sup>TH</sup> DECEMBER 2018 TO 31<sup>ST</sup> JANUARY 2019

This is to certify that Ms. Mrunal Varavdekar d/o of Mr. Vinay Varavdekar from Institute for Excellence in Higher Education, Bhopal (M.P.), successfully completed the internship in our organization. During the internship she was exposed to the working and implementation of various tasks under the Buying & Merchandising Team. We hereby grade her 18 Out of 20.

*Vishakha*  
01.01.2019

Mrs. Vishakha Wagh

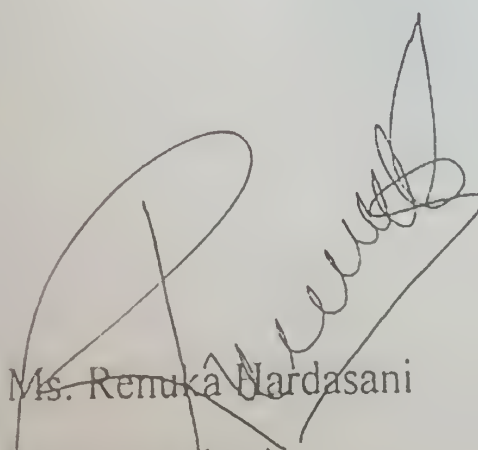
Lead (Buying and Merchandising)

Teromoda Retail India Pvt Ltd

## CERTIFICATE OF GRADE

17<sup>TH</sup> DECEMBER 2018 TO 31<sup>ST</sup> JANUARY 2018

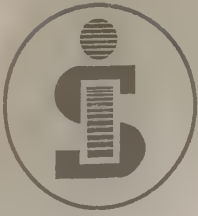
This is to certify that Ms. Niharika Singh d/o of Mr. Naveen Singh from Institute for Excellence in Higher Education, Bhopal (M.P.), successfully completed the internship in our organization on the topic 'Speed to Market' under the Sourcing Team. We here by grade her 17 Out of 20.



Ms. Renuka Nardasani

Sourcing Head

Veromoda Retail India Pvt Ltd



# SOPRA INTERNATIONAL

H-1/39, RIICO INDUSTRIAL AREA, MANSAROVAR, JAIPUR (INDIA)

TEL.: 0141-2395980, 2400366, FAX : 0141-2395953

E-MAIL : sopra@soprainternational.com

WEBSITE : www.soprainternational.com

NAME : MS. BHAGVATI GHIMIRE

MARKS : 20/20

For SOPRA INTERNATIONAL

  
Proprietor

*Manufacturers Exporters Of High Fashion Casuals*

R.B.I. CODE NO. JS-000331





# SOPRA INTERNATIONAL

H-1/39, RIICO INDUSTRIAL AREA, MANSAROVAR, JAIPUR (INDIA)

TEL.: 0141-2395980, 2400366, FAX : 0141-2395953

E-MAIL : [sopra@soprainternational.com](mailto:sopra@soprainternational.com)

WEBSITE : [www.soprainternational.com](http://www.soprainternational.com)

NAME : MS. NIKITA SINGH

MARKS : 20/20

For SOPRA INTERNATIONAL

Proprietor

*Manufacturers Exporters Of High Fashion Casuals*

R.B.I. CODE NO. JS-000331



# SOPRA INTERNATIONAL

H-1/39, RIICO INDUSTRIAL AREA, MANSAROVAR, JAIPUR (INDIA)

TEL.: 0141-2395980, 2400366, FAX : 0141-2395953

E-MAIL : sopra@soprainternational.com

WEBSITE : www.soprainternational.com

NAME : MS. MAHAK JAIN

MARKS : 20/20

For SOPRA INTERNATIONAL

  
Proprietor

*Manufacturers Exporters Of High Fashion Casuals*

R.B.I. CODE NO. JS-000331

30<sup>TH</sup> JUNE 2018

**CERTIFICATE OF GRADE**

1<sup>ST</sup> . JUNE 2018 TO 30<sup>TH</sup> JUNE 2018

THIS IS TO CERTIFY THAT MRUNAL VARAVDEKAR D/O OF MR . VINAY VARAVDEKAR FROM INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL (M.P), SUCCESSFULLY COMPLETED THE INTERNSHIP IN OUR ORGANIZATION . DURING THE INTERNSHIP, SHE WAS EXPOSED TO THE IMPLEMENTATION OF THE PRODUCTION PLANNING AND DEVELOPMENT. SHE IS OBEDIENT AND HARD WORKING, WE ARE SATISFIED WITH HER PERFORMANCE AND WE GRADE HER 19 OUT OF 20.

WE WOULD LIKE TO WISH FOR BRIGHT FUTURE AHEAD.

THANKS

For Traditional Gallery Pvt Ltd.

VANDANA SHARMA

TRADITIONAL GALLERY PVT LTD

30<sup>TH</sup> JUNE 2018

**CERTIFICATE OF GRADE**

**1<sup>ST</sup> . JUNE 2018 TO 30<sup>TH</sup> JUNE 2018**

THIS IS TO CERTIFY THAT NIHARIKA SINGH D/O OF MR . NAVEEN SINGH FROM INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL (M.P), SUCCESSFULLY COMPLETED THE INTERNSHIP IN OUR ORGANIZATION . DURING THE INTERNSHIP, SHE WAS EXPOSED TO THE IMPLEMENTATION OF THE PRODUCTION PLANNING AND DEVELOPMENT. SHE IS OBEDIENT AND HARD WORKING, WE ARE SATISFIED WITH HER PERFORMANCE AND WE GRADE HER 19 OUT OF 20.

WE WOULD LIKE TO WISH FOR BRIGHT FUTURE AHEAD.

THANKS

For Traditional Gallery Pvt. Ltd.

VANDANA SHARMA  
Authorized Signatory

TRADITIONAL GALLERY PVT LTD



30<sup>TH</sup> JUNE 2018

**CERTIFICATE OF GRADE**

**1<sup>ST</sup> . JUNE 2018 TO 30<sup>TH</sup> JUNE 2018**

THIS IS TO CERTIFY THAT SHAIMA JAMEEL SIDDIQUI D/O OF MR . SHAKEEL AHMED SIDDIQUI FROM INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL (M.P), SUCCESSFULLY COMPLETED THE INTERNSHIP IN OUR ORGANIZATION . DURING THE INTERNSHIP, SHE WAS EXPOSED TO THE IMPLEMENTATION OF THE PRODUCTION PLANNING AND DEVELOPMENT. SHE IS OBEDIENT AND HARD WORKING, WE ARE SATISFIED WITH HER PERFORMANCE AND WE GRADE HER 18 OUT OF 20.

WE WOULD LIKE TO WISH FOR BRIGHT FUTURE AHEAD.

THANKS  
Traditional Gallery Pvt. Ltd.

Authorised Signatory

VANDANA SHARMA

TRADITIONAL GALLERY PVT LTD

30<sup>TH</sup> JUNE 2018

**CERTIFICATE OF GRADE**

**1<sup>ST</sup> . JUNE 2018 TO 30<sup>TH</sup> JUNE 2018**

THIS IS TO CERTIFY THAT MAHAK AGARWAL D/O OF MR MUKESH AGARWAL FROM INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL (M.P), SUCCESSFULLY COMPLETED THE INTERNSHIP IN OUR ORGANIZATION . DURING THE INTERNSHIP, SHE<sup>E</sup> WAS EXPOSED TO THE IMPLEMENTATION OF THE PRODUCTION PLANNING AND DEVELOPMENT. SHE IS OBEDIENT AND HARD WORKING, WE ARE SATISFIED WITH HER PERFORMANCE AND WE GRADE HER 18 OUT OF 20.

WE WOULD LIKE TO WISH FOR BRIGHT FUTURE AHEAD.

THANKS  
For Traditional Gallery Pvt. Ltd.

Authorized Signatory  
VANDANA SHARMA

TRADITIONAL GALLERY PVT LTD

30<sup>TH</sup> JUNE 2018

**CERTIFICATE OF GRADE**

1<sup>ST</sup> . JUNE 2018 TO 30<sup>TH</sup> JUNE 2018

THIS IS TO CERTIFY THAT NEELU D/O OF MR . JITENDER KUMAR FROM INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL (M.P), SUCCESSFULLY COMPLETED THE INTERNSHIP IN OUR ORGANIZATION . DURING THE INTERNSHIP, SHE WAS EXPOSED TO THE IMPLEMENTATION OF THE PRODUCTION PLANNING AND DEVELOPMENT. SHE IS OBEDIENT AND HARD WORKING, WE ARE SATISFIED WITH HER PERFORMANCE AND WE GRADE HER 18 OUT OF 20.

WE WOULD LIKE TO WISH FOR BRIGHT FUTURE AHEAD.

THANKS

For Traditional Gallery Pvt. Ltd.

VANDANA SHARMA

TRADITIONAL GALLERY PVT LTD



## ORGANIZING COMMITTEE

### Patron(s)

Dr. R K Arya Director  
Director General, MPCST, Bhopal IEHE, Bhopal

### Chairman(s)

Dr. Rajesh Sexana Dr. Sarita Shrivastava Dr. Avijeet Jain

### Convener(s)

Dr. Alok Pal Jain Dr. Arun K Pandey Dr. Narendra Lariya

### Secretary(s)

Dr. Anjali Acharya Dr. Prateek Jain  
Dr. D K Gupta (Dr.) Prabhat Jain

### Joint-Secretary(s)

Dr. Rajesh Pawar Dr. Anurekha Jain Dr. M L Kori

### Board Member(s)

(Dr.) Preeti Jain Dr. Harshita Jain Dr. Anamika Pandey  
Dr. Anila Shinde Dr. V Malchandani Dr. Sandhya Trivedi  
Dr. Ishrat Afim Dr. Jyoti Sexana Dr. Nafeesa Siddiqui  
Dr. D K Gupta Dr. M L Soni Dr. Pusppha Ratwani  
Dr. R K Shrivastava (Dr.) Anu Asai

### Technical Team

(Dr.) Goeta Priyanka (Dr.) Kalpana Singh  
Mr. Nagesh Sahu Mr. Anchal Kosharwani  
Mr. Rakesh Sahu Mr. Mohit Garg  
Mr. Gourav Sahu

### Media Co-Ordinator

Mr. Anaytullah



## IMPORTANT DATES

|                            | Start                         | Close         |
|----------------------------|-------------------------------|---------------|
| Abstract Submission        | Dec. 15, 2019                 | Jan. 10, 2020 |
| Notification of Acceptance | Within 4-5 days of Submission |               |
| Early Bird Registration    | Dec. 15, 2019                 | Jan. 15, 2020 |



### -CONTACT US-

#### Scan Research Laboratories

A-109, Near, JK Rd, Behind domino's pizza,  
Indrapuri, Bhopal, Madhya Pradesh-462022  
Phone: 7828093693, 9285100301

#### Research Innovation Foundation (ResInnovative)

T-8, Mahaveer Apartment, Near  
SIKT College, Ayodhya bypass, Bhopal,  
Madhya Pradesh-462041  
Phone: 8109725561



# RESINNOVATIVE 1

## National Conference on Emerging Trends and Innovations in Sciences

28<sup>th</sup> January 2020, Tuesday

**Organizer(s):**  
Department of Chemistry, Institute for Excellence in  
Higher Education (IEHE), Bhopal (M.P)  
*In support with*  
Madhya Pradesh Council of Science and Technology, Bhopal

**Co-organizer(s):**  
Scan Research Laboratories, Bhopal (M.P)  
<http://scanresearch.in>  
Research Innovation Foundation (ResInnovative), Bhopal (M.P)  
<https://resinnovativeacademies.in/resinnovative.php>

**Sponsor(s):**

Lenience Biotech Lab,  
Bhopal

Pharma Aspire  
Bhopal

Advance Scientific Centre  
Bhopal



## -Venue-

M. P. Council of Science & Technology  
Vigyan Bhawan, Nehru Nagar, Bhopal - 462003



## About us:

### Institute for Excellence in Higher Education:

Institute for Excellence in Higher Education is an 'A' grade state level academy, envisioned to be a center for academic excellence by the govt. of Madhya Pradesh since its inception in 1995. Located in a lush green valley adjacent to Kalasol Dam on Kolar road, Bhopal, this educational oasis enjoys a pride of place among the premier institutions of the country. It is autonomous in academic, administrative & financial matters which have enhanced its credibility as a catalyst of progressive and incremental changes setting new benchmarks for other institutions of the state to redefine the limits of growth and development in Higher Education. Through an array of well structured Post Graduate Courses, Honours Courses in Science, Arts & Commerce, and short term Vocational Courses that synergize conventional and contemporary realms of knowledge, the curriculum is Industry Integrated and globally embrace. With the pivotal focus on the integrated development of students through the inculcation of moral and spiritual values this Institute is housed in a sprawling campus with state-of-the-art facilities like well equipped laboratories, digitalized library, ICT enabled services etc. which provide a congenial academic ambience for empowered and diversifiers.

(Source: <http://www.ifeh.ac.in>)

### M.P. Council of Science & Technology:

M.P. Council of Science & Technology was established under MP Society Registration Act, 1973 in October, 1981. Apex body of the Council is General Body and Chief Manager is the President of General Body. There are 61 members consisting of ministers and secretaries of different state departments and heads of the departments of Water resources, PHE, PWD, Forest, Agriculture, Industry and Technical education. In addition, 4 vice-chancellors from universities, eminent Scientists in Science, Sociology and Medical sciences are nominated as a member by the president. Representatives from national level research organizations are also nominated. The second important body is the Executive Committee and Chairman is the Minister of Science & Technology Department. The Committee consists of 13 members, comprising of IAS, educationists, scientists and principal secretaries etc.

(Source: <http://www.mpcost.gov.in/about-us>)

### Scan Research laboratories (SRL):

Scan Research laboratory (SRL), Bhopal has been established with a bonafide motive of providing best research facilities to the students and researchers. This laboratory is the first of its kind in central India to offer such a platform assisting them in their future endeavors. The lab has the facilities of sophisticated instruments with highly qualified and skilled staff members. It extends the training opportunity to students/researchers/faculty members via organizing the workshops and training programs.

### Research Innovation Foundation (ResInnovative):

Research Innovation Found (ResInnovative) has been established with the aim of disseminating knowledge amongst the students, researchers and faculty members from the field of Science, Art and humanities. It is dedicated to organize the national and international conferences and promotion of the research in the said fields via active collaboration with organizations/institutes of national and international repute. Other objectives include organization of seminar, workshops, students training and faculty development programs etc.

## CONFERENCE SCOPE

- Science (Biotechnology, Microbiology, Chemistry etc.)
- Dental, Ayurvedic and Homeopathic Science
- Biological Science (Botany, Zoology etc.)
- Forensic Science
- Physics and Electronics
- Pharmaceutical Science
- Mathematics
- Food Science
- Miscellaneous

## CALL FOR ABSTRACT

In pursuit of promoting and exploring innovations, the organizing committee has great pleasure in inviting you to submit findings of your work for presentation (poster/oral).

The submission of abstract should be made by email to [resinnovative@gmail.com](mailto:resinnovative@gmail.com). Please mention the name of subject in the email while submitting the abstract and its type poster/oral.

## SUBMISSION GUIDELINES

### Abstract Submission Guideline

The submission of abstract should be made by email to [resinnovative@gmail.com](mailto:resinnovative@gmail.com) on or before 10 Jan 2020. Intimation of acceptance and rejection will be given within 3-4 working days.

**TITLE:-** 12 FONT SIZE, TIMES NEW ROMAN, NORMAL, BOLD

**AUTHORS:-** 12 FONT SIZE, TIMES NEW ROMAN, NORMAL, BOLD

**Abstract:-** 250 Words (Non-Structural)

**Keywords:-** Please include 3-10 keywords for indexing purposes.

## POSTER SPECIFICATION

Poster Area: 100 cm tall x 65 cm wide; Push pins, velcro, or tape will be provided to hang your poster.

Font Sizes:

Title: 36 point type; List of authors: 25 point type; Double-spaced text: 15 point type

✓ The entire poster layout should be readable from six to ten feet away

## ORAL PRESENTATION

Selected abstract for oral presentation will be given 12 minutes; 10 minutes for presentation and 2 minutes for discussion. Presentation must contain the title, authors name, affiliations, email, abstract, introduction, methodology, result, discussion and conclusion. Presentation should not exceed 20 slides.

## REGISTRATION & FEE DETAILS

Registrations to be made offline or online

Online: Please download the form online from our website

[https://innovateacademics.in/resinnovative-rgm/gm\\_docs](https://innovateacademics.in/resinnovative-rgm/gm_docs) and submit post it to following Address

Scan Research Laboratory, A-109, Near, JK Rd, Sector A, Indrapuri, Bhopal, Madhya Pradesh-462022

Online: Scan copy of filled form should be sent by email to [resinnovative@gmail.com](mailto:resinnovative@gmail.com)

|                                              | Early Fee<br>Before Jan.15, 2020 | Late Fee<br>From Jan.16, 2020 |
|----------------------------------------------|----------------------------------|-------------------------------|
| Student (Attending only)                     | 550 INR                          | 700 INR                       |
| Student / Researcher                         | 800 INR                          | 1,000 INR                     |
| Faculty Member / Scientist / Industry Person | 1,000 INR                        | 1,250 INR                     |
| Exhibitor                                    | 5,000 INR                        | 6,500 INR                     |
| Accompanying Person / Participant            | 1,000 INR                        | 1,250 INR                     |

• All above fee is per delegate

## PAYMENT INFO

For Online Bank Transfer / NEFT / G-pay/phonepay

|              |                                        |
|--------------|----------------------------------------|
| A/c Name     | Scan Research Laboratories             |
| A/c No.      | 50200013825400                         |
| Bank         | HDFC Bank                              |
| Branch       | Arera Colony                           |
| City         | Bhopal                                 |
| IFSC Code    | HDFC0000062                            |
| Swift Code   | HDFCINBB                               |
| Address HDFC | Bank Ltd., Arera Colony, Bhopal, India |

In case of direct cash deposit into bank account, please send additional bank charges of Rs. 80 along with registration fees

After the NEFT/G-pay/phonepay payment, please send the scan copy/receipt by email to [resinnovative@gmail.com](mailto:resinnovative@gmail.com) along with your name and registration number, if any.

## CANCELLATION & REFUND POLICY

- No refunds will be made to the participants if he/she is unable to attend the conference.
- In case of cancellation due to some unfortunate circumstances refund not be considered due to administrative/organizational reasons.

## PARTICIPANT

| S.N. | RO. NO. | CLASS                 | NAME OF STUDENT          |
|------|---------|-----------------------|--------------------------|
| 1    | 420002  | B.Sc. CHEMISTRY SEM 2 | ANKITA SINGH             |
| 2    | 420004  | B.Sc. CHEMISTRY SEM 2 | AYUSHI KUMRE             |
| 3    | 420006  | B.Sc. CHEMISTRY SEM 2 | DURGESH KUMAR<br>LAKHERA |
| 4    | 420007  | B.Sc. CHEMISTRY SEM 2 | GAGAN                    |
| 5    | 420008  | B.Sc. CHEMISTRY SEM 2 | HASAN SHAHAAB            |
| 6    | 420009  | B.Sc. CHEMISTRY SEM 2 | ISHA KUSHWAH             |
| 7    | 420011  | B.Sc. CHEMISTRY SEM 2 | KRITIKA AHIRWAR          |
| 8    | 420012  | B.Sc. CHEMISTRY SEM 2 | MANISHA SONI             |
| 9    | 420013  | B.Sc. CHEMISTRY SEM 2 | MITHLESH UIKEY           |
| 10   | 420014  | B.Sc. CHEMISTRY SEM 2 | PADMANJALI KOSHTI        |
| 11   | 420015  | B.Sc. CHEMISTRY SEM 2 | PRACHI YADAV             |
| 12   | 420016  | B.Sc. CHEMISTRY SEM 2 | RAJKUMAR MODI            |
| 13   | 420017  | B.Sc. CHEMISTRY SEM 2 | RAMSHA SULTAN            |
| 14   | 420019  | B.Sc. CHEMISTRY SEM 2 | REENA SAKET              |
| 15   | 420020  | B.Sc. CHEMISTRY SEM 2 | SHREYA SHRIVASTAVA       |
| 16   | 420021  | B.Sc. CHEMISTRY SEM 2 | SNEHA DUA                |
| 17   | 420022  | B.Sc. CHEMISTRY SEM 2 | SONALI MALVIYA           |
| 18   | 420023  | B.Sc. CHEMISTRY SEM 2 | TUSHAR UIKEY             |
| 19   | 420024  | B.Sc. CHEMISTRY SEM 2 | VEENITA MALVIYA          |
| 20   | 420059  | B.Sc. CHEMISTRY SEM 2 | ANANYA AGRAWAL           |
| 21   | 420117  | B.Sc. CHEMISTRY SEM 2 | SIDDHI SHARMA            |
| 22   | 420029  | B.Sc. CHEMISTRY SEM 2 | AMIT TIWARI              |
| 23   | 420030  | B.Sc. CHEMISTRY SEM 2 | ANKITA KHATARKAR         |
| 24   | 420031  | B.Sc. CHEMISTRY SEM 2 | ANMOL NAMDEV             |
| 25   | 420032  | B.Sc. CHEMISTRY SEM 2 | ANURAG SHARMA            |
| 26   | 420033  | B.Sc. CHEMISTRY SEM 2 | ARZOO TIWARI             |
| 27   | 420034  | B.Sc. CHEMISTRY SEM 2 | ASHI PANDEY              |
| 28   | 420035  | B.Sc. CHEMISTRY SEM 2 | ASTHA MISHRA             |
| 29   | 420036  | B.Sc. CHEMISTRY SEM 2 | DEEPANSHU PANDEY         |
| 30   | 420037  | B.Sc. CHEMISTRY SEM 2 | DEVANSHI SHARMA          |
| 31   | 420038  | B.Sc. CHEMISTRY SEM 2 | DEVYANI GAUR             |
| 32   | 420039  | B.Sc. CHEMISTRY SEM 2 | DIKSHA DWIVEDI           |
| 33   | 420040  | B.Sc. CHEMISTRY SEM 2 | DIVYANKA SHUKLA          |
| 34   | 420041  | B.Sc. CHEMISTRY SEM 2 | HIMANI KUMBHARE          |
| 35   | 420042  | B.Sc. CHEMISTRY SEM 2 | ISHA BHAWSAR             |
| 36   | 420043  | B.Sc. CHEMISTRY SEM 2 | KHUSHI BANKAR            |
| 37   | 420044  | B.Sc. CHEMISTRY SEM 2 | KRISHNA DHAKAD           |
| 38   | 420045  | B.Sc. CHEMISTRY SEM 2 | LOKESH PATEL             |
| 39   | 420047  | B.Sc. CHEMISTRY SEM 2 | NITESH KUMAR TIWARI      |



|    |        |                       |                         |
|----|--------|-----------------------|-------------------------|
| 40 | 420048 | B.Sc. CHEMISTRY SEM 2 | RAJESHWARI MALVIYA      |
| 41 | 420049 | B.Sc. CHEMISTRY SEM 2 | RAKESH GOUR             |
| 42 | 420052 | B.Sc. CHEMISTRY SEM 2 | SHIVANI STHAPAK         |
| 43 | 420053 | B.Sc. CHEMISTRY SEM 2 | SHRADDHA SHARMA         |
| 44 | 420054 | B.Sc. CHEMISTRY SEM 2 | SHWETA YADAV            |
| 45 | 420056 | B.Sc. CHEMISTRY SEM 2 | TANISHA JAIN            |
| 46 | 420057 | B.Sc. CHEMISTRY SEM 2 | VAISHALI<br>VISHWAKARMA |
| 47 | 420058 | B.Sc. CHEMISTRY SEM 2 | AKANKSHA YADAV          |
| 48 | 420060 | B.Sc. CHEMISTRY SEM 2 | ANJALI P S              |
| 49 | 420061 | B.Sc. CHEMISTRY SEM 2 | AYUSH SHARMA            |
| 50 | 420062 | B.Sc. CHEMISTRY SEM 2 | CHHAVI CHOUHAN          |
| 51 | 420063 | B.Sc. CHEMISTRY SEM 2 | DEEPAK SEN              |
| 52 | 420064 | B.Sc. CHEMISTRY SEM 2 | DEEPTI MISHRA           |
| 53 | 420065 | B.Sc. CHEMISTRY SEM 2 | HIMAKSHI BARMASE        |
| 54 | 420066 | B.Sc. CHEMISTRY SEM 2 | IRAMNAAZ KHAN           |
| 55 | 420067 | B.Sc. CHEMISTRY SEM 2 | KANISHKA TIWARI         |
| 56 | 420068 | B.Sc. CHEMISTRY SEM 2 | KHUSHI RATHOR           |
| 57 | 420069 | B.Sc. CHEMISTRY SEM 2 | NISHANT UDAINIYA        |
| 58 | 420070 | B.Sc. CHEMISTRY SEM 2 | PALAK SHARMA            |
| 59 | 420071 | B.Sc. CHEMISTRY SEM 2 | PAVAN YADAV             |
| 60 | 420072 | B.Sc. CHEMISTRY SEM 2 | PRACHI UPADHYAY         |
| 61 | 420074 | B.Sc. CHEMISTRY SEM 2 | PRASOON KUMAR JHA       |
| 62 | 420075 | B.Sc. CHEMISTRY SEM 2 | SAKSHI RAO              |
| 63 | 420076 | B.Sc. CHEMISTRY SEM 2 | SAKSHI UKANDE           |
| 64 | 420078 | B.Sc. CHEMISTRY SEM 2 | VASUDHA NIGAM           |
| 65 | 420079 | B.Sc. CHEMISTRY SEM 2 | VIRENDRA SINGH JADO     |
| 66 | 420275 | B.Sc. CHEMISTRY SEM 2 | RISHIKA SHRIVAS         |
| 67 | 420352 | B.Sc. CHEMISTRY SEM 2 | SHRUTI GURJAR           |
| 68 | 420051 | B.Sc. CHEMISTRY SEM 2 | RISHITA KUMARI          |
| 69 | 420077 | B.Sc. CHEMISTRY SEM 2 | SEJAL VIJAYVARGIYA      |
| 70 | 420081 | B.Sc. CHEMISTRY SEM 2 | ADITI JAIN              |
| 71 | 420083 | B.Sc. CHEMISTRY SEM 2 | AMAN KURMI              |
| 72 | 420084 | B.Sc. CHEMISTRY SEM 2 | ANJALI VISHWAKARMA      |
| 73 | 420085 | B.Sc. CHEMISTRY SEM 2 | ATUL KUMAR MISHRA       |
| 74 | 420086 | B.Sc. CHEMISTRY SEM 2 | AVNEE JAIN              |
| 75 | 420087 | B.Sc. CHEMISTRY SEM 2 | BHUSHAN SAHU            |
| 76 | 420088 | B.Sc. CHEMISTRY SEM 2 | DEEKSHA TRIVEDI         |
| 77 | 420089 | B.Sc. CHEMISTRY SEM 2 | DEEPAK THAKRE           |
| 78 | 420090 | B.Sc. CHEMISTRY SEM 2 | DIVYANSHI VERMA         |
| 79 | 420091 | B.Sc. CHEMISTRY SEM 2 | DOLLY WARKADE           |
| 80 | 420092 | B.Sc. CHEMISTRY SEM 2 | FALGUNI SON             |
| 81 | 420094 | B.Sc. CHEMISTRY SEM 2 | JUHI SHARMA             |

|     |        |                       |                           |
|-----|--------|-----------------------|---------------------------|
| 82  | 420095 | B.Sc. CHEMISTRY SEM 2 | KHUSHI BHARGAVA           |
| 83  | 420097 | B.Sc. CHEMISTRY SEM 2 | MAHENDRA SINGH<br>SOLANKI |
| 84  | 420098 | B.Sc. CHEMISTRY SEM 2 | MEENAKSHI SOLANKI         |
| 85  | 420099 | B.Sc. CHEMISTRY SEM 2 | MOHIT THAKRE              |
| 86  | 420100 | B.Sc. CHEMISTRY SEM 2 | NAINA DHOLPURIYA          |
| 87  | 420101 | B.Sc. CHEMISTRY SEM 2 | NAMITA UGHADE             |
| 88  | 420102 | B.Sc. CHEMISTRY SEM 2 | NAVIN RAHANGDALE          |
| 89  | 420103 | B.Sc. CHEMISTRY SEM 2 | PAYODH DWIVEDI            |
| 90  | 420104 | B.Sc. CHEMISTRY SEM 2 | PRANJAL DWIVEDI           |
| 91  | 420105 | B.Sc. CHEMISTRY SEM 2 | PRIYANKA PATEL            |
| 92  | 420106 | B.Sc. CHEMISTRY SEM 2 | RAMNARAYAN YADAV          |
| 93  | 420108 | B.Sc. CHEMISTRY SEM 2 | RITU BHAGWAT              |
| 94  | 420109 | B.Sc. CHEMISTRY SEM 2 | ROSHAN CHANDELKAR         |
| 95  | 420110 | B.Sc. CHEMISTRY SEM 2 | SAPNA                     |
| 96  | 420111 | B.Sc. CHEMISTRY SEM 2 | SHIVAM SINGH              |
| 97  | 420113 | B.Sc. CHEMISTRY SEM 2 | SHRISTI YADAV             |
| 98  | 420114 | B.Sc. CHEMISTRY SEM 2 | SIDDHANT SINGH<br>PATEL   |
| 99  | 420115 | B.Sc. CHEMISTRY SEM 2 | VIKAS SHIVHARE            |
| 100 | 420116 | B.Sc. CHEMISTRY SEM 2 | NANDANI CHOURASIYA        |
| 101 | 420268 | B.Sc. CHEMISTRY SEM 2 | NISHANT PATHAK            |
| 102 | 420351 | B.Sc. CHEMISTRY SEM 2 | PRIYA MISHRA              |
| 103 | 420522 | B.Sc. CHEMISTRY SEM 2 | MUSKAN TRIVEDI            |
| 104 | 420151 | B.Sc. CHEMISTRY SEM 2 | ADITYA SHAKYA             |
| 105 | 420152 | B.Sc. CHEMISTRY SEM 2 | AKRATI VERMA              |
| 106 | 420154 | B.Sc. CHEMISTRY SEM 2 | ANSHIKA NAIR              |
| 107 | 420156 | B.Sc. CHEMISTRY SEM 2 | ARIBAH ARSHAD             |
| 108 | 420157 | B.Sc. CHEMISTRY SEM 2 | BHARTI SINGH              |
| 109 | 420159 | B.Sc. CHEMISTRY SEM 2 | DIVY PRABHA SINGH         |
| 110 | 420160 | B.Sc. CHEMISTRY SEM 2 | DIVYA HIRODIYA            |
| 111 | 420161 | B.Sc. CHEMISTRY SEM 2 | DIVYANSHI DUBEY           |
| 112 | 420163 | B.Sc. CHEMISTRY SEM 2 | HARSHA BHALAVI            |
| 113 | 420164 | B.Sc. CHEMISTRY SEM 2 | HARSHAN MEHRA             |
| 114 | 420166 | B.Sc. CHEMISTRY SEM 2 | JUVERIA SAMI              |
| 115 | 420167 | B.Sc. CHEMISTRY SEM 2 | LATHIKA RAGHAVAN          |
| 116 | 420168 | B.Sc. CHEMISTRY SEM 2 | LEENA WANJARE             |
| 117 | 420169 | B.Sc. CHEMISTRY SEM 2 | MEGHNA DUBEY              |
| 118 | 420170 | B.Sc. CHEMISTRY SEM 2 | MUKUND BHALAVE            |
| 119 | 420171 | B.Sc. CHEMISTRY SEM 2 | NANDINI AGRAWAL           |
| 120 | 420172 | B.Sc. CHEMISTRY SEM 2 | NEELIMA SAIYAM            |
| 121 | 420173 | B.Sc. CHEMISTRY SEM 2 | NIYATI SAINI              |
| 122 | 420174 | B.Sc. CHEMISTRY SEM 2 | PAYAL KULHARI             |



|     |        |                       |                      |
|-----|--------|-----------------------|----------------------|
| 123 | 420175 | B.Sc. CHEMISTRY SEM 2 | PRACHI KASHYAP       |
| 124 | 420176 | B.Sc. CHEMISTRY SEM 2 | PRAKHAR SAHU         |
| 125 | 420177 | B.Sc. CHEMISTRY SEM 2 | PRAKRITI SHRIVASTAVA |
| 126 | 420178 | B.Sc. CHEMISTRY SEM 2 | PRANSHU KEER         |
| 127 | 420179 | B.Sc. CHEMISTRY SEM 2 | REWA MALVIYA         |
| 128 | 420180 | B.Sc. CHEMISTRY SEM 2 | RITISHA SAHARE       |
| 129 | 420181 | B.Sc. CHEMISTRY SEM 2 | RIYA SAHU            |
| 130 | 420182 | B.Sc. CHEMISTRY SEM 2 | SALONI MEHRA         |
| 131 | 420183 | B.Sc. CHEMISTRY SEM 2 | SANSKRITI MISHRA     |
| 132 | 420184 | B.Sc. CHEMISTRY SEM 2 | SHAILJA DWIVEDI      |
| 133 | 420186 | B.Sc. CHEMISTRY SEM 2 | SHREYA WALKE         |
| 134 | 420187 | B.Sc. CHEMISTRY SEM 2 | SHRUTI MISHRA        |
| 135 | 420188 | B.Sc. CHEMISTRY SEM 2 | TANYA KAMLESH        |
| 136 | 420190 | B.Sc. CHEMISTRY SEM 2 | VARTIKA TIWARY       |
| 137 | 420191 | B.Sc. CHEMISTRY SEM 2 | VIDHI VERMA          |
| 138 | 420192 | B.Sc. CHEMISTRY SEM 2 | YUKTA                |
| 139 | 420193 | B.Sc. CHEMISTRY SEM 2 | SAKEENA ABBAS        |
| 140 | 420158 | B.Sc. CHEMISTRY SEM 2 | DEEKSHA THAKUR       |
| 141 | 420189 | B.Sc. CHEMISTRY SEM 2 | TULIKA BHATTACHARYA  |
| 142 | 420251 | B.Sc. CHEMISTRY SEM 2 | AASHISH TIWARI       |
| 143 | 420301 | B.Sc. CHEMISTRY SEM 2 | AARYA VADICHAR       |
| 144 | 420302 | B.Sc. CHEMISTRY SEM 2 | ABHIJEET PATEL       |
| 145 | 420303 | B.Sc. CHEMISTRY SEM 2 | ADITI RAIKWAR        |
| 146 | 420304 | B.Sc. CHEMISTRY SEM 2 | ADITYA RAJ SEN       |
| 147 | 420305 | B.Sc. CHEMISTRY SEM 2 | ANANYA NIGAM         |
| 148 | 420308 | B.Sc. CHEMISTRY SEM 2 | ATUL KUMAR DWIVEDI   |
| 149 | 420309 | B.Sc. CHEMISTRY SEM 2 | AYUSH PATEL          |
| 150 | 420310 | B.Sc. CHEMISTRY SEM 2 | BHOOMI SHRIVASTAVA   |

  
 HEAD OF DEPARTMENT  
 (CHEMISTRY)

# INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION (IEHE), BHOPAL

An Autonomous Institute established by Govt. of M.P. College with Potential for Excellence Status conferred by UGC



In Association with Career College Bhopal

Department of Computer Science

Organize National Webinar

ON



## "DATA SCIENCE"

On 05 January, 2022, Wednesday from 02:00 pm to 03:30 pm

### Organizers



Dr. Pragyesh Kumar Agrawal

Dr. Pragyesh Kumar Agrawal

### Organizing Secretary

Dr. Meghna Dubey

Mrs. Anjana Yadav

### Organizing Committee

Dr. Manish Sharma (Convener)

Mrs. Sonal Tiwari

Mrs. Shweta Ghate

Mrs. Ritu Ralkwar

Mr. Amrit Lal Patel

## Building a Career in Data Science Virtual Session

Learn how to excel in the field of Data Science by Industry Experts

### OUR SPEAKERS

**Mr. Pritesh Tiwari**

Lead Data Scientist and Founder of DSW



**Ms. Deepika Khare**

Data Scientist and Corporate Trainer at DSW



### Registration Link:

Registration Link - <https://www.iehe.ac.in/Seminar/WebinarRegistration.aspx>

Join Zoom Meeting: <https://us06web.zoom.us/j/83987956485>

Zoom Meeting ID: - 839 8795 6485

For further Details, Contact Dr. Meghna Dubey 9425007009, Mrs. Anjana Yadav 9131157799

Technical Support: Mr. Rishabh Raghuwanshi 8871882208

**PARTICIPANT****TEACHER**

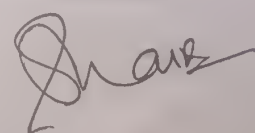
|    |                               |                    |
|----|-------------------------------|--------------------|
| 1  | Dr. MANISH SHARMA             | COMPUTER SCIENCE   |
| 2  | Dr. SONAL TIWARI              | COMPUTER SCIENCE   |
| 3  | Dr. H. K. GARG                | COMPUTER SCIENCE Y |
| 4  | Dr. SHIKHA VAIDHYA            | COMPUTER SCIENCE   |
| 5  | Dr. MEGHANA DUBEY             | COMPUTER SCIENCE   |
| 6  | Ms. RUPALI VISHWAKARMA        | COMPUTER SCIENCE   |
| 7  | Ms. ANJANA YADAV              | COMPUTER SCIENCE   |
| 8  | MS. SWETA GHATE               | COMPUTER SCIENCE   |
| 9  | Ms. RITU RAIKWAR              | COMPUTER SCIENCE   |
| 10 | Mr. NEELESH RAJPUT            | COMPUTER SCIENCE   |
| 11 | Mr. VINAYAK PRASAD CHAURASIYA | COMPUTER SCIENCE   |
| 12 | Mr. RAJU BARBE                | COMPUTER SCIENCE   |

**STUDENT**

| S.N. | RO. NO. | CLASS                        | NAME OF STUDENT   |
|------|---------|------------------------------|-------------------|
| 1    | 420201  | B.Sc. COMPUTER SCIENCE SEM 4 | ABHISHEK MEENA    |
| 2    | 420202  | B.Sc. COMPUTER SCIENCE SEM 4 | AKSHAT JAIN       |
| 3    | 420203  | B.Sc. COMPUTER SCIENCE SEM 4 | ANIMESH SANKAT    |
| 4    | 420204  | B.Sc. COMPUTER SCIENCE SEM 4 | ANIRUDH CHOUDHARY |
| 5    | 420205  | B.Sc. COMPUTER SCIENCE SEM 4 | ARMAN TIWARI      |
| 6    | 420206  | B.Sc. COMPUTER SCIENCE SEM 4 | ARYAN TIWARI      |
| 7    | 420207  | B.Sc. COMPUTER SCIENCE SEM 4 | ASHISH JHA        |
| 8    | 420208  | B.Sc. COMPUTER SCIENCE SEM 4 | AYUSH DESHMUKH    |
| 9    | 420209  | B.Sc. COMPUTER SCIENCE SEM 4 | DEEPIKA GHOSHI    |



|    |        |                              |                        |
|----|--------|------------------------------|------------------------|
| 10 | 420210 | B.Sc. COMPUTER SCIENCE SEM 4 | DEEPTI RAJPUT          |
| 11 | 420211 | B.Sc. COMPUTER SCIENCE SEM 4 | DRASHTI JAIN           |
| 12 | 420212 | B.Sc. COMPUTER SCIENCE SEM 4 | HARSH CHANDEL          |
| 13 | 420213 | B.Sc. COMPUTER SCIENCE SEM 4 | HARSHITA PATEL         |
| 14 | 420214 | B.Sc. COMPUTER SCIENCE SEM 4 | HARSHITA PAWAR         |
| 15 | 420216 | B.Sc. COMPUTER SCIENCE SEM 4 | JAYANT POHARE          |
| 16 | 420217 | B.Sc. COMPUTER SCIENCE SEM 4 | KARTIK UPADHYAY        |
| 17 | 420218 | B.Sc. COMPUTER SCIENCE SEM 4 | KASHYAP KUBER          |
| 18 | 420219 | B.Sc. COMPUTER SCIENCE SEM 4 | KHUSHI SAHU            |
| 19 | 420220 | B.Sc. COMPUTER SCIENCE SEM 4 | KOMAL ENGLE            |
| 20 | 420221 | B.Sc. COMPUTER SCIENCE SEM 4 | MADHU AHIRWAR          |
| 21 | 420222 | B.Sc. COMPUTER SCIENCE SEM 4 | MAHIMA KOURAV          |
| 22 | 420223 | B.Sc. COMPUTER SCIENCE SEM 4 | MEENAL SAHU            |
| 23 | 420224 | B.Sc. COMPUTER SCIENCE SEM 4 | MOHIT KAINWAL          |
| 24 | 420225 | B.Sc. COMPUTER SCIENCE SEM 4 | MOHIT MALVIYA          |
| 25 | 420226 | B.Sc. COMPUTER SCIENCE SEM 4 | NAINCY SAINI           |
| 26 | 420227 | B.Sc. COMPUTER SCIENCE SEM 4 | NANDINI<br>SHRIVASTAVA |
| 27 | 420228 | B.Sc. COMPUTER SCIENCE SEM 4 | NEHA RANABHAT          |
| 28 | 420231 | B.Sc. COMPUTER SCIENCE SEM 4 | PREETI UIKEY           |
| 29 | 420232 | B.Sc. COMPUTER SCIENCE SEM 4 | RISHABH PANDAY         |





|    |        |                              |                               |
|----|--------|------------------------------|-------------------------------|
| 30 | 420233 | B.Sc. COMPUTER SCIENCE SEM 4 | SANCHITA SHRIVASTAV           |
| 31 | 420235 | B.Sc. COMPUTER SCIENCE SEM 4 | SANIDHYA SONGARA              |
| 32 | 420236 | B.Sc. COMPUTER SCIENCE SEM 4 | SATYAM SINGH BAGHEL           |
| 33 | 420237 | B.Sc. COMPUTER SCIENCE SEM 4 | SHIVA TIWARI                  |
| 34 | 420238 | B.Sc. COMPUTER SCIENCE SEM 4 | SHIVANI PANDEY                |
| 35 | 420240 | B.Sc. COMPUTER SCIENCE SEM 4 | SONAM PATEL                   |
| 36 | 420242 | B.Sc. COMPUTER SCIENCE SEM 4 | VARTIKA DUBEY                 |
| 37 | 420243 | B.Sc. COMPUTER SCIENCE SEM 4 | VINAY PRATAP SINGH BHADOURIYA |
| 38 | 420355 | B.Sc. COMPUTER SCIENCE SEM 4 | ANSHU SHARMA                  |
| 39 | 420356 | B.Sc. COMPUTER SCIENCE SEM 4 | KRISHNAKANT PARIHAR           |
| 40 | 420357 | B.Sc. COMPUTER SCIENCE SEM 4 | LEENA DESHMUKH                |
| 41 | 420358 | B.Sc. COMPUTER SCIENCE SEM 4 | TANUSHA BHOYAR                |
| 42 | 420523 | B.Sc. COMPUTER SCIENCE SEM 4 | MUSKAN VERMA                  |
| 43 | 420417 | B.Sc. COMPUTER SCIENCE SEM 4 | AASTHA SAHU                   |
| 44 | 420418 | B.Sc. COMPUTER SCIENCE SEM 4 | ABHIJEET DIWAN                |
| 45 | 420419 | B.Sc. COMPUTER SCIENCE SEM 4 | AKSHARA MISHRA                |
| 46 | 420421 | B.Sc. COMPUTER SCIENCE SEM 4 | AMIT SINGH DANGI              |
| 47 | 420422 | B.Sc. COMPUTER SCIENCE SEM 4 | ANAMIKA BHARGAV               |
| 48 | 420423 | B.Sc. COMPUTER SCIENCE SEM 4 | ANIKET RAI                    |
| 49 | 420425 | B.Sc. COMPUTER SCIENCE SEM 4 | AYUSHI SINHA                  |

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|    |        |                              |                          |
|----|--------|------------------------------|--------------------------|
| 50 | 420426 | B.Sc. COMPUTER SCIENCE SEM 4 | DEVIKA TAMRAKAR          |
| 51 | 420427 | B.Sc. COMPUTER SCIENCE SEM 4 | DEVYANSHI NEMA           |
| 52 | 420428 | B.Sc. COMPUTER SCIENCE SEM 4 | FAIZAN ALI               |
| 53 | 420430 | B.Sc. COMPUTER SCIENCE SEM 4 | JATIN SAHU               |
| 54 | 420431 | B.Sc. COMPUTER SCIENCE SEM 4 | LALIT KUMAR<br>CHOUDHARY |
| 55 | 420432 | B.Sc. COMPUTER SCIENCE SEM 4 | MANSI PURVIYA            |
| 56 | 420433 | B.Sc. COMPUTER SCIENCE SEM 4 | NAMAMI YADAV             |
| 57 | 420434 | B.Sc. COMPUTER SCIENCE SEM 4 | NEELOTPAL<br>SHARMA      |
| 58 | 420436 | B.Sc. COMPUTER SCIENCE SEM 4 | NIKITA GHOSLE            |
| 59 | 420437 | B.Sc. COMPUTER SCIENCE SEM 4 | NIKITA PARASHAR          |
| 60 | 420438 | B.Sc. COMPUTER SCIENCE SEM 4 | PADMAJA SHARMA           |
| 61 | 420439 | B.Sc. COMPUTER SCIENCE SEM 4 | PANKAJ DHURVE            |
| 62 | 420440 | B.Sc. COMPUTER SCIENCE SEM 4 | POOJA MALVI              |
| 63 | 420441 | B.Sc. COMPUTER SCIENCE SEM 4 | POOJA MUHARE             |
| 64 | 420442 | B.Sc. COMPUTER SCIENCE SEM 4 | PRATIK KASHYAP           |
| 65 | 420443 | B.Sc. COMPUTER SCIENCE SEM 4 | PRIYANKA BHALAVI         |
| 66 | 420444 | B.Sc. COMPUTER SCIENCE SEM 4 | PRIYANSHI                |
| 67 | 420445 | B.Sc. COMPUTER SCIENCE SEM 4 | ROSHNI GOUR              |
| 68 | 420447 | B.Sc. COMPUTER SCIENCE SEM 4 | SAKSHI GUPTA             |
| 69 | 420448 | B.Sc. COMPUTER SCIENCE SEM 4 | SAKSHI SOLANKI           |

|    |        |                              |                          |
|----|--------|------------------------------|--------------------------|
| 70 | 420449 | B.Sc. COMPUTER SCIENCE SEM 4 | SAMRADDHI GUPTA          |
| 71 | 420450 | B.Sc. COMPUTER SCIENCE SEM 4 | SHIVANGI PANDEY          |
| 72 | 420451 | B.Sc. COMPUTER SCIENCE SEM 4 | TARUSHI SINGH            |
| 73 | 420453 | B.Sc. COMPUTER SCIENCE SEM 4 | VIVEK RAWAT              |
| 74 | 420454 | B.Sc. COMPUTER SCIENCE SEM 4 | YACHI PATEL              |
| 75 | 420455 | B.Sc. COMPUTER SCIENCE SEM 4 | YASHIKA MOHANE           |
| 76 | 420465 | B.Sc. COMPUTER SCIENCE SEM 4 | HIMANI GOHITE            |
| 77 | 420488 | B.Sc. COMPUTER SCIENCE SEM 4 | KHUSHI DANGI             |
| 78 |        | B.Sc. COMPUTER SCIENCE SEM 4 |                          |
| 79 | 420417 | B.Sc. COMPUTER SCIENCE SEM 4 | AASTHA SAHU              |
| 80 | 420418 | B.Sc. COMPUTER SCIENCE SEM 4 | ABHIJEET DIWAN           |
| 81 | 420419 | B.Sc. COMPUTER SCIENCE SEM 4 | AKSHARA MISHRA           |
| 82 | 420421 | B.Sc. COMPUTER SCIENCE SEM 4 | AMIT SINGH DANGI         |
| 83 | 420422 | B.Sc. COMPUTER SCIENCE SEM 4 | ANAMIKA BHARGAV          |
| 84 | 420423 | B.Sc. COMPUTER SCIENCE SEM 4 | ANIKET RAI               |
| 85 | 420425 | B.Sc. COMPUTER SCIENCE SEM 4 | AYUSHI SINHA             |
| 86 | 420426 | B.Sc. COMPUTER SCIENCE SEM 4 | DEVIKA TAMRAKAR          |
| 87 | 420427 | B.Sc. COMPUTER SCIENCE SEM 4 | DEVYANSHI NEMA           |
| 88 | 420428 | B.Sc. COMPUTER SCIENCE SEM 4 | FAIZAN ALI               |
| 89 | 420430 | B.Sc. COMPUTER SCIENCE SEM 4 | JATIN SAHU               |
| 90 | 420431 | B.Sc. COMPUTER SCIENCE SEM 4 | LALIT KUMAR<br>CHOUDHARY |
| 91 | 420432 | B.Sc. COMPUTER SCIENCE SEM 4 | MANSI PURVIYA            |
| 92 | 420433 | B.Sc. COMPUTER SCIENCE SEM 4 | NAMAMI YADAV             |
| 93 | 420434 | B.Sc. COMPUTER SCIENCE SEM 4 | NEELOTPAL<br>SHARMA      |
| 94 | 420436 | B.Sc. COMPUTER SCIENCE SEM 4 | NIKITA GHOSLE            |
| 95 | 420437 | B.Sc. COMPUTER SCIENCE SEM 4 | NIKITA PARASHAR          |
| 96 | 420438 | B.Sc. COMPUTER SCIENCE SEM 4 | PADMAJA SHARMA           |
| 97 | 420439 | B.Sc. COMPUTER SCIENCE SEM 4 | PANKAJ DHURVE            |
| 98 | 420440 | B.Sc. COMPUTER SCIENCE SEM 4 | POOJA MALVI              |

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|-----|--------|------------------------------|--------------------------|
| 99  | 420441 | B.Sc. COMPUTER SCIENCE SEM 4 | POOJA MUHARE             |
| 100 | 420442 | B.Sc. COMPUTER SCIENCE SEM 4 | PRATIK KASHYAP           |
| 101 | 420443 | B.Sc. COMPUTER SCIENCE SEM 4 | PRIYANKA BHALAVI         |
| 102 | 420444 | B.Sc. COMPUTER SCIENCE SEM 4 | PRIYANSHI                |
| 103 | 420445 | B.Sc. COMPUTER SCIENCE SEM 4 | ROSHNI GOUR              |
| 104 | 420447 | B.Sc. COMPUTER SCIENCE SEM 4 | SAKSHI GUPTA             |
| 105 | 420448 | B.Sc. COMPUTER SCIENCE SEM 4 | SAKSHI SOLANKI           |
| 106 | 420449 | B.Sc. COMPUTER SCIENCE SEM 4 | SAMRADDHI GUPTA          |
| 107 | 420450 | B.Sc. COMPUTER SCIENCE SEM 4 | SHIVANGI PANDEY          |
| 108 | 420451 | B.Sc. COMPUTER SCIENCE SEM 4 | TARUSHI SINGH            |
| 109 | 420453 | B.Sc. COMPUTER SCIENCE SEM 4 | VIVEK RAWAT              |
| 110 | 420454 | B.Sc. COMPUTER SCIENCE SEM 4 | YACHI PATEL              |
| 111 | 420455 | B.Sc. COMPUTER SCIENCE SEM 4 | YASHIKA MOHANE           |
| 112 | 420465 | B.Sc. COMPUTER SCIENCE SEM 4 | HIMANI GOHITE            |
| 113 | 420488 | B.Sc. COMPUTER SCIENCE SEM 4 | KHUSHI DANGI             |
| 114 | 420417 | B.Sc. COMPUTER SCIENCE SEM 4 | AASTHA SAHU              |
| 115 | 420418 | B.Sc. COMPUTER SCIENCE SEM 4 | ABHIJEET DIWAN           |
| 116 | 420419 | B.Sc. COMPUTER SCIENCE SEM 4 | AKSHARA MISHRA           |
| 117 | 420421 | B.Sc. COMPUTER SCIENCE SEM 4 | AMIT SINGH DANGI         |
| 118 | 420422 | B.Sc. COMPUTER SCIENCE SEM 4 | ANAMIKA BHARGAV          |
| 119 | 420423 | B.Sc. COMPUTER SCIENCE SEM 4 | ANIKET RAI               |
| 120 | 420425 | B.Sc. COMPUTER SCIENCE SEM 4 | AYUSHI SINHA             |
| 121 | 420426 | B.Sc. COMPUTER SCIENCE SEM 4 | DEVIKA TAMRAKAR          |
| 122 | 420427 | B.Sc. COMPUTER SCIENCE SEM 4 | DEVYANSHI NEMA           |
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| 126 | 420432 | B.Sc. COMPUTER SCIENCE SEM 4 | MANSI PURVIYA            |
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| 129 | 420436 | B.Sc. COMPUTER SCIENCE SEM 4 | NIKITA GHOSLE            |
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| 132 | 420439 | B.Sc. COMPUTER SCIENCE SEM 4 | PANKAJ DHURVE            |
| 133 | 420440 | B.Sc. COMPUTER SCIENCE SEM 4 | POOJA MALVI              |
| 134 | 420441 | B.Sc. COMPUTER SCIENCE SEM 4 | POOJA MUHARE             |

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|-----|--------|------------------------------|-------------------------------|
| 135 | 420442 | B.Sc. COMPUTER SCIENCE SEM 4 | PRATIK KASHYAP                |
| 136 | 420443 | B.Sc. COMPUTER SCIENCE SEM 4 | PRIYANKA BHALAVI              |
| 137 | 420444 | B.Sc. COMPUTER SCIENCE SEM 4 | PRIYANSHI                     |
| 138 | 420445 | B.Sc. COMPUTER SCIENCE SEM 4 | ROSHNI GOUR                   |
| 139 | 420447 | B.Sc. COMPUTER SCIENCE SEM 4 | SAKSHI GUPTA                  |
| 140 | 420448 | B.Sc. COMPUTER SCIENCE SEM 4 | SAKSHI SOLANKI                |
| 141 | 420449 | B.Sc. COMPUTER SCIENCE SEM 4 | SAMRADDHI GUPTA               |
| 142 | 420450 | B.Sc. COMPUTER SCIENCE SEM 4 | SHIVANGI PANDEY               |
| 143 | 420451 | B.Sc. COMPUTER SCIENCE SEM 4 | TARUSHI SINGH                 |
| 144 | 420453 | B.Sc. COMPUTER SCIENCE SEM 4 | VIVEK RAWAT                   |
| 145 | 420454 | B.Sc. COMPUTER SCIENCE SEM 4 | YACHI PATEL                   |
| 146 | 420455 | B.Sc. COMPUTER SCIENCE SEM 4 | YASHIKA MOHANE                |
| 147 | 420465 | B.Sc. COMPUTER SCIENCE SEM 4 | HIMANI GOHITE                 |
| 148 | 420488 | B.Sc. COMPUTER SCIENCE SEM 4 | KHUSHI DANGI                  |
| 149 | 420253 | B.Sc. ELECTRONICS SEM 4      | ADARSH BHARGAV                |
| 150 | 420254 | B.Sc. ELECTRONICS SEM 4      | AKHIL KATIYAR                 |
| 151 | 420257 | B.Sc. ELECTRONICS SEM 4      | AYUSHI MALVIYA                |
| 152 | 420258 | B.Sc. ELECTRONICS SEM 4      | BHAVNESH DHOTE                |
| 153 | 420259 | B.Sc. ELECTRONICS SEM 4      | DEEPSHIKHA                    |
| 154 | 420260 | B.Sc. ELECTRONICS SEM 4      | DEVENDRA KUMAR<br>VISHWAKARMA |
| 155 | 420261 | B.Sc. ELECTRONICS SEM 4      | FALGUNI<br>CHOUDHARY          |
| 156 | 420262 | B.Sc. ELECTRONICS SEM 4      | GOPAL RAJPUT                  |
| 157 | 420263 | B.Sc. ELECTRONICS SEM 4      | KUNAL PRAJAPATI               |
| 158 | 420264 | B.Sc. ELECTRONICS SEM 4      | LOKESH RAJPUT                 |
| 159 | 420265 | B.Sc. ELECTRONICS SEM 4      | MAHIMA<br>KHADIPURE           |
| 160 | 420266 | B.Sc. ELECTRONICS SEM 4      | MOHIT RAJPUT                  |
| 161 | 420267 | B.Sc. ELECTRONICS SEM 4      | NIKITA THAKUR                 |
| 162 | 420269 | B.Sc. ELECTRONICS SEM 4      | NISHI SAXENA                  |
| 163 | 420270 | B.Sc. ELECTRONICS SEM 4      | OM LADKE                      |
| 164 | 420271 | B.Sc. ELECTRONICS SEM 4      | POOJA MALAVIYA                |
| 165 | 420272 | B.Sc. ELECTRONICS SEM 4      | PURVEE MALVI                  |
| 166 | 420274 | B.Sc. ELECTRONICS SEM 4      | RAJ SAHU                      |
| 167 | 420276 | B.Sc. ELECTRONICS SEM 4      | SANJAY MISHRA                 |
| 168 | 420277 | B.Sc. ELECTRONICS SEM 4      | SHIVANI<br>VISHWAKARMA        |

|     |        |                             |                               |
|-----|--------|-----------------------------|-------------------------------|
| 169 | 420278 | B.Sc. ELECTRONICS SEM 4     | SUMIT SINGH<br>BAGHEL         |
| 170 | 420280 | B.Sc. ELECTRONICS SEM 4     | VIPASNA SURJAYE               |
| 171 | 420281 | B.Sc. ELECTRONICS SEM 4     | YASH SHARMA                   |
| 172 | 420282 | B.Sc. ELECTRONICS SEM 4     | YOGESH KUMAR<br>YADAV         |
| 173 | 420253 | B.Sc. ELECTRONICS SEM 4     | ADARSH BHARGAV                |
| 174 | 420254 | B.Sc. ELECTRONICS SEM 4     | AKHIL KATIYAR                 |
| 175 | 420257 | B.Sc. ELECTRONICS SEM 4     | AYUSHI MALVIYA                |
| 176 | 420258 | B.Sc. ELECTRONICS SEM 4     | BHAVNESH DHOTE                |
| 177 | 420259 | B.Sc. ELECTRONICS SEM 4     | DEEPSHIKHA                    |
| 178 | 420260 | B.Sc. ELECTRONICS SEM 4     | DEVENDRA KUMAR<br>VISHWAKARMA |
| 179 | 420261 | B.Sc. ELECTRONICS SEM 4     | FALGUNI<br>CHOUDHARY          |
| 180 | 420262 | B.Sc. ELECTRONICS SEM 4     | GOPAL RAJPUT                  |
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| 182 | 420264 | B.Sc. ELECTRONICS SEM 4     | LOKESH RAJPUT                 |
| 183 | 420265 | B.Sc. ELECTRONICS SEM 4     | MAHIMA<br>KHADIPURE           |
| 184 | 420266 | B.Sc. ELECTRONICS SEM 4     | MOHIT RAJPUT                  |
| 185 | 420267 | B.Sc. ELECTRONICS SEM 4     | NIKITA THAKUR                 |
| 186 | 420269 | B.Sc. ELECTRONICS SEM 4     | NISHI SAXENA                  |
| 187 | 420270 | B.Sc. ELECTRONICS SEM 4     | OM LADKE                      |
| 188 | 420271 | B.Sc. ELECTRONICS SEM 4     | POOJA MALAVIYA                |
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| 190 | 420274 | B.Sc. ELECTRONICS SEM 4     | RAJ SAHU                      |
| 191 | 420276 | B.Sc. ELECTRONICS SEM 4     | SANJAY MISHRA                 |
| 192 | 420277 | B.Sc. ELECTRONICS SEM 4     | SHIVANI<br>VISHWAKARMA        |
| 193 | 420278 | B.Sc. ELECTRONICS SEM 4     | SUMIT SINGH<br>BAGHEL         |
| 194 | 420280 | B.Sc. ELECTRONICS SEM 4     | VIPASNA SURJAYE               |
| 195 | 420281 | B.Sc. ELECTRONICS SEM 4     | YASH SHARMA                   |
| 196 | 420282 | B.Sc. ELECTRONICS SEM 4     | YOGESH KUMAR<br>YADAV         |
| 197 | 420254 | B.Sc. FORNSIC SCIENCE SEM 4 | AKHIL KATIYAR                 |
| 198 | 420257 | B.Sc. FORNSIC SCIENCE SEM 4 | AYUSHI MALVIYA                |

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|     |        |                             |                               |
|-----|--------|-----------------------------|-------------------------------|
| 199 | 420258 | B.Sc. FORNSIC SCIENCE SEM 4 | BHAVNESH DHOTE                |
| 200 | 420259 | B.Sc. FORNSIC SCIENCE SEM 4 | DEEPSHIKHA                    |
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 विभागाध्यक्ष.  
 कम्प्यूटर विज्ञान  
 विभाग, महाराष्ट्र शासन  
 कोषाध्यक्ष  
 HEAD OF DEPARTMENT  
 (COMPUTER SCIENCE)



A Project Report On-

**“Synthesis of Pure Lithium Ion Battery  
Compounds-  $\text{LiCoO}_2$  &  $\text{LiCrO}_2$  and their  
Characterization by Raman Spectroscopy”**

Submitted in Partial Fulfillment

For the award of the

**Degree of Masters of Science (Physics)**

In Department of Physics & Electronics,

**Institute for Excellence in Higher Education, Bhopal**



(Academic Session- 2018-2020)

**Project Guide-**

**Submitted By-**

Dr. Alka B. Garg

Scientific Officer (H), B.A.R.C.

Ms. Apoorva Kushwah, 718151

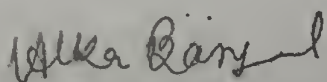
M. Sc. (Physics), I.E.H.E.



**Institute for Excellence in Higher**  
**Education (I.E.H.E.)**

**Certificate**

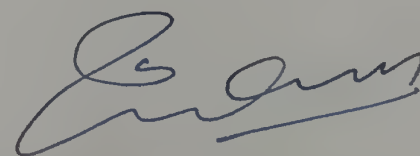
This is to certify that this project work entitled "Synthesis of Pure Lithium Ion Battery Compounds-  $\text{LiCoO}_2$  &  $\text{LiCrO}_2$  and their Characterization by Raman Spectroscopy" has been completed and is submitted to the Department of Physics & Electronics, Institute for Excellence in Higher Education (I.E.H.E.), Bhopal for the fulfillment of the requirement for the award of the degree of Masters of Science in Physics by the final year student Apoorva Kushwah (718151), M.Sc. (Physics) of the institute under the guidance of Dr. Alka B. Garg, Scientific Officer (H), B.A.R.C., Mumbai.



10.09.2020

**Dr. Alka B. Garg,**  
Scientific Officer (H),  
HP&SRPD, B.A.R.C., Mumbai

डॉ. अल्का बी. गर्ग / Dr. Alka B. Garg  
अध्यक्ष, नवीनतम पदार्थ भौतिकी अनुभाग,  
Head, Novel Material Physics Section  
एच पी एवं एस आर पी डी, बी ए-आर सी, ट्रॉम्बे,  
HP&SRPD, BARC, Trombay,  
मुंबई / Mumbai - 400085

for 

**Dr, Shirish Joshi**  
H.O.D., Physics & Electronics Dept.  
I.E.H.E., Bhopal

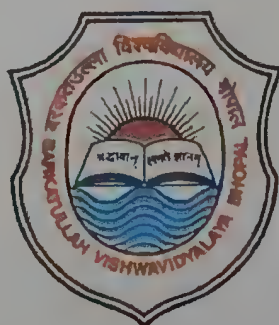
**INSTITUTE FOR EXCELLENCE IN HIGHER  
EDUCATION, BHOPAL**



A PROJECT REPORT ON

**“DOPED LITHIUM ION BATTERY  
COMPOUNDS”**

Submitted in Partial Fulfilment of Requirements for the Award of  
Degree of Master of Science (Physics)



SUBMITTED TO

**BARKATULLAH UNIVERSITY, BHOPAL**

SUBMITTED BY

**Apoorvi Gupta**

**718152**

**JUNE 2020**

# INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL

## CERTIFICATE



This is to certify that the work embodies in this minor project work entitled "Doped Lithium Ion Battery Compounds" being submitted by Apoorvi Gupta (718152) in partial fulfilment of the requirement for the award of Master in Physics to Barkatullah University, Bhopal (M.P.) during the academic year 2019-20.

*Alka B. Garg*

**Dr. Alka B. Garg**  
Scientific Officer (H)  
HP&SRPD, B.A.R.C., Mumbai

for

**Dr, Shirish Joshi**  
H.O.D., Physics & Electronics Dept  
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डॉ. अल्का बी. गर्ग / Dr. Alka B. Garg

अध्यक्ष, नवोदय पदार्थ भौतिकी अनुभाग,

Head, Novel Material Physics Section

एच.पी.एंड.एस.आर.पी.डी. बी.आर.सी. ट्रोम्बे,

HP&SRPD B.A.R.C. Trombay,

मुंबई 400085

# STUDY OF TRANSIENT FEATURES OF LAKES ON TITAN's POLAR REGIONS USING SAR DATA OF CASSINI-HUYGENS MISSION

Dissertation submitted to Institute for Excellence in Higher Education(IEHE), Bhopal  
in partial fulfilment of the requirement for the award of *Master of Physics*



**Submitted By :**

Ayushi Sengar

**Supervised By :**

Dr. Shashi Kumar  
Scientist/Engineer – 'SE'  
Photogrammetry & Remote Sensing Department  
Indian Institute of Remote Sensing  
Dehradun

Dr. Shirish Kumar Joshi  
Head of Department  
Physics Department  
IEHE, Bhopal  
Bhopal



Indian Institute of Remote Sensing, ISRO  
Dept. of Space, Govt. of India, Dehradun – 248001  
Uttarakhand, India  
June-2020



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अंतरिक्ष विभाग  
भारतीय सुदूर संवेदन संस्थान  
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Government of India  
Department of Space  
Indian Institute of Remote Sensing  
4, Kalidas Road, P.B. No. 135,  
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Telephone : +91-135-2524399  
Fax : +91-135-2741987, 2748041

## CERTIFICATE

This is to certify that dissertation entitled “*STUDY OF TRANSIENT FEATURES OF LAKES ON TITAN’S POLAR REGIONS USING SAR DATA OF CASSINI-HUYGENS MISSION*” has been completed by *Ms. Ayushi Sengar*, in partial fulfillment of the requirement for the award of **Master of Physics** from *Institute for Excellence in Higher Education, Bhopal, India*.

*Ms. Ayushi Sengar* has completed her 6-months project work under the guidance of *Dr. Shashi Kumar, Scientist/Engineer ‘SE’*, of Photogrammetry and Remote Sensing Department of Indian Institute of Remote Sensing (IIRS), Indian Space Research Organisation (ISRO), Dehradun, India.

*Shashi Kumar*  
24/08/2020

**Dr. Shashi Kumar**  
Scientist/Engineer – ‘SE’  
Photogrammetry & Remote Sensing Department

Date : 24/08/2020

Place : Dehradun

शशि कुमार / Shashi Kumar  
वैज्ञानिक/अभियंता / Scientist/Engineer  
फोटोग्राम्मेट्री एवं सुदूर संवेदन विभाग, अंतरिक्ष एवं अंतरिक्ष  
फोटोग्राम्मेट्री & Remote Sensing Department, RS-866  
भारतीय सुदूर संवेदन संस्थान / Indian Institute of Remote Sensing  
भारतीय अंतरिक्ष अनुसंधान संगठन / Indian Space Research Organisation  
अंतरिक्ष विभाग, भारत सरकार / Department of Space, Government of India  
कालिदास मार्ग, देहरादून - 248 001 / 4, Kalidas Rd, Dehradun

**PROJECT REPORT**  
**ON**  
**REFLECTANCE SPECTROSCOPY**  
**A POWERFUL TOOL FOR STUDYING PLANETARY SURFACE COMPOSITION**

Submitted to  
**INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL**



Department of Physics and Electronics  
In partial fulfilment for the award of the degree of  
**Master in Science (Physics)**

By  
**Diksha Dhakde**  
Under the Guidance of  
**Dr. NEERAJ SRIVASTAVA (SCIENTIST)**

Planetary Science Division  
**PHYSICAL RESEARCH LABORATORY, AHMEDABAD, GUJRAT**



**Physical Research  
Laboratory (PRL)**

भौतिक अनुसंधान प्रयोगशाला  
(भारत सरकार, अंतरिक्ष विभाग की यूनिट)  
नवरंगपुरा, अहमदाबाद—380 009, भारत.



Physical Research Laboratory  
(A Unit of Dept. of Space, Govt. of India)  
Navrangpura, Ahmedabad—380 009, India

*This is to certify that*

*Ms. Diksha Dhakde*

*Of*

*Institute for Excellence in Higher Education, Bhopal*

*worked at this Laboratory on the project,*

*"Reflectance spectroscopy - A powerful tool  
for studying planetary surface composition"*

*during*

*06 January to 06 May, 2020*

*under the Supervision of Dr. Neeraj Srivastva,*

*Planetary Science Division,*

*Physical Research Laboratory.*

*Dr. Neeraj Srivastva*

*Dr. Neeraj Srivastva*

*Project Supervisor*

*31st August 2020*

*Raju*  
*31 Aug 2020*

*Prof. D. Pallam Raju*

*Dean, PRL*

प्रो. डी. पल्लम राजू Prof. D. Pallam Raju  
वरिष्ठ प्रोफेसर एवं डीन Senior Professor & Dean



फोन Phone : 91(0) 79-26314000 | फेक्स Fax : 91(0)70 26314900 | ई-मेल E-mail : info@prl.res.in



# Time-Frequency Analysis of lightning signals

Dissertation submitted to Institute for Excellence in Higher Education, Bhopal in partial fulfillment of the award of

*Master of physics*



Institute for Excellence in Higher Education (IEHE), Bhopal

Submitted By

GAGAN DHOTE, M.Sc. Physics, IEHE, Bhopal

Under the guidance of

Dr. Shirish Joshi

HOD, Department of Physics and Electronics, IEHE Bhopal

&

Dr. Jayesh P. Pabari

Physical Research Laboratory, Ahmedabad



भौतिक अनुसंधान प्रयोगशाला  
Physical Research Laboratory

Physical Research Laboratory, Navrangpura, Ahmedabad



भौतिक अनुसंधान प्रयोगशाला  
(भारत सरकार, अंतरिक्ष विभाग की यूनिट)  
नवरंगपुरा, अहमदाबाद - 380 009, भारत.



**Physical Research Laboratory**  
(A Unit of Dept. of Space, Govt. of India)  
Navrangpura, Ahmedabad - 380 009, India

## PROVISIONAL CERTIFICATE

*This is to certify that*

*Mr. Gagan Dhote*

*(718155)*

*of*

*Institute for Excellence in Higher Education, Bhopal*

*has successfully completed his dissertation work on*

*"Time-Frequency Analysis of Lightning Signals"*

*in the PLANEX group of*

*Physical Research Laboratory, Ahmedabad*

*during 21 January 2020-30 June 2020 under the supervision of Dr. Jayesh P. Pabari.*

Date 7/9/2020

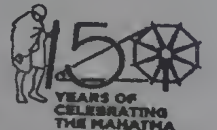
(Dr. Jayesh P. Pabari)

Researcher, PLANEX

PRL, Ahmedabad



फोन Phone : 91(O) 79-26314000 | फैक्स Fax: 91-(O)79 26314900 | ई-मेल E-mail : Info@prl.res.in



# Study of AOT, TCO AND WV of the Lower and Middle atmosphere using Microtops II Sunphotometer

Thesis submitted to the Institute for Excellence in Higher Education  
Bhopal in partial fulfilment of the requirement for the degree of  
Master of Sciences in Physics



Dissertation Submitted By:

**Hrishikesh Dubey**

Under the guidance of:

**Dr. Som Kumar Sharma**

Space and Atmospheric Sciences Division,  
Physical Research Laboratory, Ahmedabad

Work carried out at Physical Research Laboratory, Ahmedabad



**Physical Research  
Laboratory (PRL)**

JUNE-2020



## CERTIFICATE

This is to certify that the project entitled "*STUDY OF AOT, TCO AND WV OF THE LOWER AND MIDDLE ATMOSPHERE USING MICROTOS II SUNPHOTOMETER*" submitted by Mr. Hrishikesh Dubey to the Institute for Excellence in Higher Education, Bhopal, contains original results of the work carried out under my guidance at the Physical Research Laboratory, Ahmedabad. The work presented in this thesis has not been submitted before for the award of any degree or diploma to any other university or institution.

डॉ. सोम कुमार शर्मा Dr. Som Kumar Sharma  
एसोसिएट प्रोफेसर Associate Professor  
भौतिक अनुसंधान प्रयोगशाला  
Physical Research Laboratory  
(भारत सरकार, अंतरिक्ष विभाग की यूनिट)  
(A Unit of Department of Space, Govt. of India)  
नवरंगपुरा, अहमदाबाद - 380009  
Navrangpura, Ahmedabad-380009

Dr. Som Kumar Sharma  
(Project Guide)  
Space and Atmospheric Sciences Division  
Physical Research Laboratory,  
Ahmedabad-380009, INDIA

# Deposition of Aluminum Nitride Thin Films by RF Magnetron Sputtering

*A*

*Project work*

Submitted for the partial fulfillment for the degree of

## **MASTER OF SCIENCE IN PHYSICS**

Submitted by

**MS. LAKSHMI PRAJAPATI**

M.Sc. IV Semester (Physics)

Under the Guidance of

**Guide**



**Dr. Neha Sharma**  
Scientific Officer-E  
Material Science Section  
Material Science Group  
Raja Ramanna Centre for Advanced  
Technology (RRCAT)  
Department of Atomic Energy  
Indore, India-452013

**Co-guide**



**Dr. Shirish Kumar Joshi**  
HOD  
Department of Physics  
and Electronic  
Institute for Excellence in  
Higher Education, Bhopal

SUBMITTED TO  
DEPARTMENT OF PHYSICS & ELECTRONICS  
INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION (AUTONOMOUS), BHOPAL  
Reaccredited "A" By NAAC





Government of India

Department of Atomic Energy

Raja Ramanna centre for Advanced Technology

Indore- 452013



### CERTIFICATE

This is to certify that the project work "Deposition of Aluminum Nitride Thin Film by RF Magnetron Sputtering" submitted by Ms. Lakshmi Prajapati, M.Sc. Department of Physics and Electronics, Institute for Excellence in Higher Education, Bhopal, is hereby approved as credible work carried out by her during the period January 2020 to July 2020, under our supervision, in the laboratory as well as over the online discussion during the lockdown period. The work has been presented in a manner suitable to warrant acceptance towards the fulfillment of required for the award of the degree of MASTER of science in Physics, Institute for excellence in Higher Education, Bhopal.

*Neha Sharma*  
25-08-2020

Dr. Neha Sharma

SO/E

*[Signature]*  
25/08/2020

Dr. Tarun Kumar Sharma

Head of Materials

Science Section

डॉ. तरुण कुमार शर्मा / Dr. Tarun Kumar Sharma  
मुख्य, पदार्थ विज्ञान अनुभाग / Head, Materials Science Section

*[Signature]*  
25/08/2020

Dr. Vijay Kumar Dixit

Head of Semiconductor

Materials Laboratory

डॉ. विजय कुमार दीक्षित / Dr. Vijay Kumar Dixit  
मुख्य, अर्धचालक पदार्थ प्रयोगशाला / Head, Semiconductor Materials Lab  
भारत सरकार / Government of India  
परमाणु ऊर्जा विभाग / Department of Atomic Energy  
राजा रामन्ना प्रगत प्रौद्योगिकी केन्द्र  
Raja Ramanna Centre for Advanced Technology  
इन्दौर केन्द्र, इन्दौर / P.O. CAT, Indore-452 013

प्रोजेक्ट ग्राइडिंग ऑफिस  
भारत सरकार, परमाणु ऊर्जा विभाग  
Department of Atomic Energy  
राजा रामन्ना प्रगत प्रौद्योगिकी केन्द्र  
Raja Ramanna Centre for Advanced Technology  
इन्दौर / Indore-452013 (M.P.)



**MORPHOLOGICAL EVOLUTION OF THE TOTAL ELECTRON  
CONTENT (TEC) OF THE IONOSPHERE OVER HYDERABAD, A NEAR  
EQUATORIAL CREST REGION DURING 2004-2013**

Dissertation submitted to

**Institute for Excellence in Higher Education**

In partial fulfillment of the requirements

for the award of

**Master of Science**

in

**Physics**

by

**Mini Rajput**

**Space Physics Laboratory, Vikram Sarabhai Space Centre  
Thiruvananthapuram 695022, India**

**August 2020**

भारत सरकार  
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HTTPS: www.spl.gov.in/SPI

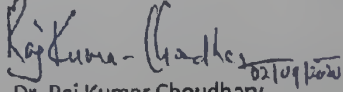


Government of India  
Department of Space  
Vikram Sarabhai Space Centre  
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## SPACE PHYSICS LABORATORY

### CERTIFICATE

This is to certify that the thesis entitled "Morphological evolution of the total electron content (TEC) of the ionosphere over near equatorial crest region, Hyderabad during 2004-2013" submitted by Ms. Mini Rajput to the Institute for Excellence in Higher Education, Bhopal, contains original results of the work carried out under my guidance at the Space Physics Laboratory, Vikram Sarabhai Space Centre, Thiruvananthapuram. The work presented in this thesis has not been submitted before for the award of any other degree or diploma to any other university or institution.

  
Dr. Raj Kumar Choudhary  
(Supervisor)

डॉ राज कुमार चौधरी  
DR. RAJ KUMAR CHOUDHARY  
अनुभाग प्रधान, आर एस आई एम  
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विक्रम साराभाई अंतरिक्ष केन्द्र  
Vikram Sarabhai Space Centre  
भारत सरकार/Government of India  
अंतरिक्ष विभाग/Department of Space  
तिरुवनन्तपुरम/Thiruvananthapuram-695 022



भारतीय अंतरिक्ष अनुसंधान संगठन



Indian Space Research Organisation

# **A review on the structure, properties, synthesis and application of MoS<sub>2</sub>**

*Dissertation submitted by*

**PRABUDDHA SOLANKI**

*completed at*

**Council of Scientific and Industrial Research**

**Advanced Materials and Processes Research Institute**



**सीएसआईआर- एम्प्री**  
**CSIR-AMPRI**

*in partial fulfilment for the award of the degree of*

**MASTER OF SCIENCE IN**

**PHYSICS**



**DEPARTMENT OF PHYSICS AND ELECTRONICS**

**INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL**

**BARKATULLAH UNIVERSITY, BHOPAL (M.P.)**

**JUNE-2020**



# **"SOLAR CYCLE STUDIES OF SUNSPOT GROUP NUMBER"**

*Project report*

*Submitted to*

**INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL**

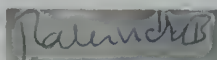
*In partial fulfillment of the award of the degree of*

**Master in Science (Physics)**

By

**Priyanshi Jain (718160)**

Under the supervision of



**Dr. Ravindra B.**

**Associate Professor**

**Indian Institute of Astrophysics, Bangalore**

And



**Mr. Kumervel Pichamani**

**Technical Associate**

**Kodaikanal Solar Observatory (KSO), Kodaikanal**

*Session 2019-2020*



Kodaikanal Solar Observatory,  
Indian Institute of Astrophysics  
Tamil Nadu-62410



Department of Physics  
IEHE, Bhopal  
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भारतीय ताराभौतिकी संस्थान  
INDIAN INSTITUTE OF ASTROPHYSICS  
HQ. बेंगलूर / BANGALORE - 560 034.

KODAIKANAL SOLAR OBSERVATORY KODAIKANAL - 624 101. TAMILNADU

## WHOM SO EVER IT MAY CONCERN

This is to certify that the project entitled "SOLAR CYCLE STUDIES OF SUNSPOT GROUP NUMBER", submitted for the award for the degree of Master of Science in Physics by Miss. Priyanshi Jain is recorded for the original research work carried out by her under external joint supervision and guidance of Dr. Ravindra B and Mr. Kumaravel, Kodaikanal Solar Observatory, Indian Institute of Astrophysics, Kodaikanal. This work has not formed the basis for the award of any degree, diploma, associateship and fellowship in this or any other University or Institute of higher learning

Date: 21/07/2020  
Place: Kodaikanal

(Dr. Ravindra B)

(Mr. Kumaravel P)

# **Structural and Vibrational Studies on Cu Doped ZnO at High Pressure and Low Temperature**

Submitted in partial fulfillment of the requirements for the  
degree of

## **Master of Science in Physics**

By

**SHIKHA PATEL**

Under the guidance of

**Dr. NANDINI GARG**



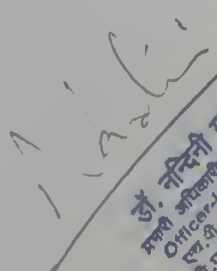
September, 2020



Government of India  
Department of Atomic Energy  
Bhabha Atomic Research Centre  
Mumbai-400085

*Certificate*

This is to certify that the thesis entitled "Structural and Vibrational Studies on Cu Doped ZnO at High Pressure and Low Temperature" submitted by Ms. Shikha Patel to the Institute for Excellence in Higher Education, Bhopal contains original results of the work carried out under my guidance at the Bhabha Atomic Research Centre, Mumbai. The work presented in this thesis has not been submitted before for the award of any degree or diploma to any other university or institution.

  
डॉ. नन्दिनी गर्ग/Dr. Nandini Garg  
महोदय/महोदया, एच.प्रेस. एंड. सिंक्रोट्रॉन प्रयोगशाला,  
Officer-in-Charge HPX-Ray D Lab,  
एच.प्रेस. एंड. सिंक्रोट्रॉन प्रयोगशाला/HP & SRPD,  
बी.आर.सी. मुंबई/BARC, मुंबई/Trombay,  
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Dr. Nandini Garg

Scientific Officer (II)

High Pressure & Synchrotron Radiation Physics Division

Bhabha Atomic Research Centre



**HANDS ON TRAINING ON ARPES BEAMLINE OF INDUS-1  
SYNCHROTRON RADIATION SOURCE**



**DISSERTATION**

*Submitted by*

**SHIVANGI GUPTA**

*in partial fulfilment for the award of the degree of*

**MASTER OF SCIENCE IN**

**PHYSICS**

**INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL**

**DEPARTMENT OF**

**PHYSICS AND ELECTRONICS**

**BARKATULLAH UNIVERSITY, BHOPAL (M.P.)**

**JULY-2020**

*work carried out at*

**RAJA RAMANNA CENTRE FOR ADVANCED TECHNOLOGY, INDORE**





Government of India  
Department of Atomic Energy



Raja Ramanna Centre for Advanced Technology (RRCAT)  
Indore-452013, INDIA

**CERTIFICATE**

This is to certify that the work described in the project report entitled “Hands on Training on ARPES Beamline of Indus-1 Synchrotron Radiation Source”, submitted by Ms. Shivangi Gupta is a record of the original research work carried out by her during the period of January 2020 to July 2020, under the guidance of Dr. Shilpa Tripathi at the ARPES beamline of Indus-1, Raja Ramanna Centre for Advanced Technology, Indore (M.P.). This work is submitted to the Institute for Excellence in Higher Education, Bhopal towards the partial fulfilment of the requirement for the award of the degree of Master of Science in “PHYSICS”.

Project Guide

*Shilpa*  
30/07/2020

Dr. Shilpa Tripathi  
Scientific Officer,  
Beamline Development and  
Application section  
BARC, Mumbai, India  
&

BARC Beamline Section  
RRCAT, Indore (M.P.), India

वैज्ञानिक अधिकारी/Scientific Officer  
भारत सरकार/Government of India  
परमाणु ऊर्जा विभाग/Department of Atomic Energy  
राजा रामन्ना प्रगत प्रौद्योगिकी केन्द्र  
Raja Ramanna Centre for Advanced Technology  
डाकघर केट, इन्दौर/P.O. CAT, INDORE-452013.

Head of the Department,

*Shambhu Nath Jha*  
30/7/2020

Dr. S. N. Jha  
Head,  
Beamline Development and  
Application section,  
BARC, Mumbai, India  
&

BARC Beamline Section  
RRCAT, Indore(M.P.), India

डॉ. शम्भुनाथ झा/Dr. S. N. JHA  
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Head, BARC Beamline Section  
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राजा रामन्ना प्रगत प्रौद्योगिकी केन्द्र  
Raja Ramanna Centre for Advanced Technology  
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**A Morphological Study on the Total Electron Content (TEC) of  
the Ionosphere over the Equatorial Crest region, Bhopal  
during 2004-2013**

Thesis submitted to

**Institute for Excellence in Higher Education, Bhopal**

In partial fulfillment of the requirements

for the degree of

**Master of Science**

in

**Physics**

Under the guidance of

**Dr. Raj Kumar Choudhary**

Space Physics Laboratory  
Vikram Sarabhai Space Centre  
Thiruvananthapuram

By

**Vandita Thakur**

Institute for Excellence in Higher Education  
Bhopal  
India  
August 2020

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## SPACE PHYSICS LABORATORY

### CERTIFICATE

This is to certify that the thesis entitled "A morphological study on the Total Electron Content (TEC) of the Ionosphere over equatorial crest region, Bhopal during 2004-2013" submitted by Ms. Vandita Thakur to the Institute for Excellence in Higher Education, Bhopal, contains original results of the work carried out under my guidance at the Space Physics Laboratory, Vikram Sarabhai Space Centre, Thiruvananthapuram. The work presented in this thesis has not been submitted before for the award of any other degree or diploma to any other university or institution.

*Raj Kumar Choudhary* 24/9/2020

Dr. Raj Kumar Choudhary  
(Supervisor)

डॉ राज कुमार चौधरी  
DR. RAJ KUMAR CHOUDHARY  
अनुभाग प्रधान, आर एस आई एम  
Section Head, RSIM  
अंतरिक्ष भौतिकी प्रयोगशाला  
Space Physics Laboratory  
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Vikram Sarabhai Space Centre  
भारत सरकार/Government of India  
अंतरिक्ष विभाग/Department of Space  
तिरुवनन्तपुरम/Thiruvananthapuram-695 022



भारतीय अंतरिक्ष अनुसंधान संगठन

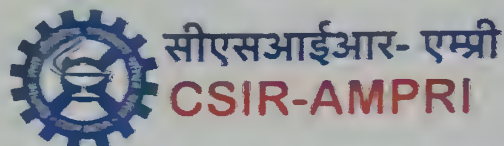


Indian Space Research Organisation



**Direct *In-Situ* Deposition of rGO Electrodes using  
Electrochemical Additive Manufacturing (EcAM) for  
Energy Storage Applications**

*A dissertation carried out in*



**Council of Scientific and Industrial Research  
Advanced Materials and Processes Research Institute**

*by*

**VIPLOV CHAUHAN**

*in the partial fulfilment of the requirements for  
award of the degree of*

**Master of Science in  
Physics**



**Department of Physics and Electronics  
INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION  
Bhopal-462016**

**AUGUST 2020**

## EXPERIENCE CERTIFICATE

This is to certify that **Mr. Viplov Chauhan** has worked as an intern under our supervision at **CSIR-Advanced Materials and Processes Research Institute, Bhopal**, for six months from 1<sup>st</sup> January, 2020 to 31<sup>st</sup> June, 2020.

The dissertation titled "*Direct in-situ Deposition of rGO Electrodes using Electrochemical Additive Manufacturing (EcAM) for Energy Storage Applications*" is a bona fide record of research work carried out by him in the institute. Along with this, he has also worked on "*Facile development of graphene based 3D printed face mask*", performed various experiments in electrochemistry and chemical synthesis with consistent results. He has a good aptitude for research and keeps a thorough knowledge of the new work going on in his field of interest.

During this span of his internship, he attained a good grasp over the interpretation of results showing exemplary learning curve. With a good rapport with his lab mates, work ethics and good communication skills he was helpful member to the research group.

  
31/8/2020  
**Dr. Surender Kumar**  
Scientist  
CSIR-AMPRI,  
Bhopal

**Dr. Surender Kumar, Scientist**  
Advanced Materials and Processes Research Institute (AMPRI)  
Council of Scientific & Industrial Research (CSIR)  
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**Dr. N. Sathish**  
Senior Scientist  
CSIR-AMPRI,  
Dr. N. SATHISH  
Bhopal  
Senior Scientist

**Dr. N. Sathish, Senior Scientist**  
Advanced Materials and Processes Research Institute (AMPRI)  
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Hauz Khas Road, New Delhi-110016  
Ministry of Science and Technology,  
Govt of India.



# **EPOXIES FOR MICRO ASSEMBLY**

Submitted to

**Institute for Excellence in Higher Education  
Bhopal M.P.**

In partial fulfillment of the requirements

For the award of

**MASTER OF SCIENCE**

**In**

**PHYSICS**

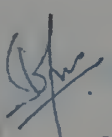
by

**Sachchitanand Dwivedi**

**AUGUST 2020**

## CERTIFICATE

This is to certify that the thesis entitled “**Epoxies For Micro Assembly**” submitted by **Sachchitanand Dwivedi** to the Institute For Excellence in Higher Education Bhopal (IEHE) and Space Application Centre Ahmedabad (SAC) for the award of the degree of **Master of Science in Physics** is a bona fide record of survey work carried out by him under my supervision. The contents of this thesis, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma.

 16/09/20  
SHIVENDRA TRIPATHI  
Head-MAPD/MEG/ESSA  
SACISRO, Ahmedabad  
Gujrat, India (380015)  
(Internship Coordinator)  
SHIVENDRA TRIPATHI  
Head-MAPD/MEG/ESSA  
SACISRO, Ahmedabad  
Gujrat, India (380015)  
(Internship Coordinator)



# Satellite observed distribution of carbon monoxide over India

*Dissertation of the project work is submitted to*

**Institute for Excellence in Higher Education, Bhopal**



*in partial fulfilment for the award of the degree of*

**Master of Science**

*in*

**Physics**

*Submitted by*

**AAYUSH BARMASE**

*Under the supervision*

*Of*

**Girach Imran A**

Scientist/Engineer – SE  
Space Physics Laboratory  
Vikram Sarabhai Space Centre  
Thiruvananthapuram-695022

April–June 2021 | Thiruvananthapuram, India

# Certificate

This is to certify that the project report entitled "Satellite observed distribution of carbon monoxide over India" submitted by Mr. Aayush Barmase to the Institute for Excellence in Higher Education, Bhopal, for partial fulfillment of the requirement for the award of Degree of Master of Science in Physics, contains original results of the work carried out under my guidance in *off-campus mode* at the Space Physics Laboratory, Vikram Sarabhai Space Centre, Thiruvananthapuram-695022, Kerala.

Place: Thiruvananthapuram

Date: 01 July 2021

  
01 July 2021

Girach Imran A.

Scientist, Space Physics Laboratory



# **Investigation of the Response of Martian Atmosphere to the Passage of Interplanetary Coronal Mass Ejection**

*Dissertation of the project work is submitted to*  
**Institute for Excellence in Higher Education, Bhopal**



*In partial fulfillment for the award of the degree of*

**Master of Science  
In Physics**

*Submitted By*

**ADITYA PRAJAPATI**

*Under the supervision  
of*

**Dr. V. Venkataraman,  
Scientist/Engineer-SE,  
Space Physics Laboratory (SPL),  
Vikram Sarabhai Space Center,  
Thiruvananthapuram-695022, Kerala.**



## Certificate

This is to certify that the thesis / dissertation entitled “Investigation of the Response of Martian Atmosphere to the Passage of Interplanetary Coronal Mass Ejection” submitted by Aditya Prajapati to the Institute for Excellence in Higher Education, Bhopal, contains original results of the work carried out under my guidance at the Space Physics Laboratory (SPL), Vikram Sarabhai Space Center, Thiruvananthapuram-695022, Kerala.

The work presented in this thesis / dissertation has not been submitted before for the award of any other degree or diploma to any other university or institution.

*V. Venkata Raman*

Dr. V. Venkataraman,  
Scientist/Engineer-SE,  
Space Physics Laboratory (SPL),  
Vikram Sarabhai Space Center,  
Thiruvananthapuram-695022, Kerala.



# Optical and dielectric properties of hexagonal boron nitride (h-BN) Nanosheets

*A dissertation carried out in*



**सीएसआईआर- एम्प्री**  
**CSIR-AMPRI**

**Council of Scientific and Industrial Research**

**Advanced Materials and Processes Research Institute**

*by*

**ANKUR SHRIVASTAVA**

*In the partial fulfillment of the requirements for*

*award of the degree of*

**Master of Science**



**Department of Physics and Electronics**

**INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION**

**Bhopal-462016**

**AUGUST 2021**

सीएसआईआर - प्रगत पदार्थ तथा प्रक्रम अनुसंधान संस्थान ( एम्प्री )  
CSIR - Advanced Materials and Processes Research Institute (AMPRI)



(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)

(Council of Scientific and Industrial Research)

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क्रमांक / Ref. No.

दिनांक / Date .....  
Date: 17-08-2021

**TO WHOM IT MAY CONCERN**

This is to certify that the dissertation entitled "Optical and dielectric properties of hexagonal Boron Nitride (h-BN) nanosheets" submitted by Ankur Shrivastava to the Institute for Excellence in Higher Education (IEHE), Bhopal for his Master degree in Physics under my mentorship at CSIR-Advanced Materials and Processes Research Institute, Bhopal. The dissertation contains literature survey as well experimental analysis including growth of h-BN nanosheets and their details characterisations such as UV-Vis, FT-IR and dielectric properties.

We wish his success in his future endeavors.

Dr. Manoj Kumar Gupta

Scientist

Assistant Professor [Academy of Scientific and Innovative Research (AcSIR)]

CSIR Young Scientist Awardee (Physical Science (Including Instrumentation))-2020

CSIR-Advanced Materials and Processes Research Institute

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Mob: 9977360351, mkgupta@ampri.res.in

Member: Indian National Young Academy of Science (IN-YAS).  
Govt of India



# **“MEASUREMENT OF SHUNT IMPEDANCE IN LINEAR ACCELERATORS”**

This thesis is submitted to

**Institute for Excellence in Higher Education, Bhopal**

Carried out in

**Society for Applied Microwave Electronics Engineering and Research,  
IITB Campus, Powai, Mumbai**

Under the guidance of

**Dr. Tanuja Dixit**

In the partial fulfilment of the requirement for award of the degree of

**Master of Science in Physics**

By

**Krati Agrawal**

**Department of Physics**

**Institute for Excellence in Higher Education, Bhopal**

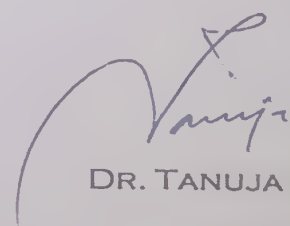
**India**

**JUNE 2021**

## CERTIFICATE

THIS IS TO CERTIFY THAT THE THESIS/ DISSERTATION ENTITLED  
"MEASUREMENT OF SHUNT IMPEDANCE BY BEAD PULL METHOD IN  
LINAC" SUBMITTED BY KRATI AGRAWAL OF INSTITUTE FOR  
EXCELLENCE IN HIGHER EDUCATION, BHOPAL, CONTAINS ORIGINAL  
RESULTS OF THE WORK CARRIED OUT UNDER MY GUIDANCE AT THE  
"SOCIETY FOR APPLIED MICROWAVE ELECTRONICS ENGINEERING &  
RESEARCH (SAMEER), IITB CAMPUS, POWAI, MUMBAI"

THE WORK PRESENTED IN THIS THESIS/DISSERTATION HAS NOT  
BEEN SUBMITTED BEFORE FOR THE AWARD OF ANY OTHER DEGREE  
OR DIPLOMA TO OTHER UNIVERSITY OR INSTITUTION.



DR. TANUJA DIXIT

SCIENTIST,  
MED-1

SOCIETY FOR APPLIED MICROWAVE ELECTRONICS ENGINEERING & RESEARCH  
(SAMEER),

IITB CAMPUS, POWAI, MUMBAI



# Polymer-Metal/Metal-Oxide Composites for X-ray Shielding

Dissertation submitted to Institute for Excellence in Higher Education (IEHE), Bhopal  
in partial fulfilment of the requirement for the award of *Master of Physics*



**Submitted By:**

Kumar Sambhav Kurveti

**Supervised By:**

Dr. Neeraj Dwivedi

Principal Scientist

Division: GEMAM

CSIR-Advanced Materials And

Processes Research Institute

Bhopal



सीएसआईआर- एम्प्री

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(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)

(Council of Scientific and Industrial Research)

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क्रमांक/Ref.No.

दिनांक/Date...17-07-2021

CERTIFICATE

This is to certify that the dissertation (literature survey only) entitled “**Polymer-Metal/Metal-Oxide Composites for X-ray Shielding**” submitted by Kumar Sambhav Kurveti to the Institute for Excellence in Higher Education, Bhopal contains literature survey conducted under my mentorship at CSIR-Advanced Materials and Processes Research Institute, Bhopal. The content of the report is a thorough literature survey which will not be submitted either partially or in full, for the award of some other degree or certificate.

डॉ. नीरज द्विवेदी Dr. Neeraj Dwivedi  
प्रधान वैज्ञानिक Principal Scientist  
सी.एस.आई.आर.-प्रगत पदार्थ तथा प्रक्रम अनुसंधान संस्थान  
CSIR-Advanced Materials & Processes Research Institute  
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Hoshangabad Road, Bhopal-462026  
Signature of the Guide  
(Dr. Neeraj Dwivedi  
Principal Scientist,  
CSIR-AMPRI, Bhopal)

# **Sodar Observations of Morning Rise of Inversion over Thumba**

*Dissertation of the project work is submitted to*

**Institute for Excellence in Higher Education, Bhopal**



*In partial fulfillment for the award of the degree of*

**Master of Science**

**In Physics**

*Submitted By*

**Megha Thapak**

*Under the supervision of*

**Dr. NVP. Kiran Kumar**

**Scientist/Engineer 'SF'**

**Space Physics Laboratory (SPL)**

**Vikram Sarabhai Space Centre**

**Thiruvananthapuram-695022, Kerala.**

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Government of India  
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Vikram Sarabhai Space Centre  
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## Certificate

This is to certify that the thesis/dissertation entitled "*Solar Observations of Morning Rise of Inversion over Thumba*" submitted by *Megha Thapak* to the Institute for Excellence in Higher Education, Bhopal, contains original results of the work carried out under my guidance at the *Space Physics Laboratory, Vikram Sarabhai Space Centre, Thiruvanthapuram*.

The work presented in this thesis/dissertation has not been submitted before for the award of any other degree or diploma to any other university or institution.

*[Signature]*  
DR. H.V.P. KIRAN KUMAR  
SCIENTIST/ENGINEER - SP  
SPACE PHYSICS LABORATORY  
VIKRAM SARABHAI SPACE CENTRE  
THIRUVANANTHAPURAM - 695 022



**Latent Heating During the Passage of Tropical Cyclone Using Tropical  
Rainfall Measuring Mission (TRMM)**

Thesis submitted to

**Institute for Excellence in Higher Education, Bhopal**

In partial fulfillment of the requirements

For the degree of  
**Master of Science**

In  
**Physics**

Under the guidance of

**Dr.K.N.Uma**

Space Physics Laboratory  
Vikram Sarabhai Space Centre  
Thiruvananthapuram

By

**Priya Gahlot**

Institute for Excellence in Higher Education  
Bhopal

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डॉ. के. एन. उमा /Dr. K. N. Uma

वैज्ञानिक-एसएफ /Scientist-SF

अंतरिक्ष भौतिकी प्रयोगशाला / SPACE PHYSICS LABORATORY

July/जुलाई 06, 2021

## Certificate

*This is to certify that the Project report entitled, "Latent Heating During the Passage of Tropical Cyclone Using Tropical Rainfall Measuring Mission (TRMM)" is a bonafide record of research work done by Ms.Priya Gahlot, Institute of Excellence in Higher Education, Bhopal, Madhya Pradesh during the period of January to June 2021. She has carried out the study under my supervision and guidance for the award of the degree of Master of Science in Physics. This is her original contribution and has not been submitted for award of any Degree or Diploma to any University or Institution.*

06/07/2021



डॉ. के. एन. उमा /Dr. K. N. Uma

डॉ. के. एन. उमा / Dr. K. N. Uma

वैज्ञानिक, एसएफ / Scientist - SF

अंतरिक्ष भौतिकी प्रयोगशाला / Space Physics Laboratory

विक्रम साराभाई अंतरिक्ष केन्द्र / Vikram Sarabhai Space Centre

इसरो - अंतरिक्ष विभाग / ISRO - Dept. of Space

भारत सरकार / Government of India

तिरुवनन्तपुरम / Thiruvananthapuram - 695 022

भारतीय अंतरिक्ष अनुसंधान संगठन



Indian Space Research Organisation

# Graphene/Polymer Composite Thin Film For EMI Shielding Application

---



Council of Scientific and industrial Reserch  
Advanced Materials and Process Reserch Institute

By

**Satyam Shukla**

In The Partial fullfilment of the requirement  
for award of the degree of

Masters of Science in  
Physics



Department of Physics and Electronics  
Institute For Excellence In Higher Education  
Bhopal - 462016

June 2021



प्रगत पदार्थ तथा प्रक्रम अनुसंधान संस्थान (एम्प्री)  
ADVANCED MATERIALS AND PROCESSES RESEARCH INSTITUTE (AMPRI)

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(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)

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क्रमांक/Ref.No.

दिनांक/Date...07/07/2021..

## Certificate

This is to certify that the dissertation entitled "Graphene/Polymer Composite Thin Film for EMI Shielding Application" submitted by Mr. Satyam Shukla to the Institute for Excellence in Higher Education, Bhopal, contains original results of the work carried out under my guidance at the CSIR-Advanced Materials and Processes Research Institute (AMPRI), Bhopal.

The work presented in this dissertation has not been submitted before for the award of any other degree or diploma to any other university or institution.

*Pradip Kumar*

Dr. Pradip Kumar

Senior Scientist

डॉ. प्रदीप कुमार / L  
वरिष्ठ वैज्ञानिक / S  
सीएसआईआर-प्रगत पदार्थ तथा प्रक्रम अनुसंधान संस्थान  
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Hoshangabad Road, Bhopal-462026



**Detecting the Climatological Shift In Time Series of  
Rainfall Over The Central Indian Region.**

*Dissertation of project work is submitted to*

**Institute for Excellence in Higher Education, Bhopal**



*In partial fulfillment for the award of the degree of*

**Master of science  
In physics**

*Submitted by*  
**Shivangi Sharma**

*Under the supervision  
of*

**Dr. Kandula V Subrahmanyam  
Scientist/Engineer, 'SE',  
Space Research Laboratory (SPL),  
Vikram Sarabhai Space Center,  
Thiruvananthapuram-695022, Kerala**



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## SPACE PHYSICS LABORATORY – VSSC

### Certificate

This is to certify that the project work (virtual mode) entitled "*Detecting the climatological shift in time series of rainfall over the central Indian region*" is original work of Ms. SHIVANGI SHARMA and has not been submitted for the award of any degree or diploma by any other University or Institution.

Certified



*K. Subrahmanyam*

**Dr. Kandula V Subrahmanyam,**  
**Scientist/Engineer, 'SE',**  
**Space Physics Laboratory,**  
**Vikram Sarabhai Space Center,**  
**Thiruvananthapuram-695022**

भारतीय अंतरिक्ष अनुसन्धान संगठन



Indian Space Research Organisation

**Speed of Coronal Mass ejection (CME) events and ensuing  
geomagnetic disturbance effects during solar cycles 23  
and 24.**

**Dissertation of project work submitted to**

**Institute For Excellence in Higher Education,  
Department of Physics and Electronics, Bhopal**

**In partial fulfilment for degree of  
Master of Science  
in Physics**

**By  
Ms. Shrishti Guru**

**Under the Supervision of  
Dr. MANJU G  
Scientist 'SF'  
Space Physics Laboratory  
Vikram Sarabhai Space Centre  
Thiruvananthapuram-695022**

भारत सरकार  
अंतरिक्ष विभाग  
विक्रम साराभाई अंतरिक्ष केंद्र  
थिरुवनन्तपुरम-695 022  
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फैक्स : (0471) 2706535  
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Government of India  
Department of Space  
Vikram Sarabhai Space Centre  
Thiruvananthapuram-695 022  
Kerala, INDIA  
Telephone : (0471) 2562597  
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### आन्तरिक्ष भौतिकी प्रयोगशाला/SPACE PHYSICS LABORATORY

डॉ. मंजु जी/Dr. Manju G  
वैज्ञानिक/इंजीनियर एसई/Sci./Eng

### CERTIFICATE

This is to certify that this project report entitled "Speed of Coronal Mass ejection (CME) events and ensuing geomagnetic disturbance effects during solar cycles 23 and 24 is a bonafide record of the work carried out by Ms. Shrishti Guru, Department of Physics and Electronics, Institute for excellence in higher education Bhopal, under my guidance and supervision.

June 2021

डॉ. मंजु जी/Dr. Manju G  
Guide

भारतीय अंतरिक्ष अनुसंधान संगठन



Indian Space Research Organisation



# **Raman Analysis for Meteorite Samples**

*Dissertation of the project work is submitted to*

**Institute for Excellence in Higher Education, Bhopal**



*In partial fulfillment for the award of the degree of*

**Master of Science  
in Physics**

*Submitted By*

**Shruti Gurjar**

*Under the supervision  
of*

**Dr. Dipak Panda  
Scientist-SF**

**Planetary Science Division,  
Physical Research Laboratory,  
Ahmedabad-38009, Gujarat.**



**भौतिक अनुसंधान प्रयोगशाला  
Physical Research Laboratory**

# CERTIFICATE

भौतिक अनुसंधान प्रयोगशाला  
(भारत सरकार, अंतरिक्ष विभाग की यूनिट)  
नवरंगपुरा, अहमदाबाद—380 009, भारत.



Physical Research Laboratory  
(A Unit of Dept. of Space, Govt. of India)  
Navrangpura, Ahmedabad—380 009, India

*This is to certify that*

*Ms. Shruti Gurjar*

*Of*

*Institute for Excellence in Higher Education, Bhopal*

*worked at this Laboratory*

*on the project,*

*"Raman Analysis for Meteorite Samples"*

*during 01 March to 30 June, 2021*

*under the Supervision of*

*Dr. Dipak Panda,*

*Planetary Sciences Division,*

*Physical Research Laboratory.*

*Dipak Kumar Panda*  
05/07/21

**Dr. Dipak Panda**

**Project Supervisor**

*Raju*

**Prof. D. Pallam Raju**

**Dean, PRL**

*5<sup>th</sup> July 2021*

प्रो. डी. पल्लम राजू, Prof. D. Pallam Raju  
वरिष्ठ प्राध्यापक एवं डीन Senior Professor & Dean



फोन Phone : 91(O) 79-26314000 | फैक्स Fax : 91(O) 70 26314900 ई-मेल E-mail : info@prl.res.in



# **Group velocity & wave propagation in Ionosphere**

*Dissertation of project work is submitted to*  
**Institute For Excellence in Higher Education, Bhopal**



*In partial fulfilment of the award of the degree of*

**Master of science**

**In physics**

*Submitted By*

**Sonal Mashram**

*Under the supervision of*

**Dr. Jayesh P. Pabari**

**Researcher, PSDN**

**Physical Research Laboratory, Ahmedabad**



**भौतिक अनुसंधान प्रयोगशाला**  
**Physical Research Laboratory**

**Physical Research Laboratory, Navrangpura, Ahmedabad**

भौतिक अनुसंधान प्रयोगशाला  
(भारत सरकार, अंतरिक्ष विभाग की यूनिट)  
नवरंगपुरा, अहमदाबाद - 380 009, भारत.

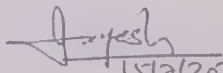


**Physical Research Laboratory**  
(A Unit of Dept. of Space, Govt. of India)  
Navrangpura, Ahmedabad - 380 009, India

**PROVISIONAL CERTIFICATE**

*This is to certify that*  
**Ms. Sonal Mashram**  
**(719162)**  
*of*  
**Institute for Excellence in Higher Education, Bhopal**  
*has successfully completed her project work on*  
**"Group Velocity and Wave Propagation in Ionosphere"**  
*in the PSDN division of*  
**Physical Research Laboratory, Ahmedabad**  
*during 10 February -15 July 2021 under the supervision of Dr. Jayesh P. Pabari.*

Date 15/7/2021

  
15/7/2021  
(Dr. Jayesh P. Pabari)  
Researcher, PSDN  
PRL, Ahmedabad



फोन Phone : 91(O) 79-26314000 | फैक्स Fax: 91-(O)79 26314900 | ई-मेल E-mail : info@pri.res.in





# Synthesis of Lead-Free Telluride based Glass for Radiation Shielding Applications

A dissertation carried out in



सीएसआईआर- एम्प्री  
CSIR-AMPRI

Council of Scientific and Industrial Research  
Advanced Materials and Processes Research Institute  
by

**Shivani Sahu**

in the partial fulfilment of the requirements for  
award of the degree of

**Master of Science in  
Physics**



Department of Physics and Electronics

**INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION**

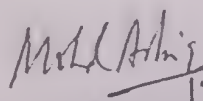
Bhopal-462016

June 2021

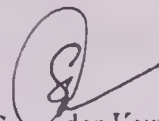
# Certificate

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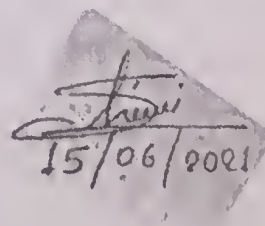
This is to certify that the project entitled "Synthesis of Lead-Free Tellurite based Glass for Radiation Shielding Applications" submitted by Ms. Shivani Sahu to the Institute for Excellence in Higher Education, Bhopal contains original results of the work carried out under our guidance at CSIR - Advanced Materials and Processes Research Institute (CSIR-AMPRI), Bhopal. The work presented in this thesis has not been submitted before for the award of any degree or diploma to any other university.

  
15/06/2021

Dr. Mohammad Ashiq  
Scientist,  
CSIR-AMPRI  
Bhopal-462026



Dr. Surender Kumar  
Scientist,  
CSIR-AMPRI  
Bhopal-462026

  
15/06/2021

Shivani Sahu  
IEHE,  
Bhopal-(462016)

# ***Spatio-Temporal Characterization of Plasma in Laser Induced Breakdown Spectroscopy***

*A project report submitted to the Dept. of physics and electronics, Institute for  
Excellence in Higher Education (IEHE) for the award of Masters of Science Degree  
in Physics (2020-2022)*



**Submitted by**

**Aagam Jain**

**Semester IV, Roll no. 720151**

**Master of Science in Physics**

**Department of Physics and Electronics**

**Institute for Excellence in Higher Education (IEHE)**

**Bhopal, (M.P.)**

**Under the guidance of**

**Dr. Sunita Ahlawat**

**Scientific Officer**

**Advanced Diode Pumped Laser Laboratory**

**Laser Technology Division**

**Raja Ramanna Centre for Advanced Technology**

**Indore (M.P.)**



## RAJA RAMANNA CENTRE FOR ADVANCED TECHNOLOGY

Department of Atomic Energy

Government of India

### CERTIFICATE

*This is to certify that the dissertation work entitled, "Spatio-Temporal Characterization of Plasma in Laser Induced Breakdown Spectroscopy" submitted by Aagam Jain, student of Master of Science at Institute for Excellence in Higher Education (IEHE), Bhopal, (M.P.), has been carried by him at Raja Ramanna Centre for Advanced Technology, Indore, M.P., India during the period of 4<sup>th</sup> January 2022 to 5<sup>th</sup> July 2022. The work has been presented in a manner suitable to warrant acceptance for partial satisfaction of the requirements for the degree of Master of Science in Physics, Institute for Excellence in Higher Education (IEHE), Bhopal, (M.P.).*

*Resubmit*

*[Signature]*  
11/7/22

*Sub 23/06/2022*

Dr. Sunita Ahlawat  
Scientific Officer  
Advanced Diode Pumped Laser Laboratory  
Laser Technology Division  
Raja Ramanna Centre for Advanced Technology  
Indore (M.P.)



**ESTIMATION OF THEME-SPECIFIC BACKSCATTER COEFFICIENT FROM  
MULTIPOLARIZATION SENTINEL 1 SYSTEMATIC COVERAGE OVER  
INDIAN TERRAIN (FOR SUMMER SEASON)**

Thesis submitted to

**INSTITUTE FOR EXCELLENCE IN HIGHER  
EDUCATION, BHOPAL (M.P.)**



In partial fulfillment of the requirements

for the degree of

**MASTER OF SCIENCE IN PHYSICS**



Under the guidance of

**SMT. H.S.V. USHA SUNDARI RYALI**

SCIENTIST/ENGINEER-SG

NATIONAL REMOTE SENSING CENTER (ISRO), HYDERABAD (TELANGANA)

BY

**Abhishek Shrivastava**

INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL (MADHYA PRADESH).

*Institute for Excellence in Higher Education, Bhopal*  
*an autonomous institute affiliated to*  
*Barkatullah University,*  
*Bhopal (Madhya Pradesh)*



*Certificate*

Date- /07/2022

*This is to be certify that the thesis entitled "Estimation of theme-specific backscatter coefficient from multi-Polarization sentinel-1 systematic coverage over Indian terrain (FOR SUMMER SEASON)" in the partial fulfilment of the requirement for the degree of Master of Science in PHYSICS is a record of original work done by Abhishek Shrivastava (Roll no.720152) under my guidance. It is further certified that to the best of our knowledge the thesis has not formed the basis for the award on any Degree/diploma/associateship/fellowship or similar title of any other candidate of any university.*

*Project internal guide*  
*(Dr. Anuj Hundet)*

*Professor, Dept. of Physics*  
*& Electronics*  
*IEHE, Bhopal (Madhya Pradesh)*

*Head of department*  
*(Dr. Satyadeo Mishra)*

*Professor, Dept. of Physics*  
*& Electronics*  
*IEHE, Bhopal (Madhya Pradesh)*

# Estimation of Theme-Specific Backscatter coefficients from Multi-polarization Sentinel-1 Systematic coverage over Indian terrain (Winter Season)

DISSERTATION SUBMITTED TO



Institute for Excellence in Higher Education, Bhopal (M.P.)

In partial fulfillment of the requirement for the degree of  
Master of Science in Physics

By

**ANKITA CHAURASIA**

WORK DONE UNDER THE GUIDANCE OF

**Smt. H.S.V. USHA SUNDARI RYALI**

Head, SAR Data Processing Division (SARDPD)

Microwave Data Processing Group (MDPG), Data Processing Area (DPA)



National Remote Sensing Center, Department of Space,  
ISRO

Hyderabad (Telangana)

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Telephone : +040-23879572-76  
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Fax : +040-23878648

## Certificate

Date: 30/6/2022

*This is to certify that the project entitled "Estimation of Theme-Specific Backscatter coefficients from Multi-polarization Sentinel-1 Systematic coverage over Indian terrain (Winter Season)" is a bonafide work carried out by Ankita Chaurasia, at National Remote Sensing Centre, Hyderabad during the period from 01/1/2022 to 30/6/2022 in virtual mode under my virtual guidance.*

*The student is pursuing Master of Science, Physics from Institute for Excellence in Higher Education, Bhopal (M.P.)*

*She has completed the assigned task successfully in virtual mode.*

  
(Dr. Smriti Mishra)

  
Project Guide  
(H.S.V. Usha Sundari Ryali)

एच एस वि उषा सुंदरि  
H.S.V. Usha Sundari Ryali  
समूह प्रभु, एसडीपीजी/डीपीए  
Head, SARDPD/MOPG/DPA  
एनआरएससी, हैदराबाद  
NRSC, Hyderabad

  
(11/7/22)

भारतीय अन्तरिक्ष अनुसंधान संगठन Indian Space Research Organisation



# Film thickness effect on the structure and residual stress of ion beam sputtered W thin films

Dissertation submitted to



Raja Ramanna Centre for Advanced Technology, Indore

Submitted by: Apoorva Jaiswal

This Dissertation is submitted for the degree of  
MASTER OF SCIENCE IN PHYSICS



Institute for Excellence in Higher Education, Bhopal  
Work carried out Under the Guidance of

Dr. Pooja Gupta

Scientific Officer F  
Indus Synchrotron Utilization Section, RRCAT, Indore  
Department of Atomic Energy, Indore 452013



Government of India Department of Atomic Energy



RAJA RAMANNA CENTRE FOR ADVANCED TECHNOLOGY

Indore, INDIA

## CERTIFICATE

This is to certify that the dissertation entitled “Film Thickness effect on the Structure and Residual stress of Ion beam sputtered W thin films” is a bonafide record of work carried out by APOORVA JAISWAL at Raja Ramanna Centre for Advanced Technology, Indore, submitted to Institute for Excellence in Higher Education Bhopal, in partial fulfilment of the requirements for the award of the degree of Master of Science in Physics, during the academic year 2021-2022.

Project Guide

HOD

Dr. Pooja Gupta

SCIENTIFIC OFFICER F

RRCAT, Indore (M.P.)

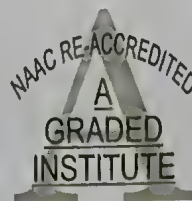
Dr. Tapas Ganguli

डॉ. तापस गांगुली / Dr. Tapas Ganguli  
Head, SUS प्रमुख, सिंक्रोट्रॉन्स उपादेयता अनुभाग  
Head, Synchrotrons Utilization Section  
RRCAT, Indore (M.P.)  
भारत सरकार, परमाणु ऊर्जा विभाग  
Government of India Department of Atomic Energy  
राजा रामन्ना प्रगत प्रौद्योगिकी केन्द्र  
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वैज्ञानिक अधिकारी / Scientific Officer  
भारत सरकार, परमाणु ऊर्जा विभाग  
Government of India, Department of Atomic Energy  
राजा रामन्ना प्रगत प्रौद्योगिकी केन्द्र  
Raja Ramanna Centre for Advanced Technology  
इन्दौर/Indore-452013 (M.P.)

# Growth of 1,3,5-triphenylbenzene single crystal by Bridgman technique and its characterization for device application

Dissertation submitted to



**Institute for Excellence in Higher Education,  
Bhopal**

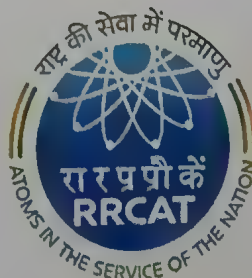
CPE Status Conferred by UGC

*Towards partial fulfillment for the degree of*  
**Master of Science in Physics (2020-2022)**

*by*

**Ayask Kant Dixit**  
(Roll. No.: 720155)

under the guidance of  
**Dr. Sushil Kumar Sharma, SO/G**



Crystal Growth Laboratory, Laser & Functional Materials Division,  
Raja Ramanna Centre for Advanced Technology, Indore (M. P.) - 452013

# STUDY OF THE MINERALOGY AND HYDRATION FEATURE AROUND COMPTON BELKOVICH VOLCANIC COMPLEX (CBVC) USING THE CHANDRYAAN-1 M3 DATA

Dissertation submitted to Institute for Excellence in Higher Education (IEHE), Bhopal  
in partial fulfilment of the requirement for the award of *Master of Physics*



**Submitted By :**

Chandan Mor

**Supervised By :**

Dr. Shashi Kumar

Scientist/Engineer – 'SE'

Photogrammetry & Remote Sensing Department

Indian Institute of Remote Sensing

Dehradun



Indian Institute of Remote Sensing,  
ISRO Dept. of Space, Govt. of India,  
Dehradun – 248001 Uttarakhand, India  
June-2022



Study Of The Mineralogy and Hydration Feature Around Compton Belkovich Volcanic Complex (CBVC)  
Using The Chandrayaan-1 M3 Data

भारत सरकार  
अंतरिक्ष विभाग  
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Government of India  
Department of Space  
Indian Institute of Remote Sensing  
4, Kalidas Road, P.B. No. 135,  
Dehradun - 248 001, India  
Telephone : +91-135-2524399  
Fax : +91-135-2741987, 2748041

Date: 04-07-2022

**CERTIFICATE**

This is to certify that Mr. Chandan Mor carried out the dissertation entitled "Study of the Mineralogy and Hydration Feature Around Compton Belkovich Volcanic Complex (CBVC) using Chandrayaan-1 M3 Data" in partial fulfilment of the requirements for the award of the M.Sc. degree from Institute for Excellence in Higher Education, Bhopal, Madhya Pradesh. This work has been carried out under the supervision of Dr. Shashi Kumar, Scientist/Engineer-'SE', Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun, Uttarakhand. No part of this report is to be published without prior permission from the undersigned.

Dr. Shashi Kumar  
Scientist/Engineer - 'SE'  
Photogrammetry & Remote Sensing Department

# **Studies on Methanol Gas Sensing Properties of ZnO**

## **Grown by Hydrothermal Method**

A Master Thesis Submitted to Institute for Excellence in Higher Education (IEHE), Barkatullah University of Science and Technology, Bhopal in partial fulfillment of the requirements of the degree of Master of Science (M.Sc.) in Physics

June 2022

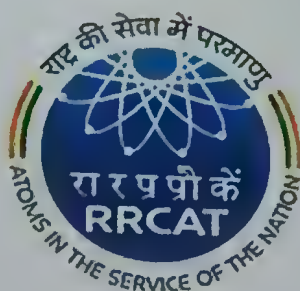


Submitted By,

**Neetu Thakur**

Institute for Excellence in Higher Education (IEHE), Barkatullah  
University of Science and Technology, Bhopal

Under the guidance of



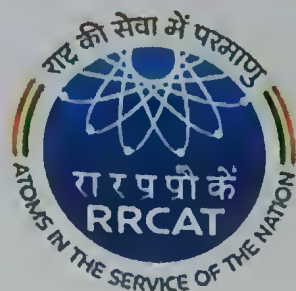
**Dr. R. S. Ajimsha**  
Scientific Officer E

**Dr. Pankaj Misra**  
Scientific Officer G &  
Professor (Assoc.), HBNI

**Oxide Nano Electronics Laboratory**  
**Laser Material Processing Division**

**Raja Ramanna Centre for Advanced Technology, Indore – 452 013, (M.P.)**

Government of India  
Department of Atomic Energy  
Raja Ramanna Centre for Advanced Technology, Indore – 452 013, (M.P.)



**Certificate**

This is to certify that the dissertation work entitled “Studies on Methanol Gas Sensing Properties of ZnO Grown by Hydrothermal Method” by Ms. Neetu Thakur during January 2022 – June 2022 has been carried out under our guidance and is submitted towards partial fulfillment for the award of degree of Master of Science in “Physics” to Institute for Excellence in Higher Education (IEHE), Barkatullah University of Science and Technology, Bhopal (M.P.), India. During this period, her regular presence, work and devotion towards work were appreciable.

**Project Guides**

**Dr. R. S. Ajimsha**  
Scientific Officer E

*Pankaj Misra*  
01.07.2022

**Dr. Pankaj Misra**  
Scientific Officer/G &  
Professor (Assoc.), HBNI

**Oxide Nano Electronics Laboratory  
Laser Material Processing Division**

**Raja Ramanna Centre for Advanced Technology, Indore – 452 013, (M.P.)**

30<sup>th</sup> June 2022

  
11/7/22

*(Dr. Sunil Mishra)*

# CLASSIFICATION OF LAND COVER AREA WITH THE HELP OF HYPERSPECTRAL DATA

This thesis is submitted to  
**Institute for Excellence in Higher Education, Bhopal**  
In partial fulfilment of the requirements for the degree of  
**Master of Science In Physics**



**Submitted by**  
**Niket Patwa**  
Physics Department  
Institute for Excellence in  
Higher Education ,Bhopal

**Supervised by**  
**Mr. Vinay Kumar**  
Sci./Engr.-SE (Guide)  
Photogrammetry and Remote Sensing  
Department , IIRS, Dehradun

**Indian Institute of Remote Sensing,  
Indian Space Research Organization,  
Department of Space,  
Govt. of India Dehradun –  
248001 Uttarakhand, India June, 2022**



भारत सरकार  
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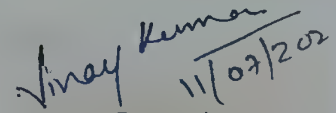


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Fax : +91-135-2741987, 2748041

### CERTIFICATE

This is to certify that **Mr. Niket Patwa**, a student of M.Sc. in Physics from Institute for Excellence in Higher Education, Bhopal, India has worked on the project entitled "*Classification of Urban Area Using Hyperspectral Data*" at Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Department of Space, Dehradun. The work has been carried out from 3<sup>rd</sup> January to 30<sup>th</sup> June 2022, under the supervision of Mr. Vinay Kumar, Scientist/Engineer 'SE', Photogrammetry and Remote Sensing Department, Indian Institute of Remote Sensing, ISRO, Dehradun, Uttarakhand, India.

No part of this report is to be published without the prior permission/intimation from/to the undersigned.

  
(Vinay Kumar)

Project supervisor

फोटोग्रामेट्री एवं सुदूर संवेदन विभाग / Photogrammetry & Remote Sensing Dept.  
भारतीय सुदूर संवेदन संस्थान / Indian Institute of Remote Sensing  
भारतीय अंतरिक्ष अनुसंधान संगठन / Indian Space Research Organisation  
अंतरिक्ष विभाग, भारत सरकार / Department of Space, Govt. of India  
4-कालिदास मार्ग, देहरादून-248001 / 4-Kalidas Road, Dehradun-248001

# Studies on Triboelectric Nanogenerator Based Energy Harvester

Dissertation submitted to Institute for Excellence in Higher Education (IEHE), Bhopal in partial fulfillment of the requirement for the award of *Master of Physics*



**Submitted By:**  
Pooja Parmar

**Supervised By:**

Dr. A. K. Srivastava  
Head Lithography & Microscopy Lab  
SUS Department  
Raja Ramanna Centre for Advanced Technology  
Indore

Dr. S.D. Mishra  
Head of Department  
Physics Department  
IEHE Bhopal  
Bhopal



**Raja Ramanna Centre for Advanced Technology**  
**Department of atomic energy, Indore-452013**  
**Madhya Pradesh, India**  
**June -2022**



सत्यमेव जयते

Government of India  
Department of Atomic Energy



RAJA RAMANNA CENTRE FOR ADVANCE TECHNOLOGY  
Indore- 452013, INDIA

## CERTIFICATE

This is to certify that the dissertation titled “Studies on Triboelectric Nanogenerator Based energy harvester” done by POOJA PARMAR, student of Institute for Excellence in Higher Education Bhopal is hereby approved as credible work carried out by her during the period 10<sup>th</sup> January 2022- 30<sup>th</sup> June 2022 at Synchrotron Utilization Section (SUS), RRCAT, Department of Atomic Energy, Indore under our guidance and supervision and is recommended towards the partial fulfilment for the award of the degree of Master of Science by IEHE, Bhopal.

Dr. Tapas Ganguli

Head, SUS

RRCAT, DAE, डॉ. तपस गांगुली / Dr. Tapas Ganguli

प्रमुख, सिंक्रोट्रॉन्स उपादेयता अनुभाग  
Indore-452013 Synchrotrons Utilization Section

भारत सरकार, परमाणु ऊर्जा विभाग  
Government of India Department of Atomic Energy  
राजा रामन्ना प्रगत प्रौद्योगिकी केन्द्र  
Raja Ramanna Centre for Advanced Technology  
इन्दौर/Indore-452 013

Dr. A. K. Srivastava

Head Lithography & Microscopy Lab

वैज्ञानिक अधिकारी / Scientific Officer  
RRCAT, DAE, भारत सरकार, परमाणु ऊर्जा विभाग  
Government of India, Department of Atomic Energy  
राजा रामन्ना प्रगत प्रौद्योगिकी केन्द्र  
Indore-452013 Raja Ramanna Centre for Advanced Technology  
इन्दौर/Indore-452013 (M.P.)

# **Fabrication and Investigation of Piezoelectric and Pyroelectric Response of Iron (Fe) and Lanthanum (La) doped PZT Ceramics**

Dissertation Submitted to



**Institute for Excellence in Higher Education,  
Bhopal (M.P.)**

**In partial fulfillment of the requirement for the degree of  
Master of Science in Physics**

by

**Pragya Kasar**

**Work carried under the guidance of**

**Dr. Gurvinderjit Singh**  
Scientific Officer-G  
LFMD, RRCAT Indore

**Dr. Rajeev Bhatt**  
Scientific Officer-G  
LFMD, RRCAT Indore

at



**Laser & Functional Material Division (LFMD)  
Raja Ramanna Centre for Advanced Technology  
Indore, (M.P.)  
June 2022**



Government of India  
Department of Atomic Energy  
Raja Ramanna Centre for Advanced Technology



**CERTIFICATE**

This is to certify that the interim project work report entitled “**Fabrication and Investigation of Piezoelectric and Pyroelectric response of Iron (Fe) and Lanthanum (La) doped PZT Ceramics**” submitted by **Pragya Kasar**, Institute for Excellence in Higher Education, Bhopal (M.P.), is hereby approved as credible work carried out by her during the period of **January 2022 to June 2022** under my supervision in Laser & Functional Material Division, Raja Ramanna Centre for Advanced Technology, Indore (M.P.). The work has been presented in a suitable manner to warrant acceptance towards the partial fulfilment of the degree of **Master of Science in Physics**.

*G. Singh.*

**Dr. Gurvinderjit Singh**  
Scientific Officer-G  
LFMD, RRCAT-Indore

*Rajeev Bhatt*

**Dr. Rajeev Bhatt**  
Scientific Officer-G  
LFMD, RRCAT- Indore

*[Signature]*

*[Signature]*

14/7/22

# EXPERIMENTAL AND THEORETICAL STUDIES TOWARD THE DEVELOPMENT OF INDIGENOUS SEALED-OFF CW CO<sub>2</sub> LASER

Dissertation submitted to



Institute for Excellence In Higher Education (IEHE), Bhopal

*In partial fulfillment for the award of the degree of*

**MASTERS OF SCIENCE**

in

**PHYSICS**

Submitted By

**Praveen Tyagi**

Under the supervision of

**Dr. Manoj Kumar**

Scientific Officer/G, LMPD, RRCAT



भारत सरकार  
Government of India  
परमाणु ऊर्जा विभाग  
Department of Atomic Energy



**Raja Ramanna Centre For Advanced Technology,  
Dept. of Atomic Energy, Govt. of India, Indore – 452013  
Madhya Pradesh, India  
August - 2022**



भारत सरकार / GOVERNMENT OF INDIA  
परमाणु ऊर्जा विभाग / DEPARTMENT OF ATOMIC ENERGY  
LASER MATERIAL PROCESSING DIVISION  
RAJA RAMANNA CENTRE FOR ADVANCED TECHNOLOGY  
INDORE - 452013

## Certificate

This is to certify that the project work, “**Experimental and Theoretical Studies Towards Development of Indigenous Sealed-off CW CO<sub>2</sub> Laser**” Submitted by, **Mr. Praveen Tyagi** Masters of Science, Physics, IEHE Bhopal, is hereby approved as credible work carried out by him during the period June 2022 to August 2022, under my supervision.

The work has been presented in a manner suitable to warrant acceptance towards the fulfillment of the requirement for the award of the degree of **Master of Science in Physics, IEHE Bhopal.**

Project Guide

डॉ. मनोज कुमार

(Dr. Manoj Kumar)

डॉ. मनोज कुमार/Dr. Manoj Kumar

वैज्ञानिक अधिकारी/Scientific Officer

राजा रामन्ना प्रगत प्रौद्योगिकी केन्द्र

Raja Ramanna Centre for Advanced Technology

एल. एम. पी. डी. -बी. ब्लॉक/LMPD-B Block

पोस्ट : केट, इन्दौर/PO CAT, Indore-452013

Scientific Officer-G, Head LS & MT Lab,

Laser Material Processing Division,

Material Science & Advanced Technology Group

Raja Ramanna Centre For Advanced Technology, Indore

इन्दौर / Indore

दिनांक / Date..31/08/2022

राष्ट्र की सेवा में परमाणु

ATOMS IN THE SERVICE OF THE NATION

# **Growth and Investigation of Cobalt doped $\beta$ -Ga<sub>2</sub>O<sub>3</sub> grown by Optical Floating Zone technique**

Dissertation Submitted to



**Institute for Excellence in Higher Education, (IEHE)  
Bhopal (M.P.)**

In partial fulfilment of the requirement for the award of  
**Master of Science in Physics**

Submitted by:  
**Priyanshi Mantri**

Under the supervision of

**Dr. Satyadeo Mishra**

Head of Department of  
Physics and Electronics  
IEHE, Bhopal

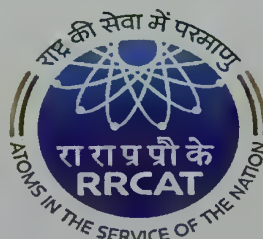
**Dr. Rajeev Bhatt**

Scientific Officer 'G'  
LFMD, RRCAT

**Dr. Mohammad Soharab**

Scientific Officer 'E'  
LFMD, RRCAT

Work carried out at



**Laser & Functional Material Division (LFMD)  
Raja Ramanna Centre for Advanced Technology (RRCAT),  
Indore, (M.P.)**





**Laser & Functional Material Division (LFMD)**

**CERTIFICATE**

This is to certify that the project work entitled "Growth and Investigation of Cobalt doped  $\beta$ -Ga<sub>2</sub>O<sub>3</sub> grown by Optical Floating Zone technique" submitted by *Ms. Priyanshi Mantri* for the partial fulfilment of degree of Master of Science in Physics from Institute for Excellence in Higher Education, Bhopal (M.P.), is hereby approved as credible work carried out by her during the period of **January 2022 to June 2022** under our supervision in Laser & Functional Material Division (LFMD) at Raja Ramanna Centre for Advanced Technology, Indore (M.P.). The work has been presented in a suitable manner to warrant acceptance towards the partial fulfilment of the degree of Master of Science in Physics.

**Dr. Rajeev Bhatt**  
Scientific Officer 'G'  
LFMD, RRCAT

**Dr. Mohammad Soharab**  
Scientific Officer 'E'  
LFMD, RRCAT



**ESTIMATION OF THEME-SPECIFIC BACKSCATTER COEFFICIENT FROM  
MULTIPOLARIZATION SENTINEL 1 SYSTEMATIC COVERAGE OVER  
INDIAN TERRAIN (FOR RAINY SEASON)**

Thesis submitted to  
**INSTITUTE FOR EXCELLENCE IN HIGHER  
EDUCATION, BHOPAL (M.P.)**



In partial fulfillment of the requirements  
for the degree of  
**MASTER OF SCIENCE IN PHYSICS**



Under the guidance of  
**SMT. H.S.V. USHA SUNDARI RYALI**

SCIENTIST/ENGINEER-SG

NATIONAL REMOTE SENSING CENTER (ISRO), HYDERABAD (TELANGANA)

BY

**Shivani Sahu**

INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL (MADHYA PRADESH).

*Institute for Excellence in Higher Education, Bhopal*  
*an autonomous institute affiliated to*  
*Barkatullah University,*  
*Bhopal (Madhya Pradesh)*



*Certificate*

Date- /07/2022

*This is to be certify that the thesis entitled "Estimation of theme-specific backscatter coefficient from multi-Polarization sentinel-1 systematic coverage over Indian terrain (FOR SUMMER SEASON)" in the partial fulfilment of the requirement for the degree of Master of Science in PHYSICS is a record of original work done by Shrivani Sahu (Roll no.720164) under my guidance. It is further certified that to the best of our knowledge the thesis has not formed the basis for the award on any Degree/diploma/associateship/fellowship or similar title of any other candidate of any university.*

*Project internal guide*  
*(Dr. Sudhir Jain)*

*Professor, Dept. of Physics*  
*& Electronics*  
*IEHE, Bhopal (Madhya Pradesh)*

*Head of department*  
*(Dr. Satyadeo Mishra)*

*Professor, Dept. of Physics*  
*& Electronics*  
*IEHE, Bhopal (Madhya Pradesh)*

# Surface Plasmon Resonance band of Gold Nanopillars developed on rippled Si surface

A DISSERTATION

*submitted for the partial fulfilment of degree of*

**Master of Science**

**in**

**PHYSICS**

**by**

**SHUBHAM**



DEPARTMENT OF PHYSICS AND ELECTRONIC

Institute For Excellence in Higher Education (IEHE) Bhopal

**Work Carried out at**



Government of India

Department of Atomic Energy

Raja Ramanna Centre for Advanced Technology

Indore, India

Jan-June 2022



# Surface Plasmon Resonance band of Gold Nanopillars developed on rippled Si surface

A DISSERTATION

*submitted for the partial fulfilment of degree of*

**Master of Science  
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PHYSICS  
by  
SHUBHAM**



DEPARTMENT OF PHYSICS AND ELECTRONIC

Institute For Excellence in Higher Education (IEHE) Bhopal  
**Work Carried out at**



Government of India  
Department of Atomic Energy  
Raja Ramanna Centre for Advanced Technology  
Indore, India  
Jan-June 2022



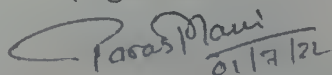
GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
RAJA RAMANNA CENTRE FOR ADVANCED TECHNOLOGY  
INDORE M.P.

CERTIFICATE

SESSION 2022

This is to certify that work contained in this dissertation entitled, "Surface Plasmon Resonance band of Gold Nanopillars developed on rippled Si surface." Submitted to the Institute for Excellence in Higher Education Bhopal. in partial fulfilment of the requirement for the degree of Master of Science in Physics is a record to original research work done by SHUBHAM (2582) at Raja Ramanna centre for Advance Technology, Indore (M.P.) under my guidance. It is further certified that to do best of our knowledge the dissertation has not formed the basis for the award on any degree/ diploma/associateship/fellowship or similar title of any other candidate of any other University.

(Signature of Guide)

  
01/7/22

Dr. Parasmani Rajput

BDAS

BARC Trombay  
DR. PARASMANI RAJPUT

Mumbai - 400085

Government of India  
Department of Atomic Energy  
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(Signature of Section Head) 01/7/2022

Dr. Shamohini Jha  
ARO Beamline Section

Head, Beamline development

and application section

BARC Trombay

Mumbai - 400085

**SYNTHESIS AND CHARACTERIZATION OF MANGANESE DOPED CERIUM  
OXIDE NANOPARTICLES**



**A DISSERTATION**

*Submitted by*  
**Ranjeet Vishwakarma**

*In partial fulfilment for the award of the degree of*

**MASTER OF SCIENCE  
IN  
PHYSICS  
INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL  
DEPARTMENT OF PHYSICS AND ELECTRONICS  
BARKATULLAH UNIVERSITY, BHOPAL (M.P.)  
June - 2022**

**Under the guidance of**

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Scientific Officer-E,  
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&  
BARC Beamline Section  
Raja Ramanna Centre for Advanced Technology (RRCAT), Indore, India**

**Work carried out at  
Raja Ramanna Centre for Advanced Technology (RRCAT), Indore, India**

**SYNTHESIS AND CHARACTERIZATION OF MANGANESE DOPED CERIUM  
OXIDE NANOPARTICLES**



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*In partial fulfilment for the award of the degree of*

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DEPARTMENT OF PHYSICS AND ELECTRONICS  
BARKATULLAH UNIVERSITY, BHOPAL (M.P.)**

**June - 2022**

**Under the guidance of**

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**BARC Beamline Section  
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**Work carried out at  
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**SYNTHESIS AND CHARACTERIZATION OF MANGANESE DOPED CERIUM  
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BARC Beamline Section  
Raja Ramanna Centre for Advanced Technology (RRCAT), Indore, India**

**Work carried out at  
Raja Ramanna Centre for Advanced Technology (RRCAT), Indore, India**

# **SYNTHESIS AND CHARACTERIZATION OF MANGANESE DOPED CERIUM OXIDE NANOPARTICLES**



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BARKATULLAH UNIVERSITY, BHOPAL (M.P.)  
June - 2022**

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Raja Ramanna Centre for Advanced Technology (RRCAT), Indore, India**

**Work carried out at  
Raja Ramanna Centre for Advanced Technology (RRCAT), Indore, India**

SYNTHESIS AND CHARACTERIZATION OF MANGANESE DOPED CERIUM  
OXIDE NANOPARTICLES



A DISSERTATION

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June - 2022

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&  
BARC Beamline Section  
Raja Ramanna Centre for Advanced Technology (RRCAT), Indore, India

Work carried out at  
Raja Ramanna Centre for Advanced Technology (RRCAT), Indore, India

**SYNTHESIS AND CHARACTERIZATION OF MANGANESE DOPED CERIUM  
OXIDE NANOPARTICLES**



**A DISSERTATION**

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DEPARTMENT OF PHYSICS AND ELECTRONICS  
BARKATULLAH UNIVERSITY, BHOPAL (M.P.)  
June - 2022**

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Scientific Officer-E,  
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&  
BARC Beamline Section  
Raja Ramanna Centre for Advanced Technology (RRCAT), Indore, India**

**Work carried out at  
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**SYNTHESIS AND CHARACTERIZATION OF MANGANESE DOPED CERIUM  
OXIDE NANOPARTICLES**



**A DISSERTATION**

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*In partial fulfilment for the award of the degree of*

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**IN**

**PHYSICS**

**INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL**

**DEPARTMENT OF PHYSICS AND ELECTRONICS**

**BARKATULLAH UNIVERSITY, BHOPAL (M.P.)**

**June - 2022**

**Under the guidance of**

**Dr. Shilpa Tripathi**

**Scientific Officer-E,**

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**&**

**BARC Beamline Section**

**Raja Ramanna Centre for Advanced Technology (RRCAT), Indore, India**

**Work carried out at**

**Raja Ramanna Centre for Advanced Technology (RRCAT), Indore, India**

**SYNTHESIS AND CHARACTERIZATION OF MANGANESE DOPED CERIUM  
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**A DISSERTATION**

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INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL  
DEPARTMENT OF PHYSICS AND ELECTRONICS  
BARKATULLAH UNIVERSITY, BHOPAL (M.P.)  
June - 2022**

**Under the guidance of**

**Dr. Shilpa Tripathi  
Scientific Officer-E,  
Beamline Development and Application Section,  
Bhabha Atomic Research Centre (BARC), Mumbai, India  
&  
BARC Beamline Section  
Raja Ramanna Centre for Advanced Technology (RRCAT), Indore, India**

**Work carried out at  
Raja Ramanna Centre for Advanced Technology (RRCAT), Indore, India**



### CERTIFICATE

This is to certify that the dissertation entitled “Synthesis and characterization of manganese doped cerium oxide nanoparticles” submitted to *the INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL* in partial fulfilment of the requirements for the award of the Degree of Masters of Science in PHYSICS is a record of Original research work done by RANJEET VISHWAKARMA (Roll No. 720167), INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL under my guidance. It is further certified that to the best of our knowledge the dissertation has not formed the basis for the award on any degree/ diploma/association/fellowship or similar title of any other candidate of any University.

**DR. SD MISRA**

Head Of The Department  
Department of Physics and Electronics  
Institute for Excellence in Higher Education

# FABRICATION AND CHARACTERIZATION OF Ni THIN FILM AND Ni/B<sub>4</sub>C MULTILAYER



A DISSERTATION

*Submitted by*

**MANOJ VISHWAKARMA**

*In partial fulfillment for the award of the degree of*

**MASTER OF SCIENCE**

**IN**

**PHYSICS**

**DEPARTMENT OF PHYSICS AND ELECTRONICS**

**INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL  
BARKATULLAH UNIVERSITY, BHOPAL (M.P.)**

**June - 2022**

**Under the guidance of**

**Dr. M. Nayak**

**Scientific Officer-F, SUS,**



**Raja Ramanna Centre for Advanced Technology (RRCAT), Indore, India**





### CERTIFICATE

This is to certify that the dissertation entitled "**Fabrication and characterization of Ni Thin film and Ni/B<sub>4</sub>C Multilayer**" submitted to **the INSTITUTE FOR EXCELLENCE IN HIGHER EDUACTION, BHOPAL** in partial fulfillment of the requirements for the award of the Degree of Master of Science in Physics is a record of original research work done by **MANOJ VISHWAKARMA** (Roll No. 720168) in the INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL under my guidance. It is further certified that, to the best of our knowledge, the dissertation has not formed the basis for the award of any degree/diploma/association/fellowship or similar title to any other candidate of any university.

  
**DR. S. D. MISHRA**

**HEAD OF THE DEPARTMENT**

**Department of Physics and Electronics**

**Institute for Excellence in Higher Education**

  
**INTERNAL GUIDE**

Dr. S. D. MISHRA

Prof. & H.O.D. of the Physics & Electronics Dept.

**EXAMINAR**



## Department of Computer Science

Institute for Excellence in Higher Education (IEHE), Bhopal

An Autonomous Institute established by Govt. of M.P. (College with Potential for Excellence Status conferred by UGC)



In Association with

Career College, Bhopal

National Webinar

on

How To Handle Stress During Online Use Of Computer : Live Light and Live Right  
Befriending Stress



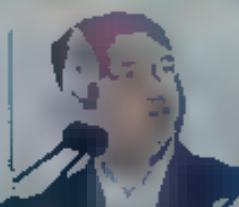
Date : January 09<sup>th</sup>, 2022

Time : 3:30 pm-5 pm Mode : Online  
Venue : Central Laboratory, IEHE, Bhopal



**Patron**

Prof. Pragyaash Kumar Agrawal,  
Director, IEHE Bhopal



**Convener**

Prof. Manish Sharma,  
HoD, CS IEHE Bhopal



**Chief Guest**

Dr. Kiran Hazarika  
Member of University Grants Commission (UGC),  
Principal, Tenggahat College, Assam



**Resource Person**

Dr. Ram Krishana Shrivastava  
Professor IEHE, Bhopal

## Organising Committee

### Organising Secretaries

Mrs. Sonal Tiwari

&

Mrs. Shweta Ghate

Faculty, Department of Computer Science

Mrs. Swarna Sinha, Career College

Mr. Mohd. Rashid, Career College

Dr. Meghna Dubey, IEHE

Mrs. Anjana Yadav, IEHE

Mrs. Ritu Raikwar, IEHE

Mr. Amrit Lal Patel, IEHE

### Technical Support

Mr. Rishabh Raghuwanshi 8871882208

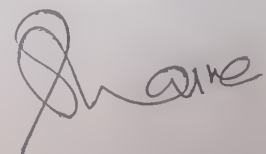
### Registration Link:-

<https://forms.gle/6Xr1AiHwVF9EFcV37>

- Last Date of Registration: 8<sup>th</sup> January 2022
- Platform:-Google Meet link will be provided as per your registration detail
- E- Certificate will be provided to the participants

For further details Contact Mrs. Sonal Tiwari 9179341862, Mrs Shweta Ghate 9425866911 and visit seminar conference section of

| PARTICIPANT |                        |                              |                          |
|-------------|------------------------|------------------------------|--------------------------|
| TEACHER     |                        |                              |                          |
| 1           | Dr. MANISH SHARMA      | COMPUTER SCIENCE             |                          |
| 2           | Dr. SONAL TIWARI       | COMPUTER SCIENCE             |                          |
| 3           | Dr. H. K. GARG         | COMPUTER SCIENCE             |                          |
| 4           | Dr. SHIKHA VAIDHYA     | COMPUTER SCIENCE             |                          |
| 5           | Dr. MEGHANA DUBEY      | COMPUTER SCIENCE             |                          |
| 6           | Ms. RUPALI VISHWAKARMA | COMPUTER SCIENCE             |                          |
| 7           | Ms. ANJANA YADAV       | COMPUTER SCIENCE             |                          |
| 8           | MS. SWETA GHATE        | COMPUTER SCIENCE             |                          |
| 9           | Ms. RITU RAIKWAR       | COMPUTER SCIENCE             |                          |
| 10          | Mr. NEELESH RAJPUT     |                              |                          |
| STUDENT     |                        |                              |                          |
| S.N.        | RO. NO.                | CLASS                        | NAME OF STUDENT          |
| 1           | 420523                 | B.Sc. COMPUTER SCIENCE SEM 4 | MUSKAN VERMA             |
| 2           | 420417                 | B.Sc. COMPUTER SCIENCE SEM 4 | AASTHA SAHU              |
| 3           | 420418                 | B.Sc. COMPUTER SCIENCE SEM 4 | ABHIJEET DIWAN           |
| 4           | 420419                 | B.Sc. COMPUTER SCIENCE SEM 4 | AKSHARA MISHRA           |
| 5           | 420421                 | B.Sc. COMPUTER SCIENCE SEM 4 | AMIT SINGH DANGI         |
| 6           | 420422                 | B.Sc. COMPUTER SCIENCE SEM 4 | ANAMIKA BHARGAV          |
| 7           | 420423                 | B.Sc. COMPUTER SCIENCE SEM 4 | ANIKET RAI               |
| 8           | 420425                 | B.Sc. COMPUTER SCIENCE SEM 4 | AYUSHI SINHA             |
| 9           | 420426                 | B.Sc. COMPUTER SCIENCE SEM 4 | DEVIKA TAMRAKAR          |
| 10          | 420427                 | B.Sc. COMPUTER SCIENCE SEM 4 | DEVYANSHI NEMA           |
| 11          | 420428                 | B.Sc. COMPUTER SCIENCE SEM 4 | FAIZAN ALI               |
| 12          | 420430                 | B.Sc. COMPUTER SCIENCE SEM 4 | JATIN SAHU               |
| 13          | 420431                 | B.Sc. COMPUTER SCIENCE SEM 4 | LALIT KUMAR<br>CHOUDHARY |
| 14          | 420432                 | B.Sc. COMPUTER SCIENCE SEM 4 | MANSI PURVIYA            |

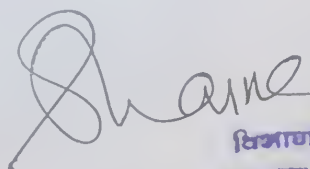




|    |        |                              |                  |
|----|--------|------------------------------|------------------|
| 15 | 420433 | B.Sc. COMPUTER SCIENCE SEM 4 | NAMAMI YADAV     |
| 16 | 420434 | B.Sc. COMPUTER SCIENCE SEM 4 | NEELOTPAL SHARMA |
| 17 | 420436 | B.Sc. COMPUTER SCIENCE SEM 4 | NIKITA GHOSLE    |
| 18 | 420437 | B.Sc. COMPUTER SCIENCE SEM 4 | NIKITA PARASHAR  |
| 19 | 420438 | B.Sc. COMPUTER SCIENCE SEM 4 | PADMAJA SHARMA   |
| 20 | 420439 | B.Sc. COMPUTER SCIENCE SEM 4 | PANKAJ DHURVE    |
| 21 | 420440 | B.Sc. COMPUTER SCIENCE SEM 4 | POOJA MALVI      |
| 22 | 420441 | B.Sc. COMPUTER SCIENCE SEM 4 | POOJA MUHARE     |
| 23 | 420442 | B.Sc. COMPUTER SCIENCE SEM 4 | PRATIK KASHYAP   |
| 24 | 420443 | B.Sc. COMPUTER SCIENCE SEM 4 | PRIYANKA BHALAVI |
| 25 | 420444 | B.Sc. COMPUTER SCIENCE SEM 4 | PRIYANSHI        |
| 26 | 420445 | B.Sc. COMPUTER SCIENCE SEM 4 | ROSHNI GOUR      |
| 27 | 420447 | B.Sc. COMPUTER SCIENCE SEM 4 | SAKSHI GUPTA     |
| 28 | 420448 | B.Sc. COMPUTER SCIENCE SEM 4 | SAKSHI SOLANKI   |
| 29 | 420449 | B.Sc. COMPUTER SCIENCE SEM 4 | SAMRADDHI GUPTA  |
| 30 | 420450 | B.Sc. COMPUTER SCIENCE SEM 4 | SHIVANGI PANDEY  |
| 31 | 420451 | B.Sc. COMPUTER SCIENCE SEM 4 | TARUSHI SINGH    |
| 32 | 420453 | B.Sc. COMPUTER SCIENCE SEM 4 | VIVEK RAWAT      |
| 33 | 420454 | B.Sc. COMPUTER SCIENCE SEM 4 | YACHI PATEL      |
| 34 | 420455 | B.Sc. COMPUTER SCIENCE SEM 4 | YASHIKA MOHANE   |
| 35 | 420465 | B.Sc. COMPUTER SCIENCE SEM 4 | HIMANI GOHITE    |
| 36 | 420488 | B.Sc. COMPUTER SCIENCE SEM 4 | KHUSHI DANGI     |
| 37 | 420417 | B.Sc. COMPUTER SCIENCE SEM 4 | AASTHA SAHU      |
| 38 | 420417 | B.Sc. COMPUTER SCIENCE SEM 4 | AASTHA SAHU      |
| 39 | 420418 | B.Sc. COMPUTER SCIENCE SEM 4 | ABHIJEET DIWAN   |
| 40 | 420419 | B.Sc. COMPUTER SCIENCE SEM 4 | AKSHARA MISHRA   |
| 41 | 420421 | B.Sc. COMPUTER SCIENCE SEM 4 | AMIT SINGH DANGI |
| 42 | 420422 | B.Sc. COMPUTER SCIENCE SEM 4 | ANAMIKA BHARGAV  |
| 43 | 420423 | B.Sc. COMPUTER SCIENCE SEM 4 | ANIKET RAI       |
| 44 | 420425 | B.Sc. COMPUTER SCIENCE SEM 4 | AYUSHI SINHA     |
| 45 | 420426 | B.Sc. COMPUTER SCIENCE SEM 4 | DEVIKA TAMRAKAR  |
| 46 | 420427 | B.Sc. COMPUTER SCIENCE SEM 4 | DEVYANSHI NEMA   |
| 47 | 420428 | B.Sc. COMPUTER SCIENCE SEM 4 | FAIZAN ALI       |

*Shank*

|    |        |                              |                       |
|----|--------|------------------------------|-----------------------|
| 48 | 420430 | B.Sc. COMPUTER SCIENCE SEM 4 | JATIN SAHU            |
| 49 | 420431 | B.Sc. COMPUTER SCIENCE SEM 4 | LALIT KUMAR CHOUDHARY |
| 50 | 420432 | B.Sc. COMPUTER SCIENCE SEM 4 | MANSI PURVIYA         |
| 51 | 420433 | B.Sc. COMPUTER SCIENCE SEM 4 | NAMAMI YADAV          |
| 52 | 420434 | B.Sc. COMPUTER SCIENCE SEM 4 | NEELOTPAL SHARMA      |
| 53 | 420436 | B.Sc. COMPUTER SCIENCE SEM 4 | NIKITA GHOSLE         |
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| 61 | 420444 | B.Sc. COMPUTER SCIENCE SEM 4 | PRIYANSHI             |
| 62 | 420445 | B.Sc. COMPUTER SCIENCE SEM 4 | ROSHNI GOUR           |
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| 64 | 420448 | B.Sc. COMPUTER SCIENCE SEM 4 | SAKSHI SOLANKI        |
| 65 | 420449 | B.Sc. COMPUTER SCIENCE SEM 4 | SAMRADDHI GUPTA       |
| 66 | 420450 | B.Sc. COMPUTER SCIENCE SEM 4 | SHIVANGI PANDEY       |
| 67 | 420451 | B.Sc. COMPUTER SCIENCE SEM 4 | TARUSHI SINGH         |
| 68 | 420453 | B.Sc. COMPUTER SCIENCE SEM 4 | VIVEK RAWAT           |
| 69 | 420454 | B.Sc. COMPUTER SCIENCE SEM 4 | YACHI PATEL           |
| 70 | 420455 | B.Sc. COMPUTER SCIENCE SEM 4 | YASHIKA MOHANE        |



विभागाध्यक्ष,  
कम्प्यूटर विज्ञान  
विभाग, उत्कृष्टता संस्थान  
बोपाख :

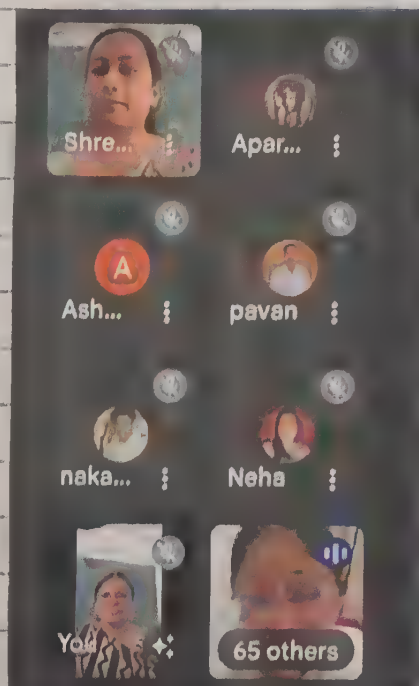
HEAD OF DEPARTMENT  
(COMPUTER SCIENCE)

Virtual Lecture on 23.03.2022



Invited Guest: Prof. Shubha Tiwari, Dean School of Languages, APS University, Rewa.  
Topic: 'Eco-Criticism'

Virtual Lecture, on 24.03.22



Invited Guest: Prof. Shubha Tiwari

Topic: 'Structuralism and Post-Structuralism'



2. A virtual lecture was jointly organised by Department of English, BSSS College and Institute for Excellence in Higher Education, Bhopal on 23.03.2022 from 12:00 to 1:00 PM. Prof. Shubha Tiwari, Dean School of Languages, APS University, Rewa was the resource person for the occasion. She delivered an insightful lecture on "Eco-Criticism". Dr. Shikha Basu, Head of the Department of English and Dr. Sana Farooqi joined the virtual session from BSSS College, Bhopal. Prof. Seema Mahmood, Prof. G.S. Gautam, Head of the Department of English and Dr. Shreeja Tripathi Sharma joined the session from Institute for Excellence in Higher Education, Bhopal. The lecture was planned for Final Year students of English who joined the session from both the institutions.

| S.No | Prof. G.S. Gautam, HOD, Deptt of English<br>Name | Signature          |
|------|--------------------------------------------------|--------------------|
| 01   | Dr Seema Mahmood                                 | - Seema            |
| 02   | Dr Shreeja Tripathi Sharma                       | Shreeja            |
| 03   | Pasunica Khare                                   | Khare              |
| 04   | Susabhi Dutta                                    | Susabhi            |
| 05   | Gajendra Singh Meelara                           | Gajendra           |
| 06   | Kumari Kiron Gupta                               | Kumari Kiron Gupta |
| 07   | Aparna Purohit                                   | Aparna             |
| 8    | Abhishek Singh Chandel                           | Abhishek           |
| 9    | Ajita T Thomas                                   | Ajita              |
| 10   | Agnesika Mazumdar                                | Agnesika           |
| 11   | Varun Brahman                                    | Varun              |
| 12   | Shilpa Kumar                                     | Shilpa             |
| 13   | Aarti Mishra                                     | Aarti              |
| 14   | Sumanika Raghunathi                              | Tahira             |



|     |                      |                 |
|-----|----------------------|-----------------|
| 15. | Rhea James           | <u>Rhea</u>     |
| 16. | Rabia Mujib          | <u>Rabia</u>    |
| 17. | Menika Tripathi      | <u>Menika</u>   |
| 18. | Nidhi Padamwar       | <u>Nidhi</u>    |
| 19. | Juhi Chouhan         | <u>Juhi</u>     |
| 20. | Mahima Gaur          | <u>Mahima</u>   |
| 21. | Piyush Singh Sisodia | <u>Piyush</u>   |
| 22. | Shrinal Navik        | <u>Shrinal</u>  |
| 23. | Ashmita Jain         | <u>Ashmita</u>  |
| 24. | Gurjan Shrivastava   | <u>Gurjan</u>   |
| 25. | Harish Athankar      | <u>Harish</u>   |
| 26. | Nakshtra Shrivastava | <u>Nakshtra</u> |
| 27. | Syona M. Johnson     | <u>Syona</u>    |
| 28. | Himanki Shukla       | <u>Himanki</u>  |
| 29. | Khushi R. Pandey     | <u>Khushi</u>   |
| 30. | Ayushi Thakur        | <u>Ayushi</u>   |
| 31. | Aditi Phra           | <u>Aditi</u>    |
| 32. | Riza Shahab          | <u>Riza</u>     |
| 33. | Alina Ansari         | <u>Alina</u>    |
| 34. | Mahi Choubey         | <u>Mahi</u>     |
| 35. | Pankaj Bhargava      | <u>Pankaj</u>   |
| 36. | Mintu Jain           | <u>Mintu</u>    |
| 37. | Aditya Gangra        | <u>Aditya</u>   |
| 38. | Naveet Sankaran      | <u>Naveet</u>   |
| 39. | Maisara Khan         | <u>Maisara</u>  |

1. A virtual lecture was jointly organised by Saint Aloysius' College, Jabalpur and Institute for Excellence in Higher Education, Bhopal on 04.03.22 from 10:30 to 11:30 AM. The lecture was delivered by Dr Shreeja Tripathi Sharma on "Research Methodology for Literary Studies for students of MA in English. The session was joined by students from both the institutions. Dr Neelanjana Pathak and Dr Niharika joined the lecture from St Aloysius, Jabalpur.

S.No. Name

1. Dr. Shreeja Tripathi Sharma

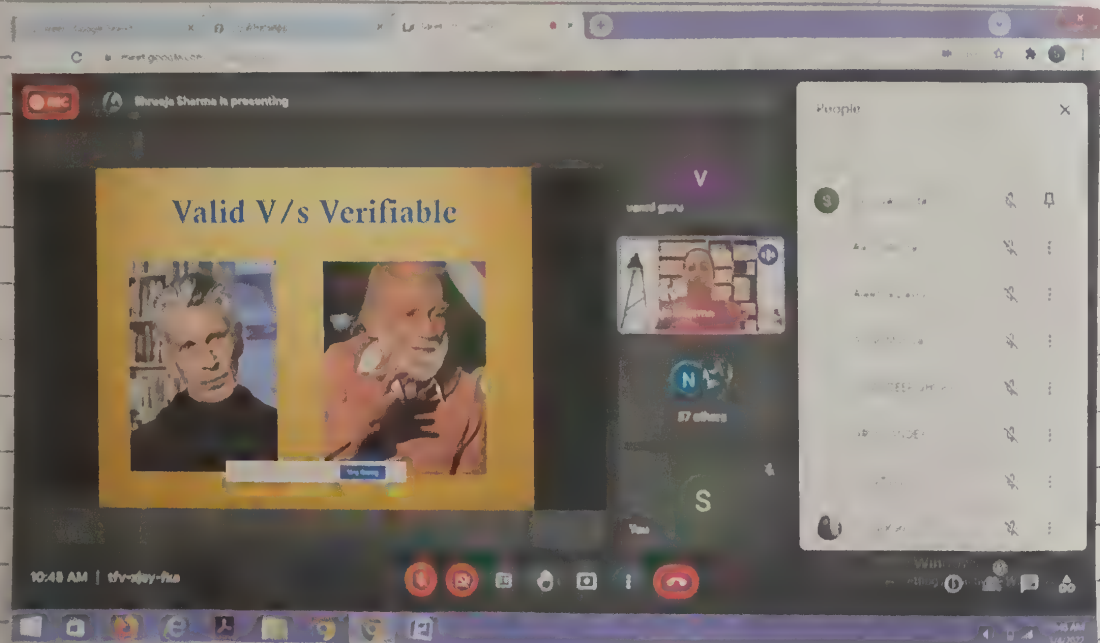
Shreeja

| S.no. | Name                   |                    |
|-------|------------------------|--------------------|
| 01.   | Abhishek Singh Chandel | Abhishek           |
| 02.   | Varun Brahmane         | Varun              |
| 03.   | Paynica Khare          | Khare              |
| 04.   | Agnieszka Mazumdar     | Agnieszka          |
| 05.   | Kumari Kiran Gupta     | Kumari Kiran Gupta |
| 06.   | Susabhi Dutta          | Susabhi            |
| 07.   | Shikha Kumre.          | Shikha             |
| 08.   | Pijin J Thomas         | Pijin              |
| 09.   | Aarti Mishra           | Aarti              |
| 10.   | Anamika Raghunathi     | Anamika            |
| 11.   | Rhea James             | Rhea               |
| 12.   | Rabia Myeal            | Rabia              |
| 13.   | Monika Tripathi        | Monika             |
| 14.   | Nidhi Padamwar         | Nidhi              |
| 15.   | Ishu Chouhan           | Ishu               |
| 16.   | Mahima Gaur            | Mahima             |
| 17.   | Piyush Singh Sisodia   | Piyush             |
| 18.   | Shreyas Navik          | Shreyas            |
| 19.   | Ashmita Jain           | Ashmita            |
| 20.   | Gurvan Shrivastava     | Gurvan             |
| 21.   | Harsh Athankar         | Harsh              |
| 22.   | Nakshtra Shrivastava   | Nakshtra           |

07/04/22

23. Ayushi Thakur
24. Shikha Pra
25. Khushi R Pandey
26. Himankshi Shukla
27. Riza Shahab
28. Alina Amari
29. Mahi Choubey
30. Janhavi Bhatnagar
31. Minto Jain
32. Aditya Gangra
33. Aliya
34. Nuneet Satunkar

your  
 Aditi  
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 Alin  
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 Minto  
 Aditya  
 Aliya  
 Nuneet



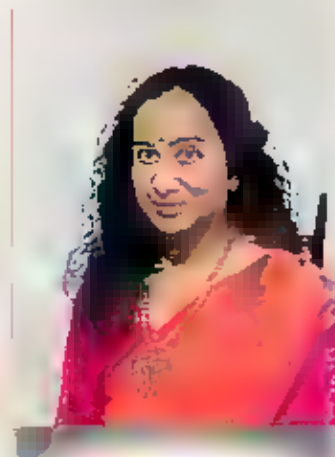


**St. Aloysius' College, Jabalpur**  
&  
**Lumière, Literary Society**  
**IEHE, Bhopal**

**present a lecture on**

**Research Methodology for Literary Studies**

**by**

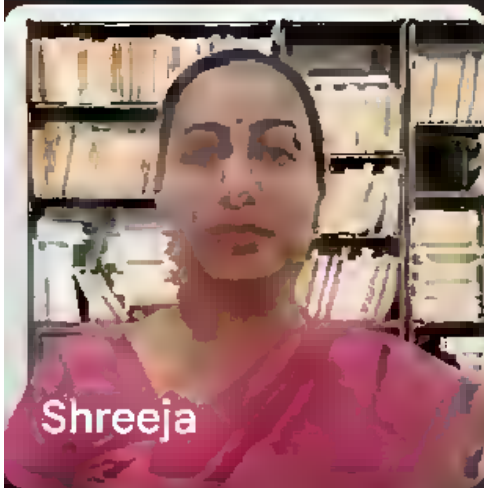


**Dr Shreeja Tripathi Sharma**  
**Assistant Professor of English,**  
**Institute for Excellence in Higher Education, Bhopal**

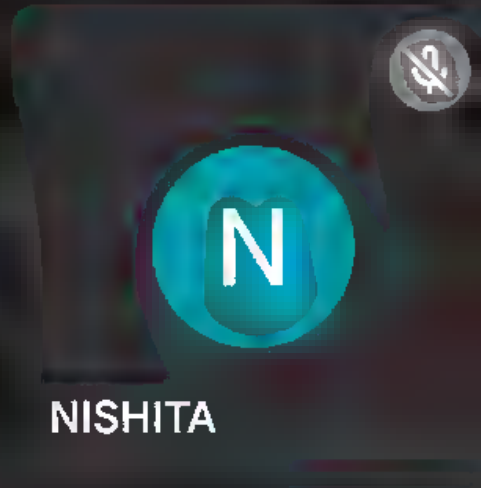
**04.03.2022, Thursday**  
**10:30 AM**



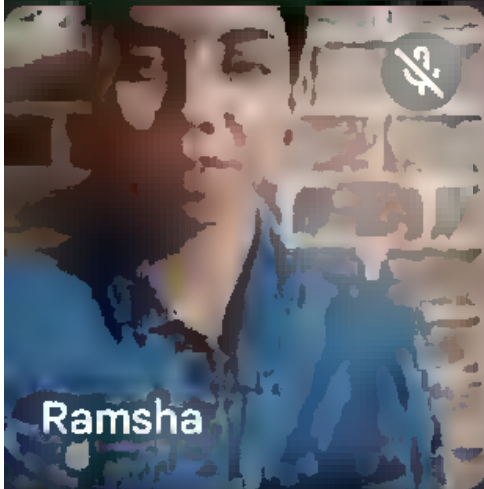
REC



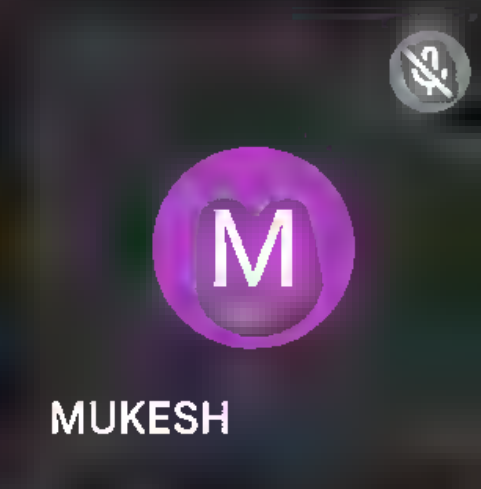
Shreeja



NISHITA



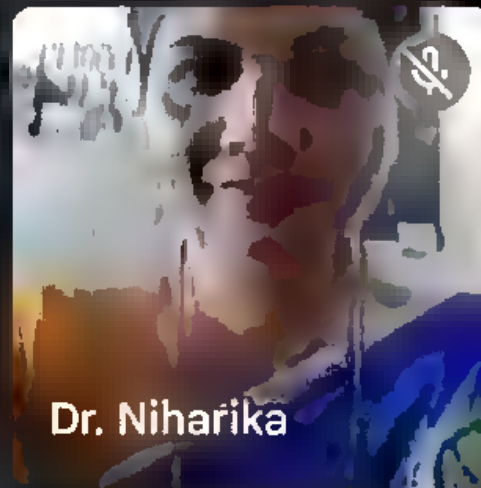
Ramsha



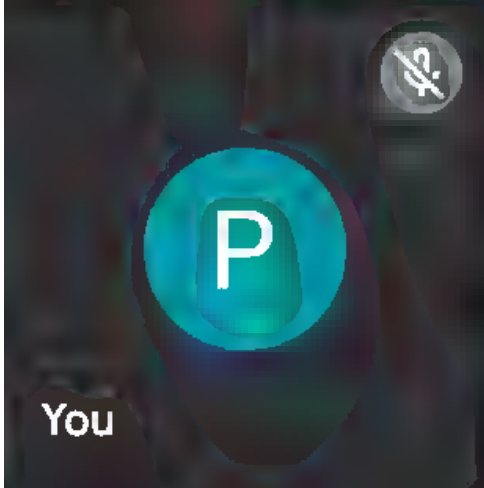
MUKESH



K. Sharatchandran



Dr. Niharika



You



Neelanjan45 others

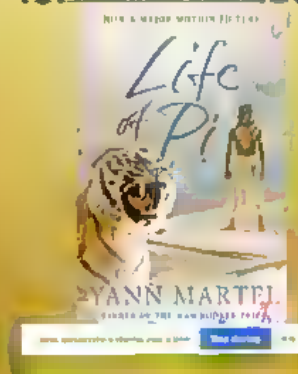
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REC



How can we employ  
Research in Literature?



Shreeja is presenting



Priyanka



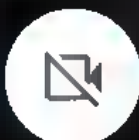
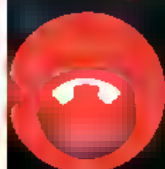
Shreeja



You



NISHI 54 others



XV-OR=15

विषय - वर्कशाप फॉर स्टूडेंट ऑन राइट टू इन्फॉर्मेशन एक्ट 2005" विषयक एक दिवसीय कार्यशाळा दिनांक 28 मार्च 2022

प्रुपया नोडल अधिकारी, सूचना का अधिकार परियोजना, आर. सी. व्ही. पी. नरीन्दा प्रशासन एवं संबंधीय अकादमी, म.प्र. भोपाल के पत्र क्र. 978/अका/आरटीआई/स.वि. /2021-22 भोपाल दिनांक 24.03.2022 का अवलोकन करना चाहें। आपसे हुई चर्चानुसार कार्यशाळा आयोजन हेतु निम्नानुसार व्यवस्था कर इस आशा की सूचना के विवरण के साथ नोडल अधिकारी को भेजे जागे वाले पत्र की स्वच्छ प्रतियाँ हस्ताक्षरार्थ तैयार हैं।

कार्यशाळा समन्वयक - डॉ. इंदु पाण्डेय, विभागाध्यक्ष, राजनीति शास्त्र विभाग, उच्च शिक्षा उत्पुष्टता संस्थान भोपाल

LCD/OMP ऑपरेटर - डॉ. अमित मन्दीप, IT Cell, उच्च शिक्षा उत्पुष्टता संस्थान भोपाल

मुख्य — श्री चम्पा लाय

कार्यशाळा स्थल - हॉल पुर्णक-4, गीत अकादमिक भवन, उच्च शिक्षा उत्पुष्टता संस्थान भोपाल

अनुमोदनार्थ तथा हस्ताक्षरार्थ तैयार

संज्ञातक  
आयलिय

आपक करे।

Dr. Bhanchod  
25.3.2022  
डॉ. अजय कुमार गारुडान  
आयलिय  
उच्च शिक्षा उत्पुष्टता संस्थान  
भोपाल

25/03/22

आपक क्र. 3054/21-22

दिनांक 25/03/2022

XV-OR=15

विषय - St. Aloysius College Jabalpur, के साथ किये गये MOU के निष्पादन विषयक -

निष्पत्ति-कर्म लेख है कि St. Aloysius College Jabalpur के साथ किये गये MOU के तहत विनिश्चय कार्यक्रम आयोजित किया जाना है। उपरोक्त महाविद्यालय के बायोटेक्नोलॉजी विभाग के निभागाध्यक्ष डॉ. अश्विनी कौल पांडे सर का एक expert lecture दिनांक 22.12.21 को 2 बजे Google meet के माध्यम से आयोजित किया गया है, जिसमें B.Sc & M.Sc Biotechnology के विद्यार्थी लाभागमित होंगे, कृपया कार्यक्रम के निष्पादन की अनुमति देना चाहे, और इसे website पर upload भी करना चाहे।

संयोजक

Permitted.

HOD (Biotech)

RVar  
(डॉ. रंजना वर्मा)  
निभागाध्यक्ष  
बायोटेक्नोलॉजी

24/12/21

751  
22/12/21  
21





**Institute for Excellence in Higher Education, Bhopal**

**उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल**

**Department of Biotechnology**

**EXPERT LECTURE ON**

**"Gene Cloning: An overview of method"**

(As per Memorandum of Understanding with St. Aloysius College, Jabalpur)

**Wednesday: 22nd December 2021 TIME: 2 pm**

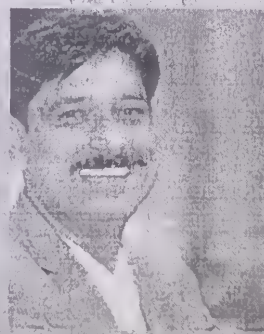
## **Programme Details**

**Welcome and Introductory address : Dr. Ajay Kumar Bharadwaj,  
Professor, IEHE**

*Honorable Speaker*

**Dr. Laxmikant Pandey, Head, Department of Biotechnology,  
St. Aloysius College, Jabalpur**

**Topic: Gene Cloning: An overview of method**



**Venue: The lecture will be delivered on Online Platform, Google Meet.**

**Convenor**

**Dr. Ranjana Varma,**

**Head**

**Dept. of Biotechnology**

**Patron**

**Dr. Pragyesh Kumar Agrawal**

**Director**

**IEHE**

**Organizers**

**Dr. Ruchira Choudhary**

**Dr. A.K. Bharadwaj**

**Dr. H.K. Garg**

**Organising Team: Dr. Shubhda Diwan, Dr. Pratima Sharma, Mrs. Jyoti Khare, Ms. Simmy Balyan**

**Meeting link: <https://meet.google.com/qzo-ryri-css>**

## Class

53 responses

Msc prev 1st sem

Bsc biotechnology

Bsc 2nd year biotechnplog(H) /chemistry(S)

Bsc biotechnology 3rd year

B.sc Biotechnology Honours

BSC honour first year biotech

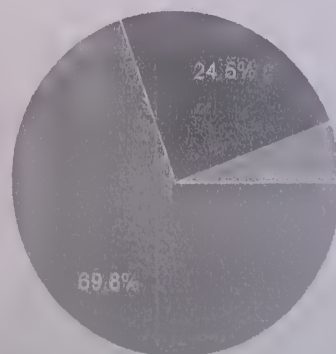
Bsc. Biotechnology

M.Sc biotechnology, Final year

Bsc 2nd year biotechnology honours

### How did you rate the content of the lecture?

53 responses

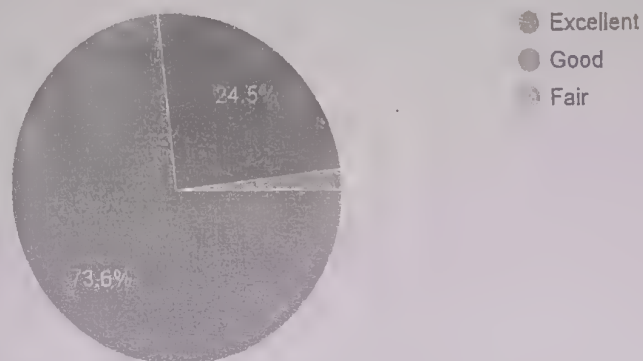


- Excellent
- Very Good
- Good
- Satisfactory



How did you rate the presentation skills?

53 responses



How far you find the lecture useful?

53 responses



How far did the lecture meet your expectation?

53 responses



Any other suggestions

13 responses

No

No

Noo

no one

Seminar was overall useful for future as in biotech perspective

More such events should be organized

No suggestions

It was overall insightful .

it is a very helpful lecture

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Google Forms



# Feedback Form

53 responses

Publish analytics

## Name

53 responses

Sakeena abbas

Payal sharma

Divya Hirodiya

Aileen Toppo

Sweety Dawande

Preciiious ganveer

Neha Malviya

Divyanshi Dubey

Pooja Dhanwani

**PARTICIPANT**

| TEACHER |                         |                     |                   |
|---------|-------------------------|---------------------|-------------------|
| 1       | Dr. RANJANA VARMA       |                     | B.Sc. BIOTECH     |
| 2       | Dr AJAY KUMAR BHARADWAJ |                     | B.Sc. BIOTECH     |
| 3       | Dr. H. K. GARG          |                     | B.Sc. BIOTECH     |
| 4       | Dr. RUCHIRA CHAUDHARY   |                     | B.Sc. BIOTECH     |
| 5       | Dr. PRATIMA SHARMA      |                     | B.Sc. BIOTECH     |
| 6       | Ms. JYOTI KHARE         |                     | B.Sc. BIOTECH     |
| 7       | Ms. SIMMY BALYAN        |                     | B.Sc. BIOTECH     |
| STUDENT |                         |                     |                   |
| S.N.    | RO. NO.                 | CLASS               | NAME OF STUDENT   |
| 1       | 420151                  | B.Sc. BIOTECH SEM 4 | ADITYA SHAKYA     |
| 2       | 420152                  | B.Sc. BIOTECH SEM 4 | AKRATI VERMA      |
| 3       | 420154                  | B.Sc. BIOTECH SEM 4 | ANSHIKA NAIR      |
| 4       | 420156                  | B.Sc. BIOTECH SEM 4 | ARIBAH ARSHAD     |
| 5       | 420157                  | B.Sc. BIOTECH SEM 4 | BHARTI SINGH      |
| 6       | 420159                  | B.Sc. BIOTECH SEM 4 | DIVY PRABHA SINGH |
| 7       | 420160                  | B.Sc. BIOTECH SEM 4 | DIVYA HIRODIYA    |
| 8       | 420161                  | B.Sc. BIOTECH SEM 4 | DIVYANSHI DUBEY   |
| 9       | 420163                  | B.Sc. BIOTECH SEM 4 | HARSHA BHALAVI    |
| 10      | 420164                  | B.Sc. BIOTECH SEM 4 | HARSHAN MEHRA     |
| 11      | 420166                  | B.Sc. BIOTECH SEM 4 | JUVERIA SAMI      |
| 12      | 420167                  | B.Sc. BIOTECH SEM 4 | LATHIKA RAGHAVAN  |
| 13      | 420168                  | B.Sc. BIOTECH SEM 4 | LEENA WANJARE     |
| 14      | 420169                  | B.Sc. BIOTECH SEM 4 | MEGHNA DUBEY      |

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| 15 | 420170 | B.Sc. BIOTECH SEM 4 | MUKUND BHALAVE          |
| 16 | 420171 | B.Sc. BIOTECH SEM 4 |                         |
| 17 | 420172 | B.Sc. BIOTECH SEM 4 | NEELIMA SAIYAM          |
| 18 | 420173 | B.Sc. BIOTECH SEM 4 | NIYATI SAINI            |
| 19 | 420174 | B.Sc. BIOTECH SEM 4 | PAYAL KULHARI           |
| 20 | 420175 | B.Sc. BIOTECH SEM 4 | PRACHI KASHYAP          |
| 21 | 420176 | B.Sc. BIOTECH SEM 4 | PRAKHAR SAHU            |
| 22 | 420177 | B.Sc. BIOTECH SEM 4 | PRAKRITI<br>SHRIVASTAVA |
| 23 | 420178 | B.Sc. BIOTECH SEM 4 | PRANSHU KEER            |
| 24 | 420179 | B.Sc. BIOTECH SEM 4 | REWA MALVIYA            |
| 25 | 420180 | B.Sc. BIOTECH SEM 4 | RITISHA SAHARE          |
| 26 | 420181 | B.Sc. BIOTECH SEM 4 | RIYA SAHU               |
| 27 | 420182 | B.Sc. BIOTECH SEM 4 | SALONI MEHRA            |
| 28 | 420183 | B.Sc. BIOTECH SEM 4 | SANSKRITI MISHRA        |
| 29 | 420184 | B.Sc. BIOTECH SEM 4 | SHAILJA DWIVEDI         |
| 30 | 420186 | B.Sc. BIOTECH SEM 4 | SHREYA WALKE            |
| 31 | 420187 | B.Sc. BIOTECH SEM 4 | SHRUTI MISHRA           |
| 32 | 420188 | B.Sc. BIOTECH SEM 4 | TANYA KAMLESH           |
| 33 | 420190 | B.Sc. BIOTECH SEM 4 | VARTIKA TIWARY          |
| 34 | 420191 | B.Sc. BIOTECH SEM 4 | VIDHI VERMA             |
| 35 | 420192 | B.Sc. BIOTECH SEM 4 | YUKTA                   |
| 36 | 420193 | B.Sc. BIOTECH SEM 4 | SAKEENA ABBAS           |

|    |        |                     |                         |
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| 37 | 420151 | B.Sc. BIOTECH SEM 4 | ADITYA SHAKYA           |
| 38 | 420152 | B.Sc. BIOTECH SEM 4 | AKRATI VERMA            |
| 39 | 420154 | B.Sc. BIOTECH SEM 4 | ANSHIKA NAIR            |
| 40 | 420156 | B.Sc. BIOTECH SEM 4 | ARIBAH ARSHAD           |
| 41 | 420157 | B.Sc. BIOTECH SEM 4 | BHARTI SINGH            |
| 42 | 420159 | B.Sc. BIOTECH SEM 4 | DIVY PRABHA SINGH       |
| 43 | 420160 | B.Sc. BIOTECH SEM 4 | DIVYA HIRODIYA          |
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| 52 | 420171 | B.Sc. BIOTECH SEM 4 | NANDINI AGRAWAL         |
| 53 | 420172 | B.Sc. BIOTECH SEM 4 | NEELIMA SAIYAM          |
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| 59 | 420178 | B.Sc. BIOTECH SEM 4 | PRANSHU KEER           |
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| 68 | 420188 | B.Sc. BIOTECH SEM 4 | TANYA KAMLESH          |
| 69 | 420190 | B.Sc. BIOTECH SEM 4 | VARTIKA TIWARY         |
| 70 | 420191 | B.Sc. BIOTECH SEM 4 | VIDHI VERMA            |
| 71 | 420192 | B.Sc. BIOTECH SEM 4 | YUKTA                  |
| 72 | 420193 | B.Sc. BIOTECH SEM 4 | SAKEENA ABBAS          |
| 74 | 420027 | B.Sc. BIOTECH SEM 4 | ABDULLAH NAZIM<br>KHAN |
| 75 | 420029 | B.Sc. BIOTECH SEM 4 | AMIT TIWARI            |
| 76 | 420030 | B.Sc. BIOTECH SEM 4 | ANKITA KHATARKAR       |
| 77 | 420031 | B.Sc. BIOTECH SEM 4 | ANMOL NAMDEV           |
| 78 | 420032 | B.Sc. BIOTECH SEM 4 | ANURAG SHARMA          |
| 79 | 420033 | B.Sc. BIOTECH SEM 4 | ARZOO TIWARI           |
| 80 | 420034 | B.Sc. BIOTECH SEM 4 | ASHI PANDEY            |
| 81 | 420035 | B.Sc. BIOTECH SEM 4 | ASTHA MISHRA           |
| 82 | 420036 | B.Sc. BIOTECH SEM 4 | DEEPANSHU PANDEY       |

RVa

HEAD OF DEPARTMENT  
(BIOTECHNOLOGY)

विद्यार्थियों ने ETPBS के बारे में भी जाना। इलेक्ट्रॉनिकली ट्रांसमिटेड पोस्टल बैलेट सिस्टम (ETPBS) सर्विस वोटर्स को पोस्टल बैलेट का एकतरफा इलेक्ट्रॉनिक ट्रांसमिशन है। सेवा मतदाता तब अपना वोट डालता है और डाक के माध्यम से संबंधित रिटर्निंग अधिकारी को भेजता है। सुरक्षित संचरण सुनिश्चित करने के लिए पूरी प्रक्रिया कई जांचों और ट्रांसमिशन प्रोटोकॉल के माध्यम से सुरक्षित है।

श्री प्रवास जैन राष्ट्रीय स्तर पर ट्रेनर है। उनके द्वारा कई आईएस अधिकारियों की ट्रेनिंग की गयी है।



श्री राजीव जैन ने IT सम्बंधित विषयो पर विद्यार्थियों से चर्चा की।

भारत निर्वाचन आयोग (ईसीआई) ने सभी मतदान केंद्रों की डिजिटल मैपिंग के लिए GARUDA APP लॉन्च किया है, ताकि चुनाव कार्य तेजी से, स्मार्ट, पारदर्शी और समय पर पूरा हो सके। GARUDA APP के माध्यम से बूथ स्तर के अधिकारी (बीएलओ) अपने पंजीकृत मोबाइल नंबरों से केंद्र के अक्षांश और देशांतर जैसे डेटा के साथ मतदान केंद्रों की तस्वीरें और स्थान की जानकारी अपलोड करेंगे। ऐप कागजी कार्रवाई को कम करने में भी मदद करेगा।

श्री राजीव जैन ने ERO-NET के बारे में बच्चों को अवगत कराया।

यह 14 भाषाओं और 11 लिपियों में निर्वाचन अधिकारियों के लिए एक वेब-आधारित प्रणाली है जो चुनाव के संचालन में सहायता करती है।

Collaboration with Regional Centre for Urban and Environmental Studies, Lucknow University, 23/03/2022.

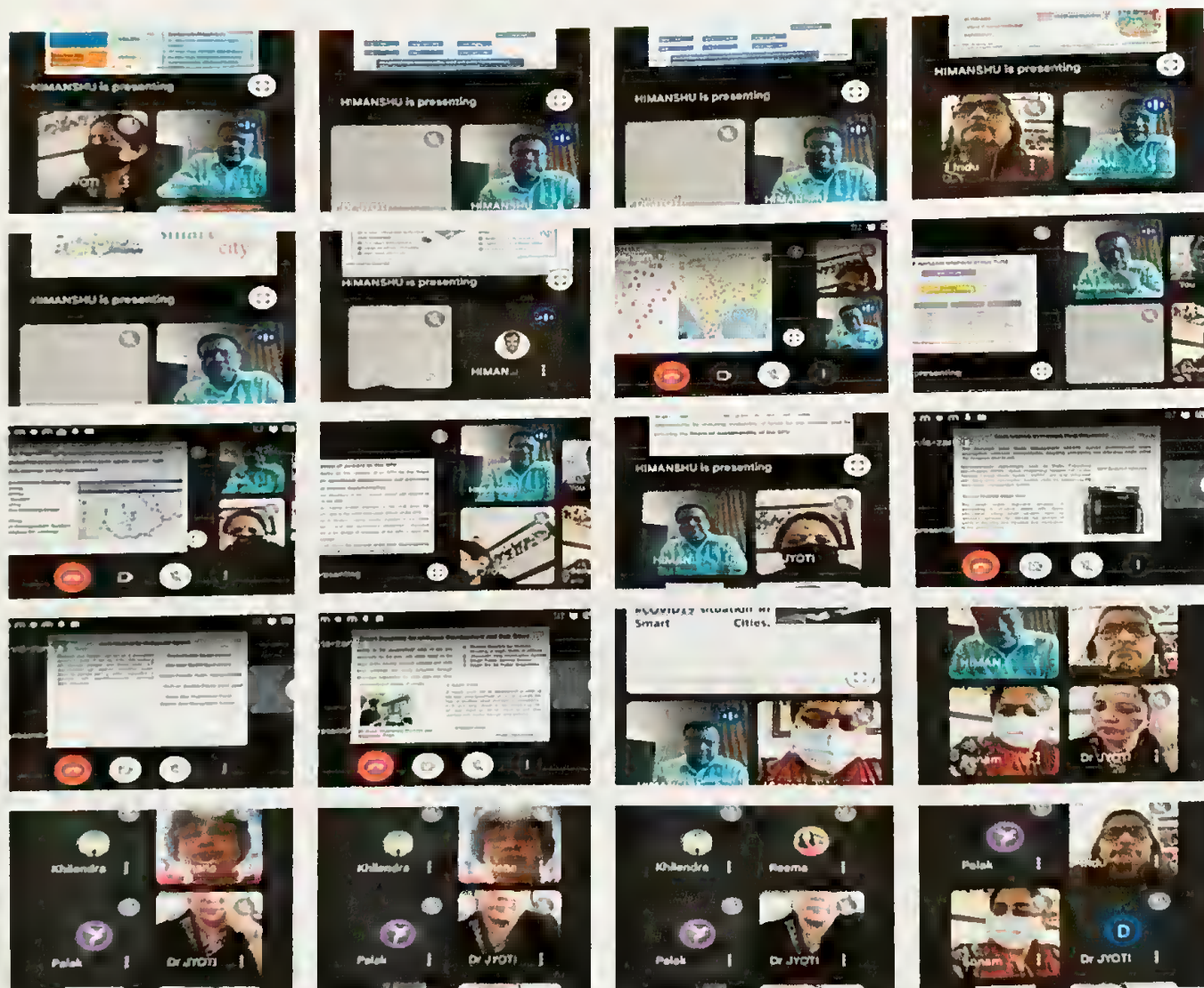
## Department of Political Science & Public Administration

Online Lecture By – Dr. Himanshu Chandra

on

## SMART CITY: AN IDEA REVOLUTIONISING THE PROCESS OF URBANIZATION

*Date - March 23, 2022*







**INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOPAL**

(AN 'A' GRADE STATE LEVEL INSTITUTION)



**DEPT. OF POLITICAL SCIENCE AND PUBLIC ADMINISTRATION**

**PRESENTS AN ONLINE LECTURE ON**

**'SMART CITY' : AN IDEA *REVOLUTIONISING THE PROCESS OF URBANISATION***

**DATE : 23rd MARCH 2022**

**UNDER AN MoU WITH**

**REGIONAL CENTRE FOR URBAN AND ENVIRONMENTAL STUDIES,  
LUCKNOW**



**Patron**  
**Dr. Pragyesh Kumar**  
**Agrawal**  
Director  
IEHE, Bhopal



**Patron**  
**Dr. Nishith Rai**  
Director  
RCUES, Lucknow



**Convener**  
**Dr. Indu Pandey**  
HOD  
Political science Dept.



**Speaker**  
**Mr. Himanshu**  
**Chandra**  
Assistant Director  
RCUES, Lucknow

**REGISTRATION LINK : <https://www.iehe.ac.in/Seminar/SWCRegistration.aspx>**

**\*E- Certificates will be provided to the participants.**



**Department of Political Science & Public Administration**  
**Report on Online Lecture under MoU with RCEUS**  
**Speaker: Himanshu Chandra, Addl. Director, RCEUS**  
**Topic: 'Smart City': An Idea Revolutionising the process of Urbanisation**  
**23/03/22, Google Meet**

The moderator began with the introduction of the Speaker and how he has contributed to the field of planning and development. After the introduction Mr. Himanshu Chandra was invited to begin with his lecture with the use of PPT.

The speaker explained how 'smart city' is headed towards informative societies and network facilitation. The idea behind such a project is to make urban spaces economically and politically viable and sustainable in the long run. He gave different names that have been used across countries for 'smart city'. To name a few: global society (Sasskia Sassen), Network Societies (M.Castell), Wireless Cities (Sukumar) and others.

Mr. Chandra went on to explain the usage of internet as crucial to interacting with the city. He gave relevant examples for explaining this such as Ola, Uber, Google Maps, etc. Here the idea is to manage all the basic amenities through such digital platforms which in turn reflect on the creation of smart city. He emphasised on the point that smart city is the one that make better choices.

Since the 74<sup>th</sup> Amendment Act there have been changes made in the administrative capabilities and more emphasis has been laid down on creating smarter ways to deal with the problems cropping up in the urban spaces. He mentioned SPV (Special Purpose Vehicles) which are acting as vehicles of change in the administration. He also gave a comparative analysis between ULB system and SPV system and spoke about the need to keep financial sustainability as a parameter in decision making.

He explained that under the smart city project there are options to also appoint private CEOs under the Company Act 2013. This will help in overcoming the lethargy and laid back attitude of functionaries under the public sector. He gave example of Indore and Bhopal and how the two cities are embarking on their path towards becoming successful smart cities. His session gave relevant examples as and when required making the technical parts seem easy. There is a new concept of smart parking which is functioning well in Connaught Place, delhi and is being replicated elsewhere.

The use of smart techniques have revolutionised many administrative functions and improvised systems such as Public transport services/ Traffic Management Control centre (TMCC), Traffic Information System, Smart Street, Pelican and Puffin Pedestrian Crossing System, Common Mobility Card (being working well in Kochi where one card is used for all payments). The techniques have helped in tracking water supply augmentation and also seek distribution management. In the water management sector various efforts have been undertaken such as waste water management, smart manholes, municipal waste management through GPS enabled vehicles, smart bins and others. Bhopal has set up an example of using street lights with energy efficiency techniques which is being imitated elsewhere. The workload has been shifted on online platforms to make it more accessible to people such as e-nagarpalika. Tourism industry is also benefitting out of these smart techniques as these platforms help in enhancing avenues for travel.

There are portals being created under it where one can look up information on domestic helps. During COVID times smart city concepts helped manage the panic and also restored help for people through e-health systems. This was successfully used in Rajkot, Agra, Bhopal and Indore. Drones were used to track COVID hotspots and then send help in the form of e-doctors and e-medicines in Agra. 'Twitter Model' is a new model of ensuring accountability of administration and also of speedy resolution of problems.

He concluded by appealing that all these function well when we perform our role as citizens and help in ensuring smooth functioning of these. Feedbacks are a must and only they can help review policies and can lead to further improvements.

The moderator then opened the floor for questions. The first question was asked by a student named Palak Maurya. She raised the concern that there are e-bicycles provided for use of citizens but they are not kept well and people also indulge in rough handling so how can that be tackled. To this Mr. Chandra responded by reiterating the fact that role of people in making any effort successful is crucial and can be done when we are sensitive.

Next Question was raised by Dr. Sadhna Pandey who asked about the imbalance between urban and local bodies in context of smart city. The speaker argued that the imbalance is perceived at the outset because in functioning everything has been kept under the relevant authority without surpassing any local body. Dr. Sonam Goyal asked two questions: one isn't the idea of smart city leading to manpower displacement which is dangerous for a country like India with vast unemployed population and second, in Bhopal in the name of smart city many trees were laid off to construct roads which in turn will harm environment, so the project does not seem sustainable after all. Mr. Chandra answered that the manpower has to be engaged in employment opportunities and it is correct but what smart city is trying to do is to make the system transparent and accessible. He gave example of railways and banking where creation of jobs hasn't been impacted with bringing smart techniques in. Instead the access and ease of customers has increased manifold and in the field of innovation and maintenance jobs have been rising as well. Also it creates new ventures of employment if one may look closely. He responded to the second query that earlier the green cover wasn't defined under smart city but in the last few years governments are clear about mandatory maintenance of greenery in smart city.

He concluded by appealing students to look up the case study of 'khaddar ki girls' belonging to delhi slums who raise concerns through RAP songs. Similarly he asked to understand the model of APMS (Air Pollution Models) to assess and resolve pollution concerns.

To conclude the meeting Dr. Indu Pandey (head of Department) extended a vote of thanks to the Speaker reflecting on the relevance of the topic and its future need. Dr. Anita Deshpande also expressed her gratefulness towards the Speaker for such an interactive session. Lastly, Dr. Sadhna Pandey expressed her wish to plan a visit to RCEUS with students to understand the process of urbanisation more closely.

Dr. Indu Pandey

Head of Department

Department of Political Science & Public Administration

IHEE, Bhopal

| PARTICIPANT : |                 |                   |                          |
|---------------|-----------------|-------------------|--------------------------|
| TEACHERS      |                 |                   |                          |
| 1             | ANITA DESHPANDE | POLITICAL SCIENCE |                          |
| 2             | INDU PANDEY     | POLITICAL SCIENCE |                          |
| 3             | SADHNA PANDEY   | POLITICAL SCIENCE |                          |
| 4             | ANU THAKUR      | POLITICAL SCIENCE |                          |
| 5             | ONKAR TIEARI    | POLITICAL SCIENCE |                          |
| 6             | SAHALINI SINGH  | POLITICAL SCIENCE |                          |
| 7             | JYOTI KAURAV    | POLITICAL SCIENCE |                          |
| STUDENTS      |                 |                   |                          |
| S.N.          | RO. NO.         | CLASS             | NAME OF STUDENT          |
| 1             | 320352          | BA POL.SCI. SEM 5 | SHUBH ASATI              |
| 2             | 320356          | BA POL.SCI. SEM 5 | RADHIKA DWIVEDI          |
| 3             | 320358          | BA POL.SCI. SEM 5 | ANAMIKA                  |
| 4             | 320359          | BA POL.SCI. SEM 5 | RAJKUMAR                 |
| 5             | 320360          | BA POL.SCI. SEM 5 | RAJKUMAR MEENA           |
| 6             | 320361          | BA POL.SCI. SEM 5 | SUNIDHI GOEL             |
| 7             | 320362          | BA POL.SCI. SEM 5 | AAIRA TANVEER            |
| 8             | 320364          | BA POL.SCI. SEM 5 | APOORVA SINGH<br>AHIRWAR |
| 9             | 320366          | BA POL.SCI. SEM 5 | DEEPAK KUMAR<br>THAKUR   |
| 10            | 320367          | BA POL.SCI. SEM 5 | DEEPAK MARSKOLE          |
| 11            | 320368          | BA POL.SCI. SEM 5 | DEVADITYA MALVIYA        |
| 12            | 320369          | BA POL.SCI. SEM 5 | GARGI CHOUDHARY          |
| 13            | 320371          | BA POL.SCI. SEM 5 | JHALAK NAMDEO            |
| 14            | 320372          | BA POL.SCI. SEM 5 | JYOTI CHOUHAN            |
| 15            | 320375          | BA POL.SCI. SEM 5 | KUNAL BAGIYAR            |
| 16            | 320376          | BA POL.SCI. SEM 5 | M LIPIKA                 |
| 17            | 320378          | BA POL.SCI. SEM 5 | MOHNEESH PARTE           |
| 18            | 320379          | BA POL.SCI. SEM 5 | NANDNEE DEEWAN           |
| 19            | 320380          | BA POL.SCI. SEM 5 | NARENDRA BADODE          |
| 20            | 320382          | BA POL.SCI. SEM 5 | PALAK MAURYA             |
| 21            | 320383          | BA POL.SCI. SEM 5 | PRADUM UIKEY             |
| 22            | 320384          | BA POL.SCI. SEM 5 | PRIYA SINGH              |



|    |                  |                   |                                    |
|----|------------------|-------------------|------------------------------------|
| 23 | 320385           | BA POL.SCI. SEM 5 | PRIYAL PANTHI                      |
| 24 | 320386           | BA POL.SCI. SEM 5 | RAGHVENDRA PRATAP<br>SINGH CHANDEL |
| 25 | 320387           | BA POL.SCI. SEM 5 | RAVI RAJAK                         |
| 26 | 320388           | BA POL.SCI. SEM 5 | RITIKSHA CHOUREY                   |
| 27 | 320389           | BA POL.SCI. SEM 5 | SACHIN AHIRWAR                     |
| 28 | 320390           | BA POL.SCI. SEM 5 | SEJAL MEENA                        |
| 29 | 320393           | BA POL.SCI. SEM 5 | VAISHNAVI CHOUHAN                  |
| 30 | 320394           | BA POL.SCI. SEM 5 | YASH TIWARI                        |
| 31 | 320395           | BA POL.SCI. SEM 5 | YASHODA LODHI                      |
| 32 | 320396           | BA POL.SCI. SEM 5 | ASHUTOSH MEENA                     |
| 33 | 320397           | BA POL.SCI. SEM 5 | ABHIJEET GOUR                      |
| 34 | 320398           | BA POL.SCI. SEM 5 | NIKHIL CHOUHAN                     |
| 35 | 320399           | BA POL.SCI. SEM 5 | SNEHA SAHU                         |
| 36 | 320400           | BA POL.SCI. SEM 5 | MEENAL CHOUHAN                     |
| 37 | 320026           | BA POL.SCI. SEM 5 | ANAMAY BILLOREY                    |
| 38 | 320028           | BA POL.SCI. SEM 5 | DEEPAK AHIRWAR                     |
| 39 | 320029           | BA POL.SCI. SEM 5 | JAHANVI SHRIVASTAVA                |
| 40 | 320030           | BA POL.SCI. SEM 5 | NITYA TIWARI                       |
| 41 | 320031           | BA POL.SCI. SEM 5 | PARYANT JAIN                       |
| 42 | 320032           | BA POL.SCI. SEM 5 | POOJA AHIRWAR                      |
| 43 | 320034           | BA POL.SCI. SEM 5 | SAKSHI SONI                        |
| 44 | 320035           | BA POL.SCI. SEM 5 | SATWIK SINGH                       |
| 45 | 320036           | BA POL.SCI. SEM 5 | SHIKHA MEHAR                       |
| 46 | 320037           | BA POL.SCI. SEM 5 | SMRITI MISHRA                      |
| 47 | 320038           | BA POL.SCI. SEM 5 | SOUMYA PARIHAR                     |
| 48 | 320040           | BA POL.SCI. SEM 5 | TANUSHREE CHOUHAN                  |
| 49 | 320124           | BA POL.SCI. SEM 5 | PALAK SINGH                        |
| 50 | 320125           | BA POL.SCI. SEM 5 | PRANJALI PATEL                     |
| 51 | 320126           | BA POL.SCI. SEM 5 | PRINCE RAGHUWANSHI                 |
| 52 | 320129           | BA POL.SCI. SEM 5 | VARCHASVA DUBEY                    |
| 53 | KHUSHI<br>RAJPUT | BA POL.SCI. SEM 3 | JAGMOHAN SINGH<br>RAJPUT           |
| 54 | 221202           | BA POL.SCI. SEM 3 | ABHISHEK LODHI                     |
| 55 | 221351           | BA POL.SCI. SEM 3 | ABHISHEK JATAV                     |



|    |        |                   |                     |
|----|--------|-------------------|---------------------|
| 56 | 221352 | BA POL.SCI. SEM 3 | ANADI KHATRI        |
| 57 | 221353 | BA POL.SCI. SEM 3 | ANANTA HAJELA       |
| 58 | 221354 | BA POL.SCI. SEM 3 | ANKIT KUMAR PATEL   |
| 59 | 221355 | BA POL.SCI. SEM 3 | ARPIT SHARMA        |
| 60 | 221356 | BA POL.SCI. SEM 3 | AYUSH GOHDIYA       |
| 61 | 221357 | BA POL.SCI. SEM 3 | CHARIKA BARASKAR    |
| 62 | 221359 | BA POL.SCI. SEM 3 | DEEPAK BATHAM       |
| 63 | 221361 | BA POL.SCI. SEM 3 | GAURAV SHENI        |
| 64 | 221362 | BA POL.SCI. SEM 3 | HARSH MORE          |
| 65 | 221363 | BA POL.SCI. SEM 3 | HARSHEEN KOUR       |
| 66 | 221365 | BA POL.SCI. SEM 3 | KULDEEP PATEL       |
| 67 | 221367 | BA POL.SCI. SEM 3 | LAKSHITA HADA       |
| 68 | 221368 | BA POL.SCI. SEM 3 | MANAS SHARMA        |
| 69 | 221369 | BA POL.SCI. SEM 3 | MEGHA GREWAL        |
| 70 | 221370 | BA POL.SCI. SEM 3 | NIBHA KUMARI PANIKA |
| 71 | 221374 | BA POL.SCI. SEM 3 | PINTOO SILU         |
| 72 | 221376 | BA POL.SCI. SEM 3 | PRANJAL VERMA       |
| 73 | 221378 | BA POL.SCI. SEM 3 | RAGHVENDRA SHARMA   |
| 74 | 221381 | BA POL.SCI. SEM 3 | ROHIT KAWDE         |
| 75 | 221382 | BA POL.SCI. SEM 3 | ROSHNI SUTHAR       |
| 76 | 221383 | BA POL.SCI. SEM 3 | ROUNAK              |



HEAD OF DEPARTMENT  
(POLITICAL SCIENCE)

**Collaboration with Atal Bihari Vajpayee Institute of Good Governance and Policy Analysis, 24/03/2022.**



**IEHE**  
Bhopal

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पत्र क्रमांक -----

प्रति,

सुप्रिया पाठक

रिसर्च एलोलिएट,

मुख्यमंत्री युवा प्रोफेशनल फाट डेवलपमेंट प्रोग्राम  
AIGUPA, BHOPAL

विषय - राजनीति विज्ञान विभाग में विषय विशेषज्ञ के रूप में नियुक्ति

महोदय,

उच्च शिक्षा उत्कृष्टता संस्थान के राजनीति विज्ञान विभाग द्वारा दिनांक 24/3/22 को *Acculturating Students with monitoring and evaluation of Public Policy at grassroots level* विषय पर एक व्याख्यान आयोजित किया जा रहा है जिसमें आप विषय विशेषज्ञ के रूप में आमंत्रित हैं।

(डॉ. प्रवेश कुमार अग्रवाल)

संचालक

24/3/22  
(डॉ. इंदु पांडेय)

Dr Indu Pandey  
Professor and Head  
Dept. of Pol. Sc. & Pub. Ad.  
Institute for Excellence in Higher Education  
Bhopal



सतत विकास में भागीदारी एवं अनुभवों को साझा करने हेतु  
स्वयंसेवी संस्थाओं का सम्मेलन

आयोजक: अटल बिहारी वाजपेयी सुशासन एवं नीति विश्लेषण संस्थान (एग्पा)

## स्वयंसेवी संस्थाओं का सम्मेलन

भोपाल : संस्थान में राजनीतिक विज्ञान के छात्रों द्वारा 9 अप्रैल 2022 को सतत विकास एवं भागीदारी को साझा करने हेतु स्वयंसेवी संस्थाओं के सम्मेलन में भाग लिया गया जिसका आयोजन अटल बिहारी वाजपाई सुशासन एवं नीति विश्लेषण संस्थान (एग्पा) द्वारा कुशाभाऊ ठाकरे हॉल में कराया गया। इसके पहले सत्र में विकास पत्रकारिता पर चर्चा की गई। विकास में सहभागिता विषय पर आयोजित सम्मेलन के दूसरे दिन का विषय "डेवलप कम्प्युनिकेशन एंड राईटिंग" रहा। एग्पा के प्रो. सचिन चतुर्वेदी ने कहा है कि विकास का संवाद कहें या विकास की पत्रकारिता, दोनों का आशय है कि विकास की पत्रकारिता करते समय पाठकों की सोच और उनके दृष्टिकोण को ध्यान में रखना होगा। कुलपति प्रो. के.जी. सुरेश ने अपने संबोधन में कहा कि विकास के लिए कम्प्युनिटी रेडियो स्टेशन की स्थापना पर पुनः ध्यान देना होगा। विकास संवाद पर विषय विशेषज्ञ के रूप में श्री सचिन जैन ने बताया खबर लिखते समय दर्शकों या पाठकों के नजरिये को ध्यान में रखना होगा। रोजगार और निर्माण के मैनेजिंग एडिटर श्री पुष्पेन्द्रपाल सिंह ने कहा कि डेवलपमेंट कम्प्युनिकेशन राईटिंग का महत्व इसलिए भी अधिक हो जाता है कि उससे लोगों में क्या बदलाव लाते हैं, उनकी सोच में, उनके व्यवहार में क्या बदलाव ला पाते हैं। सम्मेलन में राष्ट्रीय समाचार-पत्र बिजनेस स्टैंडर्ड्स के वरिष्ठ पत्रकार श्री शशिकांत त्रिवेदी ने अपने अनुभव साझा करते हुए कहा कि लेखन पूर्व से नियोजित नहीं होना चाहिए। कई बार होता है कि जो सोचकर जाते हैं वो होता नहीं है उससे भिन्न ही होता है।

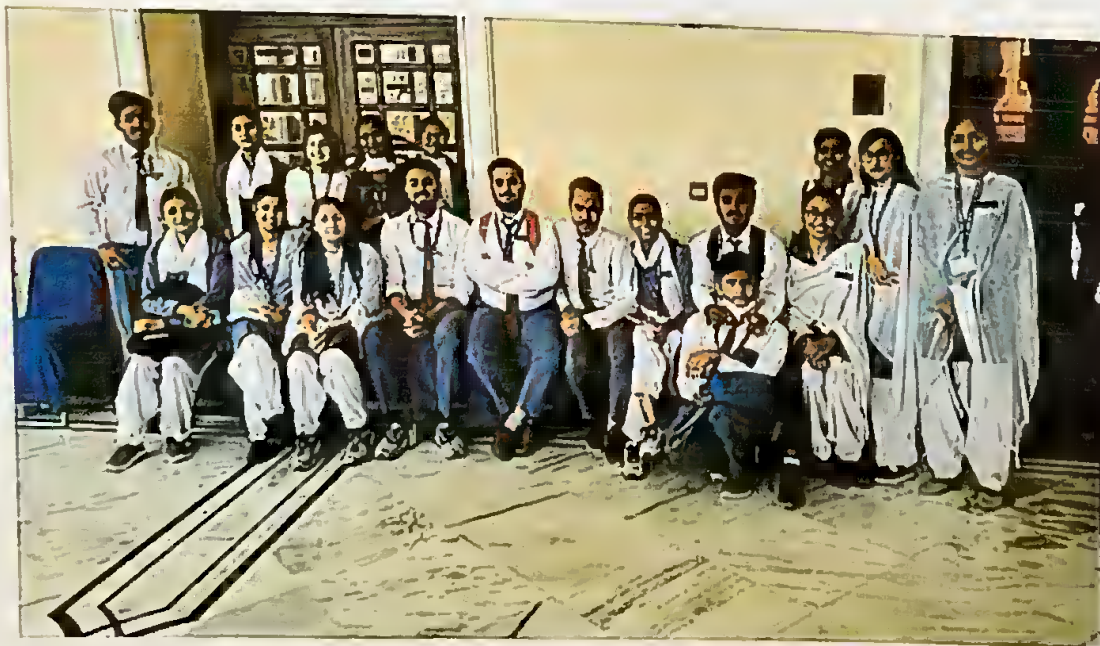
| S.No | NAME               | SIGNATURE           |
|------|--------------------|---------------------|
| 01)  | Purvi Bhatnagar.   | <u>Purvi</u>        |
| 02)  | Parul Dohare.      | <u>Parul</u>        |
| 03)  | Riya Jain          | <u>Riyajain</u>     |
| 04)  | Kirti Gaur.        | <u>Kirti</u>        |
| 05)  | Uma Kushwaha.      | <u>Uma</u>          |
| 06)  | Gurleen Kaur Reel. | <u>Reel</u>         |
| 07)  | Chabbi Tiwari.     | <u>Chabbi</u>       |
| 08)  | Raksha Pandey.     | <u>Raksha</u>       |
| 09)  | Shreya Sahu.       | <u>Shreya</u>       |
| 10)  | Jyoti Chouhan.     | <u>Jyoti</u>        |
| 11)  | Meenakshi Solanki. | <u>Meenakshi</u>    |
| 12)  | Aditi Agrawal.     | <u>Aditi</u>        |
| 13)  | Shonam Satankar.   | <u>Shonam</u>       |
| 14)  | Rupalee Rathore.   | <u>Rupalee</u>      |
| 15)  | Shivangi Pathak.   | <u>Shivangi</u>     |
| 16)  | Shapna Thakur.     | <u>Shapna</u>       |
| 17)  | Nishika Tandekar.  | <u>Nishika</u>      |
| 18)  | Ritika Singh.      | <u>Ritika Singh</u> |
| 19)  | Gayatri Gupta.     | <u>Gayatri</u>      |
| 20)  | Sakshi Bangi.      | <u>Sakshi</u>       |
| 21)  | Saloni Barpete.    | <u>Saloni</u>       |
| 22)  | Sejal Meena.       | <u>Sejal</u>        |
| 23)  | Vaishnavi Chouhan. | <u>Vaishnavi</u>    |
| 24)  | Mayuri Chaudhary.  | <u>Mayuri</u>       |
| 25)  | Shivani Korp.      | <u>Shivani</u>      |





इसके दूसरे सत्र में मुख्यमंत्री श्री शिवराज सिंह चौहान ने हिस्सा लिया। मुख्यमंत्री श्री चौहान ने कहा कि प्रदेश में विकास और जन-कल्याण के क्षेत्र में आगे आने वाली स्वयंसेवी संस्थाओं को किसी भी प्रकार की समस्या न हो, इस उद्देश्य से जिला स्तर पर जन अभियान परिषद द्वारा पंजीयन की सुविधा उपलब्ध कराई जाएगी।

जन-जन की पहल को विकास की प्रक्रिया में सम्मिलित करने पर भी बात की।



सुशासन संस्थान की मुख्य कार्यपालन अधिकारी श्रीमती जी. वी. रश्मि : सम्मेलन के उद्देश्यों की जानकारी दी। सम्मेलन के 6 सत्र में 64 विषय विशेषज्ञ शामिल हुये।



Registration No.- 30616/BPL/CE/2004

Ref. No.- LS/BPL/HO/CRT/CCS-157



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## Certificate

Department of Chemistry

This is to certify that Dr. Tyoti Raghuvanshi of I.E.H.E., Bhopal.

has successfully attended Workshop on "Cyber Security Challenges & Solution"

from 22/2/18 to 23/2/18 Conducted at

Institute for Excellence in Higher Education, IEHE, Bhopal.

Under

CEQIC Scheme of Department of Higher Education Madhya Pradesh, Bhopal (M.P.)

Place : BHOPAL

Date : .....

  
Nodal Officer  
CEQIC / Director IEHE

**EC-Council**

  
Director  
Linux Solution



| PARTICIPANT |         |                       |                     |
|-------------|---------|-----------------------|---------------------|
| S.N         | RO. NO. | CLASS                 | NAME OF STUDENT     |
| 1           | 420063  | B.Sc. CHEMISTRY SEM 2 | DEEPAK SEN          |
| 2           | 420064  | B.Sc. CHEMISTRY SEM 2 | DEEPTI MISHRA       |
| 3           | 420065  | B.Sc. CHEMISTRY SEM 2 | HIMAKSHI BARMASE    |
| 4           | 420066  | B.Sc. CHEMISTRY SEM 2 | IRAMNAAZ KHAN       |
| 5           | 420067  | B.Sc. CHEMISTRY SEM 2 | KANISHKA TIWARI     |
| 6           | 420068  | B.Sc. CHEMISTRY SEM 2 | KHUSHI RATHOR       |
| 7           | 420069  | B.Sc. CHEMISTRY SEM 2 | NISHANT UDAINIYA    |
| 8           | 420070  | B.Sc. CHEMISTRY SEM 2 | PALAK SHARMA        |
| 9           | 420071  | B.Sc. CHEMISTRY SEM 2 | PAVAN YADAV         |
| 10          | 420072  | B.Sc. CHEMISTRY SEM 2 | PRACHI UPADHYAY     |
| 11          | 420074  | B.Sc. CHEMISTRY SEM 2 | PRASOON KUMAR JHA   |
| 12          | 420075  | B.Sc. CHEMISTRY SEM 2 | SAKSHI RAO          |
| 13          | 420076  | B.Sc. CHEMISTRY SEM 2 | SAKSHI UKANDE       |
| 14          | 420078  | B.Sc. CHEMISTRY SEM 2 | VASUDHA NIGAM       |
| 15          | 420079  | B.Sc. CHEMISTRY SEM 2 | VIRENDRA SINGH JADO |
| 16          | 420275  | B.Sc. CHEMISTRY SEM 2 | RISHIKA SHRIVAS     |
| 17          | 420352  | B.Sc. CHEMISTRY SEM 2 | SHRUTI GURJAR       |
| 18          | 420051  | B.Sc. CHEMISTRY SEM 2 | RISHITA KUMARI      |
| 19          | 420077  | B.Sc. CHEMISTRY SEM 2 | SEJAL VIJAYVARGIYA  |
| 20          | 420081  | B.Sc. CHEMISTRY SEM 2 | ADITI JAIN          |
| 21          | 420083  | B.Sc. CHEMISTRY SEM 2 | AMAN KURMI          |
| 22          | 420084  | B.Sc. CHEMISTRY SEM 2 | ANJALI VISHWAKARMA  |
| 23          | 420085  | B.Sc. CHEMISTRY SEM 2 | ATUL KUMAR MISHRA   |
| 24          | 420086  | B.Sc. CHEMISTRY SEM 2 | AVNEE JAIN          |
| 25          | 420087  | B.Sc. CHEMISTRY SEM 2 | BHUSHAN SAHU        |
| 26          | 420088  | B.Sc. CHEMISTRY SEM 2 | DEEKSHA TRIVEDI     |
| 27          | 420089  | B.Sc. CHEMISTRY SEM 2 | DEEPAK THAKRE       |
| 28          | 420090  | B.Sc. CHEMISTRY SEM 2 | DIVYANSHI VERMA     |
| 29          | 420091  | B.Sc. CHEMISTRY SEM 2 | DOLLY WARKADE       |
| 30          | 420092  | B.Sc. CHEMISTRY SEM 2 | FALGUNI SON         |



|    |        |                       |                           |
|----|--------|-----------------------|---------------------------|
| 31 | 420094 | B.Sc. CHEMISTRY SEM 2 | JUHI SHARMA               |
| 32 | 420095 | B.Sc. CHEMISTRY SEM 2 | KHUSHI BHARGAVA           |
| 33 | 420097 | B.Sc. CHEMISTRY SEM 2 | MAHENDRA SINGH<br>SOLANKI |
| 34 | 420098 | B.Sc. CHEMISTRY SEM 2 | MEENAKSHI SOLANKI         |
| 35 | 420099 | B.Sc. CHEMISTRY SEM 2 | MOHIT THAKRE              |
| 36 | 420100 | B.Sc. CHEMISTRY SEM 2 | NAINA DHOLPURIYA          |
| 37 | 420101 | B.Sc. CHEMISTRY SEM 2 | NAMITA UGHADE             |
| 38 | 420102 | B.Sc. CHEMISTRY SEM 2 | NAVIN RAHANGDALE          |
| 39 | 420103 | B.Sc. CHEMISTRY SEM 2 | PAYODH DWIVEDI            |
| 40 | 420104 | B.Sc. CHEMISTRY SEM 2 | PRANJAL DWIVEDI           |
| 41 | 420105 | B.Sc. CHEMISTRY SEM 2 | PRIYANKA PATEL            |
| 42 | 420106 | B.Sc. CHEMISTRY SEM 2 | RAMNARAYAN YADAV          |
| 43 | 420108 | B.Sc. CHEMISTRY SEM 2 | RITU BHAGWAT              |
| 44 | 420109 | B.Sc. CHEMISTRY SEM 2 | ROSHAN CHANDELKAR         |
| 45 | 420110 | B.Sc. CHEMISTRY SEM 2 | SAPNA                     |
| 46 | 420111 | B.Sc. CHEMISTRY SEM 2 | SHIVAM SINGH              |
| 47 | 420113 | B.Sc. CHEMISTRY SEM 2 | SHRISTI YADAV             |
| 48 | 420114 | B.Sc. CHEMISTRY SEM 2 | SIDDHANT SINGH PATEL      |
| 49 | 420115 | B.Sc. CHEMISTRY SEM 2 | VIKAS SHIVHARE            |
| 50 | 420116 | B.Sc. CHEMISTRY SEM 2 | NANDANI CHOURASIYA        |
| 51 | 420268 | B.Sc. CHEMISTRY SEM 2 | NISHANT PATHAK            |
| 52 | 420351 | B.Sc. CHEMISTRY SEM 2 | PRIYA MISHRA              |
| 53 | 420522 | B.Sc. CHEMISTRY SEM 2 | MUSKAN TRIVEDI            |
| 54 | 420151 | B.Sc. CHEMISTRY SEM 2 | ADITYA SHAKYA             |
| 55 | 420152 | B.Sc. CHEMISTRY SEM 2 | AKRATI VERMA              |
| 56 | 420154 | B.Sc. CHEMISTRY SEM 2 | ANSHIKA NAIR              |
| 57 | 420156 | B.Sc. CHEMISTRY SEM 2 | ARIBAH ARSHAD             |
| 58 | 420157 | B.Sc. CHEMISTRY SEM 2 | BHARTI SINGH              |
| 59 | 420159 | B.Sc. CHEMISTRY SEM 2 | DIVY PRABHA SINGH         |
| 60 | 420160 | B.Sc. CHEMISTRY SEM 2 | DIVYA HIRODIYA            |
| 61 | 420161 | B.Sc. CHEMISTRY SEM 2 | DIVYANSHI DUBEY           |
| 62 | 420163 | B.Sc. CHEMISTRY SEM 2 | HARSHA BHALAVI            |
| 63 | 420164 | B.Sc. CHEMISTRY SEM 2 | HARSHAN MEHRA             |



|    |        |                       |                      |
|----|--------|-----------------------|----------------------|
| 64 | 420166 | B.Sc. CHEMISTRY SEM 2 | JUVERIA SAMI         |
| 65 | 420167 | B.Sc. CHEMISTRY SEM 2 | LATHIKA RAGHAVAN     |
| 66 | 420168 | B.Sc. CHEMISTRY SEM 2 | LEENA WANJARE        |
| 67 | 420169 | B.Sc. CHEMISTRY SEM 2 | MEGHNA DUBEY         |
| 68 | 420170 | B.Sc. CHEMISTRY SEM 2 | MUKUND BHALAVE       |
| 69 | 420171 | B.Sc. CHEMISTRY SEM 2 | NANDINI AGRAWAL      |
| 70 | 420172 | B.Sc. CHEMISTRY SEM 2 | NEELIMA SAIYAM       |
| 71 | 420173 | B.Sc. CHEMISTRY SEM 2 | NIYATI SAINI         |
| 72 | 420174 | B.Sc. CHEMISTRY SEM 2 | PAYAL KULHARI        |
| 73 | 420175 | B.Sc. CHEMISTRY SEM 2 | PRACHI KASHYAP       |
| 74 | 420176 | B.Sc. CHEMISTRY SEM 2 | PRAKHAR SAHU         |
| 75 | 420177 | B.Sc. CHEMISTRY SEM 2 | PRAKRITI SHRIVASTAVA |
| 76 | 420178 | B.Sc. CHEMISTRY SEM 2 | PRANSHU KEER         |
| 77 | 420179 | B.Sc. CHEMISTRY SEM 2 | REWA MALVIYA         |
| 78 | 420180 | B.Sc. CHEMISTRY SEM 2 | RITISHA SAHARE       |
| 79 | 420181 | B.Sc. CHEMISTRY SEM 2 | RIYA SAHU            |
| 80 | 420182 | B.Sc. CHEMISTRY SEM 2 | SALONI MEHRA         |
| 81 | 420183 | B.Sc. CHEMISTRY SEM 2 | SANSKRITI MISHRA     |
| 82 | 420184 | B.Sc. CHEMISTRY SEM 2 | SHAILJA DWIVEDI      |
| 83 | 420186 | B.Sc. CHEMISTRY SEM 2 | SHREYA WALKE         |
| 84 | 420187 | B.Sc. CHEMISTRY SEM 2 | SHRUTI MISHRA        |
| 85 | 420188 | B.Sc. CHEMISTRY SEM 2 | TANYA KAMLESH        |
| 86 | 420190 | B.Sc. CHEMISTRY SEM 2 | VARTIKA TIWARY       |
| 87 | 420191 | B.Sc. CHEMISTRY SEM 2 | VIDHI VERMA          |
| 88 | 420192 | B.Sc. CHEMISTRY SEM 2 | YUKTA                |
| 89 | 420193 | B.Sc. CHEMISTRY SEM 2 | SAKEENA ABBAS        |
| 90 | 420158 | B.Sc. CHEMISTRY SEM 2 | DEEKSHA THAKUR       |
| 91 | 420189 | B.Sc. CHEMISTRY SEM 2 | TULIKA BHATTACHARYA  |
| 92 | 420251 | B.Sc. CHEMISTRY SEM 2 | AASHISH TIWARI       |
| 93 | 420301 | B.Sc. CHEMISTRY SEM 2 | AARYA VADICHAR       |
| 94 | 420302 | B.Sc. CHEMISTRY SEM 2 | ABHIJEET PATEL       |
| 95 | 420303 | B.Sc. CHEMISTRY SEM 2 | ADITI RAIKWAR        |
| 96 | 420304 | B.Sc. CHEMISTRY SEM 2 | ADITYA RAJ SEN       |
| 97 | 420305 | B.Sc. CHEMISTRY SEM 2 | ANANYA NIGAM         |

|    |        |                       |                      |
|----|--------|-----------------------|----------------------|
| 64 | 420166 | B.Sc. CHEMISTRY SEM 2 | JUVERIA SAMI         |
| 65 | 420167 | B.Sc. CHEMISTRY SEM 2 | LATHIKA RAGHAVAN     |
| 66 | 420168 | B.Sc. CHEMISTRY SEM 2 | LEENA WANJARE        |
| 67 | 420169 | B.Sc. CHEMISTRY SEM 2 | MEGHNA DUBEY         |
| 68 | 420170 | B.Sc. CHEMISTRY SEM 2 | MUKUND BHALAVE       |
| 69 | 420171 | B.Sc. CHEMISTRY SEM 2 | NANDINI AGRAWAL      |
| 70 | 420172 | B.Sc. CHEMISTRY SEM 2 | NEELIMA SAIYAM       |
| 71 | 420173 | B.Sc. CHEMISTRY SEM 2 | NIYATI SAINI         |
| 72 | 420174 | B.Sc. CHEMISTRY SEM 2 | PAYAL KULHARI        |
| 73 | 420175 | B.Sc. CHEMISTRY SEM 2 | PRACHI KASHYAP       |
| 74 | 420176 | B.Sc. CHEMISTRY SEM 2 | PRAKHAR SAHU         |
| 75 | 420177 | B.Sc. CHEMISTRY SEM 2 | PRAKRITI SHRIVASTAVA |
| 76 | 420178 | B.Sc. CHEMISTRY SEM 2 | PRANSHU KEER         |
| 77 | 420179 | B.Sc. CHEMISTRY SEM 2 | REWA MALVIYA         |
| 78 | 420180 | B.Sc. CHEMISTRY SEM 2 | RITISHA SAHARE       |
| 79 | 420181 | B.Sc. CHEMISTRY SEM 2 | RIYA SAHU            |
| 80 | 420182 | B.Sc. CHEMISTRY SEM 2 | SALONI MEHRA         |
| 81 | 420183 | B.Sc. CHEMISTRY SEM 2 | SANSKRITI MISHRA     |
| 82 | 420184 | B.Sc. CHEMISTRY SEM 2 | SHAILJA DWIVEDI      |
| 83 | 420186 | B.Sc. CHEMISTRY SEM 2 | SHREYA WALKE         |
| 84 | 420187 | B.Sc. CHEMISTRY SEM 2 | SHRUTI MISHRA        |
| 85 | 420188 | B.Sc. CHEMISTRY SEM 2 | TANYA KAMLESH        |
| 86 | 420190 | B.Sc. CHEMISTRY SEM 2 | VARTIKA TIWARY       |
| 87 | 420191 | B.Sc. CHEMISTRY SEM 2 | VIDHI VERMA          |
| 88 | 420192 | B.Sc. CHEMISTRY SEM 2 | YUKTA                |
| 89 | 420193 | B.Sc. CHEMISTRY SEM 2 | SAKEENA ABBAS        |
| 90 | 420158 | B.Sc. CHEMISTRY SEM 2 | DEEKSHA THAKUR       |
| 91 | 420189 | B.Sc. CHEMISTRY SEM 2 | TULIKA BHATTACHARYA  |
| 92 | 420251 | B.Sc. CHEMISTRY SEM 2 | AASHISH TIWARI       |
| 93 | 420301 | B.Sc. CHEMISTRY SEM 2 | AARYA VADICHAR       |
| 94 | 420302 | B.Sc. CHEMISTRY SEM 2 | ABHIJEET PATEL       |
| 95 | 420303 | B.Sc. CHEMISTRY SEM 2 | ADITI RAIKWAR        |
| 96 | 420304 | B.Sc. CHEMISTRY SEM 2 | ADITYA RAJ SEN       |
| 97 | 420305 | B.Sc. CHEMISTRY SEM 2 | ANANYA NIGAM         |

|     |        |                       |                    |
|-----|--------|-----------------------|--------------------|
| 98  | 420308 | B.Sc. CHEMISTRY SEM 2 | ATUL KUMAR DWIVEDI |
| 99  | 420309 | B.Sc. CHEMISTRY SEM 2 | AYUSH PATEL        |
| 100 | 420310 | B.Sc. CHEMISTRY SEM 2 | BHOOMI SHRIVASTAVA |
| 101 | 420311 | B.Sc. CHEMISTRY SEM 2 | DIVYA RAJPOOT      |
| 102 | 420312 | B.Sc. CHEMISTRY SEM 2 | DIVYANSHI JYOTISHI |
| 103 | 420314 | B.Sc. CHEMISTRY SEM 2 | HARSH VERMA        |
| 104 | 420315 | B.Sc. CHEMISTRY SEM 2 | HARSHIKA KHATWANI  |
| 105 | 420316 | B.Sc. CHEMISTRY SEM 2 | HEMANT UPADHAYAY   |
| 106 | 420318 | B.Sc. CHEMISTRY SEM 2 | HRADYANSH AWASTHI  |

  
 HEAD OF DEPARTMENT  
 (CHEMISTRY)



## विमुक्त जाति दिवस (शैक्षणिक भ्रमण)

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियों  
मह्यप्रदेश जनजातीय संग्रहालय, भोपाल

आयोजक — जनजातीय लोक कला एवं बोली  
विकास अकादमी  
मह्यप्रदेश संस्कृति परिषद, भोपाल

सहयोग — उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

दिनांक — 30/08/2022 (प्रथम सत्र)

विषय — धुमन्तू भोपाओं का गायन  
फुली एवं साधी, जैसलमेर

वक्ता — वक्ता — अश्वनी शर्मा, नरनौल  
(जर्मनी की यूनिवर्सिटी - हेडिलबर्ग  
शोधार्थी)

विषय — भोपा और भाट आधुनिक भारत  
के मौखिक इतिहासकार

दिनांक — 31/08/2022 (द्वितीय सत्र)

भाटों का कठपुतली दरबार  
राकेश एवं साधी, नागौर

डॉ० धर्मन्द्र पारे  
निदेशक

जनजातीय लोक कला एवं बोली  
विकास अकादमी



विभागाध्यक्ष हिंदी विभाग

उच्च शिक्षा/उत्कृष्टता संस्थान, भोपाल के सहयोग  
से यह कार्यक्रम संपादित हुआ। इस कार्यक्रम में  
संस्थान के संचालक डॉ० प्रवेश कुमार अग्रवाल,  
विभागाध्यक्ष हिंदी विभाग - डॉ० संहगा प्रसाद  
एवं संस्थान के प्रध्यापको व 60 विद्यार्थियों  
ने भाग लिया।

इसके साथ ही संस्थान के प्रध्यापको एवं  
विद्यार्थियों के सह साथ महप्रदेश जनजातीय  
संग्रहालय को शैक्षणिक भ्रमण भी किया गया।

आस्था विभाग

प्रधान विभाग

कक्षा विभाग

संस्थान

*S. S. Prasad*  
5-9-22  
डॉ० संहगा प्रसाद  
विभागाध्यक्ष  
हिंदी विभाग

आस्था विभाग

प्रधान विभाग

आस्था विभाग

प्रधान विभाग

कक्षा विभाग

संस्थान



75  
स्वातंत्र्य  
संग्राम

# विमुक्त जाति दिवस

विमुक्तता की लड़ाई एवं संवैधानिक समझौता

30-31 अगस्त 2027

राजस्थान प्रजासत्ताक संग्रहालय, जोधपुर

75  
स्वातंत्र्य  
संग्राम



संविधान संशोधन की शक्ति का उपयोग करके समाज में  
समस्याओं को हल करने के लिए



# विमुक्त जाति दिवस

द्वितीयका परिषदाद एवं सांस्कृतिक प्रस्तुतियां

30-31 अगस्त 2022

महाराष्ट्र जनजातीय समसंस्थान, भोपाल





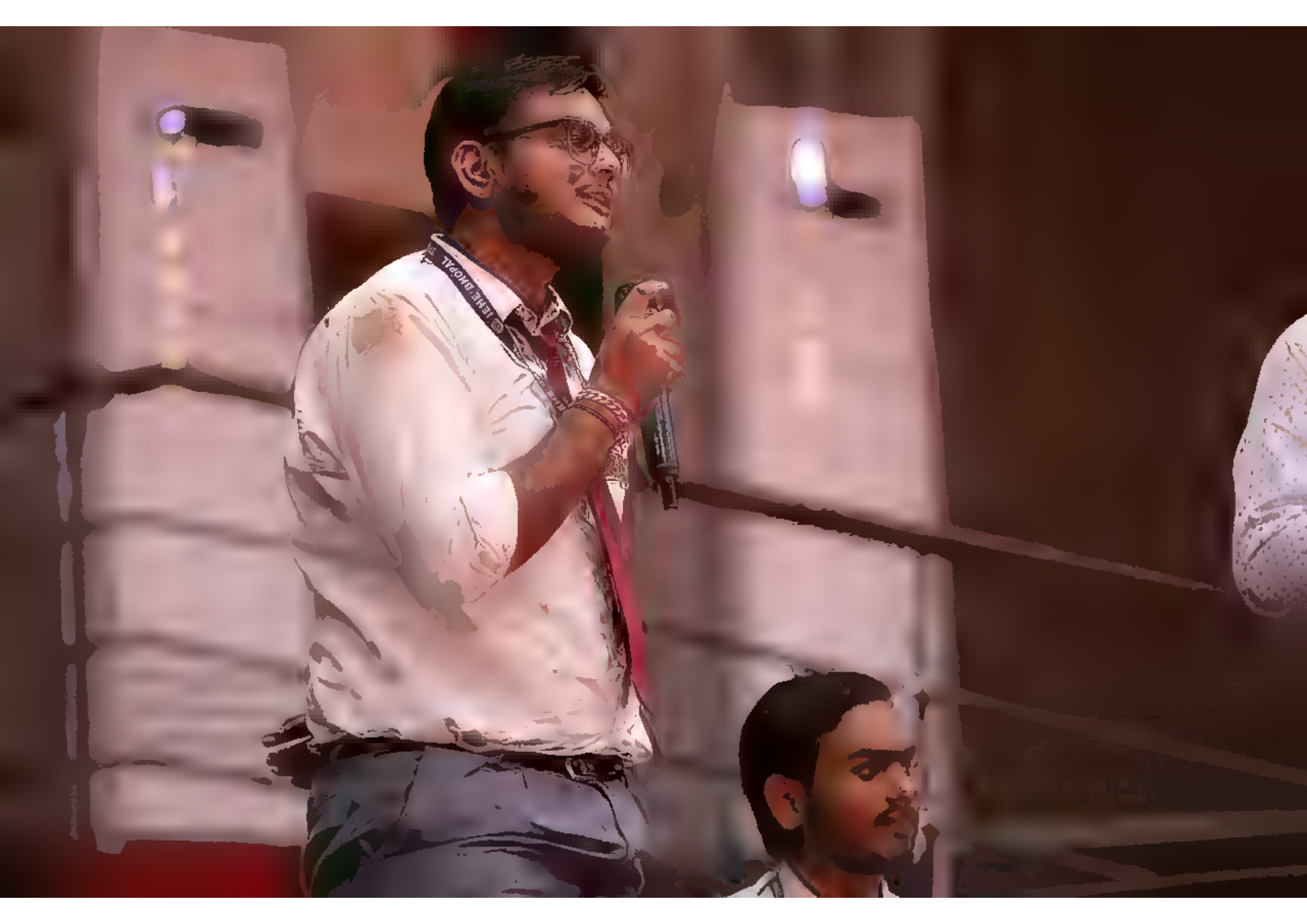








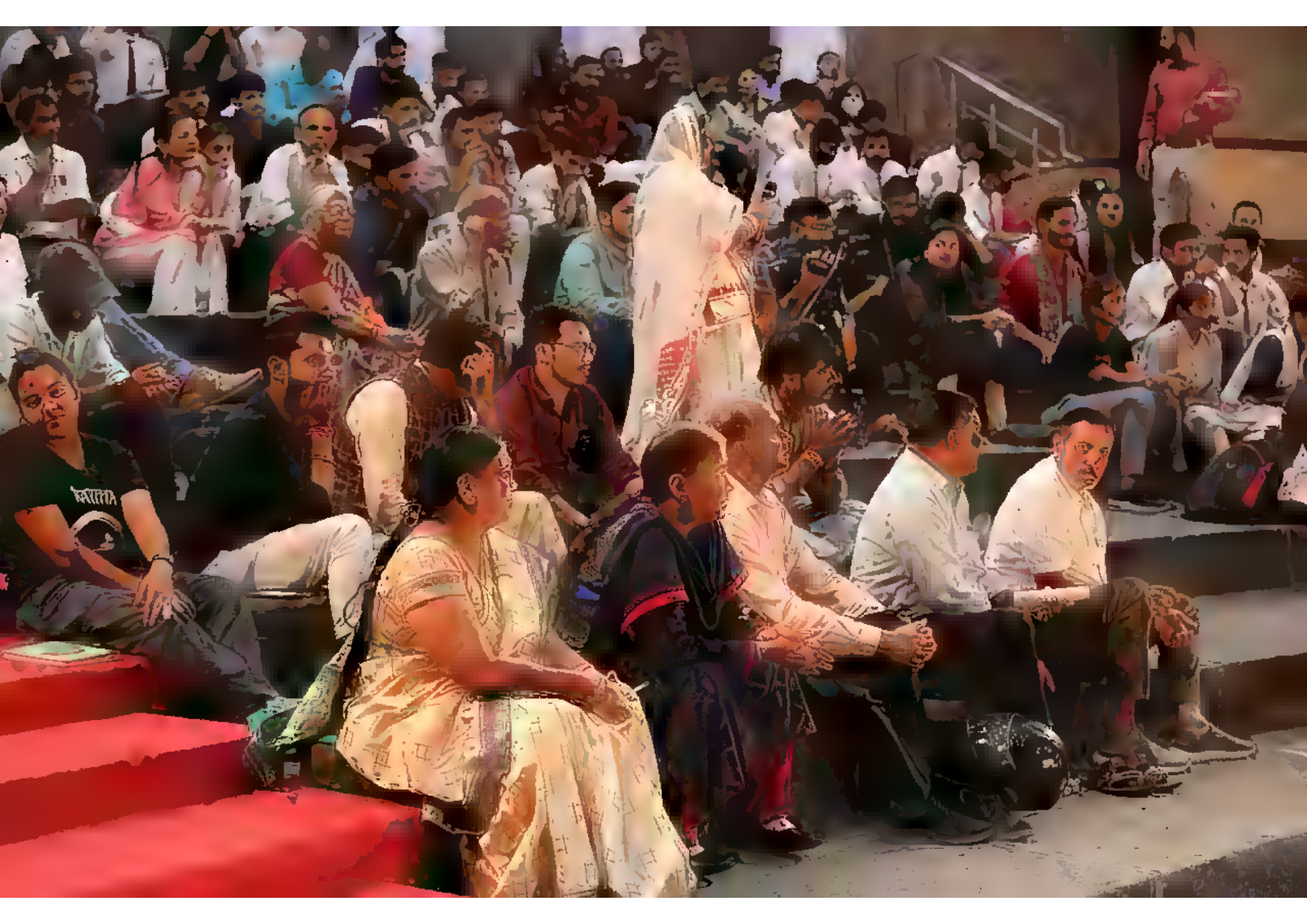










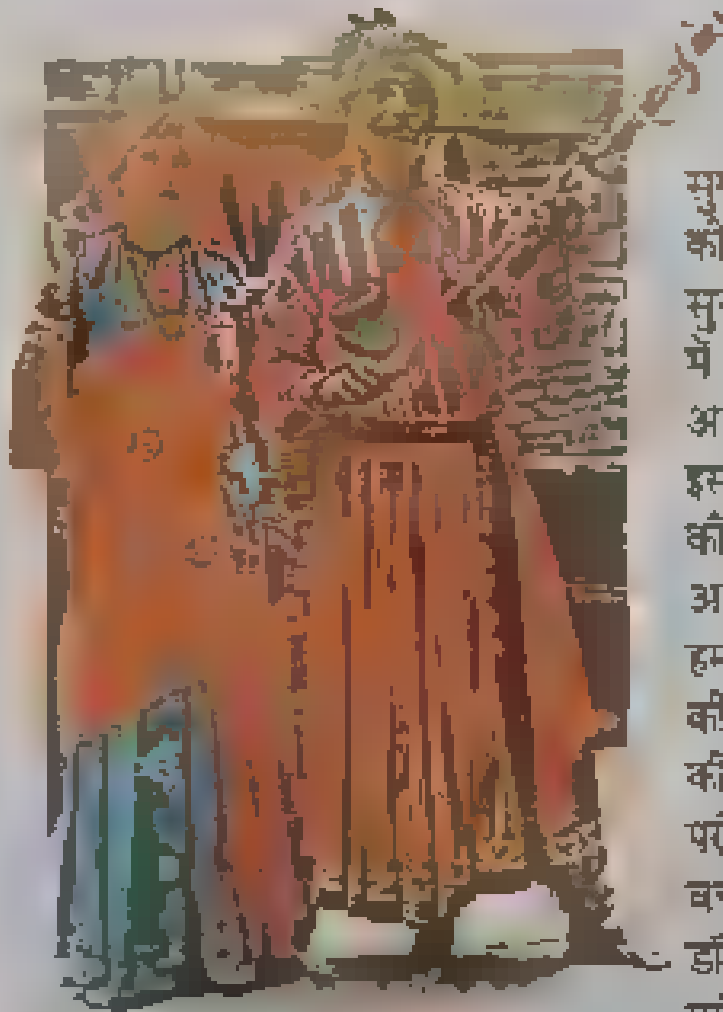


# घुमंतू भोपाओं ने गीतों में सुनाया इतिहास... 1400 ईस्वी में सिंध से लाए थे राजस्थान में पहला ऊंट

विमुक्त जाति दिवस... ट्राइबल म्यूजियम में शुरू हुआ कार्यक्रम

सिटी रिपोर्टर | भोपाल

भोपा समाज समय चक्र से मुक्त है। फड़ बांचने के दौरान भोपा प्राचीन भारत से लेकर आधुनिक भारत तक का गुणगान करते हैं। इससे हमारी विरासत भी चनती है। यह बात मंगलवार से ट्राइबल म्यूजियम में शुरू हुए विमुक्त जाति दिवस पर आयोजित कार्यक्रम में जर्मनी हाइलबर्ग यूनिवर्सिटी के स्कॉलर अश्वनी शर्मा ने कही। शर्मा भोपा और भाट आधुनिक भारत के मौखिक इतिहासकार विषय पर बोल रहे थे। उन्होंने बताया कि विमुक्त और घुमंतू समुदाय पर कार्य करते हुए उन्हें एक दशक से भी ज्यादा हो चुके हैं।



## घुमंतू भोपाओं का गायन

सुगना राम भोपा और साथियों ने घुमंतू भोपाओं की प्रस्तुति के दौरान महाराज पावू राठौर की कथा सुनाते हुए बताया कि पावू महाराज 1400 ईस्वी में सिंध प्रांत से राजस्थान में पहला ऊंट लेकर आए थे, भोपा उन्हें अपना लोकदेवता मानते हैं। इस दौरान वीरा, कुरजा, बिन जा री लोक गीतों की भी प्रस्तुति दी गई। कार्यक्रम में बोली विकास अकादमी के निदेशक डॉ. धर्मेन्द्र पारे ने कहा कि हम चित्र, शिल्प, नृत्य, कला और भाषा को बचाने की बात तो करते हैं, लेकिन उन कारणों को जानने की कोशिश नहीं करते जिससे ये उत्पन्न हुए हैं। परंपराओं और प्रथाओं से कट कर संस्कृति नहीं बच सकती। इस दौरान आईईएचई के डायरेक्टर डॉ. प्रज्ञेश कुमार अग्रवाल ने कहा कि हम अपनी परंपराओं में लौट रहे हैं यह एक सुखद पहलू है।





# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

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आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री कीर्ति रजक ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संवालयक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल





# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री .....ओम साहू.....ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

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डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
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डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
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# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री .....डॉ. संदीपा कालभोर.....ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

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डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

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अमृत महोत्सव

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री ..... विजय दुबे ..... ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

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डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मनंद पारे  
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# विमुक्त जाति दिवस

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आज़ादी का  
अमृत महोत्सव

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री ..... राजू शर्मा ..... ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

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डॉ. प्रज्ञेश कुमार अग्रवाल  
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# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री .....प्रदीप शास्त्र.....ने

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डॉ. प्रज्ञेश कुमार अग्रवाल  
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डॉ. संध्या प्रसाद  
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# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
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## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री .....संदीप लोधी.....ने

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डॉ. संध्या प्रसाद  
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# विमुक्त जाति दिवस

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30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मनंद पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री देव नारायण ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल





# विभुक्त जाति दिवस

लिखंडा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ



## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री

कलिका सिंघाड़ी

ने

30-31 अगस्त 2022 को विभुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रदीप कुमार अग्रवाल

संवातक

उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद

विभागाध्यक्ष, हिन्दी

उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मनंद पुरी

निदेशक

जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र. संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री ..... मनोज भार्गव ..... ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री सुवनेश बैरागी ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री .....*नवनीत नगर*.....ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल





# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री सिलक राज अहिरवार ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री वेदांश कुशवाह ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संवालयक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मनंद पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

75  
आज़ादी का  
अमृत महोत्सव

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री ..... नारोन्द पटेल ..... ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री ऋतिक हरिया ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मनंद पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल





# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री आलोक शुक्ला ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संवालयक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मनंद पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री ..... अभिषेक बाथम ..... ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संवालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ



## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री रिषिता साहू.....ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

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डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
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डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
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75  
आज़ादी का  
अमृत महोत्सव

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

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प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री ..... जसदीप दोसांझ ..... ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

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संचालक  
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विभागाध्यक्ष, हिन्दी  
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डॉ. धर्मेन्द्र पारे  
निदेशक  
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75  
आज़ादी का  
अमृत महोत्सव

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प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री सुजल दुबे ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

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डॉ. धर्मेन्द्र पारे  
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75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री ध्यानेंद्र यादव ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

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विभागाध्यक्ष, हिन्दी  
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डॉ. धर्मेंद्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
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# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ



## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री धरणी चौकसे ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

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संचालक  
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डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
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डॉ. धर्मेन्द्र पारे  
निदेशक  
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# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री शुभम कुशवाह ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

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डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
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# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री .....शुभम कुशवाह.....ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

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डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पारे  
निदेशक  
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# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री .....उमेश शर्मा.....ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

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डॉ. प्रज्ञेय कुमार अग्रवाल  
संचालक  
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डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
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डॉ. धर्मेन्द्र पारे  
निदेशक  
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आज़ादी का  
अमृत महोत्सव

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री तुषार देशमुख ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

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डॉ. धर्मेश्वर पारे  
निदेशक  
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# विमुक्त जाति दिवस

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आज़ादी का  
अमृत महोत्सव

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री ..... यश जैन ..... ने

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आज़ादी का  
अमृत महोत्सव

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30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री .....शिवानी राजपूत.....ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

75  
आज़ादी का  
अमृत महोत्सव

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री ..... प्रकाश नायक ..... ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

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आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रदीप कुमार अग्रवाल

संचालक

उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद

विभागाध्यक्ष, दिन्दी

उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मनंद पुरी

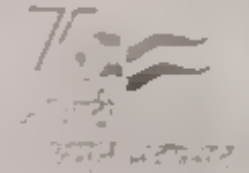
निदेशक

जनजातीय लोक कला एवं बोली विकास अकादमी  
राष्ट्र संस्कृति परिषद, भोपाल



# विभुक्त जाति दिवस

लिखबंदी परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ



## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री त्रेदीप विश्वकर्मा ने

30-31 अगस्त 2022 को विभुक्त जाति दिवस के अवसर पर आयोजित

'भोपा एवं भाट घुमन्तू जातियों की संस्कृति' पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. पूजा कुमार अरोरा  
संयोजक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. सुष्मा प्रसाद  
विभागाध्यक्ष, शिन्धु  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. परमेश्वर कुमार  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
रा.प.सं.सं. 141, भोपाल





# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री ..... नंदिनी साहू ..... ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संयोजक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मोन्मद पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास प्रकल्प  
राष्ट्र संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री नीरज नारायण ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री अनुज यादव ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

'भोपा एवं भोट घुमन्तू जातियों की संस्कृति' पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रदीप कुमार अरावली  
संयोजक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या मिश्रा  
निर्देशक, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. राजेंद्र सिंह  
निर्देशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
गणेशदेव की प्रतिमा, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

सोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री दर्शन नारायण ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संयोजक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

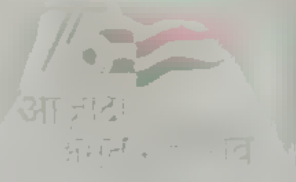
डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मनंद पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल





# विमुक्त जाति दिवस



लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री .....सपना चौरसिया.....ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

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आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.सांस्कृतिक परिषद, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री ..... रोहिणी राय ..... ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

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आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संयोजक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मनंद पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास प्रकल्प में  
म.प्र. संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री रोहित अहिस्वार ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रमोद कुमार अग्रवाल

निदेशक

जनजातीय लोक कला एवं बोली विकास अकादमी, भोपाल

डॉ. संध्या प्रसाद

विभागाध्यक्ष, हिन्दी

उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मनंद पारे

निदेशक

जनजातीय लोक कला एवं बोली विकास अकादमी

भ.उ.संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री ..... शीतल आठवरे ..... ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रदीप कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
ग.प्र.संस्कृति परिषद, भोपाल





# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री नीरज नामदेव ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रदीप कुमार अरोरा  
संस्थापक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

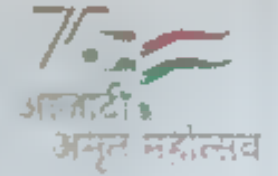
डॉ. रमेश कुमार  
निर्देशक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. रमेश कुमार  
निर्देशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र. संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

लिखित परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ



## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री सौरभ यादव ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उत्तम शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. अनंश कुमार अवधाली  
संयोजक  
उत्तम शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. राधिका प्रसाद  
विभागाध्यक्ष, हिन्दी  
उत्तम शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मनंद पारे  
निदेशक



# विमुक्त जाति दिवस

75  
आज़ादी का  
अमृत महोत्सव

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री सुशबु सिंह ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. पूजा कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पुरी  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री ..... श्री अरुण सगवालियाँ ..... ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संवातक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
स.प्र.संस्कृति परिषद, भोपाल

11/08/2022-01:00





# विमुक्त जाति दिवस

लिखित परिचायक एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री डॉ. संध्या प्रसाद ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिचायक में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रदीप कुमार अग्रवाल

संयोजक

उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद

प्रोफेसर, हिन्दी

उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. चंदन कुमार

संयोजक

जनजातीय लोक कला एवं बोली विकास अकादमी

ब.प्र.उ.सी. बस स्टैंड, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियों

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री चौदरी आइशा ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा, उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. पूजा कुमार अग्रवाल

संयोजक

उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. रंजना प्रसाद

केमराध्यक्षा, हिन्दी

उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मन्द्र पारे

निदेशक

जनजातीय लोक कला एवं बोली विकास अकादमी  
सं. प्र. संस्कृति परिषद, भोपाल



# विमुक्त जाति दिवस

लिखंदरा परिसंवाद एवं सांस्कृतिक प्रस्तुतियाँ

75  
आज़ादी का  
अमृत महोत्सव

## प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ. / प्रो./श्री / सुश्री प्रवीण कुमार ने

30-31 अगस्त 2022 को विमुक्त जाति दिवस के अवसर पर आयोजित

‘भोपा एवं भाट घुमन्तू जातियों की संस्कृति’ पर केन्द्रित परिसंवाद में सक्रिय प्रतिभागिता की।

जनजातीय लोक कला एवं बोली विकास अकादमी एवं उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. प्रज्ञेश कुमार अग्रवाल  
संचालक  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. संध्या प्रसाद  
विभागाध्यक्ष, हिन्दी  
उच्च शिक्षा उत्कृष्टता संस्थान, भोपाल

डॉ. धर्मेन्द्र पारे  
निदेशक  
जनजातीय लोक कला एवं बोली विकास अकादमी  
म.प्र.संस्कृति परिषद, भोपाल