

# SXC INTERNAL QUALITY ASSURANCE CELL BOTANY DEPARTMENT

2021-23

PREPARED BY SARATSUVRA PYNE

# ABOUT SXC INTERNAL QUALITY ASSURANCE CELL

SXC INTERNAL QUALITY ASSURANCE CELL (Department Of Botany) is the Committee of St. Xavier's College, Ranchi which works as the think - tank of the college. It chalks out the yearly plans and programmes as guidelines to channelize the campus activity.

From Botany Department, Dr. Ajay Kumar Srivastava, Head of Botany and Dr. Madhulika Singh, Senior Professor are the Executive Members of SXC CONFERENCES.

The IQAC aims at benchmarking quality and taking measures to enhance and sustain quality, involving all stake holders.

Organization of inter and intra institutional workshops, seminars and quality related themes and promotion of quality circles.

# NATIONAL WEBINAR ON 28<sup>TH</sup> AUG, 2021

The Department of Botany had organised a National Webinar on the Topics:

1. Post Covid Resilience and Economic Recovery.
2. Role of Computers in Modern Agriculture.
3. Fundamentals and Prospects of Ethnobotany.

Chairperson of the Event: Dr. Uma Shanker Singh IFS from Lucknow, Uttar Pradesh.

Voter of Thanks: Dr. B.K. Sinha, Principal, P.K. Roy Memorial College, Dhanbad, Jharkhand.

# DETAILS OF THE WEBINAR

## Speakers:

1. Speaker 1 Dr. K. Radhakrishnan, Principal Scientist JNTBGRI Palode, Thiruvananthapuram, Kerela.
2. Speaker 2 Dr. Rajan Sudesh Ratna, Deputy Head UNESCAP, South and South West Asia, New Delhi.
3. Speaker 3 Dr. Supriya Gupta, Professor, Computer Science Department, St. Xavier's College, Ranchi.

Host of the Event: Mr. Harsh Vardhan, Student, St. Xavier's College, Ranchi.



**IQAC ST. XAVIER'S COLLEGE,  
(DEPARTMENT OF BOTANY), RANCHI IN ASSOCIATION  
WITH PK ROY MEMORIAL COLLEGE, DHANBAD**



**PRESENTS EXPERTS TALK**

**NATIONAL WEBINAR**



**DATE : 28.08.2021, TIME : 6 PM ONWARDS**

**CHAIRPERSON : DR. UMA S. SINGH,  
EX PCCF OFFICER, UTTAR PRADESH**



**CO- PATRON: FR DR. NABOR LAKRA S.J.  
(Principal, St.Xavier's College, Ranchi)**



**SPEAKER 1 And OPENER : DR. K RADHAKRISHNAN  
Principal scientist (Retd.)  
JNTBGRI Palode Thiruvananthapuram  
Kerala state**



**SPEAKER 3 : DR. SUPRIYA GUPTA  
Assistant Professor, Computer science  
Department, St Xavier's College Ranchi**

**SPEAKER 2 : DR. RANJAN SUDESH RATNA  
DEPUTY HEAD, South and south west Asia office  
United Nations ESCAP, New Delhi**

**TOPICS**

- 1.POST COVID RESILIENCE AND ECONOMIC RECOVERY
- 2.ROLE OF COMPUTERS IN MODERN AGRICULTURE
- 3.FUNDAMENTALS AND PROSPECTS OF ETHNOBOTANY.



**CONVENOR:  
DR. AJAY KR. SRIVASTAVA,  
HOD, Botany,  
St.Xavier's College,  
Ranchi.**



**CHIEF ORGANISER:  
MS. SWARNIMA JHA,  
(Faculty)**



**HOST:-  
HARSH VARDHAN  
(Student)**



**CO- HOST:  
SARATSUVRA PYNE  
(Student)**



**PATRON and  
VOTER OF  
THANKS: DR. B.K SINHA,  
Principal, PK Roy  
Memorial  
College, Dhanbad**



**JOINT ORGANISING SECRETARY:  
MRS.KIROOM RASHMI TOPNO  
(Faculty)**

**Registration link-  
[https://docs.google.com/forms/d/e/1FAIpQLScNp\\_g69kabosqcr-](https://docs.google.com/forms/d/e/1FAIpQLScNp_g69kabosqcr-)  
PKQrqqd6VDzTzlvAlhp5rrO3rWZLb9TBw/viewform?usp=sf\_link**

**Link to join : <https://meet.google.com/udr-vedz-smm>**

**Participation is open for all.**

# BROCHURE OF THE WEBINAR

# INTERNATIONAL WEBINAR ON 28<sup>TH</sup> JULY, 2021

The Department of Botany of St. Xavier's College, Ranchi in association with CNB College, Bokakhat, Assam had organised an International Webinar on Recent Trends in Biological Sciences.

Chairperson of the Event: Dr. Ajay K. Srivastava, Head, Botany Department, St. Xavier's College, Ranchi.

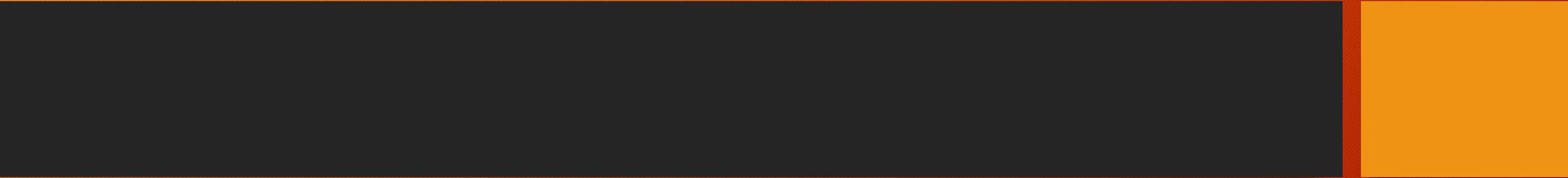
Coordinator of the Event: Debajit Saikia, CNB College, Bokakhat, Assam.

Platform Used: Google Meet

# DETAILS OF THE WEBINAR

## Speakers:

1. Speaker 1 Dr. Sanyukta Kumar, Head, Biotechnology Department, St. Xavier's College, Ranchi.
2. Speaker 2 Dr. Alok S. Gautam, Professor, Physics Department, HNB Garhwal University, Uttarakhand.
3. Speaker 3 Dr. Chandana Chakraborty, Research Scholar, Department of Life Sciences, UAE University, UAE.



# BROCHURE OF THE WEBINAR

# International Lecture On

RECENT TRENDS IN BIOLOGICAL SCIENCE

Organized By

CNB COLLEGE, BOKAKHAT, ASSAM



ESTD. 1995

সমাজ সাংস্কৃতিক

In Collaboration With



St. Xavier's College, Ranchi  
Jharkhand

Lecture Topic: 1. Bioinformatics: Relevance of Informatics in Life Sciences

Lecture Topic 2. Assessment and valuation of atmospheric pollutants during COVID-19 lockdown: a comprehensive study of different states of India

Lecture Topic 3. Greenhouses and indoor farms of future should have conveyor systems



Chairperson  
Dr. Ajoy Kumar Srivastava  
HoD,  
Department of Botany  
St. Xavier's College, Ranchi



Dr. Sanyukta Kumar  
Assistant Professor  
Deptt. Of Biotechnology  
St. Xavier's College, Ranchi  
Jharkhand



Dr. Alok Sagar Gautam  
Assistant Professor,  
Department of Physics  
HNB Garhwal University  
Uttarkhand



Dr. Chandana Chakraborty  
Research Assistant  
Deptt. of Life Science  
UAE University  
United Arab Emirates



Coordinator  
Debajit Saikia  
Department of Botany  
CNB College, Bokakhat



Principal  
Dr. Surajit Dutta  
CNB College, Bokakhat  
Golaghat, Assam



IQAC Coordinator  
Bidyut Bikash Saikia  
Department of Physics  
CNB College, Bokakhat

For Registration

<https://forms.gle/6sFnap9dx3HQRh6s7>

28<sup>th</sup> July, 2021  
From 5 PM to 8 PM (IST)

# INTERNATIONAL WEBINAR ON 16<sup>TH</sup> SEP, 2021

The Department of Chemistry had organised an International Webinar on World Ozone Day.

Chairpersons of the Event:

1. Dr. Ushir R. Sen, Professor, Chemistry Department, St. Xavier's College, Ranchi.
2. Dr. Uma Shanker Singh IFS from Lucknow, Uttar Pradesh.

Chief Organiser: Dr. Shreya Gorai, Professor, St. Xavier's College, Ranchi.

Voterr of Thanks: Ms. Aarti Singh, Resource Scholar Tufts University, USA.

# Details of the Webinar:

## Speakers:

1. Speaker 1 Mr. Arvind Kumar, Faculty Delhi Public School, School, Dhanbad, Jharkhand.
2. Speaker 2 Dr. Supriya S. Gupta, Professor HPT Arts and RYK Science College, Maharashtra.
3. Speaker 3 Dr. Rakesh Ranjan, Professor Amity University, Noida.
4. Speaker 4 Dr. Stalin D., Conservationist Mumbai.

Host of the Event: Mr. Shushant S. Rakshit, Student, St. Xavier's College, Ranchi.



**IQAC ST.XAVIER'S COLLEGE**

**(DEPARTMENT OF CHEMISTRY), RANCHI**

**PRESENTS**

**INTERNATIONAL ONLINE SEMINAR on**

*WORLD OZONE DAY*



**PATRON:**  
Fr. Dr. NABOR LAKRA  
(Principal, St. Xavier's  
College, Ranchi)



**CHAIRPERSON 1:**  
Dr. USHIR SEN  
(HOD, Chemistry Dept.,  
St. Xavier's College,  
Ranchi)



**Co- CHAIRPERSON:**  
Dr. UMA S. SINGH  
(Ex- PCCF Officer, UP)



**HOST:**  
SHUSHANT S. RAKSHIT  
(Student, St. Xavier's  
College, Ranchi)



**SPEAKER 1:**  
Mr. ARVIND KUMAR  
(Faculty, Delhi Public  
School)



**SPEAKER 2:**  
Dr. SUPRIYA S. GUPTA  
(HPT Arts and RYK Science  
College, Maharashtra)



**SPEAKER 3:**  
Dr. RAKESH RANJAN  
(Faculty, Chemistry Dept.,  
Amity University, Noida)



**SPEAKER 4:**  
Dr. STALIN D.  
(Conservationist,  
Mumbai)



**OPENER:**  
Ms. SAKSHI PRIYA  
(Student, St. Xavier's  
College, Ranchi)



**CHIEF CONVENOR:**  
Dr. A.K. SRIVASTAVA  
(HOD, Botany Dept.,  
St. Xavier's College,  
Ranchi)



**VOTER OF THANKS:**  
Ms. AARTI SINGH  
(Research Fellow, Tufts  
University, USA)



**CHIEF ORGANISER:**  
Dr. SHREYA GORAI  
(Faculty, St. Xavier's  
College, Ranchi)



**CONFERENCE  
COORDINATOR:**  
SARATSUVRA PYNE  
(Student, St. Xavier's  
College, Ranchi)

**DATE: 16TH SEP**

**TIME: 6:00 P.M. ONWARDS**

# BROCHURE OF THE WEBINAR

# INTERNATIONAL WEBINAR ON 23<sup>ND</sup> OCT, 2021

The Department of Botany had organised an International Webinar on the Topic: “Psycho - Social Consequences of International Migration with Reference to Palestine and Afghanistan.”

Chief Guest of the Webinar: Dr. Uma Shanker Singh IFS from Lucknow, Uttar Pradesh.

Chairpersons of the Event:

1. Dr. Sarabjit Kaur, Professor Punjab University, Punjab.
2. Dr. Sahil Saif, Vice President, Santander Bank, USA.

Chief Organiser: Dr. Lianboi Vaiphei, Professor, Delhi University, New Delhi.

# DETAILS OF THE WEBINAR

## Speakers:

1. Speaker 1 Ms.Saumya M. Sinha, Professor, St. Xavier's College, Ranchi.
2. Speaker 2 Dr. K.M.K. Mondal, Professor, Jadavpur University, Kolkata, West Bengal.
3. Speaker 3 Mr. Abhishek Sinha, Vice President, Bank of America, USA.

Voter of Thanks: Dr. Rushda Siddiqui, Executive Member, National Federation Of India Women, New Delhi.



DEPARTMENT OF BOTANY,  
ST. XAVIER'S COLLEGE, RANCHI



PRESENTS

INTERNATIONAL ONLINE SEMINAR



**PATRON:**  
Dr. Fr. NABOR LAKRA  
(Principal, St. Xavier's  
College, Ranchi)



**CHIEF GUEST:**  
Dr. UMA S. SINGH  
(Ex - PCCF Officer, Uttar  
Pradesh)



**CHAIRPERSON:**  
Dr. SARABJIT KAUR  
(Professor, Punjab  
University, Chandigarh)



**Co - CHAIRPERSON:**  
Mr. SAHIL SAIF  
United States of  
America



**SPEAKER 1:**  
Ms. SAUMYA M. SINHA  
(Faculty, St. Xavier's  
College, Ranchi)



**SPEAKER 2:**  
Dr. K.M.K. MONDAL  
(Faculty, Jadavpur  
University, Kolkata)



**SPEAKER 3:**  
Mr. ABHISHEK SINHA  
Vice President, Bank Of  
America, USA



**OPENER:**  
Ms. SNEHA S. KACHCHAP  
Dept. Of Sociology, St.  
Xavier's College, Ranchi



**CHIEF ORGANISER:**  
Dr. LIANBOI VAIPHEI  
(Faculty, Indraprastha  
College,  
DU, New Delhi)



**CHIEF CONVENOR:**  
Dr. AJAY KR. SRIVASTAVA  
(Head, Botany Dept., St.  
Xavier's College, Ranchi)



**VOTER OF THANKS:**  
Dr. RUSHDA SIDDIQUI  
Executive Member,  
National Federation of  
India Women

**TOPIC:- PSYCHO - SOCIAL CONSEQUENCES OF  
INTERNATIONAL MIGRATION WITH REFERENCE TO  
PALESTINE AND AFGHANISTAN**

DATE: 23RD OCT, 2021

TIME: 6:00 P.M. ONWARDS

# BROCHURE OF THE WEBINAR

**BOTANISTA  
COMMITTEE**

**BOTANISTA  
COMMITTEE**



*HELPING STEMS  
TAKE ROOTS  
ESTD. 2021*

# OFFICE BEARERS

## FACULTIES

Chairman	Dr. A. K. Srivastava
Secretary	Fr. Dr. P. K. Soreng
Treasurer	Ms. Swarnima Jha

## STUDENTS

President	Saratsuvra Pyne
Vice President	Ashma Nidhi
Secretary	Harsh
Joint Secretary	Khushi Verma
Treasurer	Kajal Kumari

# ABOUT THE BOTANISTA COMMITTEE

On 1<sup>st</sup> Sep, 2021, the Department of Botany initiated a new Committee under it named Botanista Committee. The Committee was specially designed for conducting Co Curricular Activities such as Arts, Essays, Quizzes, etc. Competitions.

The tenure of the Committee was from 01/09/2021-01/09/2022.

Chairman of the Committee: Dr. A.K. Srivastava, Head, Botany Department, St. Xavier's College, Ranchi.

The Committee had conducted three activities in the year 2021.

# INTER - DEPARTMENTAL E-QUIZ CONTEST

The Committee had conducted an Inter - Departmental E-Quiz Contest at St. Xavier's College, Ranchi on the Topics:

1. Phycology
2. Microbiology
3. Phycology

Participants from Biotechnology and Botany Department participated in this event actively.

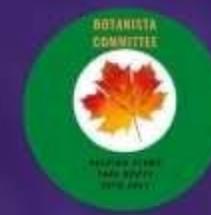
Host of the Event: Mr. Saratsuvra Pyne, Student, St. Xavier's College, Ranchi.



# WINNERS OF THE COMPETITION



***BOTANISTA COMMITTEE,  
ST. XAVIER'S COLLEGE, RANCHI***



***RANK 1 - NARGIS JAMEEL***

***INTER - DEPARTMENTAL QUIZ - 1ST SEP, 2021***



botanista\_committee



SXC CONFERENCES



sxcconferences@gmail.com



***BOTANISTA COMMITTEE,  
ST. XAVIER'S COLLEGE, RANCHI***



***RANK 2 - AMIKAR ASHOK***

***INTER - DEPARTMENTAL QUIZ - 1ST SEP, 2021***



botanista\_committee



SXC CONFERENCES



sxcconferences@gmail.com



***BOTANISTA COMMITTEE,  
ST. XAVIER'S COLLEGE, RANCHI***



***RANK 3 - ADITI ANUBHUTI***

***INTER - DEPARTMENTAL QUIZ - 1ST SEP, 2021***



botanista\_committee



SXC CONFERENCES



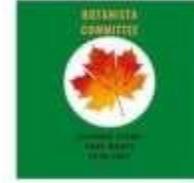
sxcconferences@gmail.com



# WINNER'S CERTIFICATE OF MERIT



# CERTIFICATE OF MERIT



PROUDLY PRESENTED TO

*Margis Jameel*

For achieving Rank 1 in Inter - Departmental Quiz Contest on the topics Phycology,  
Microbiology and Mycology conducted by Botanista Committee under Botany  
Department of St. Xavier's College, Ranchi on 1st Sep, 2021

Dr. Fr. Nabor Lakra  
Principal, St. Xavier's  
College, Ranchi



Dr. A.K. Srivastava  
Chairman, Botanista  
Committee

# POSTER COMPETITION ON 16<sup>TH</sup> OCT, 2021

The Committee had organised a National Poster Competition (Online) on the occasion of World Food Day.

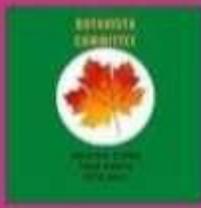
Participants from all over India participated in the Competition.

Judge of the Event: Rotaractor Kajal Kumari, St. Xavier's College, Ranchi.

This was an Online Competition and participants had to send their entries either handmade or digitally.



# WINNERS' POSTERS



**BOTANISTA COMMITTEE,**  
**ST. XAVIER'S COLLEGE, RANCHI**



*Celebrates*  
**WORLD FOOD DAY**  
**16TH OCT**



***Helping Stems, Take Roots***



botanista\_committee



SXC CONFERENCES



sxcconferences@gmail.com

16 October

# "WORLD FOOD DAY"

**"You cannot understand the value of food  
until you have stayed hungry"**



*we are lucky to have food, but not everyone is ..  
Eat responsibly*



*we must always respect the foods we get  
because it is the blessing of God and  
love from someone who cares for us*



*eat healthy eating safe*



*Eating healthy, clean, and nutrient-rich food  
fills your body with energy, nutrients, & antioxidants.  
Imagine your cells smiling back at you saying thanks!*



*Name - Andhalkar savita umakant . Sem 5th .  
Institute - Paratpsing mohite-patil mahavidyalay, Karmala  
Department - Microbiology  
Mobile - 8421524870  
Pincode - 413203*

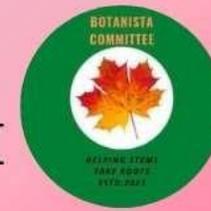




# WINNERS OF THE COMPETITION



**BOTANISTA COMMITTEE,  
ST. XAVIER'S COLLEGE, RANCHI**



**RANK 1 - SONALI R. TAYADE**

**POSTER COMPETITION - 16TH OCT, 2021**



botanista\_committee



SXC CONFERENCES



sxcconferences@gmail.com



**BOTANISTA COMMITTEE,  
ST. XAVIER'S COLLEGE, RANCHI**



**RANK 2 - ANDHALKAR S. UMAKANTH**

**POSTER COMPETITION - 16TH OCT, 2021**



botanista\_committee



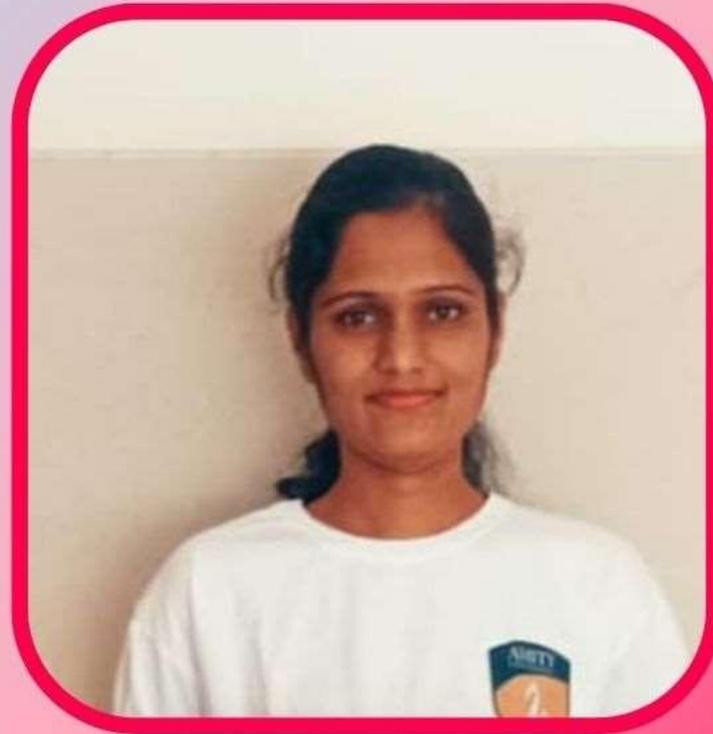
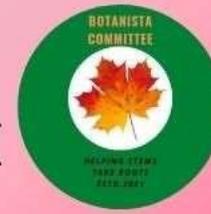
SXC CONFERENCES



sxcconferences@gmail.com



**BOTANISTA COMMITTEE,  
ST. XAVIER'S COLLEGE, RANCHI**



**RANK 3 - BANKAR S. DHANANJAI**  
**POSTER COMPETITION - 16TH OCT, 2021**



botanista\_committee



SXC CONFERENCES



sxcconferences@gmail.com

# NATIONAL E-QUIZ COMPETITION ON 7<sup>TH</sup> NOV, 2021

The Committee had conducted a National E-Quiz Competition on Different Topics of Microbiology:

1. History of Microbiology
2. Bacteria and Gram Staining
3. Bacterial Nutrition

This was an E Quiz in which participants had to complete it within 1 hour.

Platform Used: Google Forms



# WINNERS OF THE COMPETITION



# BOTANISTA COMMITTEE, ST. XAVIER'S COLLEGE, RANCHI



**RANK 1 - ANJALI PALI**  
**NATIONAL QUIZ - 7TH NOV, 2021**



botanista\_committee



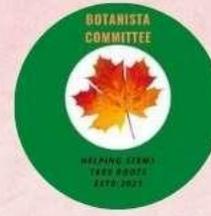
SXC CONFERENCES



sxcconferences@gmail.com



# BOTANISTA COMMITTEE, ST. XAVIER'S COLLEGE, RANCHI



**RANK 2 - OENDRILA DAWN**  
**NATIONAL QUIZ - 7TH NOV, 2021**



botanista\_committee



SXC CONFERENCES



sxcconferences@gmail.com



# BOTANISTA COMMITTEE, ST. XAVIER'S COLLEGE, RANCHI



**RANK 3 - SAYALI S. PATIL**  
**NATIONAL QUIZ - 7TH NOV, 2021**



botanista\_committee



SXC CONFERENCES



sxcconferences@gmail.com



# CERTIFICATE AND MEDAL OF THIRD RANK HOLDER



## **CERTIFICATE OF MERIT**

Congratulations to

***Sayali Patil***

for achieving Rank 3 in National Microbiology Quiz Contest  
organised by Botanista Committee on  
7th November, 2021.

---

**DR. AJAY KR. SRIVASTAVA**

Chairman, Botanista Committee

---

**DR. FR. PRABHAT K. SORENG**

Secretary, Botanista Committee



**BOTANISTA  
COMMITTEE**

**awards  
Rank 3**

**Sayali Patil  
National Microbio  
Quiz**

**7th Nov, 2021**

# NATIONAL WEBINAR ON 10<sup>TH</sup> MARCH, 2022

The Department of Botany and Chemistry had organised a National Webinar on Hydroponics and Greenhouse.

Chairperson of the Webinar: Dr. Sudhanshu S. Pandey, Project Leader, R&D Trivitron Healthcare, Chennai.

Organising Secretaries:

1. Ms. Swarnima Jha, Faculty, Botany Department, St. Xavier's College, Ranchi.
2. Ms. Keshar Mistry, Faculty, Chemistry Department, St. Xavier's College, Ranchi.

# DETAILS OF THE WEBINAR

## Speakers:

1. Speaker 1 Ms. Prachi Narayan, Co Founder, Ponik Farms, LLP, Ashoknagar, Ranchi.
2. Speaker 2 Dr. P. Suseela, Professor, Kerela Agricultural University, Kerela.

Vote of Thanks: Ms. Dipshika Tirkey, Student, Botany Department, St. Xavier's College, Ranchi.

# BROCHURE OF THE WEBINAR



**IQAC ST. XAVIER'S COLLEGE, RANCHI**  
**(DEPARTMENTS OF BOTANY AND CHEMISTRY)**  
**PRESENTS**  
**NATIONAL ONLINE SEMINAR**



**PATRON:**  
Dr. Fr. NABOR LAKRA  
(Principal, St. Xavier's College, Ranchi)



**CHAIRPERSON:**  
Dr. Sudhanshu S. Pandey  
(Project Leader; R&D Trivitron Healthcare, Chennai)

**DATE: 10th MARCH**  
**TIME: 10 A.M.**  
**VENUE: GOOGLE MEET**



**SPEAKER 1:**  
Ms. PRACHI NARAYAN  
(Co-founder, Ponik Farms LLP, Ashoknagar)



**SPEAKER 2:**  
Dr. P. Suseela  
(Professor, Kerala Agricultural University, Thrissur, Kerala)



**IQAC COORDINATOR:**  
Dr. A.K. SRIVASTAVA  
(Head, Botany Dept., St. Xavier's College, Ranchi)



**CHIEF CONVENOR:**  
Dr. MADHULIKA SINGH  
(Faculty, St. Xavier's College, Ranchi)



**ORGANISING SECRETARY:**  
Ms. KESHAR MISTRY  
(Faculty, St. Xavier's College, Ranchi)



**ORGANISING SECRETARY:**  
Ms. SWARNIMA JHA  
(Faculty, St. Xavier's College, Ranchi)

**TOPIC - HYDROPONICS AND GREENHOUSE**

**PARTICIPATION IS OPEN FOR ALL**

# PLANTATION DRIVE



**IQAC ST. XAVIER'S COLLEGE**  
**(Department of Botany), RANCHI**  
organises



# **PLANTATION DRIVE**

# **WORLD ENVIRONMENT DAY**

**DATE: 5TH JUNE**

**TIME: 11:00 A.M.**

**VENUE: COLLEGE AUDITORIUM**

**CHIEF GUEST:**

**SHRI G.N. YADAV**

**Asst. Conservator of Forest, Ranchi**

**ORGANISING COMMITTEE:**

**Dr. Fr. Nabor Lakra**

**Principal, SXC, Ranchi**

**Dr. A.K. Srivastava**

**HOD, Botany, SXC, Ranchi**



# DETAILS OF THE PROGRAMME

IQAC, St Xavier's College ( Department of Botany), Ranchi had organised a PLANTATION ON DRIV WORLD ENVIRONMENT DAY, 5<sup>TH</sup> JUNE, 2022 at 11 am, St Xavier's College, Campu and Students' Seminar (offline)

Venue: Room No. 41 (Hitech Lecture room)

Patron : Fr Dr Nabor Lakra, Principal, St Xavier's College, ranchi

Chief Guest : Mr Gorakh Nath Yadav, Assistant Conservator of Forest, Ranchi Division.

WELCOME OF THE CHIEF  
GUEST BY MS. HONEY  
KASHYAP, MSC. STUDENT,  
BOTANY DEPARTMENT



A plantation drive was carried out by the students of Botany, Zoology and Biotechnology Department of St. Xavier's College, Ranchi and Biotechnology Department of Ranchi Women's College in the open area of the campus.

The idea was conceived a fortnight ago and it evinced a great interest among the students and teachers. On the day, a large number of students and teachers turned up despite the sun and the vacation.

The chief guest of the day, Mr GN Yadav, ACF stressed on how to conserve our environment as we are alone as far as liveable planet is concerned. He also demonstrated how a sapling should be planted to obtain a better survival rate.

The plantation was done with the following plant types:

1.KUSUM

2.KARANJ

3.MAULSHREE

4.ARJUNA

5.MAHAGONI

These were obtained from the Dhurwa nursery of the Forest Department.

# LIST OF STUDENTS APPEARED FOR PRESENTATIONS

Names	College Names
1. Riya Rani	Ranchi Women's College
2. Kriti Kumari	Ranchi Women's College
3. Anushree	Ranchi Women's College
4. Mili Sinha	Ranchi Women's College
5. Aasyah	St. Xavier's College, Ranchi
6. Aanchal Adish	Ranchi Women's College

# LIST OF TEACHERS AND STUDENTS PRESENT DURING THE EVENT WITH SIGNATURES

IQAC ST. XAVIER'S COLLEGE RANCHI

(Department of Botany), Ranchi

Organized

Plantation Drive

and

Seminar

On World Environmental Day

Professors and students present:

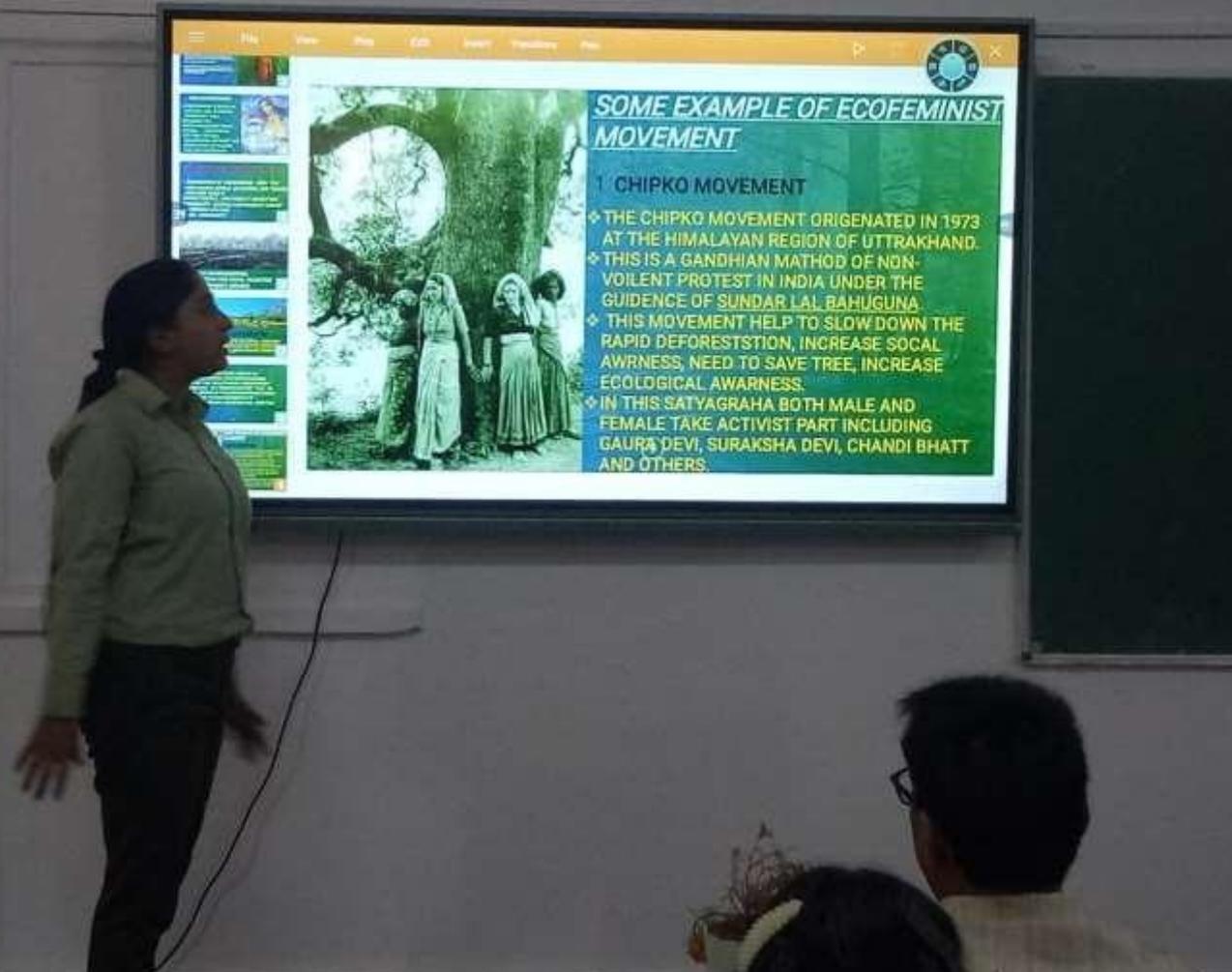
1. Anjan Kumar Mishra IAC Coordinator.
2. Dinesh Prasad
3. Kirti Kumari (Sem-6) Ranchi Women's College (B.Sc. Biotech).
4. Anushree (Sem-2) Ranchi Women's College (B.Sc. Biotech)
5. Shristi Kumari (Sem-2) St. Xavier's College (B.Sc. Botany)
6. Rishika Ranjan (Sem-2) St. Xavier's College (B.Sc. Botany)
7. Prabhat K. Sonu 
8. Jaipant Bhutkumar (Sem 2) St. Xavier's College (B.Sc. Botany)
9. Priyanka Kumari (Sem 2) St. Xavier's College (B.Sc. Botany)
10. Deepshikha Kumari (Sem 2) St. Xavier's College (B.Sc. Botany)
11. Karina Dubey (Sem 2) St. Xavier's College (B.Sc. Botany)
12. Chaitanya Rajan (Sem-4) St. Xavier's College (B.Sc. Botany)
13. Varun Kumar Singh (Sem-4) St. Xavier's College (B.Sc. Botany)
14. Saratsumra Pyne (Sem 4) St. Xavier's College (B.Sc. Bot)
15. Verendra Toppe (Sem-4) St. Xavier's College (B.Sc. Botany)
16. Bushra Fatma (Sem-6) St. Xavier's College (B.Sc. Botany)
17. Falak Priya (Sem-6) St. Xavier's College (B.Sc. Botany)
18. Anusika Singh (Sem-6) St. Xavier's College (B.Sc. Botany)

19. Zeza Cheney Kullu (Sem 4) St. Xavier's College, Ranchi (B.Sc. Botany)
20. Ritu Topno (Sem 4) St. Xavier's College, Ranchi (B.Sc. Botany)
21. Tashu Natasha Kisku (Sem 2) St. Xavier's College, Ranchi (B.Sc. Botany)
22. Ajushi Singh (Sem-4) St. Xavier's College, Ranchi (B.Sc. Botany)
23. Anup Damiyan Soy (Sem 2) St. Xavier's College, Ranchi (B.Sc. Botany)
24. Priyadarshini Deepika (Sem 4) Ranchi Women's College, Ranchi (B.Sc. Botany)
25. Radhika Kumari (Sem 4) Ranchi Women's College, Ranchi (B.Sc. Botany)
26. Nitya Mansi (Sem 4) Ranchi Women's College, Ranchi (B.Sc. Biotechnology)
27. Pratima Chakraborty (Sem 4) Ranchi Women's College, Ranchi (B.Sc. Biotechnology)
28. Honey Kashyap (Sem-II) St. Xavier's College, Ranchi (B.Sc. Botany)
29. Riya Rani (Sem 4) Ranchi Women's College (B.Sc. Biotechnology)
30. Priyanka Kajal Lakra (Sem-VI) - St. Xavier's College, Ranchi (B.Sc. Botany)
31. Dipshikha Tinkay (Sem-VI) - St. Xavier's College, Ranchi (B.Sc. Botany)
32. Aasyah (Sem-II) - St. Xavier's College, Ranchi (B.Sc. Zoo)
33. Neha Hembram (Sem-IV) St. Xavier's College, Ranchi (B.Sc. Zoo)
34. Pujakarketta (Sem-IV) St. Xavier's College, Ranchi (B.Sc. Zoo)
35. Saman Kongari (Sem-IV) St. Xavier's College, Ranchi (B.Sc. Bot)
36. Manila Meriyam Purty (Sem-IV) St. Xavier's College, Ranchi (B.Sc. Botany)



# STUDENTS' PRESENTATIONS PROGRAMME

File View Help Edit Insert Windows Help



### SOME EXAMPLE OF ECOFEMINIST MOVEMENT

#### 1 CHIPKO MOVEMENT

- ❖ THE CHIPKO MOVEMENT ORIGINATED IN 1973 AT THE HIMALAYAN REGION OF UTTARAKHAND.
- ❖ THIS IS A GANDHIAN METHOD OF NON-VIOLENT PROTEST IN INDIA UNDER THE GUIDANCE OF SUNDAR LAL BAHUGUNA
- ❖ THIS MOVEMENT HELP TO SLOW DOWN THE RAPID DEFORESTATION, INCREASE SOCIAL AWARENESS, NEED TO SAVE TREE, INCREASE ECOLOGICAL AWARENESS.
- ❖ IN THIS SATYAGRAHA BOTH MALE AND FEMALE TAKE ACTIVIST PART INCLUDING GAURA DEVI, SURAKSHA DEVI, CHANDI BHATT AND OTHERS.



# STUDENTS' POSTERS

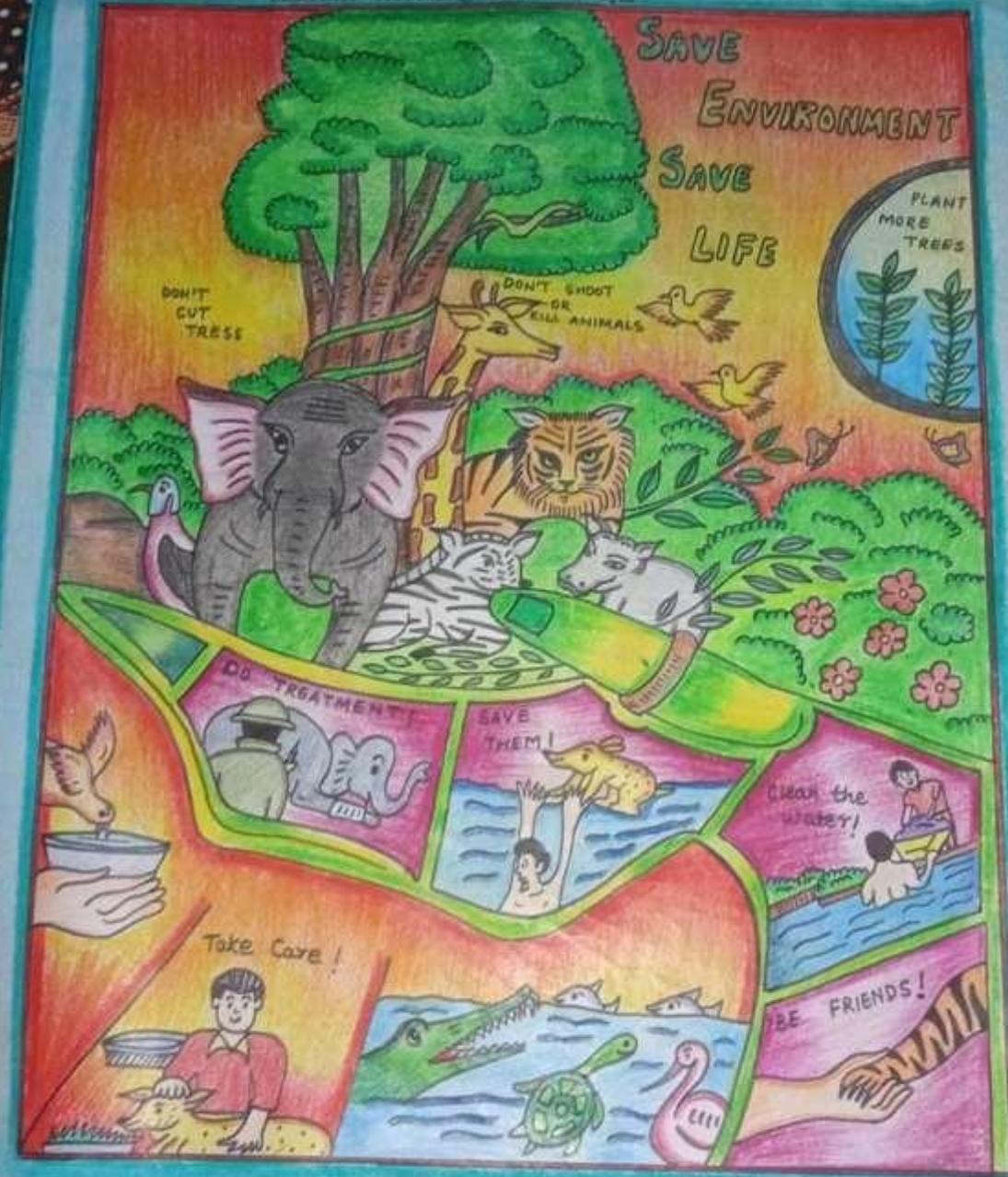
SAVE ENVIRONMENT

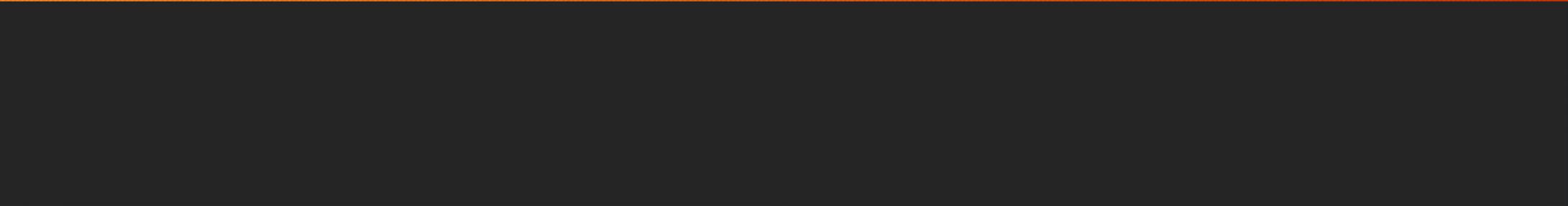
SAVE FUTURE...



It is not yours, nor mine.  
It is ours. So protect  
your mother who nourished you.  
Happy World Environment Day

Honey Kashyap  
M.Sc. Sem-II  
(Botany)





# PHOTOGRAPHS OF THE PLANTATION DRIVE







**IQAC ST. XAVIER'S COLLEGE  
(Department of Botany), RANCHI**  
Organises



**PLANTATION DRIVE**

**MONDAY**

Shri  
Conserva  
chi

ORGAN  
for Lak  
C, Ranc

**COMMITTEE:**  
K. Srivastav  
any, SXC, Ra



# HONOURING THE CHIEF GUEST WITH CERTIFICATE





**STUDENTS GETTING  
CERTIFICATES FROM THE  
CHIEF GUEST AND PRINCIPAL**











# NATIONAL WEBINAR ON 5<sup>TH</sup> JUNE, 2022

IQAC St Xavier's College (Department of Botany), Ranchi had organised a National Webinar on World Environment Day.

Time : 18.00 -21.00 pm

Platform : Google Meet

Chairperson : Dr SD Patankar, Nagpur University, Maharashtra.

Speakerss :

Speaker 1. Dr Uma Shankar Singh, Ex PCCF, UP

Speaker 2. Dr BK Sinha, Principal, PKRMC, Dhanbad

Speaker 3. Dr Swaranjit Singh, Director, SAS Free Polyclinic, Mohali, Punjab

The Webinar was hosted by Dr Jui Bannerjee of the Department of BBA, St Xavier's College, Ranchi and collectively attended by more than 150 participants.

# DETAILS OF THE WEBINAR

- The chairperson, Dr SD Patankar apprised us of the development in the field of applied research and how more and more people could be brought in the field of human welfare through research.
- The first speaker, Dr US Singh came down heavily on the human aspirations of vulgar growth and meaningless so called development. He also severely criticised the mindless cutting down of trees for the execution of the developmental projects. Citing the examples of Sagar islands and poor lemon cultivation, he warned of the worsening Climate Change.
- The second speaker, Dr BK Sinha took the audience on a trip to the minute world of soil-creatures. He pinpointed the role of the soil insects in the aeration, conditioning and overall well being of the soil ecosystem. He indicated that the ongoing climate change could seriously jeopardise the lives of these hapless insects and the entire soil ecosystem may come crashing down leading to great ecological and economic losses.

# DETAILS OF THE WEBINAR

- The third speaker Dr Swaranjit Singh delivered with an elan a lecture on BIOREMEDIATION where the inevitable loss of fertile soil and water bodies due to pollutants could be corrected by the use of plants and microorganisms. At the same time however, he stressed on the minimising of the production of waste in the first hand.
- The lectures were followed by a trail of discussion and it ended in a happy and rich note. It quite obvious that the participants must have carried home a few valuable points for understanding.
- The vote of thanks was presented by Ms Deepshikha of Botany department.



**IQAC ST. XAVIER'S COLLEGE  
(DEPARTMENT OF BOTANY), RANCHI**



PRESENTS

**NATIONAL WEBINAR**

**WORLD ENVIRONMENT DAY**



**5TH JUNE, 2022**

**6 - 9 PM**

**GOOGLE MEET**



**PATRON:**  
**Dr. Fr. NABOR LAKRA**  
Principal, St. Xavier's  
College, Ranchi



**IQAC COORDINATOR:**  
**Dr. A.K. SRIVASTAVA**  
Head, Botany Dept.,  
SXC, Ranchi

**SPEAKERS**



**DR. UMA S. SINGH**  
Ex - PCCF, Uttar  
Pradesh



**DR. B.K. SINHA**  
Principal, P.K. Roy  
College, Jharkhand



**DR. SWARANJIT SINGH**  
Director, SAS Free  
Polyclinic, Mohali,  
Punjab



**CHAIRPERSON:**  
**Dr. S. D. PATANKAR**  
Faculty, RTM-Nagpur University,  
Nagpur, Maharashtra

***HOST OF THE EVENT: JUI BANERJEE***

**BROCHURE OF THE  
WEBINAR**



# PHOTOGRAPHS OF THE WEBINAR



Jui



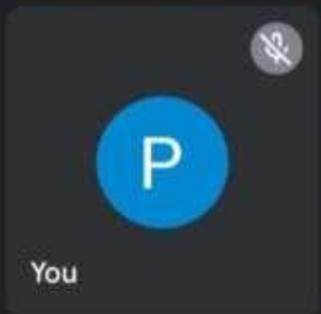
Ajay Kumar



Dr. Uma Shan...



Pallav



You



Brajkishor 73 others



Sanjeev



607



Dr. Uma Sha...



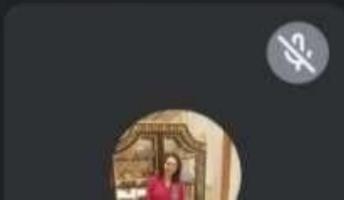
@47\_Akash



608 Anup D...



Ajay Kumar



Dr. Uma Shan...



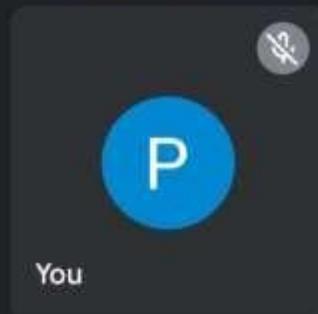
Sanjeev



Jui



Afshan



You



Ajay Kur 78 others

RESOURCE PERSON DR.  
SWARANJIT SINGH IS HOLDING  
THE MEMENTO AND CERTIFICATE  
OF ST. XAVIER'S COLLEGE,  
RANCHI



**CERTIFICATE**  
OF APPRECIATION

This certificate is proudly presented to

**Dr. Swaranjit Singh**

for his valuable contribution in the field of research in the National Institute of Health and Family Welfare, Ludhiana, Punjab, India, on 20th June 2020.

Dr. P. N. Lakshmi  
President, NIFAW  
Ludhiana, Punjab

Dr. R. S. Chahal  
Member Secretary  
Ludhiana, Punjab

**DR. A.K. SRIVASTAVA  
HONOURING DR. B.K.SINHA  
WITH CERTIFICATE AND  
MEMENTO**



**CERTIFICATE  
OF APPRECIATION**

This certificate is proudly  
**Dr. B.K. S...**

For his invaluable contribution in the field of  
Research and Development in the area of  
Lithium-Ion Batteries for Electric Vehicles

# SXC INTERNAL QUALITY ASSURANCE CELL

Address: St. Xavier's College, Ranchi  
Post Box No-9, Dr. Camil Bulcke Path  
Ranchi, Jharkhand-834001

Contact: 0651-2214301,2214935

Fax: 0651-2207672

Email: [info@sxcran.org.in/sxcprincipal@gmail.com](mailto:info@sxcran.org.in/sxcprincipal@gmail.com)

Website: [www.sxcran.org](http://www.sxcran.org)



THANK YOU