

Workshop on 'Research Methodology'

1.	Name of Activity (Title)	Research for Resurgence Anandshala
2.	Type of Activity (FDP/Lecture/Technical/conference etc.)	Workshop
3.	Name of department/ Section/ cell conducting the activity	Research and Development Section
4.	In coordination with (if any)	Research For Resurgence Foundation (RFRF)
5.	Date of conduct	23-24 July, 2021
6.	Name of Activity Coordinator (s)	Advisor: Prof. Rajesh Ahuja Convener: Dr. Rajeev Kumar Saha Coordinator: Dr. Sheilza Jain & Dr. Sakshi Kalra
7.	Amount Spent	Rs. 12000/-
8.	Funding/ grant from (University/ Industry/ UGC/ AICTE/ DST/ TEQIP/ Outside Society/ agency/others (mention)	University
9.	Target audience	Faculty and Research Scholars
10.	No. of beneficiaries	90
11.	Name of Outside guests	<p>Prof. (Dr.) Rajesh Biniwale - Director General, Research for Resurgence Foundation - Sr.Principal Scientist & Head, CTM Division, NEERI, Nagpur</p> <p>Prof. Shreepad Karmalkar Professor Department of Electrical Engineering IIT, Madras</p> <p>Prof. Ashish Pandey Associate Professor S.J. Mehta School of Management IIT, Bombay</p>
12.	Any other information	<p>The two-day online workshop organised by Research and Development Section, JC Bose University of Science and Technology, YMCA, Faridabad on 'Research Methodology' conducted on 23-24 July, 2021 was intended to give a boost to researchers. It was aptly called 'Anandshala' as through active participation and talk with peers a researcher gets motivated and a lot of interest is generated in resolving the intended research problem.</p> <p>A total of 90 faculty members and researchers participated in the workshop.</p> <p>One of the sessions was panel discussion wherein five young faculty members of J.C. Bose University presented their research work. Dr. Anurag Gaur and Dr. Anuj Jain from Physics dept., Dr. Sitaram and Dr. Anurag from Chemistry dept. and Dr. Somvir from Environmental Sciences.</p>

		Prof. Rajesh Biniwale, Sr. Principal Scientist at NEERI Nagpur, apprised participants on 'Research Perspectives'. Prof. Shreepad Karmalkar from IIT, Madras and Prof. Ashish Pandey from IIT, Bombay interacted with researchers on various issues and suggested means of resolving them.
13.	Also attach two/ three good quality photographs	Attached below



J. C. Bose University of Science and Technology, YMCA, Faridabad

A Haryana State Govt. University

(Established by Haryana State Legislative Act. No. 21 of 2009 & Recognized by UGC Act 1956 u/s 22 to Confer Degrees)

Accredited 'A' Grade by NAAC

in Collaboration with **Research For Resurgence Foundation (RFRF)**

organizes **Workshop** on **Research Methodology**

entitled **Research for Resurgence Anandshala**

23rd - 24th July 2021

Keynote Speaker



Prof. (Dr.) Rajesh Biniwale

- Director General
Research for Resurgence Foundation
- Sr. Principal Scientist & Head
CTM Division, NEERI, Nagpur

Expert Speakers



Prof. Shreepad Karmalkar

Professor
Department of Electrical Engineering
IIT, Madras



Prof. Ashish Pandey

Associate Professor
S.J. Mehta School of Management
IIT, Bombay

Deliberations on

Research Mindset; Questions for Interesting, Creative and Useful Research; Difference between course based Education and Research; Thinking, Experimental and Management Skills for Research; Intra and Interpersonal Aspects of Research and Institutional Aspects of Research

Registration Link: <https://forms.gle/gK21X48YhrefSKjH8>

e-certificates for participants attending all sessions

Organized by: Research & Development Section

PATRON

Prof. Dinesh Kumar

Vice Chancellor
J.C. Bose UST
YMCA, Faridabad

CO-PATRON

Dr. Sunil Kumar Garg

Registrar
J.C. Bose UST
YMCA, Faridabad

Advisor

Prof. Rajesh Kr. Ahuja, Dean (R&D)

Convener

Dr. Rajeev Saha, Dy. Dean (R&D)

Coordinator

Dr. Sheilza Jain, Coordinator (R&D)
Dr. Sakshi Kalra, Asst. Prof (EE)

Zoom Meeting 00:02:10

Recording

Participants (82)

Q. Find a participant

AK Aashna Kalra 2 (Me)   

Rajeev Saha (Host)  

JK JIVESH KUMAR (Co-host)   

AP Ashish Pandey (Co-host)   

DA Dr Anurag Gaur (Co-host)   

Dr Rajesh Kr Ahuja (Co-host)   

Dr. Sakshi Kalra (Co-host)   

JT jalaj tyagi (Co-host)   

Rajesh Biniwale (Co-host)   

RT Ritika Thusoo (Co-host)   

sheilza jain (Co-host)   

SV Somya Verma (Co-host)   

DK Dinesh Kumar   

Invite Unmute Me 10:26 23-07-2021

www.firebaseio.com Search 3.1.3 - docs.google.com Sent Mail web.whatsapp.com www.iiit.ac.in (32) WiFi Lau sample Meet sample

Recording 00:02:10

Zoom Meeting

Participants (82)

Q. Find a participant

AK Aashna Kalra 2 (Me)   

Rajeev Saha (Host)  

JK JIVESH KUMAR (Co-host)   

AP Ashish Pandey (Co-host)   

DA Dr Anurag Gaur (Co-host)   

Dr Rajesh Kr Ahuja (Co-host)   

Dr. Sakshi Kalra (Co-host)   

JT jalaj tyagi (Co-host)   

Rajesh Biniwale (Co-host)   

RT Ritika Thusoo (Co-host)   

sheilza jain (Co-host)   

SV Somya Verma (Co-host)   

DK Dinesh Kumar   

Invite Unmute Me 10:26 23-07-2021

www.firebaseio.com Search 3.1.3 - docs.google.com Sent Mail web.whatsapp.com www.iiit.ac.in (32) WiFi Lau sample Meet sample

Recording 00:02:10

Zoom Meeting

Participants (82)

Q. Find a participant

AK Aashna Kalra 2 (Me)   

Rajeev Saha (Host)  

JK JIVESH KUMAR (Co-host)   

AP Ashish Pandey (Co-host)   

DA Dr Anurag Gaur (Co-host)   

Dr Rajesh Kr Ahuja (Co-host)   

Dr. Sakshi Kalra (Co-host)   

JT jalaj tyagi (Co-host)   

Rajesh Biniwale (Co-host)   

RT Ritika Thusoo (Co-host)   

sheilza jain (Co-host)   

SV Somya Verma (Co-host)   

DK Dinesh Kumar   

Invite Unmute Me 10:26 23-07-2021

www.firebaseio.com Search 3.1.3 - docs.google.com Sent Mail web.whatsapp.com www.iiit.ac.in (32) WiFi Lau sample Meet sample

Recording 00:02:10

Zoom Meeting

Participants (82)

Q. Find a participant

AK Aashna Kalra 2 (Me)   

Rajeev Saha (Host)  

JK JIVESH KUMAR (Co-host)   

AP Ashish Pandey (Co-host)   

DA Dr Anurag Gaur (Co-host)   

Dr Rajesh Kr Ahuja (Co-host)   

Dr. Sakshi Kalra (Co-host)   

JT jalaj tyagi (Co-host)   

Rajesh Biniwale (Co-host)   

RT Ritika Thusoo (Co-host)   

sheilza jain (Co-host)   

SV Somya Verma (Co-host)   

DK Dinesh Kumar   

Invite Unmute Me 10:26 23-07-2021

www.firebaseio.com Search 3.1.3 - docs.google.com Sent Mail web.whatsapp.com www.iiit.ac.in (32) WiFi Lau sample Meet sample

Recording 00:02:10

Zoom Meeting

Participants (82)

Q. Find a participant

AK Aashna Kalra 2 (Me)   

Rajeev Saha (Host)  

JK JIVESH KUMAR (Co-host)   

AP Ashish Pandey (Co-host)   

DA Dr Anurag Gaur (Co-host)   

Dr Rajesh Kr Ahuja (Co-host)   

Dr. Sakshi Kalra (Co-host)   

JT jalaj tyagi (Co-host)   

Rajesh Biniwale (Co-host)   

RT Ritika Thusoo (Co-host)   

sheilza jain (Co-host)   

SV Somya Verma (Co-host)   

DK Dinesh Kumar   

Invite Unmute Me 10:31 23-07-2021

www.firebaseio.com Search 3.1.3 - docs.google.com Sent Mail web.whatsapp.com www.iiit.ac.in (32) WiFi Lau sample Meet sample

Recording 00:07:27

Zoom Meeting

Participants (86)

Q. Find a participant

JK JIVESH KUMAR (Co-host)   

AP Ashish Pandey (Co-host)   

DA Dr Anurag Gaur (Co-host)   

Dr Rajesh Kr Ahuja (Co-host)   

Dr. Sakshi Kalra (Co-host)   

JT jalaj tyagi (Co-host)   

Ritika Thusoo (Co-host)   

sheilza jain (Co-host)   

SV Somya Verma (Co-host)   

19001007006 Ashutosh   

19001007055 Tarun Bargujar   

20001901005   

Invite Unmute Me 10:31 23-07-2021

www.firebaseio.com Search 3.1.3 - docs.google.com Sent Mail web.whatsapp.com www.iiit.ac.in (32) WiFi Lau sample Meet sample

Recording 00:07:27

Zoom Meeting

Participants (86)

Q. Find a participant

AK Aashna Kalra 2 (Me)   

Rajeev Saha (Host)  

JK JIVESH KUMAR (Co-host)   

AP Ashish Pandey (Co-host)   

DA Dr Anurag Gaur (Co-host)   

Dr Rajesh Kr Ahuja (Co-host)   

Dr. Sakshi Kalra (Co-host)   

JT jalaj tyagi (Co-host)   

Rajesh Biniwale (Co-host)   

RT Ritika Thusoo (Co-host)   

sheilza jain (Co-host)   

SV Somya Verma (Co-host)   

DK Dinesh Kumar   

Invite Unmute Me 10:31 23-07-2021

www.firebaseio.com Search 3.1.3 - docs.google.com Sent Mail web.whatsapp.com www.iiit.ac.in (32) WiFi Lau sample Meet sample

Recording 00:07:27

Zoom Meeting

Participants (86)

Q. Find a participant

AK Aashna Kalra 2 (Me)   

Rajeev Saha (Host)  

JK JIVESH KUMAR (Co-host)   

AP Ashish Pandey (Co-host)   

DA Dr Anurag Gaur (Co-host)   

Dr Rajesh Kr Ahuja (Co-host)   

Dr. Sakshi Kalra (Co-host)   

JT jalaj tyagi (Co-host)   

Rajesh Biniwale (Co-host)   

RT Ritika Thusoo (Co-host)   

sheilza jain (Co-host)   

SV Somya Verma (Co-host)   

DK Dinesh Kumar   

Invite Unmute Me 10:31 23-07-2021

www.firebaseio.com Search 3.1.3 - docs.google.com Sent Mail web.whatsapp.com www.iiit.ac.in (32) WiFi Lau sample Meet sample

Recording 00:07:27

Zoom Meeting

Participants (86)

Q. Find a participant

AK Aashna Kalra 2 (Me)   

Rajeev Saha (Host)  

JK JIVESH KUMAR (Co-host)   

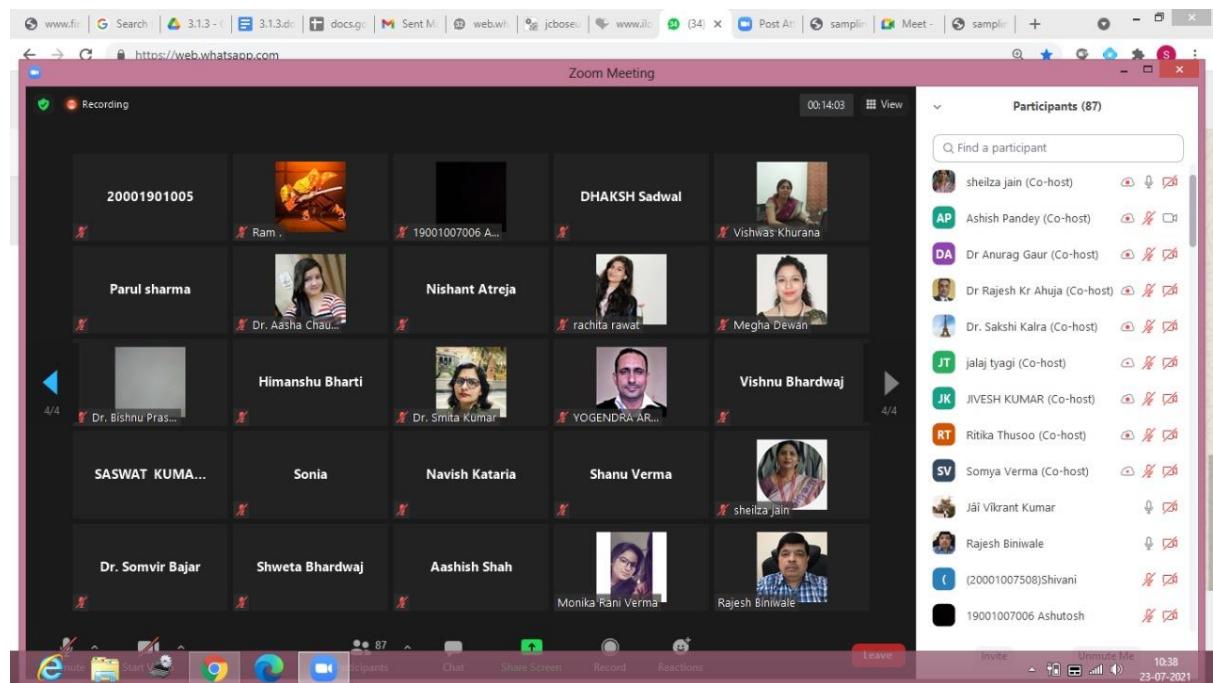
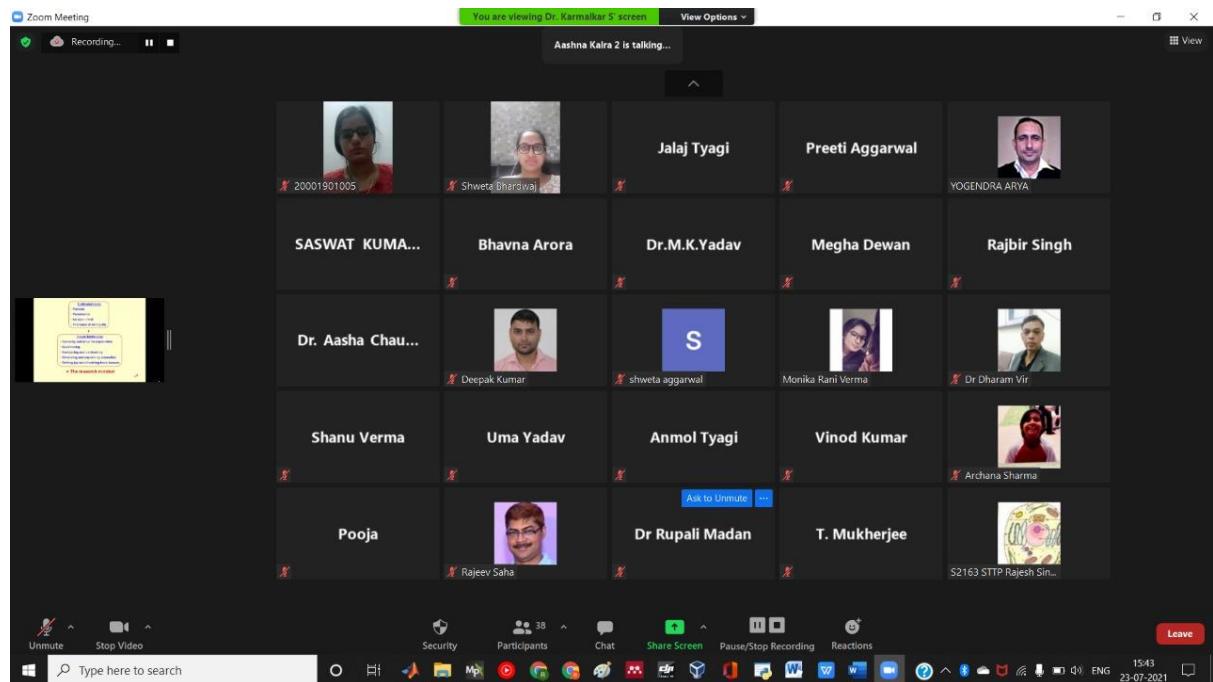
AP Ashish Pandey (Co-host)   

DA Dr Anurag Gaur (Co-host)   

Dr Rajesh Kr Ahuja (Co-host)   

Dr. Sakshi Kalra (Co-host)   

JT jalaj tyagi (Co-host)   <img alt="participants icon"



You are viewing Anuj Kumar Arya's screen. View Options

Recording...

Properties Technology - Microsoft PowerPoint

Various type of PV cell

Type	Efficiency Range (%)
Crystalline (Single crystal)	10-15%
Crystalline (Poly crystalline)	10-12%
Non-crystalline (Amorphous)	7-10%
Gallium Arsenide (GaAs)	15-40%
Dye-sensitized Type	7-14%
Organic Thin Layer Type	2-11%
Perovskite	15-21%

Participants: Ritika Thusoo, Dr. Anurag Gaur, Somya Verma, JIVESH KUMAR, Preeti Aggarwal, Rajiv Kumar, Ashish Pandey, Dr. Sakshi Kalra, Dr. Dharam Vir, TANUJA GARG, Dr. Sandeep Rangi, T. Mukherjee, ish, Aashish Kumar, 20001901005, Aashna Kalra 2, SASWAT KUMA..., Dr. Sheilza Jain, Dr. Sakshi Kalra, Ritika Thusoo, Dr. Sheilza Jain, Dr. Sakshi Kalra, karmal, YOGESH 1801..., S2163 STTP Raje..., Neeraj chopra, jalaj tyagi, Sonia Yadav 5..., Deepak Kumar, Chanchal, Sandeep Rangi, Anjali Prajapati

Unmute Start Video Security Participants Chat Share Screen Pause/Stop Recording Reactions Leave

Recording...

Difference between course based learning and research

Ritika Thusoo, Dr. Sheilza Jain, Dr. Sakshi Kalra, karmal, YOGESH 1801..., S2163 STTP Raje..., Neeraj chopra, jalaj tyagi, Sonia Yadav 5..., Deepak Kumar, Chanchal, Sandeep Rangi, Anjali Prajapati

The screenshot shows a WhatsApp video call interface. At the top, a green bar indicates 'Recording' and 'You are viewing Dr. Somvir Bajar's screen'. The main content is a presentation slide titled 'Sources of Lignocellulosic Biomass'. The slide contains the following text and diagrams:

- Agricultural Residues (wheat straw, corn cob, sugarcane bagasse,)**
About 683 Mt produced in India
- Industrial waste (effluents from pulp and paper industry, distillery and tannery waste etc.)**
potential of energy generation is 4,968 MW
- Forest Residues (roots, branches, foliage etc.)**
Global annual production is 4.6 Gt
- Urban organic waste (kitchen and garden waste, organic animal waste etc.)**
potential of energy generation is 1,622 MW

At the bottom of the slide, a message box says 'From Jai Vikrant Kumar to Everyone' and 'plz link provide'.

On the right side of the screen, a list of 'Participants (50)' is shown, with names like sakshi, Rajeev Saha (Host), Dr. Somvir Bajar (Co-host), Anuj Kumar Arya (Co-host), Ashish Pandey (Co-host), Dr. Anurag Gaur (Co-host), Dr. Anurag (Co-host), Dr. Sakshi Kalra (Co-host), JIVESH KUMAR (Co-host), Ritika Thusoo (Co-host), Somya Verma (Co-host), 20001901003 (Rimi), and 20001901005.

You are viewing Dr. Somvir Bajar's screen View Options

Recording... ■ ■ ■

Dr. Anurag Ritika Thusoo Anuj Kumar Arya Dr Anurag Gaur

Somya Verma Ashish Pandey 20001901003 (R...) Dr. Somvir Bajar

JIVESH KUMAR Preeti Aggarwal Sandeep Rangi

TANUJA GARG T. Mukherjee 20001901005

sakshi SASWAT KUMA... Shantu Verma

YOGENDRA ARYA

Dr. Rupali Madan Rajbir Singh Neeraj Chandra

Unmute Start Video

Security Participants Chat Share Screen Pause/Stop Recording Reactions

Leave

Bioconversion of Lignocellulosic Biomass into Bioethanol: Socio-economic, Environmental and Health perspective

Dr. Somvir Bajar
Department of Environmental Science & Engineering
J.C. Bose University of Science & Technology, YMCA

Recording...

Participants (56)

Q. Find a participant

sheilza jain

sheilza jain

Shiva Vashisth

shweta agarwal

T. Mukherjee

TANUJA GARG

Uma Yadav

Vinod Kumar

Vishwas Khurana

Vivek Kaushik

YOGENDRA ARYA

Aashish Kumar

Dhananjay Ghatak

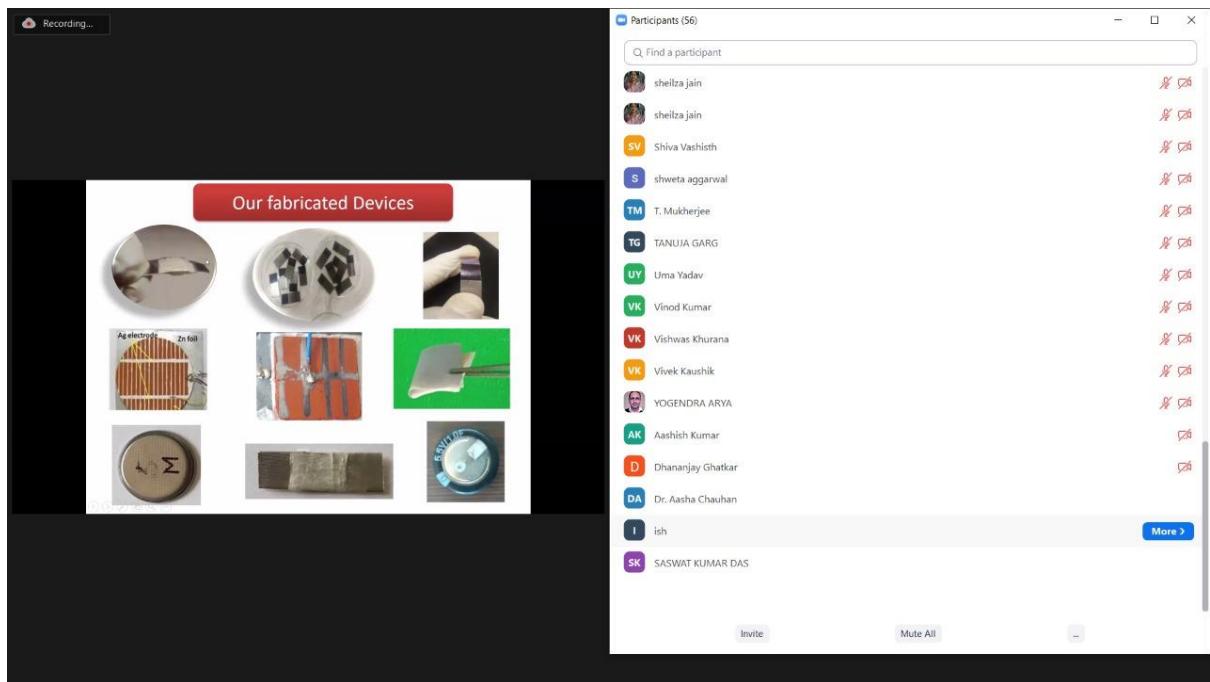
Dr. Aasha Chauhan

ish

SASWAT KUMAR DAS

More >

Invite Mute All



Find a participant

Dr. Sakshi Kalra (Co-host, me)

Rajeev Saha (Host)

Ashish Pandey (Co-host)

Ritika Thusoo (Co-host)

Dr. Rupali Madan (Co-host)

Dr. Sheilza Jain (Co-host)

100196 Alka Rawat

20001901005

Anmol Tyagi

Deepak Kumar

Dr. Dharam Vir

Dr. Aasha Chauhan

Dr. Rajeev Saha

Dr. Sheilza Jain

100196 Alka Rawat

20001901005

ANMOL TYAGI

Deepak Kumar

Dr. Dharam Vir

Dr. Rupali Madan

Invite Mute All

Chat

Mute Stop Video Security Participants 26 Chat Share Screen Pause/Stop Recording Reactions Leave

Type here to search

