

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	Prof. (Dr.) Rajesh Biniwale - Director General, Research for Resurgence Foundation - Sr.Principal Scientist & Head, CTM Division, NEERI, Nagpur Prof. Shreepad Karmalkar Professor Department of Electrical Engineering IIT, Madras Prof. Ashish Pandey Associate Professor S.J. Mehta School of Management IIT, Bombay
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>

		<p>Prof. Rajesh Biniwale, Sr. Principal Scientist at NEERI Nagpur, apprised participants on 'Research Perspectives'.</p> <p>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.</p>
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

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)

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**

Zoom Meeting

Recording

00:02:10

Participants (82)

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

Prof. Dinesh Kumar

Vice Chancellor

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

He has obtained PhD degree from Cambridge University and has published over 100 research papers.

He is the recipient of "Homi J. Bhabha Gold Medal" which was given by our Hon'ble Prime Minister - Shri Narendra Modi Ji.

He has also been awarded with the title of "Rankbandhu Shiksha Shiromani Sammaan" by Rankbandhu Sahitya Academy and is also awarded with the title of "Most Eminent Vice Chancellor" by All India Council of Human Resource.

Under his leadership the University has reached new heights like 'A' Grade accreditation by NAAC and NBA accreditation of its various courses and made presence in NIRF ranking every year.

Dinesh Kumar

10:26 23-07-2021

Zoom Meeting

Recording

00:07:27

Participants (86)

Find a participant

JK JIVESH KUMAR (Co-host)

AP Ashish Pandey (Co-host)

Rajesh Biniwale (Co-host)

DA Dr Anurag Gaur (Co-host)

Dr Rajesh Kr Ahuja (Co-host)

Dr Sakshi Kalra (Co-host)

JT jalaj tyagi (Co-host)

RT Ritika Thusoo (Co-host)

sheilza jain (Co-host)

SV Somya Verma (Co-host)

19001007006 Ashutosh

19001007055 Tarun Bargujar

20001901005

Keynote Speaker

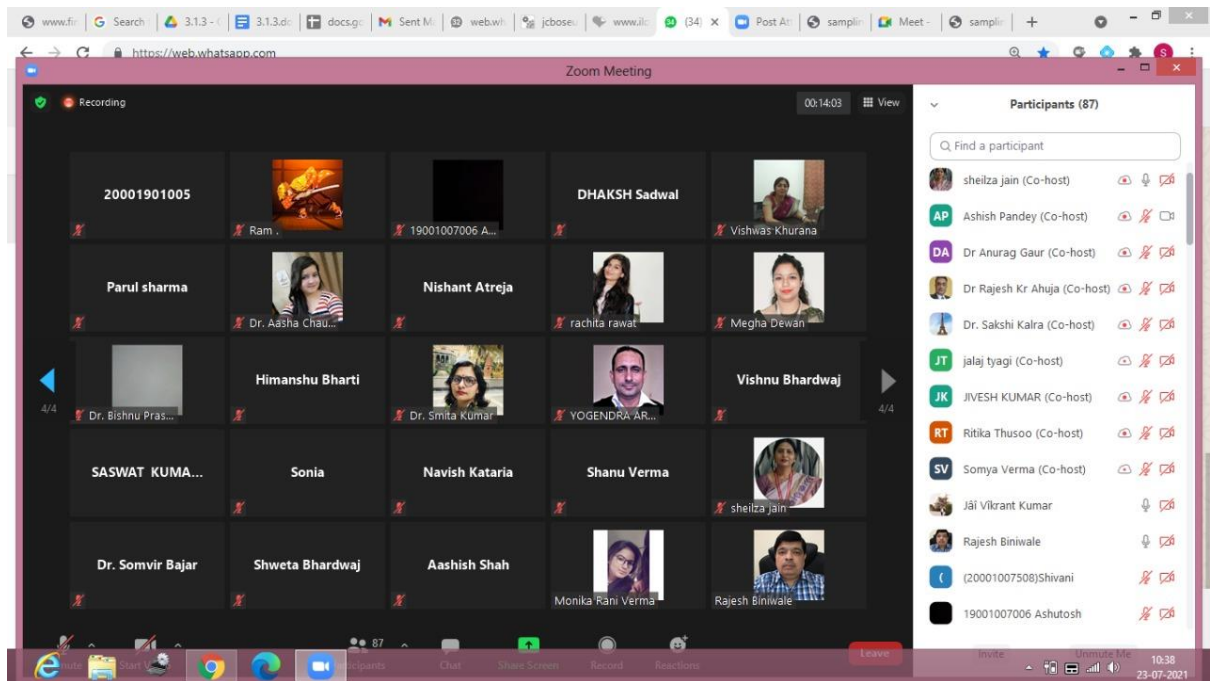
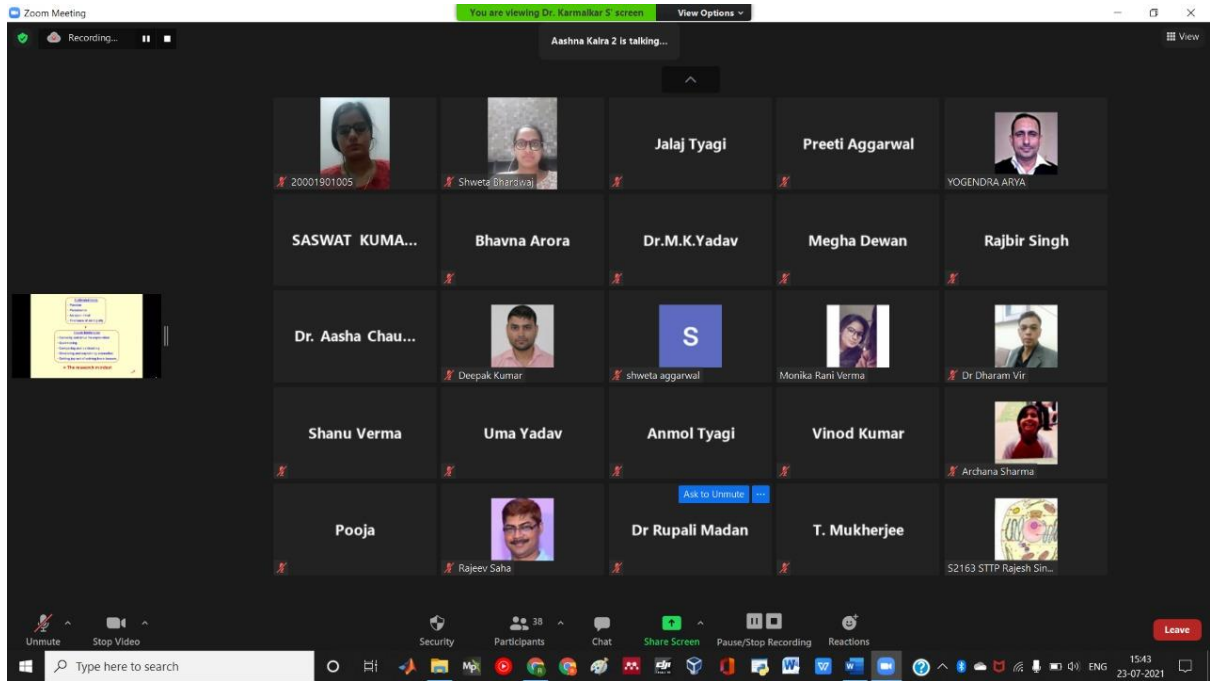
Prof. Rajesh Biniwale

Founder, Director General, Research for Resurgence Foundation

- Dr. Biniwale brings in vast industrial & research experience in various domains of including research, planning, monitoring, modelling and implementation.
- He is currently working at National Environmental Engineering Research Institute (NEERI) as Senior Principal Scientist and having more than 25 years experience in R&D and Environmental Project Management.
- Beside projects from national funding agencies and industries he has worked in Asian Development Bank & World Bank projects, projects with European Commission, working as UNDP consultant.
- Founder Director General, Research for Resurgence Foundation, Founder Director at Ecologique Science Technik (India) Pvt. Ltd.
- He is JSPS-Ronpaku Fellow, JSPS Bridge Fellow, Member of Indian Institute of Chemical Engineers (MIChE), Fellow of Maharashtra Academy of Sciences (FMASc), Fellow of Indian Waterworks Association (FIWA), Member of Catalysis Society of India.
- He is member of Several Committees constituted by Ministry of Environment Forest and Climate Change (MoEFCC), Ministry of New and Renewable Energy (MNRE), Pollution Control Boards, UNDP, Namami Chandrabhaga, India-UK DST Task Force
- He has collaborations with Japan, Germany, France, Italy, Greece, Romania, Norway, Finland and also worked in Bangladesh and Sri Lanka.

Rajesh Biniwale

10:31 23-07-2021



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

Various type of PV cell

Conversion Efficiency of Module	
Solar Cell	Crystalline
	Single crystal - 15 - 19%
	Poly crystalline - 10 - 13%
	Thin-crystalline - Amorphous
	7 - 10%
	Compound Semiconductor
Gallium Arsenide (GaAs)	
18 - 24%	
Organic Semiconductor	
Dye-sensitized Type	
7 - 14%	
Organic Thin Layer Type	
2 - 11%	
Perovskite	
~21%	

Participants: Dr. Anurag, Ritika Thusoo, Anuj Kumar Arya, Dr. Anurag Gaur, Somya Verma, Preeti Aggarwal, Rajiv Kumar, Ashish Pandey, JIVESH KUMAR, Dr. Dharam Vir, TANUJA GARG, Dr. Sakshi Kalra, Sandeep Rangji, T. Mukherjee, ish, Aashish Kumar, 20001901005, Aashna Kalra 2, SASWAT KUMA..., Shanu Verma

Unmute Start Video Security Participants 56 Chat Share Screen Pause/Stop Recording Reactions Leave

Recording...

Difference between course based learning and research

1

Participants: Rajeev Saha, Ritika Thusoo, Dr. Sheliza Jain, Dr. Sakshi Kalra, karmal, YOGESH1801..., S21631STTR.Raje..., Neeraj chopra, jalaj tyagi, Sonia Yadav S..., Deepak Kumar, Chanchal, Sandeep Rangji, Anjali Prajapati

Recording

02:30:30 View

https://web.whatsapp.com

You are viewing Dr. Somvir Bajar's screen

Participants (50)

Find a participant

sakshi (Me)

Rajeev Saha (Host)

Dr. Somvir Ba... (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)

20001901005

Dr. Somvir Bajar

Annual production/energy generation

From Jai Vikrant Kumar to Everyone
plz link provide

Industrial waste (effluents from pulp and paper industry, distillery and tannery waste etc.)
potential of energy generation is 4,068 MW

Sources of Lignocellulosic Biomass

Agricultural Residues (wheat straw, corn cob, sugarcane bagasse, etc.)
About 683 Mt produced in India

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

Unmute

Start Video

Security

Participants 51

Chat

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Reactions

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12:54

23-07-2021

Recording...

You are viewing Dr. Somvir Bajar's screen

View Options

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

Dr. Anurag

Ritika Thusoo

Anuj Kumar Arya

Dr. Anurag Gaur

Somya Verma

Ashish Pandey

20001901003 (R...

Dr. Somvir Bajar

Dr. Sakshi Kalra

JIVESH KUMAR

Preeti Aggarwal

Sandeep Rangl

Dr. Dharam Vir

TANUJA GARG

T. Mukherjee

20001901005

sakshi

YOGENDRA ARYA

SASWAT KUMA...

Shanu Verma

Dr. Karmakar S

Dr. Rupali Madan

Rajbir Singh

Neeraj Chhokra

Unmute

Start Video

Security

Participants 51

Chat

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Reactions

Leave

Recording...

Our fabricated Devices



Participants (56)

Find a participant

- sheilza jain
- sheilza jain
- SV Shiva Vashistha
- S shweta aggarwal
- TM T. Mukherjee
- TG TANUJA GARG
- UV Uma Yadav
- VK Vinod Kumar
- VK Vishwas Khurana
- VK Vivek Kaushik
- YOGENDRA ARYA
- AK Aashish Kumar
- D Dhananjay Ghatkar
- DA Dr. Aasha Chauhan
- I ish
- SK SASWAT KUMAR DAS

Invite Mute All

Find a participant

DS Dr. Sakshi Kalra (Co-host, me)

Rajeev Saha (Host)

AP Ashish Pandey (Co-host)

RT Ritika Thusoo (Co-host)

K karmal (Co-host)

DR Dr. Rajeev Saha

DS Dr. Sheilza Jain

100196 Alka Rawat

2 20001901005

AT Anmol Tyagi

Deepak Kumar

Dr Dharam Vir

Dr Rupali Madan

Invite Mute All

Chat

3:28 PM 7/24/2021