

**Report of**  
**One Day National Workshop**  
**On**  
**Research Methodology for Basic**  
**Sciences**

**31<sup>st</sup> July 2021, Saturday**

**Organized by**  
**Internal Quality Assurance Cell,**  
**SCIENCE COLLEGE, NANDED**

**Nanded 431605**

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सायन्स कॉलेज, नांदेड

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**Convenor:**

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*Principal*  
*Science College, Nanded*

**Organizing Secretary:**

**Dr. Mrs. V. V. Kulkarni**  
*IQAC, Co-Ordinator*  
*Science College, Nanded*

**Joint Organizing Secretary:**

**Dr. Mrs. P. S. Borkar**  
**Dr.MohseenaThaseen**

## **Organizing Committee**

<b>Dr. D. D. Pawar</b>	<b>Dr. S. R. Pingalkar</b>	<b>Dr. B. D. Gachande</b>
<b>Dr. S. L. Jadhav</b>	<b>Mrs.V. D.Borgaonkar</b>	<b>Dr. K. S. Shillewar</b>
<b>Dr.Mrs. A. R. Shukla</b>	<b>Dr. A. P. Borikar</b>	<b>Dr. A. S. Bansode</b>
<b>Dr. D. R. Munde</b>	<b>Dr. L. P. Shinde</b>	<b>Dr. V. R. Marathe</b>
<b>Dr. K. R. Gaikwad</b>	<b>Dr. P. M. Patil</b>	<b>Dr. M. M. V. Baig</b>

## **Resource Person**

### **Dr. Sarika Sawant**

Assistant Professor

SHPT School of Library Science, SNDT Women's University  
Mumbai

Topic :( Writing Research Paper, Choice of Journals and  
Assessing Impact Factor)

### **Mr. VijaykiranNarwade**

Researcher and Guest Assistant Professor at School of Physical  
Sciences, S.R.T.M. University, Nanded

Topic :(How to prepare proposal to get foreign & Indian research  
scholarships)

## **THE COLLEGE...**

Poojya Swami Ramanand Teerth established “Nanded Education Society” in 1950 for catalyzing educational revolution in backward region of this Marathwada. N.E.S. Science College, a single faculty college of Nanded Education Society is one of the premier institution imparting quality educations to the students of this region since last 67 years. Swamiji in his vision of society emphasized the incorporation of spirit of enlightened and responsible citizenship in youth, essential for secular democratic India. The college is always poised to offer emerging contemporary education to the learners to fulfill the need of society as well as to meet global challenges. This institution has been on the forefront in pursuit of academic excellence and has attended potential for excellence (CPE) status from UGC. The college is DST-FIST sponsored and recently awarded as BEST COLLEGE AWARD by Swami Ramanand Teerth Marathwada University, Nanded.

The main objective and mission of college is overall development of students in all respect like academic, physical, mental, spiritual and moral to build up good citizen for the Republic of India. The college has lush green campus of 45 acres of land for curricular and co-curricular activities for stakeholders. The college offers 15 programs at UG level and 30-subject combinations. To keep pace with the advancement and diversification in the field of science and technology some applied subjects like integrated Computer Science, Biotechnology at UG, M.Sc. Biotechnology; and Herbal Medicine at PG level have been introduced.

## **About the Workshop**

Research is a difficult vocation in which the goal is to discover truths through scientific and systematic inquiry. The research's ultimate goal is to seek information, generate new knowledge, and propose practical solutions to the difficulties that the human race faces. In various academic disciplines, such as life Science, Education, Computer Science, Mathematics, Public Health, Library studies, Biological Studies and all science streams as research, aspirants involved in research activities are typically exposed to a course Research Methodology. Therefore, the course will be taught with different

approach and perspectives. In this context, a One Day National Workshop On Research Methodology for Basic Sciences specifically designed to provide hands on training to the students enrolled for research program recently, and those who face certain challenges to kick-start the process of research systematically. This workshop is focused on the topics complementary to the content mentioned in the syllabus, leading to a good beginning towards success.

### **Objectives of National Workshop**

- To train the student in their early stage of research, to carry out research activity using recent techniques in order to achieve high degree of productivity.
- To familiarize with powerful tools for literature survey and, management skills, ethical issues, etc.
- To provide the introduction to the key features of the readily available packages for computational studies and scientific writing.
- To give exposure to the software packages useful in preparing original visuals and illustrations.
- To aspire the scholars with basic skill sets required for quality research output such as effective communication, and presentation, etc.
- Topics covered : 1. Writing Research Paper, Choice of Journals and Assessing Impact Factor 2. How to prepare proposal to get foreign & Indian research scholarships.

## Resource Person Brief Introduction

### Dr. Sarika Sawant

Assistant Professor

SHPT School of Library Science, SNTD Women's University Mumbai

**Topic: Writing Research Paper, Choice of Journals & Assessing Impact Factor.**

- She is Assistant Professor of SHPT School of Library Science, SNTD Women's University since Sept 2004. She completed her BLISc from Shivaji University in 2001, MLISc from SNTD WU in May 2002 and obtained her PhD in 2010. She has a degree of MSc in Biochemistry from Shivaji University in 2000 also.
- She is PhD supervisor, guiding at present 4 students and one is awarded with PhD degree and another submitted.
- She has 42 International and National publications to her credit. Her publications are in high impact Scopus and WoS indexed journals such as Journal of Academic Librarianship, OCLC Systems & Services, Program: electronic library and information systems, Library Hi Tech, Annals of library and information studies, Collection Building etc. She was the principal investigator in 3 research Projects, funded by various government funding agencies. She has received 271 citations for her publications, 1 collaborative book project for BRICS countries, edited 3 conference proceedings, 43 papers published in edited books/Seminar/Conference Proceedings and deposited 40 preprints of conference, journal papers in e-LIS repository, archived 45 presentations in slide-share which has more than 177,000 views as on date.
- She is a recipient of various awards and Honours from prestigious institutions. Such as Attendance Grant Award on behalf of Asia Pacific to participate in International Federation Library Association Conference (IFLA) highly rated library science conference which was held at Columbus, Ohio, USA during Aug 13-19, 2016. She had participated and presented a research paper and poster in IFLA 2018, Malaysia. She also received UGC Unassigned grant to travel to Austria for the conference.

- Recently she was invited as a panellist on behalf of South & Central Asia to participate in a panel discussion on the occasion of ALA National Lib week organised by U.S. Embassy in association with ten American Spaces in South Asia Region.
- Dr. Sawant has successfully done 17 certificate courses from Coursera and one on Understanding Open Educational Resources (OER) from Commonwealth of Learning.
- She represents on various committees of university as well as served 25 times in her capacity as org secretary, org committee member, rapporteur etc of various conferences and seminars.
- She is associated with FOURTEEN Universities of India in connection with Lectures, Training, and Assessment, PhD referee etc.
- She is on the editorial board of Sage Open a International peer reviewed journal and Guest peer reviewer of The Journal of Academic Librarianship.
- Dr. Sawant has delivered more than 92 expert talks on various topics such as Research, Publications in journals, Copyright issues, Publication misconduct, Open access resources, ICT tools and so on.

### **Mr. VijaykiranNarwade**

Researcher and Guest Assistant Professor at School of Physical Sciences, S.R.T.M. University, Nanded

### **Topic : (How to prepare proposal to get foreign & Indian research scholarships)**

#### Previous work experience

1. September 2015 –July 2017 – Ph.D. mobility student worked at Faculty of Mechanical Engineering, University of Maribor, Slovenia.
2. July 2017 –December 2017 – Ph.D. visiting student at Faculty of Mechanical Engineering, University of Maribor, Slovenia.
3. September 2018 –November 2018 – PhD researcher at Department of Inorganic chemistry, Faculty of Natural sciences, Comenius University, Bratislava, Slovakia.

Books chapter 1. Narwade, V. N., Pottathara, Y. B., Begum, S., Khairnar, R. S., & Bogle, K. A. (2020). Cellulose Based Bio Polymers: Synthesis, Functionalization and Applications in Heavy Metal Adsorption. In Biofibers and Biopolymers for

Biocomposites(pp. 247-257). Springer, Cham. 2. Khairnar, R. S., Narwade, V. N., &Kokol, V. (2018). Nanostructured bioceramics and applications. *Fundamental Biomaterials: Ceramics*, 251. 3. Narwade, Vijaykiran N., Yasir BeeranPottathara, Sumayya Begum, Madhuri A. Lakhane, Hanuma Reddy Tiyyagura, Rajendra S. Khairnar, and Kashinath A. Bogle. "Nanostructured hydroxyapatite biomaterial as a gas sensor." In *Nanoscale Processing*, pp. 439-466. Elsevier, 2021. 4. Narwade, Vijaykiran N., Hanuma Reddy Tiyyagura, Yasir BeeranPottathara, Madhuri A. Lakhane, Indrani Banerjee, Vipul Kusumkar, Michal Galambos, Eva Viglašová, Ravindra Mene and Kashinath A. Bogle. "Nanocellulose for gas sensor application. " In *Nanoelectronics book (Springer) Accepted Conference Proceedings* 1. Halge, Devidas I., Vijaykiran N. Narwade, Pooja M. Khanzode, Jagdish W. Dadge, Abhimanyu S. Rana, and Kashinath A. Bogle. "Spray coated nano-crystalline lead sulfide thin film for photo-detector application." In *AIP Conference Proceedings*, vol. 2220, no. 1, p. 020021. AIP Publishing LLC, 2020.

2. Taha, Sabah, Sumayya Begum, Vijaykiran N. Narwade, DevidasHalge, Jagdish W. Dadge, Megha P. Mahabole, Rajendra S. Khairnar, and Kashinath A. Bogle. "Titanium dioxide nanostructure based alcohol vapor sensor." In *AIP Conference Proceedings*, vol. 2220, no. 1, p. 020195. AIP Publishing LLC, 2020.

3. Halge, Devidas I., Pooja M. Khanzode, Vijaykiran N. Narwade, Sumayya Begum, Shivaji G. Munde, Kiran D. More, Janez Kovac, Jagdish W. Dadge, Abhimanyu S. Rana, and Kashinath A. Bogle. "Utilization of spray coated nano-crystalline cadmium sulfide thin film for photo-detector application." In *AIP Conference Proceedings*, vol. 2269, no. 1, p. 030105. AIP Publishing LLC, 2020. 4. Khanzode, Pooja M., Devidas I. Halge, Vijaykiran N. Narwade, Kiran D. More, Sumayya Begum, Sabah Taha, Suhas M. Jejurikar, and Kashinath A. Bogle. "Paper based photo-detector using nano-crystalline lead sulfide thin film." In *AIP Conference Proceedings*, vol. 2269, no. 1, p. 030104. AIP Publishing LLC,

## **The outcomes of One Day National Workshop on Research Methodology for Basic Sciences:**

### **Target Participants**

Academicians, Research scholars & Students

A maximum of 100 students are selected for the workshop on First-Come-First-Serve basis.

### **Preparation and Planning Meeting Conducted**

On 23<sup>th</sup> July 2021 IQAC scheduled one Day National Workshop on Research Methodology for Basic Sciences thereafter the planning was in execution. Resource persons give their dates of delivery of lecture on their respective above said topics

Next the permission for date finalization i.e. 31<sup>st</sup> July 2021 with convener was held along with organizing team

### **Organizing team consists of following with their work distribution**

- Resource Persons finalization by Dr. V. V. Kulkarni & Dr. Mohseena Thaseen
- Welcome of dignitaries by Dr. Prita Borkar
- Brief of National Workshop by Dr. V. V. Kulkarni
- Welcome Address by Prin. Dr. D. U. Gawai
- Introduction of the speaker Dr. Sarika Sawant by Dr. A.S. Bansode
- Introduction of the speaker - Shri. Vijaykiran N. Narwade by Dr. A.S. Bansode
- Vote of thanks by Dr. V. R. Marathe
- Feedback and Certificate by Dr. K. R. Gaikwad
- Report writing by Dr. Mohseena Thaseen

### **Call for Participation:**

All the participants were informed by *whatsapp* message, which includes telegram chat link for further information of the event and circular attached to it. However, message was circulated, with an overwhelming response to this E-Media and social media platform.

## **E- Material Prepared for One Day National Workshop on Research Methodology for Basic Sciences**

### **1. WhatsApp Message used for calling participants:**

Dear Sir/ Madam,

Greetings from,

Nanded Education Society's Science College, Nanded (Re-accredited with "A" grade by NAAC with CGPA 3.38, DST-FIST, CPE Status, Best College Award) Sneh Nagar, Nanded, Maharashtra

The IQAC is going to organize

"One Day Online National Workshop on Research Methodology for Basic Sciences"

□ Programme Schedule □

Date: 31/07/2021

11.00 am - 11.30 pm : Inauguration

11.30 am - 01.30 pm : Lecture – I :- Dr. Sarika Sawant

Topic: Writing Research paper, Choice of Journals and Assessing Impact Factor.

01.30 pm - 02.30 pm : Lecture – II :- Vijaykiran N. Narwade

Topic: How to prepare proposal to get foreign & Indian research scholarships.

You are cordially invited to participate in the workshop,

registration link: <https://forms.gle/2rcKJArgujwUWm7H6>

Telegram Link: <https://t.me/joinchat/sPN9kymOISo1MWQ1>

E-certificate will be issued to the participants after obtaining the feedback on the workshop.

Thanks and Regards

Principal

Dr. D. U. Gawai

Science College, Nanded

## 2. Links Generated for workshop

(a) Registration link: <https://forms.gle/2rcKJArgujwUWm7H6>

(b) Telegram Link: <https://t.me/joinchat/sPN9kymOISo1MWQ1>

(c) zoom platform –workshop link

: <https://us02web.zoom.us/j/87601364938?pwd=V1FCOHljeE81MWpxRTE1b0pTanl5QT09>

(d) Feedback

( e) Streaming /YouTube /Facebook :

## 3. Miscellanies :

Apart from the above link designing of certificate, invitation to Resource Person, welcome slides Preparation of Schedule, E-Content Finalization etc...

## **Inauguration function:**

The program was initiated on Zoom Platform Date : 31/07/2021 at time :11.00 am sharp with 100 participants in zoom & live streaming participants,

Then formal welcome by Dr. Prita Borkar Jt.Organizing secretary of President Hon. Dr. Venkatesh R. Kabde, sir, President, Nanded Education Society's, Nanded, **Chief Guest Hon. C.A Dr.Pravin Patil, Vice –President**, Nanded Education Society, Nanded Respected Dr.D.U Gawai Sir Principal & Convener, Dr.V.V.Kulkarni Organizing Secretary , Resource Person Dr. Sarika Sawant Asst Professor SHPT School of Library Science, SNDT Women's University Mumbai and Mr. Vijaykiran Narwade Researcher and Guest Assistant Professor at School of Physical Sciences, S.R.T.M. University, Nanded.

Organizing Secretary: Dr. Mrs. V. V. Kulkarni IQAC, Coordinator, Science College, Nanded briefed the workshop with its aims and objectives and ensured all participants this workshop will be adding knowledge to them, however speakers were from two different states research methodology basic for science we be universal .

Followed by principal's address by Prof.Dr.D.U.Gawai Sir, NES Science College, Nanded, Introducing College to all workshop gathering

Followed by presidential address by Hon. Dr. Venkatesh Kabde(President, Nanded Education Society,Nanded). Sir Encourage all researchers, Supervisors, Young Youth to give their best to nature by science through Research methodology .and officially declaration of workshop inauguration

Dr. V. R. Marathe Introduced the speaker Dr. Sarika Sawant for topic: Writing Research Paper, Choice of Journals and Assessing Impact Factor.

Dr. Sarika Sawant took very informative session covering all the aspects of writing research paper choice of journals and assessing impact factor.

Dr. V. R. Marathe introduced the speaker Mr.Vijaykiran N. Narwade for topic : How to prepare proposal to get foreign & Indian research scholarships.

Mr.Vijaykiran N. Narwade took the session, as both the sessions were highly appreciated by participants for informative sessions .

Then followed by Vote of thanks by Dr. A. R. Shukla and Feedback and Certificate distribution was taken by Dr. K. R. Gaikwad.



## SCIENCE COLLEGE, NANDED

(RE-ACCREDITED WITH "A" GRADE BY NAAC WITH 2019-2021  
BET-FIT, OPE Status, Best College Award)

*One Day National Workshop*

On

## Research Methodology for Basic Sciences

Date: 11/07/2021, Saturday

- 11.00 am - 11.30 pm : Inauguration  
11.30 am - 12.40 pm : Lecture - I - Dr. Sarika Sawant  
Topic: Writing Research Paper, Choice of Journals  
and Assessing Impact Factor.  
01.00 pm - 02.00 pm : Lecture - II - Vijaykiran H. Narwade  
Topic: How to prepare proposal to get foreign & Indian  
research scholarships.

### Program Sheet

Sl. No.	Time	Event
1	11.00 am - 11.30 am	Welcome of dignitaries by Dr. Priya Barkar
2	11.30 am - 11.35 am	Inauguration of National Workshop by Dr. V. R. Marathe
3	11.35 am - 11.45 am	Welcome Address by Prin. Dr. D. U. Gawai
4	11.45 am - 11.55 am	Speech of Chief Guest and Inaugurator
5	11.55 am - 12.05 pm	Presidential Address
6	12.05 pm - 12.30 pm	Introduction of the speaker Dr. Sarika Sawant by Dr. A.S. Ramade
7	12.30 pm - 12.40 pm	Lecture - I - Dr. Sarika Sawant
8	12.55 pm - 1.00 pm	Introduction of the speaker - Dr. Vijaykiran H. Narwade Dr. A.S. Ramade
9	1.00 pm - 2.00 pm	Lecture - II - Vijaykiran H. Narwade
10	2.30	Vote of thanks by Dr. V. R. Marathe
11	Feed back and Certificate	Dr. K. R. Galwad

Planning to Conduct Workshop



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(Re-accredited with "A" grade by NAAC with CGPA 3.38,  
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P. O. Box No. 62, Sneh Nagar, Nanded - 431605

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

Email: [principal@sciencecollegenand.org](mailto:principal@sciencecollegenand.org)

### ABOUT THE WORKSHOP

This workshop focuses on the Research Methodology for Basic Sciences like Physics, Chemistry, Biology, Mathematics, etc.

#### Objectives of the workshop:

1. To learn how to write a research paper.
2. How to select the proper research journal for publication.
3. To know about how to assess impact factor of journals.
4. To acquire skill of writing proposals to get the foreign and Indian scholarships.

#### CHIEF GUESTS

**Hon. Dr. Venkatesh Kabde**  
(President, Nanded Education Society,  
Nanded)

**Hon. C.A. Dr. Pravin Patil**  
(Vice-President, Nanded Education  
Society, Nanded)

**Hon. Mrs. Shyamal Patki**  
(Secretary, Nanded Education Society,  
Nanded)

**Hon. Prafulla Kumar Agrawal**  
(Joint-Secretary, Nanded Education  
Society, Nanded)

#### REGISTRATION LINK:

<https://forms.gle/2rcKJArguiwUWm7H5>

For further communication join: Telegram Link:

<https://t.me/joinchat/sPN9kvmQISo1MWQ1>

**No registration fees**

Target group: Academicians, Research scholars & Students.

### One Day National Workshop

On

## Research Methodology for Basic Sciences

Organized by

Internal Quality Assurance Cell,

**SCIENCE COLLEGE, NANDED**

### Program Schedule

Date: 31/07/2021, Saturday

- 11.00 am - 11.30 pm : Inauguration
- 11.30 am - 12.40 pm : Lecture - I - Dr. Sarika Sawant  
Topic: *Writing Research Paper, Choice of Journals and Assessing Impact Factor.*
- 01.00 pm - 02.00 pm : Lecture - II - Mr. Vijaykiran Narwade  
Topic: *How to prepare proposal to get foreign & Indian research scholarships.*

Convener: Dr. D. U. Gawai  
Principal, Science College, Nanded.

Organizing Secretary: Dr. Mrs. V. V. Kulkarni  
IQAC, Co-Ordinator  
Science College, Nanded.

Joint Organizing Secretary: Dr. Mrs. P. S. Borkar  
Dr. Mohseena Thaseen

### ORGANIZING COMMITTEE

Dr. D. D. Pawar	Dr. S. R. Pingalkar	Dr. B. D. Gachande
Dr. S. L. Jadhav	Mrs. V. D. Borgaonkar	Dr. K. S. Shilwar
Dr. Mrs. A. R. Shukla	Dr. A. P. Borikar	Dr. A. S. Bansode
Dr. D. R. Munde	Dr. L. P. Shinde	Dr. V. R. Marathe
Dr. K. R. Galkwad	Dr. P. M. Patil	Dr. M. M. V. Baig

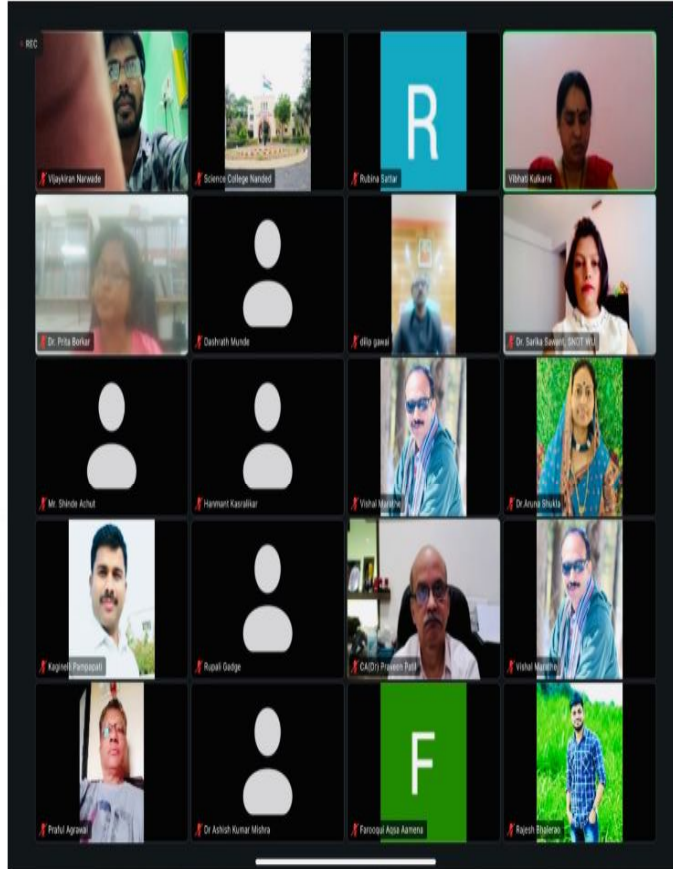
Circular /Leaf Let /Flyer

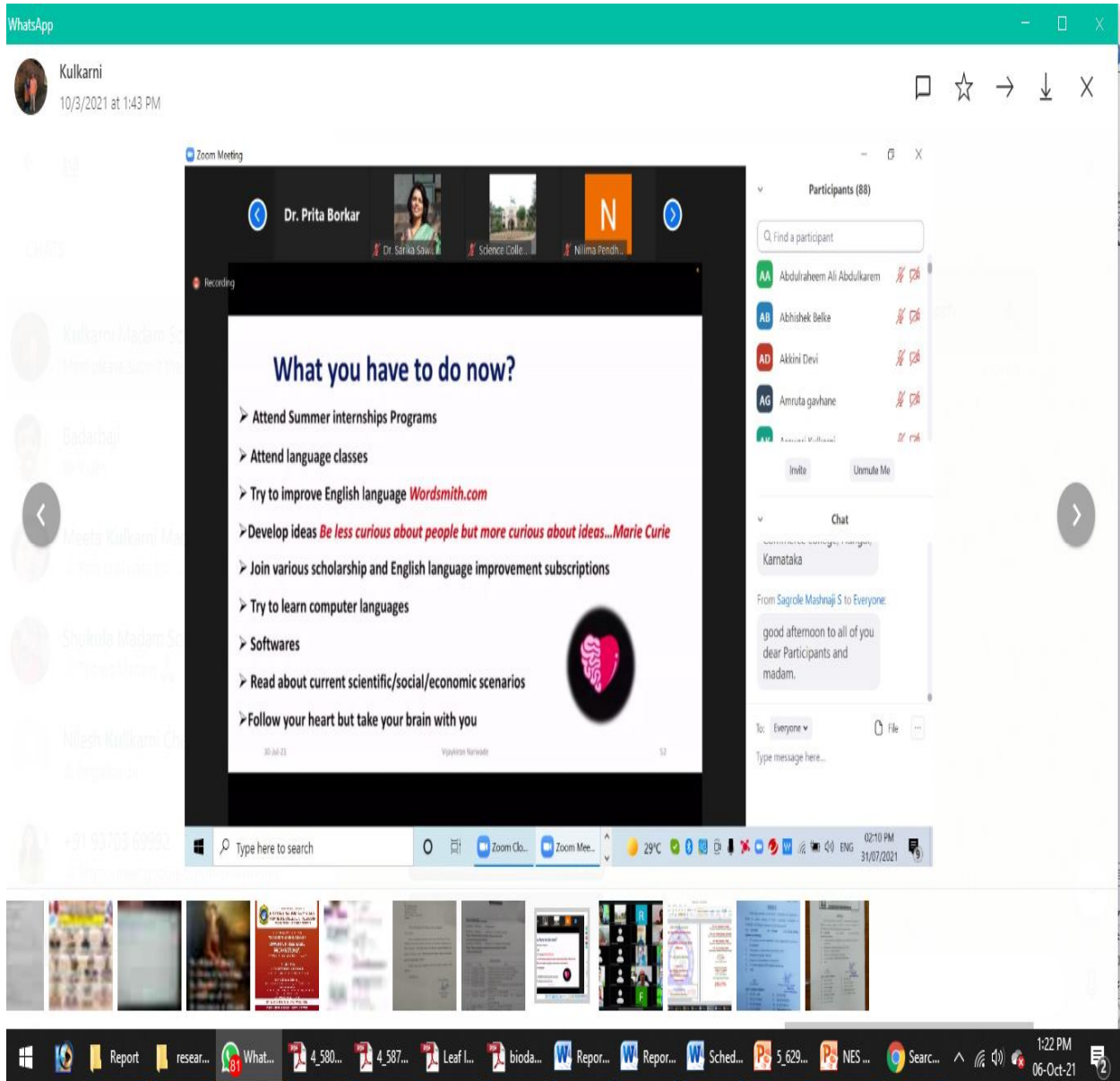
WhatsApp



Kulkarni

10/4/2021 at 2:27 PM





Glimpse of workshop



Telegram – Chat Room for coordinating Participants

IQAC Coordinator

Principal