



A Report
On
One Day National Seminar
On
INTELLECTUAL PROPERTY RIGHTS
(IPR)
AND PATENT FILING

13th April 2022

Time: 11 a.m.

Venue: Zoom Platform

Resource Person:

Dr. M. M. Betkar

Principal,

Shri kumarswami Mahavidyalaya, Ausa

Organized by

Internal Quality Assurance Cell,

N.E.S. SCIENCE COLLEGE, NANDED

(Re-accredited by NAAC with 'A' grade (CGPA 3.38), CPE Status)

P.O.Box No. 62, Sneh Nagar, Nanded -43 1605.

Web: www.sciencecollegenanded.org.

Patrons:

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President,
Nanded Education Society, Nanded,

Hon. CA Dr. Pravin Patil

Vice President,
Nanded Education Society, Nanded,

Hon. Mrs. Shyamal D.Patki

Secretary,
Nanded Education Society, Nanded,

Hon. Ad. Praful Agrawal

Joint Secretary,
Nanded Education Society, Nanded,

President of Inaugural Function

Hon. CA Dr. Pravin Patil

Vice President,
Nanded Education Society, Nanded,

Chief-guest of Inaugural Function

Dr. M. M. Betkar

Principal,
Shri kumarswami Mahavidyalaya, AUSA

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

Co-Convener:

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Vice-Principal
Science College, Nanded

Shri. E.M. Khillare
Vice-Principal
Science College, Nanded

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Dr. Mrs. Vibhati V. Kulkarni
Co-ordinator, IQAC

Joint Organizing Secretary:

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HOD Department of Mathematics and
Applied Mathematics

Dr. Mrs. S.S. Modi
Computer Science Department of
Assistant Professor

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Dr. K. R. Gaikwad
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Dr. M. M. V. Baig
Mrs. Shilpa Emekar
Shri. Gautam Waghmare



R.No. F-12, 1962, 26/06/1960
UMF 1261, 13/10/1961

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NIRF Ranking-72 (Year - 2017), Best College award SRTMUN)

P.O. Box No.62, Sneh Nagar, Nanded - 431605 (MS, India) P (C) 02462-251648, 250465 Fax.02462-250465

Email : sciencecollege1950@gmail.com Web : www.sciencecollegenanded.org

Outward no.- 1480

Date: 12/04/2022

To,

Dr. M.M. Betkar

Principal, Shri KumarswamiMahavidyalaya,

Ausa.

Subject: **Invitation as Resource Person for "One Day National Seminar On Intellectual Property Rights (IPR) and Patent Filing"**

Respected Sir,

We are delighted to invite you as a resource person for "One Day National Seminar on Intellectual Property Rights (IPR) and Patent Filing" organized by IQAC, Science College on **D. 13/04/2022, at 11:00 a.m.**

We look forward to meeting you at the one-day workshop.

Principal,
Science College, Nanded
PRINCIPAL

N. S. Science College, Nanded



NANDED EDUCATION SOCIETY'S

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Email : sciencecollege1950@gmail.com Web : www.sciencecollegenanded.org

B.No. E-12, 1963, 24/06/1980
UNIF 1263, 13/10/1961

Ref. No.: SCN/2021-22/1505

Date: 19/04/2022

To,

Dr. M.M. Betkar

Principal,

Shri Kumarswami Mahavidyalaya,

Ausa

Subject: **Letter of thanks for the expert talk.**

Dear Sir,

We are thanking for accepting our invitation for delivering an expert talk in "One Day National Seminar on Intellectual Property Rights (IPR) and Patent Filing" on 9th April, 2022. The session was really helpful for the academic career development of the participants.

Thanking you and looking forward to your more such sessions.

Principal,

Science College, Nanded

PRINCIPAL

N. S. Science College, Nanded

Vision: "To Educate and Transform the Youths to Touch Life at All Points with Human Values."

Brochure:



Patrons:
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 Vice President,
 Nanded Education
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Hon. Mrs. Shyamal B. Patil
 Secretary,
 Nanded Education
 Society, Nanded

Ad. Praful Agrawal,
 Joint Secretary,
 Nanded Education
 Society, Nanded

President of Inaugural Function
Hon. CA Dr. Pravin Patil
 Vice President,
 Nanded Education
 Society, Nanded

Chief Guest of Inaugural Function
Dr. M. M. Betkar
 Principal,
 Sri. Kumarswami Mahavidyalaya, Ausa

Convener:
Dr. B. U. Gawal,
 Principal,
 Science College, Nanded

Co-Convener:
Dr. D. D. Pawar
 Vice-Principal,
 Science College, Nanded

Smt. S. M. Khilwani
 Vice-Principal,
 Science College, Nanded

Organizing Secretary:
 Dr. Mrs. Shweta V. Kulkarni
 Co-ordinator, IQAC

Joint Organizing Secretary:
 Mrs. V. H. Borgooonkar
 HOD Department of Botany (HOD-III)
 Applied Mathematics

Dr. Mrs. S. S. Modi
 Computer Science Department of
 Assistant Professor

**Nanded Education Society's
 SCIENCE COLLEGE, NANDED**

Phone: 0242-292 882, 281 882
www.nandededucationcollege.org



**One Day National Seminar
 On
 INTELLECTUAL PROPERTY RIGHTS
 (IPR)
 AND PATENT FILING**

Organized by
 Internal Quality Assurance Cell,
 Science College,
 Nanded-431105

13th April, 2022
 Time: 10 am
 Venue: Pabharhi
 Resolving Cell: Professor
Dr. M. M. Betkar
 Principal,
 Sri. Kumarswami Mahavidyalaya, Ausa

THE COLLEGE...

N.E.S. Science College, Nanded is single faculty college, founded by a great visionary and leader of Hyderabad liberation struggle, Pooja Swami Ramchand Teath. The College is Re-accredited with 'A' grade by NAAC with CGPA 3.30 in 3rd Cycle. It has secured NIRF-72nd rank in 2017, DST-FIST, Best College award of BRTMUN in 2016 and also awarded with "College with Potential for Excellence (CPE)" by UGC.



Registration Link:
<https://forms.gle/ST36UDeX3XpoYuR6>

Telegram Link:
<https://t.me/+haw7@LXSWRMTBI>

Online Inaugural function link
Time: April 13, 2022 11:00 AM India
Join Zoom Meeting:
<https://us02web.zoom.us/j/83763159550?pwd=VKA4N2VYVjF6aWZlQ0pJcm5kZW50OT09>

Meeting ID: 843 2511 5437
Passcode: 706092

Organizing Committee:

Dr. B. D. Dabhande
 Dr. S. R. Pingalkar
 Dr. A. S. Bansode
 Dr. D. D. Munde
 Dr. Mrs. P. S. Barkar
 Dr. L.P. Shinde
 Dr. Mrs. K.R. Shukla
 Dr. S. L. Jadhav
 Dr. A.T. Shinde
 Dr. Mrs. V. D. Borgooonkar
 Dr. V. R. Marathe
 Dr. K. S. Shilewar
 Dr. K. R. Galwad
 Dr. P. M. Patil
 Dr. M. M. V. Bueg
 Mrs. Shilpa Emekar
 Smt. Gautam Waghmare

Objectives of Seminar:

1. To provide basic & valuable information about IPRs.
2. To know how to stimulate the innovation ecosystem with the help of IPRs.
3. To acquire the information about the career opportunities in IPRs.
4. To understand how to incorporate an organization's intellectual property into start-up and incubation centers.

Target Group:
 Academicians, Research scholars & PG Students.

For registration link
 *Participants will get zoom meeting link in Telegram group.
 *E-certificates will be given to the registered participants.



Certificate:



**Nanded Education Society's
SCIENCE COLLEGE, NANDED**
(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(Reaccredited with "A" grade by NAAC with (CGPA 3.38) 3rd Cycle, CPE Status,
DST-FIST, Best College Award (SRTMUN))



Certificate



OF PARTICIPATION

PROUDLY PRESENT TO
Dr./Mr./Ms./Mrs. _____
of _____ for
participation in "One Day National Seminar On Intellectual
Property Rights (IPR) and Patent Filing," organized by IQAC,
Science College, Nanded on 13/04/2022.



Organizing Secretary
Dr. Mrs. V.V. Kulkarni
IQAC Coordinator




Convenor
Dr. D.U. Gawai
Principal

SCIENCE COLLEGE, NANDED Certificate No. _____



Resume of resource person:

RESOURCE PERSON							
+	<table border="1"> <tr> <td style="text-align: center;">Name / Designation</td> <td>Dr. BETKAR M. M. Principal, Shri Kumarswami Mahavidyalaya, Ausa</td> </tr> <tr> <td style="text-align: center;">Educational Qualification</td> <td>M.Sc. (Physics), Ph. D.</td> </tr> <tr> <td style="text-align: center;">Teaching Experience</td> <td>30 Years</td> </tr> </table>	Name / Designation	Dr. BETKAR M. M. Principal, Shri Kumarswami Mahavidyalaya, Ausa	Educational Qualification	M.Sc. (Physics), Ph. D.	Teaching Experience	30 Years
Name / Designation	Dr. BETKAR M. M. Principal, Shri Kumarswami Mahavidyalaya, Ausa						
Educational Qualification	M.Sc. (Physics), Ph. D.						
Teaching Experience	30 Years						
							
+	More than 200 invited Talks on Patent System in India & NAAC Process						
+	07 Patents - Indian / International Classified						
+	More than 50 Research Papers Published National & International level journals						
+	01- Book Published entitled, 'Simple Steps In SSR Preparation'						
+	02- International Conference Presentations- 1. Jakarta, Indonesia -2013 2. Phuket, Thailand. -2016						
+	Keynote speaker of International conference Singapore -2018						
+	04 -Awards / Recognition <table border="1" style="margin-left: 20px;"> <tr> <td>1) BEST PRINCIPAL -2021 -SRTM University</td> </tr> <tr> <td>2) Gold Medal- 'AVISHKAR' State Level Inter-University Research Competition-2013.</td> </tr> <tr> <td>3) Principal of The Year-2018 IASR- Kolkata.</td> </tr> <tr> <td>4) Best Teacher- Gurukul Dream IAS Centre, Solapur (2018)</td> </tr> </table>	1) BEST PRINCIPAL -2021 -SRTM University	2) Gold Medal- 'AVISHKAR' State Level Inter-University Research Competition-2013.	3) Principal of The Year-2018 IASR- Kolkata.	4) Best Teacher- Gurukul Dream IAS Centre, Solapur (2018)		
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+	06- Editorial Board Membership of Journals International Journals, abroad India.						
+	Research Supervisor- 01-Student working for Ph. D.						
+	All India Radio Speeches-05 on Science Day and other subjects.						
+	More than 450 International/ National Webinars Organized from last two years						
+	Applied for International World Record & Limca Book Record						

Schedule of the seminar:

Sr.No.	Time	Event
1	11.00 am	Welcome of Dignitaries Dr. Mrs. Vibhati V. Kulkarni
2	11.05 am	Brief about the seminar Dr.S.S. Modi
3	11.10am	Presidential Address by Dr. D.U. Gawai Principal & Convener
4	11.15 am to 11.20 am	Introduction of Resource Person
5	11.20 am to 12.10 pm	Dr. M.M. Betkar
6	12.10 pm to 12.15 pm	Vote of Thanks by Dr. Mrs.Vibhati V. Kulkarni



R.No. F-12, 1962, 26/06/1960
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Ref. No.: SCN/2021-22/1505

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Thanking you and looking forward to your more such sessions.

Principal,

Science College, Nanded

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N. E. S. Science College, Nanded



NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED

(Re-accredited by NAAC with 'A' Grade in Third cycle (CGPA 3.38)
DST-FIST, UGC-CPE Status

Ph. D. Course Work

(09/10/2021 to 31/10/2021)

Course Coordinator
Dr. Vishal Rajkumar Marathe
Assistant Professor,
Department of Botany
NES Science College, Nanded-431605



Nanded Education Society's
SCIENCE COLLEGE,
NANDED



Ph. D. Course Work - 2021

(Duration 9th Oct. to 31st Oct. 2021)

Sponsored by
Swami Ramanand Teerth Marathwada
University, Nanded.

Organized by

RESEARCH COMMITTEE,

Science College, Nanded

(Re-accredited with "A" grade by NAAC with CGPA 3.38,
DST-FIST, CPE Status, Best College Award)
P. O. Box No. 62, Sneh Nagar, Nanded - 431605

Website: www.sciencecollegenanded.org
Email: sciencecollege1950@gmail.com

Patrons

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Vice-President,
Nanded Education Society, Nanded

Hon. Mrs. Shyamal Patki
Secretary,
Nanded Education Society, Nanded

Hon. Prafullakumar Agrawal
Joint-Secretary,
Nanded Education Society, Nanded

Organizing Committee

Convener :

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

Course Coordinator :

Dr. Vishal R. Marathe
Asst. Prof., Science College, Nanded.

Course Joint coordinator :

Dr. K. S. Shillewar

Organizing Committee Members

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Dr. S. R. Pingalkar

Dr. B. D. Gachande

Dr. S. L. Jadhav

Dr. A. T. Shinde

Dr. Mrs. V. V. Kulkarni

Dr. A. P. Borikar

Shri. E. M. Khillare

Dr. Mrs. A. R. Shukla

Mrs. V. D. Borgaonkar

Shri. G. S. Ghatole

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Dr. A. S. Kadam

Dr. B. S. Survase

Dr. S. S. Nanware

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Dr. M. K. Patil

Dr. P. S. Wakte

Dr. S. J. Wadher

Dr. S. P. Gaikwad

Dr. D. D. Pawar

Dr. B. S. Dawane

Dr. K. Vijaykumar

ABOUT COLLEGE

Poojya Swami Ramanand Teerth established "Nanded Education Society" in 1950 for catalyzing educational revolution in backward region of Marathwada. Science College is one of the premier institute of this region. It is single faculty college imparting quality education to the students of this region since last 70 years. The college is always ready 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. Reaccredited with 'A' grade by NAAC with CGPA 3.38 and received college with potential for excellence (CPE) status from UGC. The college is under DST-FIST programme and recently awarded as Best College Award by Swami Ramanand Teerth Marathwada University, Nanded.

About Research centre

We have university recognized research centers in Botany, Mathematics, Chemistry, Physics and Zoology. Presently 110 research scholars presently pursuing their research work for Ph.D. Institution provides excellent facility with well equipped research laboratories at PG departments. College has also extended research facility to 35 research guides from different institutes of our university jurisdiction. From the inception, more than 175 students received Ph.D. degree under the able guidance of our faculty. College has well equipped Central Instrumentation Laboratory with following sophisticated instruments -

- HPTLC
- FTIR – Fourier Transform IR Spectrophotometer
- UV-Visible Double Beam Spectrophotometer
- Cooling Centrifuge
- Digital Live Imaging Microscope, PCR

Inaugural Function

**Date: 09 October, 2021
(Saturday)**

Time: 11.00 am

President of the Function

Hon. CA. Dr. Pravin Patil
Vice-President,

Nanded Education Society, Nanded

Inaugurator

Dr. L. M. Waghmare
Dean, Science and Technology
S.R.T.M. University, Nanded

Chief Guest

Dr. Vijay Wagh
Senior Scientist
National Botanical Research Institute, Lucknow

Convener

Prof. Dr. D. U. Gawai
Principal,
N.E.S. Science College, Nanded.

Course Coordinator

Dr. V. R. Marathe
Convener, Research Committee
N.E.S. Science College, Nanded.

Time Table of Ph. D. Course Work – 2021
Classroom: Zoom Online meeting platform

Day	Date & Time	11:00-12:00	12:00-01:00	01:00-02:00	03:00-04:00	04:00-05:00	05:00-07:00	
1	09/10/2021 (SAT)	Insauguration	Introduction Course work (VRM)		RPE-I (VVK)	CA (Dr. Duve)	Assignment	
2	10/10/2021 (SUN)	RM-III(AG)	RM-III(AG)	CA (Dr. Duve)	RPE-I (VVK)	RM-VI (Mirza)	Assignment	
3	11/10/2021 (MON)	RM-II(SSD)	RM-II(SSD)	CA (Dr. Duve)	RPE-II (MMV)	RPE-II (MMV)	Assignment	
4	12/10/2021 (TUE)	RM-II(SSD)	RM-II(SSD)	CA (Dr. Duve)	RPE-VI (Mirza)	RM-I (VRM)	Assignment	
5	13/10/2021 (WED)	RM-IV (Gingine)	RM-IV (Gingine)	CA (Dr. Duve)	RM-V (Nanaware)	RM-V (Nanaware)	Assignment	
6	14/10/2021 (THU)	RM-V (HSP)	RM-V (HSP)	CA (Dr. Duve)	RPEIV(Mohseena)	RPEIV(Mohseena)	Assignment	
7	15/10/2021 (FRI)	Holiday - Dussehra						
8	16/10/2021 (SAT)	RM-I (Dr. Bokde)	RM-I (Dr. Bokde)	CA (Dr. U. Patil)	RPEIV (Mohseena)	RPEIV (Mohseena)	Assignment	
9	17/10/2021 (SUN)	RPEIV(Mohseena)	RPEIV(Mohseena)	CA (Dr. U. Patil)	RPE-III (BDG)	RPE-III (BDG)	Assignment	
10	18/10/2021 (MON)	CA (Dr. U. Patil)	RM-III (Gingine)	RM-III (Gingine)	RM-VI (KSS)	RM-VI (VRM)	Assignment	
11	19/10/2021 (TUE)	Holiday - Eid						
12	20/10/2021 (WED)	RM-VI (Mirza)	RM-VI (Mirza)	RPEIV(Gingine)	RPE-II (MMV)	RPE-II (MMV)	Assignment	
13	21/10/2021 (THU)	RM-IV (Gingine)	RM-IV (Gingine)	CA (Dr. U. Patil)	RPE-II (MMV)	RPE-II (MMV)	Assignment	
14	22/10/2021 (FRI)	RM-III (SLJ)	RM-III (SLJ)	CA (Dr. U. Patil)	RPE-V (MMV)	RPE-V (MMV)	Assignment	
15	23/10/2021 (SAT)	RM-IV (HSP)	RM-IV (HSP)	CA (PVB)	CA (Dr. Mohseena)	CA (Dr. Mohseena)	Assignment	
16	24/10/2021 (SUN)	RM-I (Dr. Bokde)	RM-I (Dr. Bokde)	CA (Dr. U. Patil)	CA (Dr. Mohseena)	CA (Dr. Mohseena)	Assignment	
17	25/10/2021 (MON)	RM-VI (Mirza)	RPE-III (Mirza)	CA (Dr. Mohseena)	RPE-V (MMV)	RPE-V (MMV)	Assignment	
18	26/10/2021 (TUE)	CA (Dr. Mohseena)	CA (Dr. Mohseena)	CA (Mirza)	RPE-III (Gingine)	RPE-III (Gingine)	Assignment	
19	27/10/2021 (WED)	Conference	Conference	Conference	RPE-III (Mirza)	RPE-III (Mirza)	Assignment	
20	28/10/2021 (THU)	CA (Dr. Duve)	RM-VI (DMJ)	RPE (ATS)	Dr. SB Kishor	Dr. SB Kishor	Assignment	
21	29/10/2021 (FRI)	RM-VI (Modi)	RM-VI (Modi)	RPE-V (DRM)	RPE-III (Mirza)	RPE-III (Mirza)	Assignment	
22	30/10/2021 (SAT)	RM (Deshmukh)	RM (Deshmukh)	RPE-V (MMV)	RM-VI (KSS)	RM-VI (VRM)	Assignment	
23	31/10/2021 (SUN)	Final Exam	Antedictory Function					

NES Science College, Nanded
Pre-Ph.D. Course Work Lecture Report-2021.

Day-1:

Date & Time:	11.00-12.00 PM.	12.00-2.00 PM
09/10/2021 (SAT)	Ph. D. Course Work Inauguration	Introduction of Pre-Ph.D. Course Work

Ph.D. Course work Inauguration (11.00-11.30AM).

Guest Speaker:

Dr. Vijay Wagh (Senior Scientist, NBRI, Lucknow).

Date & Time: 09/10/2021 (SAT) 11.00-01.00 PM.

Topic Covered: Future Career opportunities in Research.



UGC D. S. Kothari Fellowships

Dr. D. S. Kothari Postdoctoral Fellowship (DSKPDF) Scheme was introduced by the University Grants Commission (UGC) in year 2007.

Eligibility: Aspirant below 35 years of age (Up to 3, 5 and 10 years of age relaxation for OBC, SC/ST/Women and physically handicapped respectively is admissible), who are awarded a Ph. D. degree under science faculty are eligible to apply. It is necessary that candidate identifies a Mentor (affiliated to University/Institute wherein DSK Fellowship is tenable) for his/her postdoctoral Research work and obtain his/her consent for the mentorship.

Amount: Normal fellowship for First, Second and third year is Rs. 43,400/-, Rs. 45,000/- and Rs. 46,500/- respectively. Higher fellowship for First, Second and third year: Rs. 46,500/-. The Fellow is provided with a contingency grant of Rs. 1,00,000 p.a.

Lecture 1:

Resource Person: Dr. V. R. Marathe

Date & Time: 09/10/2021 (SAT) 01.00-02.00 PM.

Topic Covered: Introduction of Pre-Ph.D. Course Work.

4G LTE 12:50

LIVE

40%

Report PDF

Adobe ReportPDF

Select PDF file

Convert PDF to Word or Excel or other

Convert PDF to

Microsoft Word (.docx)

Recognize Text in English (.txt)

Change

Convert

Create PDF

Edit PDF

Combine PDF

Paper	Title	Credits	Marks	Duration of Examination	Nature of Examination	Remarks
Paper-1	Research Methodology	01	75	1 hr	Theory	50%
Paper-2	Computer applications (Software A)	01	50	2 hrs	Theory	50%
Paper-3	Computer applications (Software B)	01	25	"Two hours internal evaluation by concerned supervisor (out of 25 marks)"	50%	50%
Paper-4	Research and Publication Efforts	02	40	2 hrs	Theory	50%
Paper-5	Foundations & Philosophy of Research (Based on basic knowledge of core research Areas)	01	100	"Two hours internal evaluation by concerned supervisor (out of 100 marks, reading, writing and assessment) 40 marks (Two hrs) and two assignments, choice of instructors (out of 20 marks)"	50%	50%
Paper-6	Paper on Research type (Open/In)	04	100	"Research / evaluation: workshop participation - 1 credit (25 marks), research paper publication - 1 credit (25 marks), including relevant subject research proposal - 1 credit (25 marks)"	50%	50%

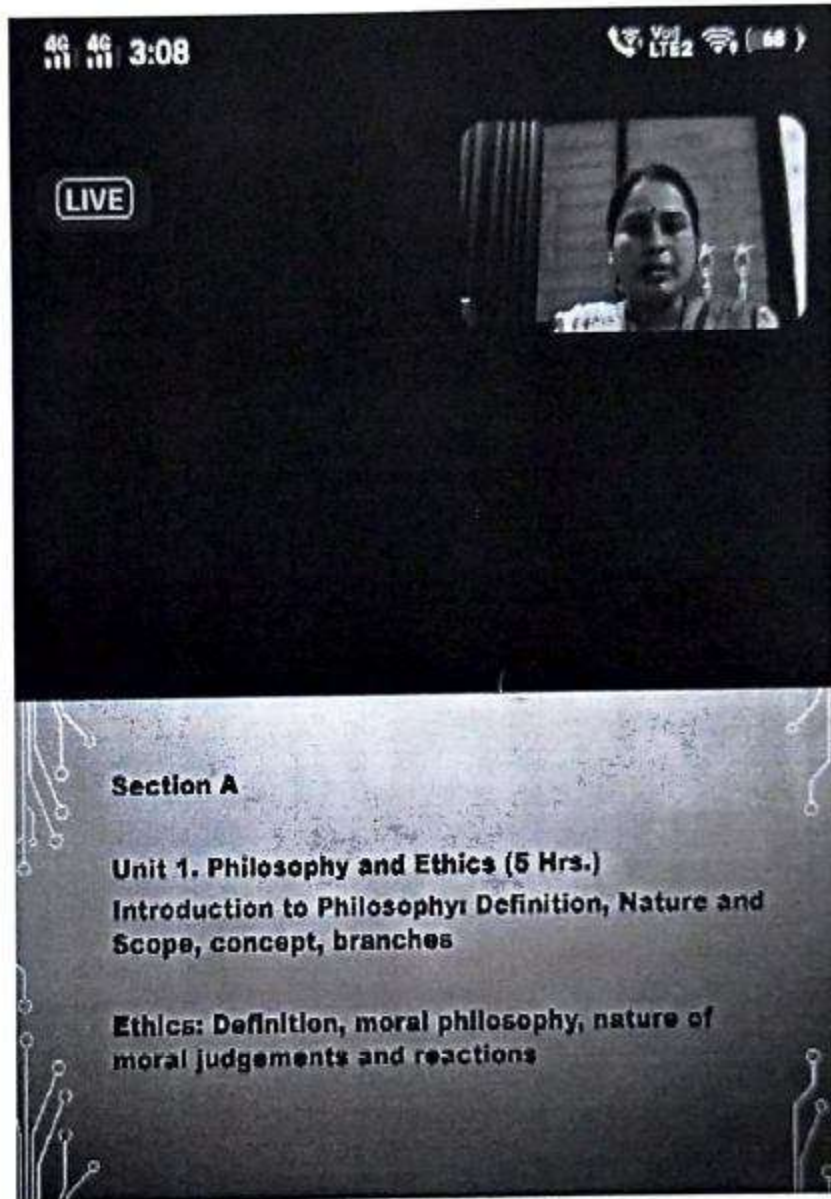
Vishal Marathe's screen

Lecture 2:

Resource Person: Dr. Vibhati Kulkarni

Date & Time: 09/10/2021 (SAT) 3.00-4.00 PM.

Topic Covered: RPE-I: Introduction, definition, nature, scope, concept, and branches of philosophy.



The image is a screenshot of a live lecture video. At the top, the status bar shows 4G LTE2, VoWiFi, and a battery level of 68%. The time is 3:08. A 'LIVE' indicator is visible in the top left corner. A small video window in the top right shows a woman, Dr. Vibhati Kulkarni, speaking. Below the video, a slide with a dark background and white text is displayed. The slide content is as follows:

Section A

Unit 1. Philosophy and Ethics (5 Hrs.)
Introduction to Philosophy: Definition, Nature and Scope, concept, branches

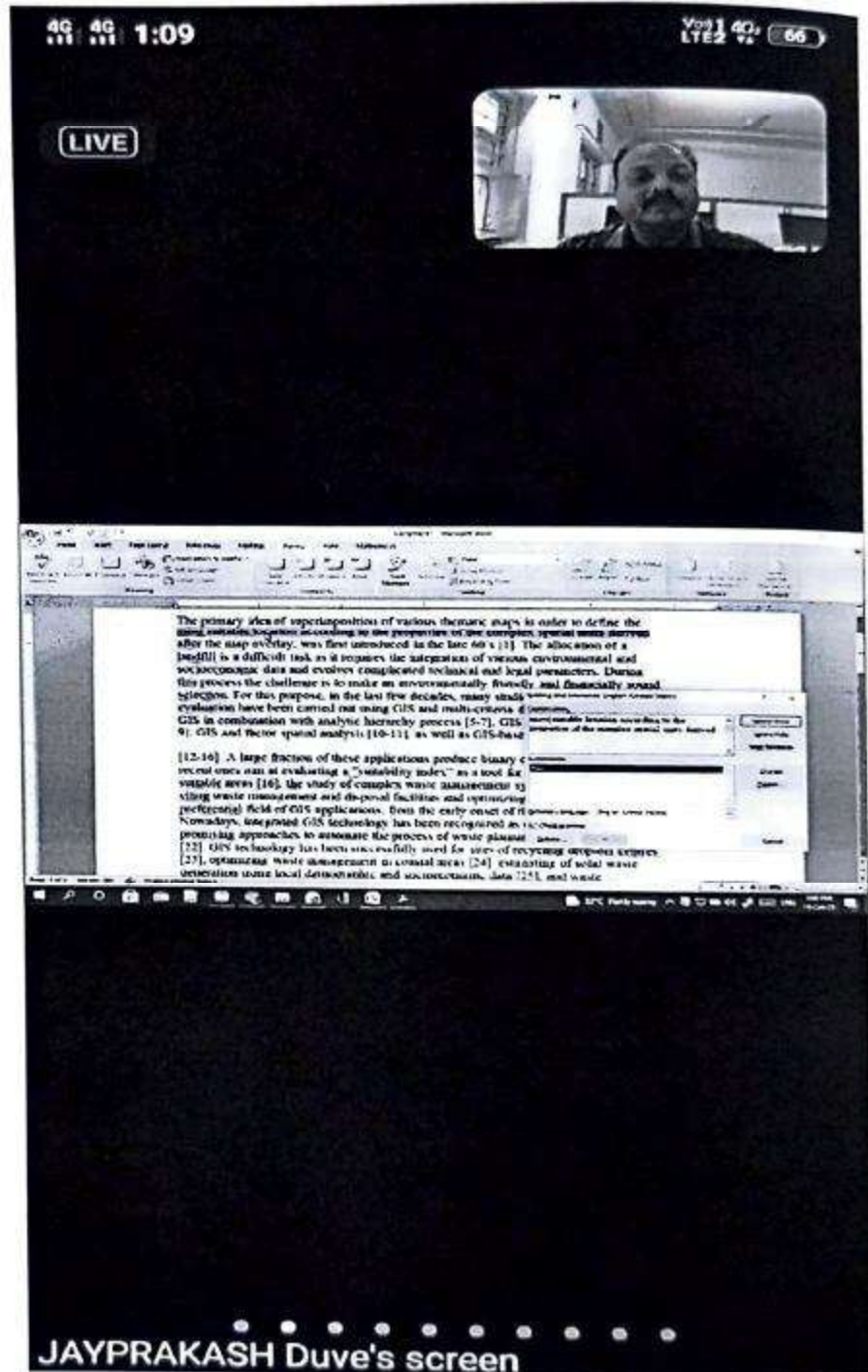
Ethics: Definition, moral philosophy, nature of moral judgements and reactions

Lecture 3:

Resource Person: Dr. Jayprakash Duve

Date & Time: 09/10/2021 (SAT) 4.00-5.00 PM.

Topic Covered: RPE-I: CA: Introduction of MS word 2007, Create Word file, create folder, Save-word & Pdf.



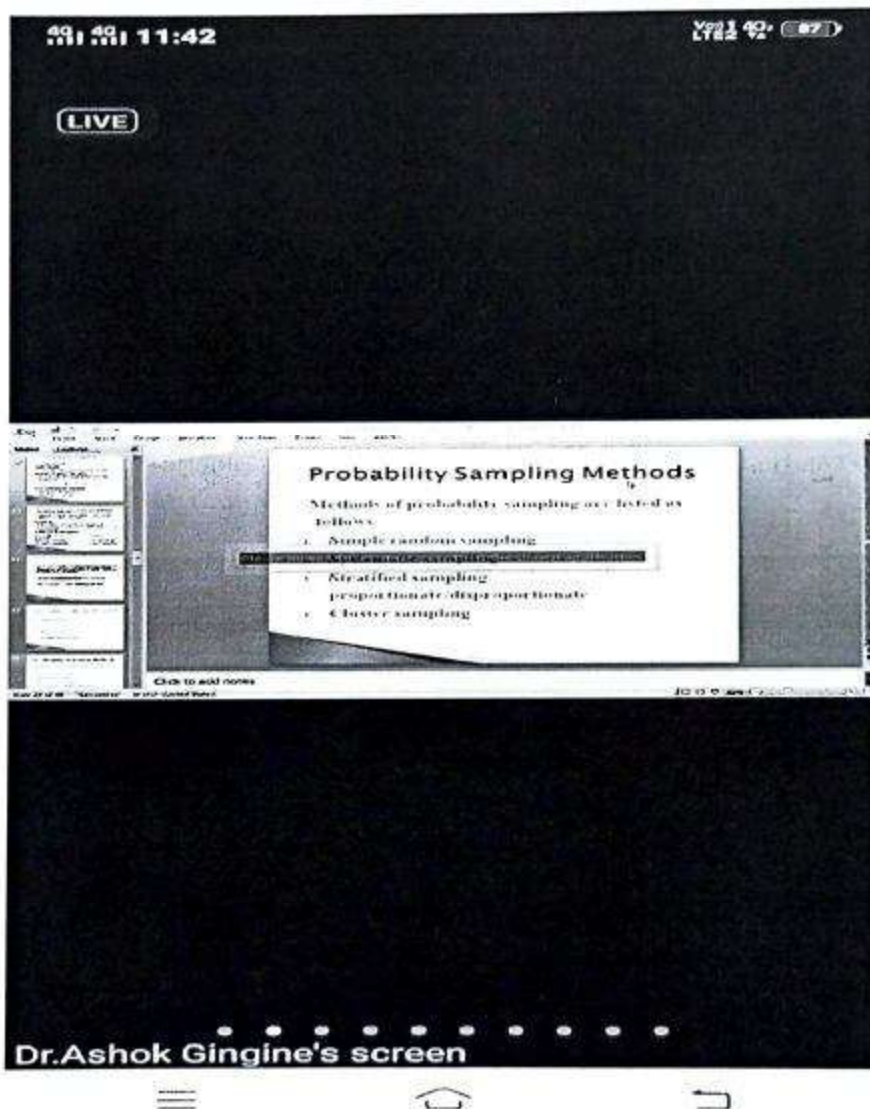
Day-2:

Lecture 1 & 2:

Resource Person: Dr. Ashok Gingine

Date & Time: 10/10/2021 (SUN) 11.00-1.00 PM.

Topic Covered: RM-III: Research Innovation-Intelligence, Solution, idea, Inspiration, creativity & vision, Variable- Definition & types-Independent & Dependent variable, Hypothesis types- Simple, Complex and Empirical.



Lecture 3:

Resource Person: Dr. Jayprakash Duve

Date & Time: 10/10/2021 (SUN) 1.00-2.00 PM.

Topic Covered: CA: Different parts of MS word: Home tab, clipboard, bullet, Table and styles.

The image is a screenshot of a live video lecture. At the top, there is a black status bar with '4G' signal strength, the time '1:07', and 'Vol 1 4G 73'. A 'LIVE' indicator is on the left. A video window shows a man with a mustache speaking. Below the video is a slide titled 'References Tab' with the following content:

References Tab

Points to be discuss

1. Introduction of References tab
2. Table of Contents group
3. Footnotes group
4. Citations & Bibliography group
5. Captions Group
6. Essential steps to handle all above groups

Introduction:

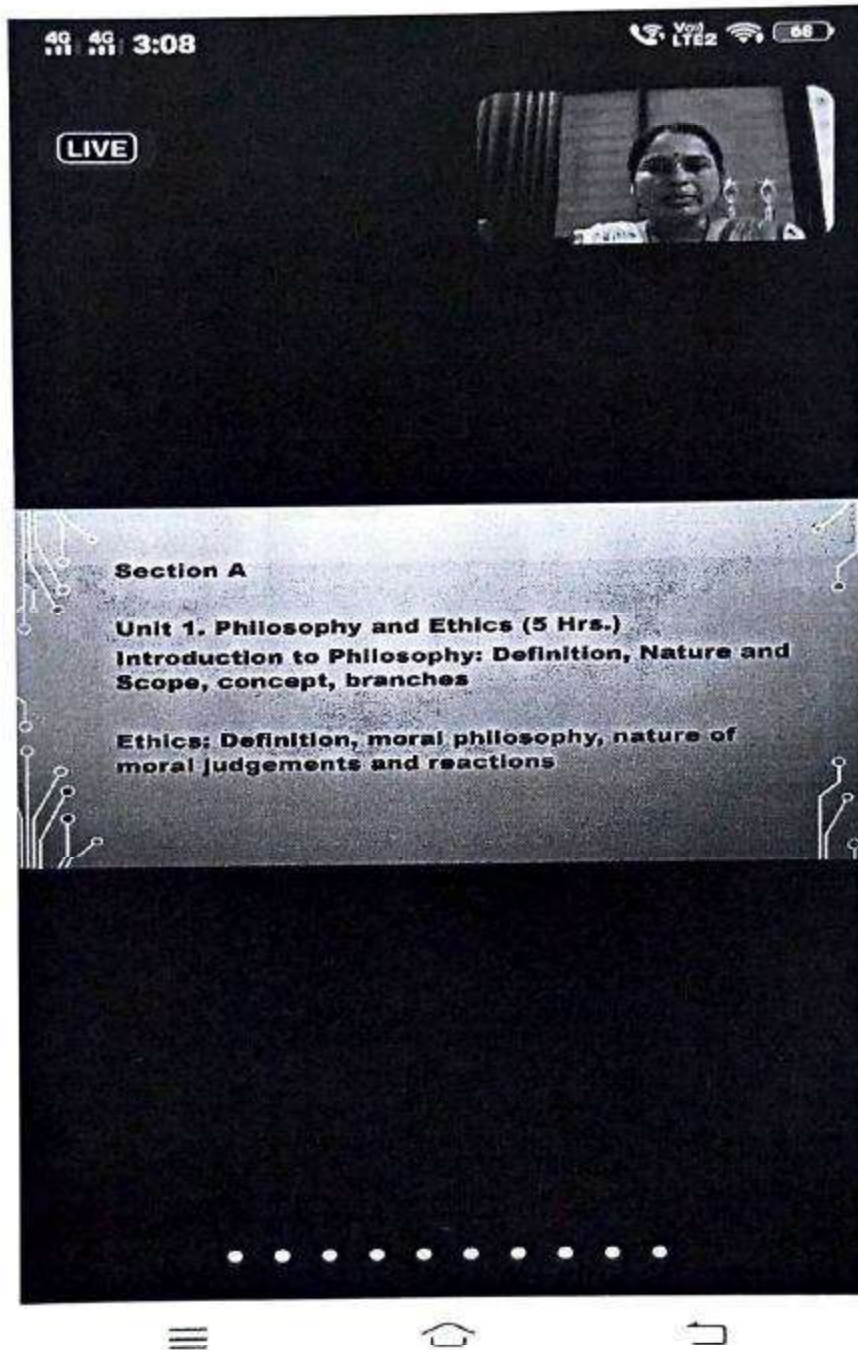
References Tab is the fourth tab on the ribbon of Microsoft word 2017. Which offers a quick way to manage your document contents, citations and references.

Lecture 4:

Resource Person: Dr. Vibhati Kulkarni

Date & Time: 10/10/2021 (SUN) 3.00-4.00 PM.

Topic Covered:RPE-I: Ethics: Definition, moral philosophy, nature of moral judgements and reactions.

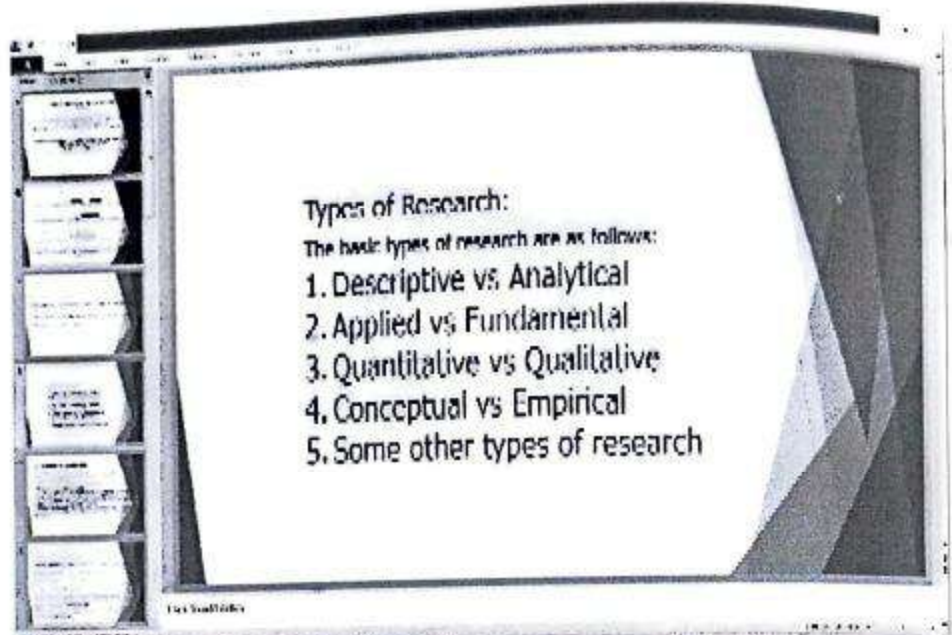


Lecture 5:

Resource Person: Dr. Maqsood Mirza

Date & Time: 10/10/2021 (SUN) 4.00-5.00 PM.

Topic Covered: RM-VI: Research Methodology- Meaning & types, Definitions of Research



Maqsood Mirza's screen

Day-3:

Lecture 1 & 2:

Resource Person: Dr. Santosh Deosarkar

Date & Time: 11/10/2021 (MON) 11.00-1.00 PM.

Topic Covered: RM-II: Trends in research, Research in sci. & tech., Research Methods- Scientific, Quantitative & Qualitative, Steps in research, Databases- Scopus (Elsevier), WOS (Clarivate), PubMed (NIH), IEEE Xplore (Comp. Sci. & Engi.), Science Direct (Elsevier), Directory of Open access journal (DOAJ), Research paper writing, and Author Impact Metric.

The image is a screenshot of a live video lecture. At the top left, there are signal strength and Wi-Fi icons, and the time is 11:41. At the top right, there are volume and battery icons. A 'LIVE' indicator is visible on the left side. In the center, a video feed shows a man with a mustache speaking. Below the video feed is a circular diagram titled 'Steps in Research'. The diagram consists of ten steps arranged in a circle, connected by arrows in a clockwise direction:

- 1. Research idea
- 2. Literature review
- 3. Theoretical formulation of the research problem
- 4. Empirical research questions based on preliminary
- 5. Research design
- 6. Data analysis
- 7. Data interpretation
- 8. Answering the objective of research questions
- 9. Theoretical interpretation of the results
- 10. Comparison with earlier research

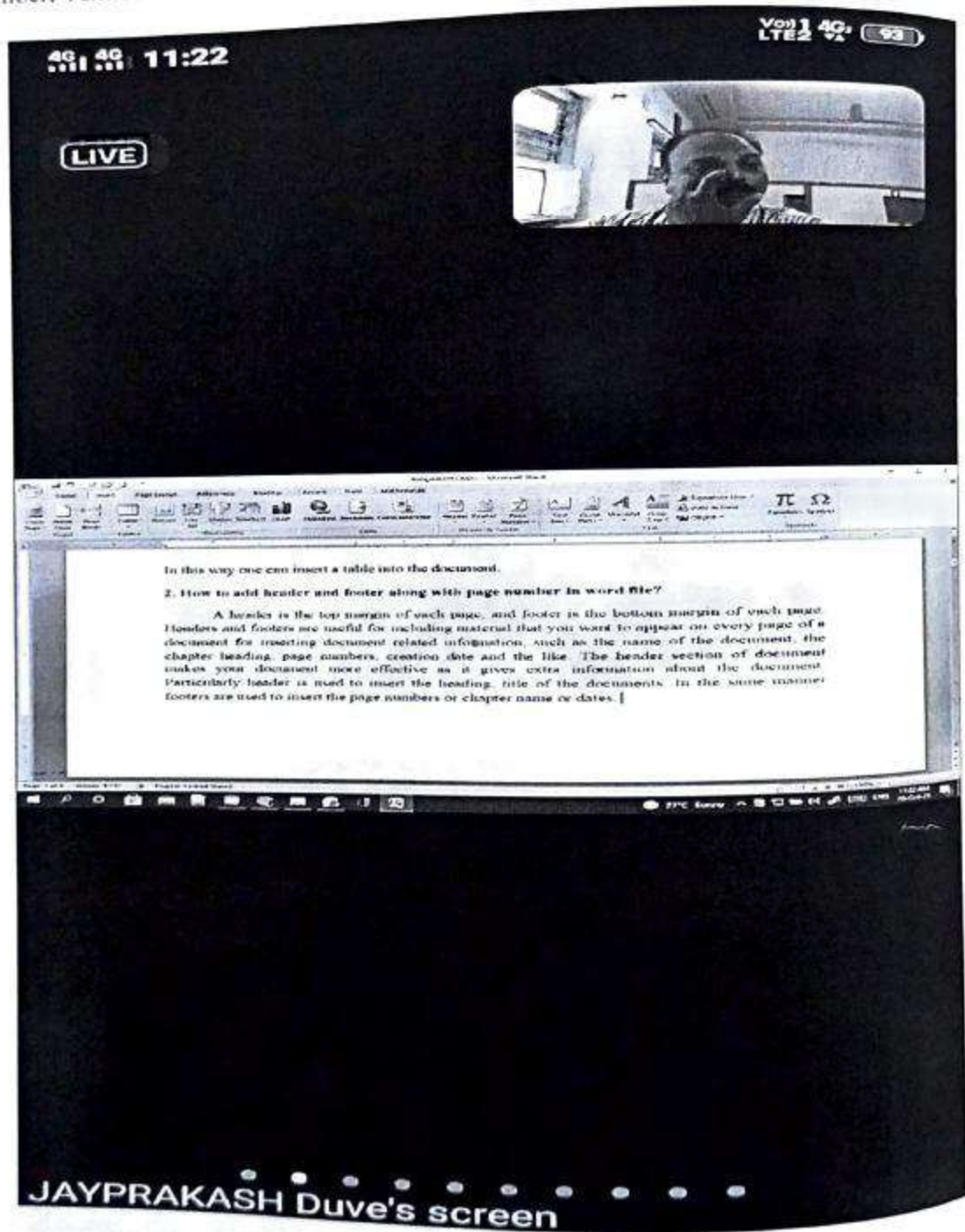
Arrows indicate a clockwise flow from step 1 to step 10, with a final arrow pointing back to step 1, suggesting a continuous or iterative process.

Lecture 3:

Resource Person: Dr. Jayprakash Duve

Date & Time: 11/10/2021 (MON) 1.00-2.00 PM.

Topic Covered: CA: MS Word 2007: Insert- Table, flow diagram, Hyperlink, Header, Page number, Text box & Watermark. Page layout- Orientation.



Lecture 4 & 5:

Resource Person: Dr. M.M. V. Baig

Date & Time: 11/10/2021 (MON) 3.00-5.00 PM.

Topic Covered: RPE-II: Introduction of Ethics, Guidelines for ethical research- 1. Respect human beings, 2. Beneficence, 3. Research merit & integrity, 4. Justice., Ethical norms, Ethical Principles- Honesty, Objectivity, Integrity, Carefulness, Openness, Transparency, Accountability, Intellectual property, Confidentiality, Responsible publication, Responsible mentoring, Respect for colleagues.

Acceptable Secondary Publication

- Guidelines, another language, commemorative
 - Approval from editors of both journals
 - Priority of primary publication is respected
 - Paper for secondary publication is intended for a different audience
 - Secondary version faithfully reflects data and interpretations of primary version
 - Footnote on title page of secondary version states primary reference
 - "This article is based on a study first reported in the J. ..."

Dr. M. M. V. Baig's screen



Day-4:

Lecture 1 & 2:

Resource Person: Dr. Santosh Deosarkar

Date & Time: 12/10/2021 (TUE) 11.00-01.00 PM.

Topic Covered: RM-II: Qualitative Research – Phenomenology, Ethnography, Case study, research, Grounded theory, Historical research, Characteristics, Advantages, Disadvantages, Popularity, and limitations. Quantitative methods of Research – Observation unit, Variable Strengths & weaknesses.

4G LTE 11:41 Vol 1 4G LTE 86

LIVE

Steps in Research

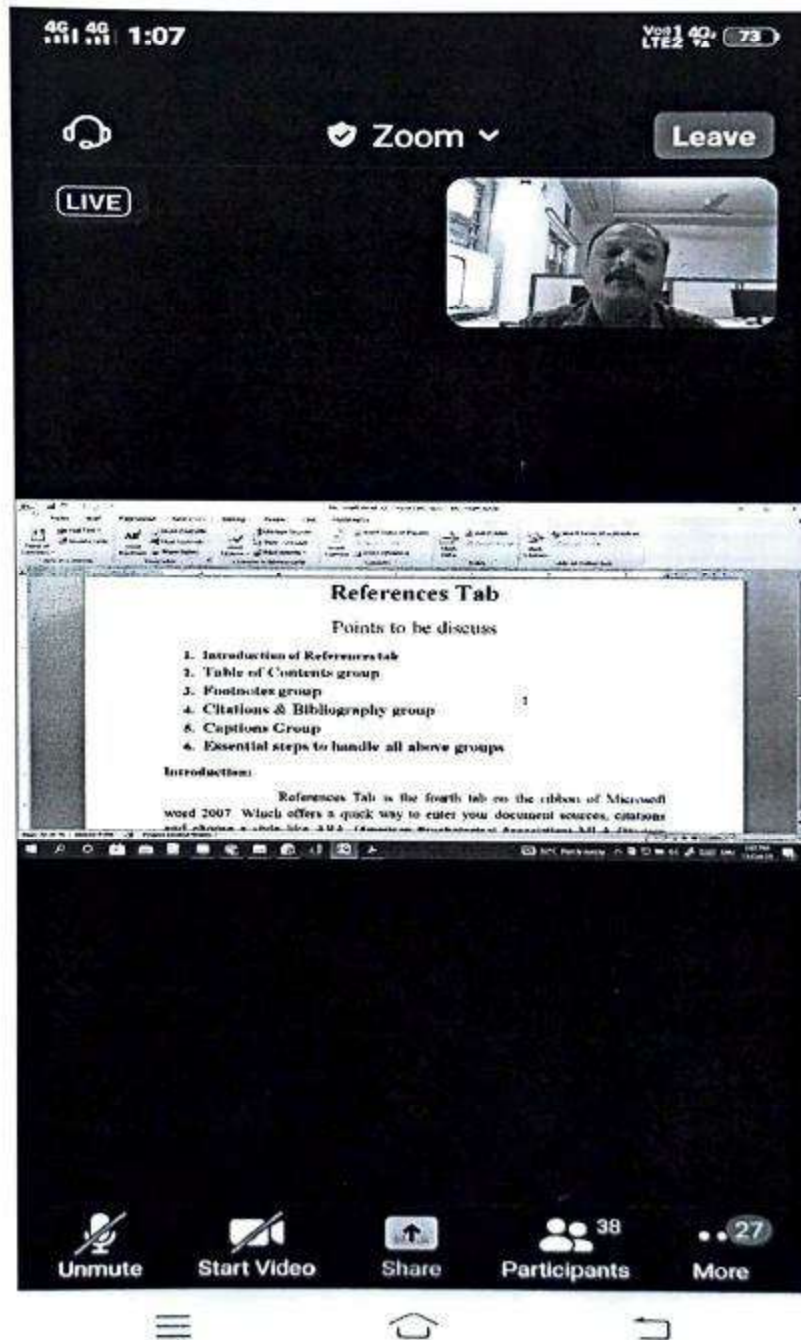
The diagram illustrates a cyclical process of research. It begins with a 'Research idea', which leads to a 'Literature review'. This is followed by the 'Theoretical formulation of the research problem', then 'Empirical research questions (operationalization)'. The next steps are 'Research design (planning)', 'Data Collection', and 'Data analysis'. This leads to 'Answering the empirical research questions', followed by 'Theoretical interpretation of the results'. The process then moves to 'Comparison with earlier research', which leads to 'Conclusions'. Finally, 'Conclusions' leads back to 'Research idea', completing the cycle.

Lecture 3:

Resource Person: Dr. Jayprakash Duve

Date & Time: 12/10/2021 (TUE) 1.00-2.00 PM.

Topic Covered: CA: References Tab- Table of content, footnotes, citations, index and captions.

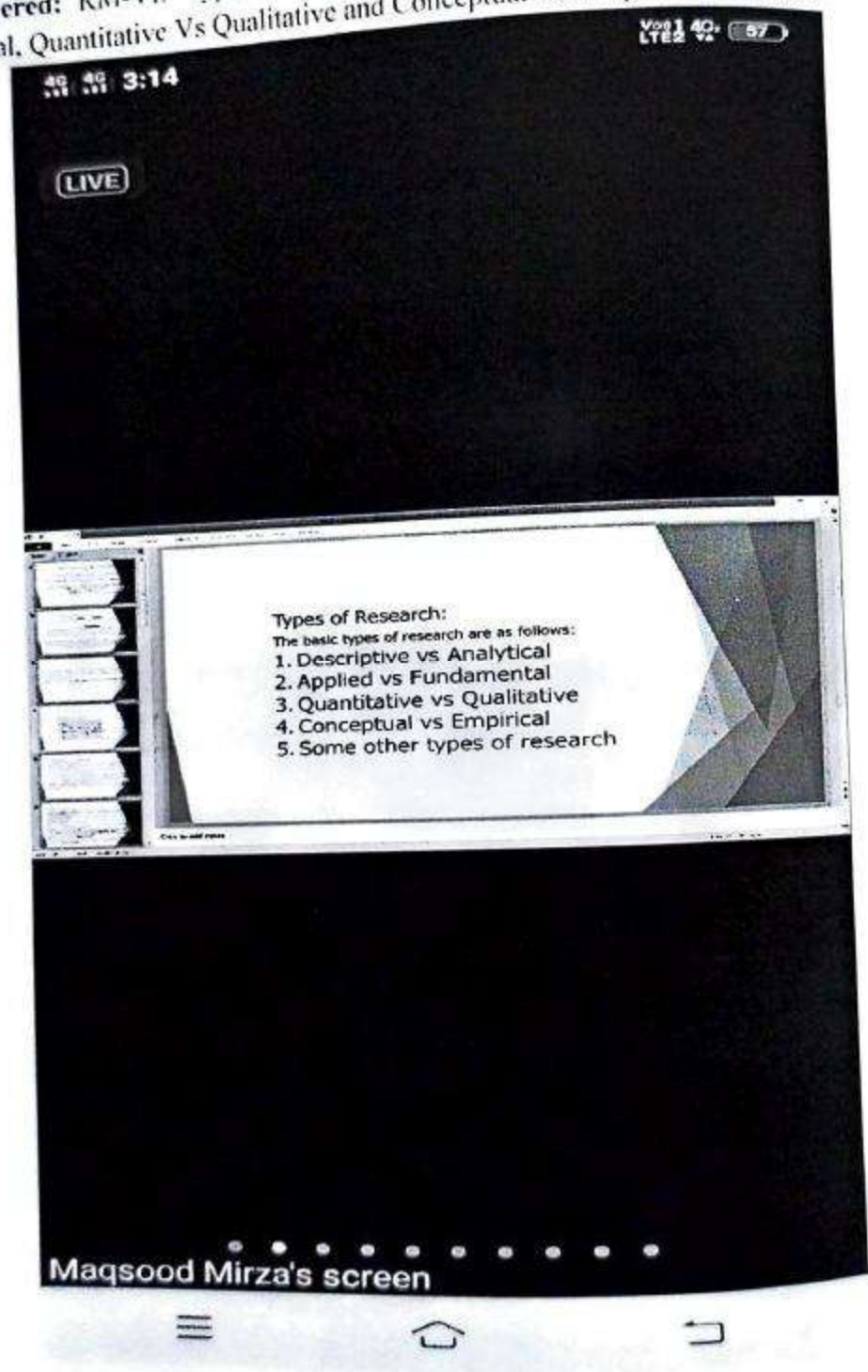


Lecture 4:

Resource Person: Dr. Maqsood Mirza

Date & Time: 12/10/2021 (TUE) 3.00-4.00 PM.

Topic Covered: RM-VI: Types of Research – Descriptive Vs Analytical, Applied Vs Fundamental, Quantitative Vs Qualitative and Conceptual Vs Empirical research.



Lecture 5:

Resource Person: Dr. V. R. Marathe

Date & Time: 12/10/2021 (TUE) 4.00-5.00 PM.

Topic Covered:RM-III: Development of Research Objectives and its Characteristics.

Tips and Tricks

- Read, read and read
- Take notes
- Talk to supervisors, experts, fellows
- Write topics and topics
- Get confused, get afraid
- Generate a number of research questions
- Systematize research questions
- Cut down these in line with your coherent thinking

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Dr. Vishal Marathe's screen

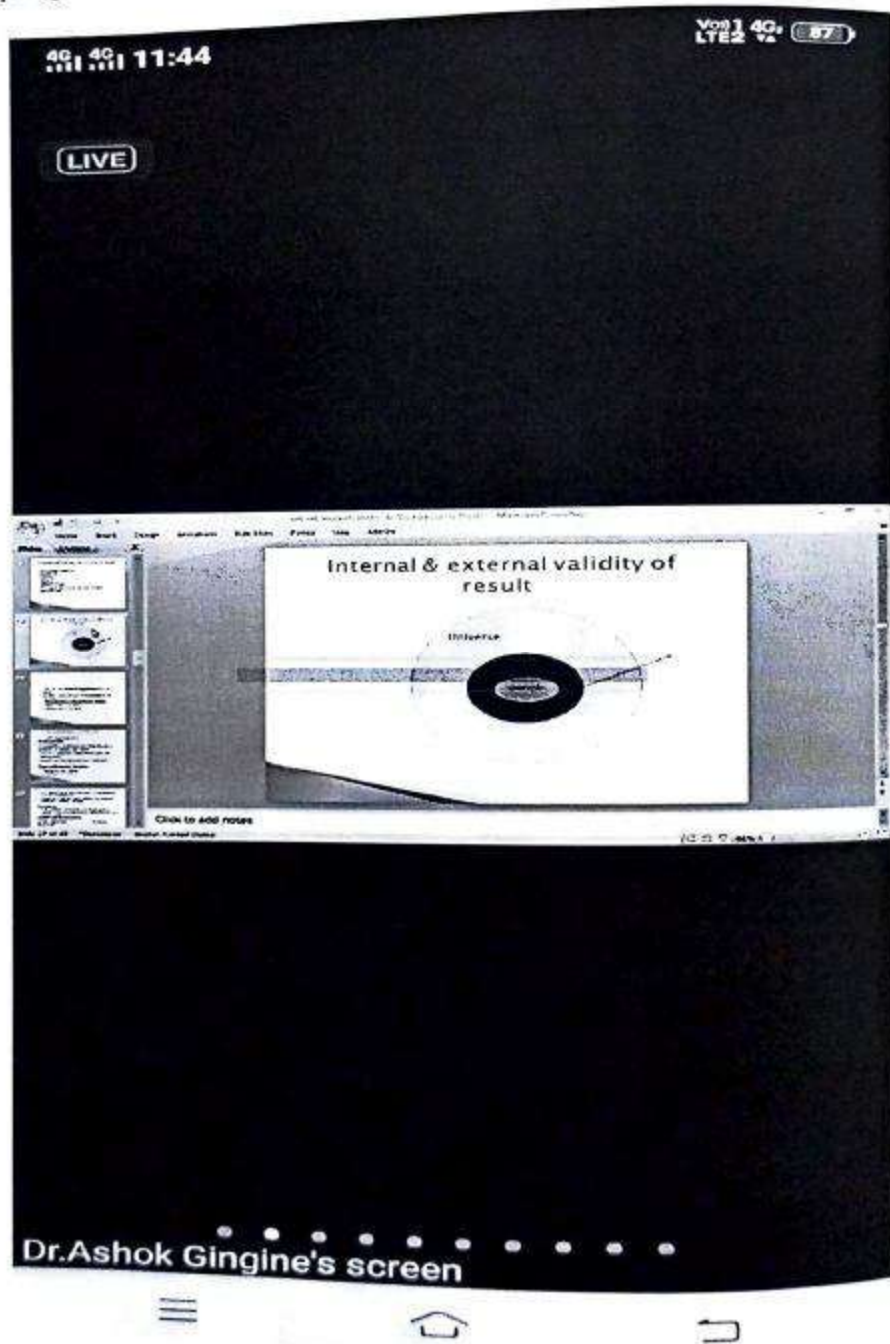
Day-5:

Lecture 1 & 2:

Resource Person: Dr. Ashok Gingine

Date & Time: 13/10/2021 (WED) 11.00-01.00 PM.

Topic Covered: RM-III: Hypothesis types- Null, Alternative & Causal hypothesis. Statistical population-Homogenous, Heterogenous, Finite & infinite Research population. Probability Sampling Method- Simple Random Sampling, Systematic Sampling, Stratified sampling and Cluster sampling.

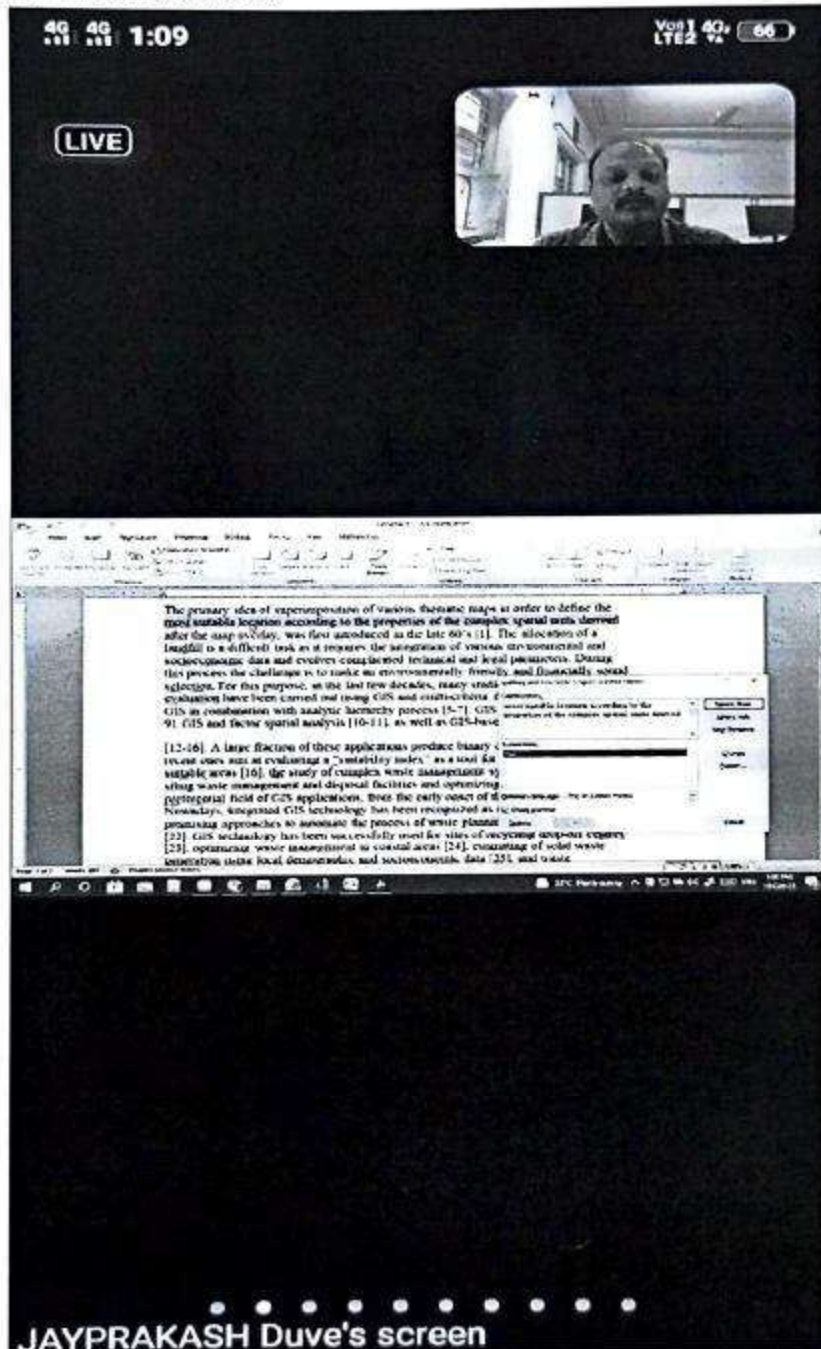


Lecture 3:

Resource Person:Dr. Jayprakash Duve

Date & Time: 13/10/2021 (WED) 1.00-2.00 PM.

Topic Covered: CA: References Tab- Citations and Bibliography. Reference style- APA, GOST, GB-7714, MLA and IEEE.



JAYPRAKASH Duve's screen



Lecture 4 & 5:


Resource Person: Dr. Sanjay Nanware

Date & Time: 13/10/2021 (WED) 3.00-5.00 PM.

Topic Covered: RM-IV: Data collection, Methods of data collection- Direct personal interview, Indirect oral interview, Through correspondents, Questionnaires, Experiments, Census and sampling. Nature of data- Time series data, Spatial data, Spacio Temporal data. Types of data- Primary and secondary data, Merits and demerits. Types of classification- Geographical, Chronological, Qualitative, Quantitative, Simple and Manifold classification.

4G LTE 4:17 Vol 1 40% 45%

LIVE



Primary Data	Secondary Data
It is First hand information	It is Second hand information
It is original	It is not original
It is Reliable	It is not Reliable
It Consumes more money	It is economical
It consumes more Labour	It consumes less Labour
It consumes time	It is quickly Obtained

Prof. Dr. Sanjay Shamrao Nanware's screen

Day-6:

Lecture 1 & 2:


Resource Person: Dr. Harishchandra Patange

Date & Time: 14/10/2021 (THU) 11.00-01.00 PM.

Topic Covered: RM-V: Chi-square test- Calculation, Hypothesis testing, Hypothesis testing errors- Type-1 and Type-2, Problems based on Chi-square test.

4G 4G 11:12 VoIP 4G LTE2 93


LIVE



CHI-SQUARE TEST (χ^2)

• Thus, the chi-square test is applicable in large number of problems. The test is, in fact, a technique through the use of which it is possible for all researchers to (i) test the goodness of fit; (ii) test the significance of association between two attributes, and (iii) test the homogeneity or the significance of population variance.

Dr Harishchandra Patange's screen

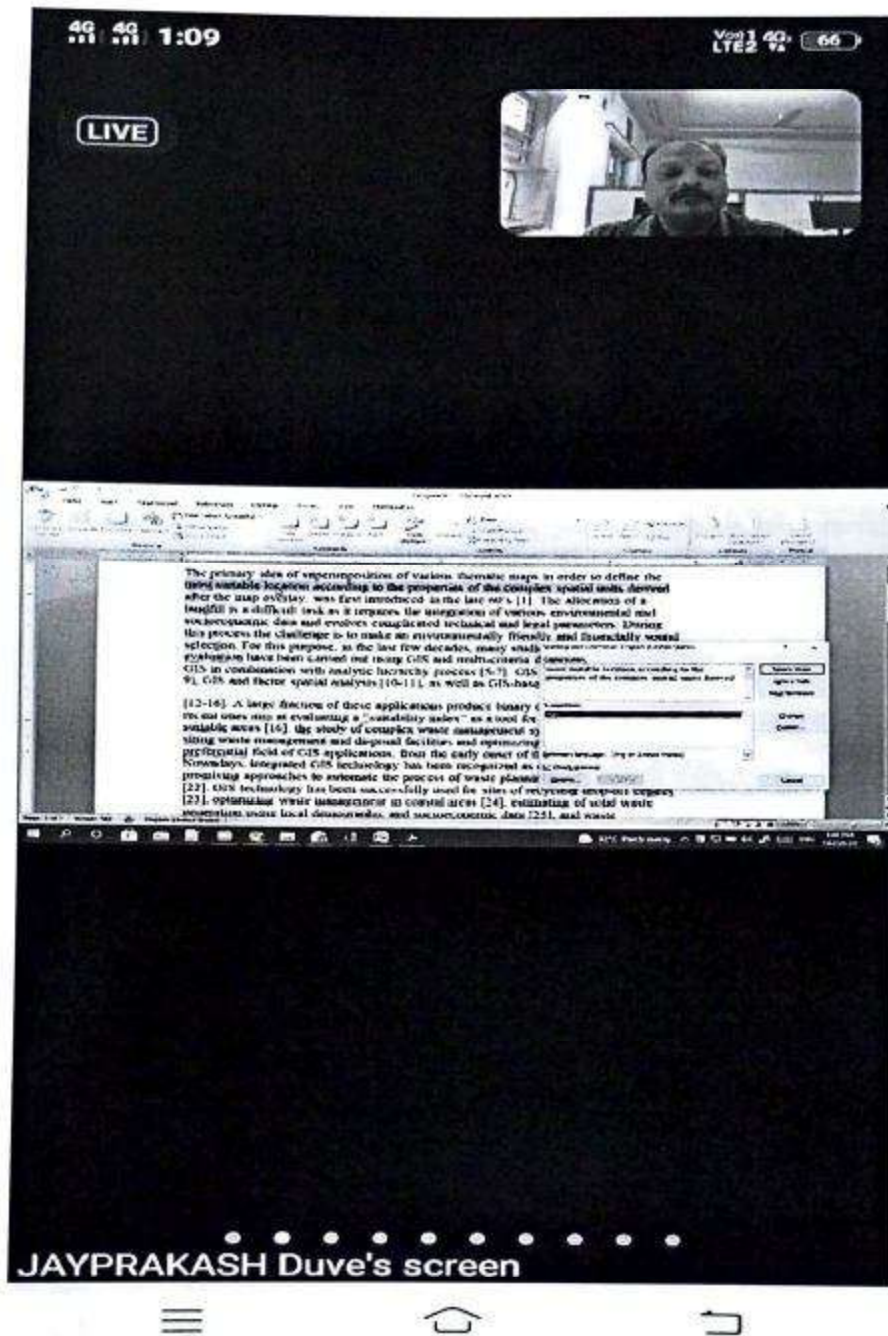


Lecture 3:

Resource Person:Dr. Jayprakash Duve

Date & Time: 14/10/2021 (THU) 1.00-02.00 PM.

Topic Covered:CA: Review Tab- Addition of comments in word file document.

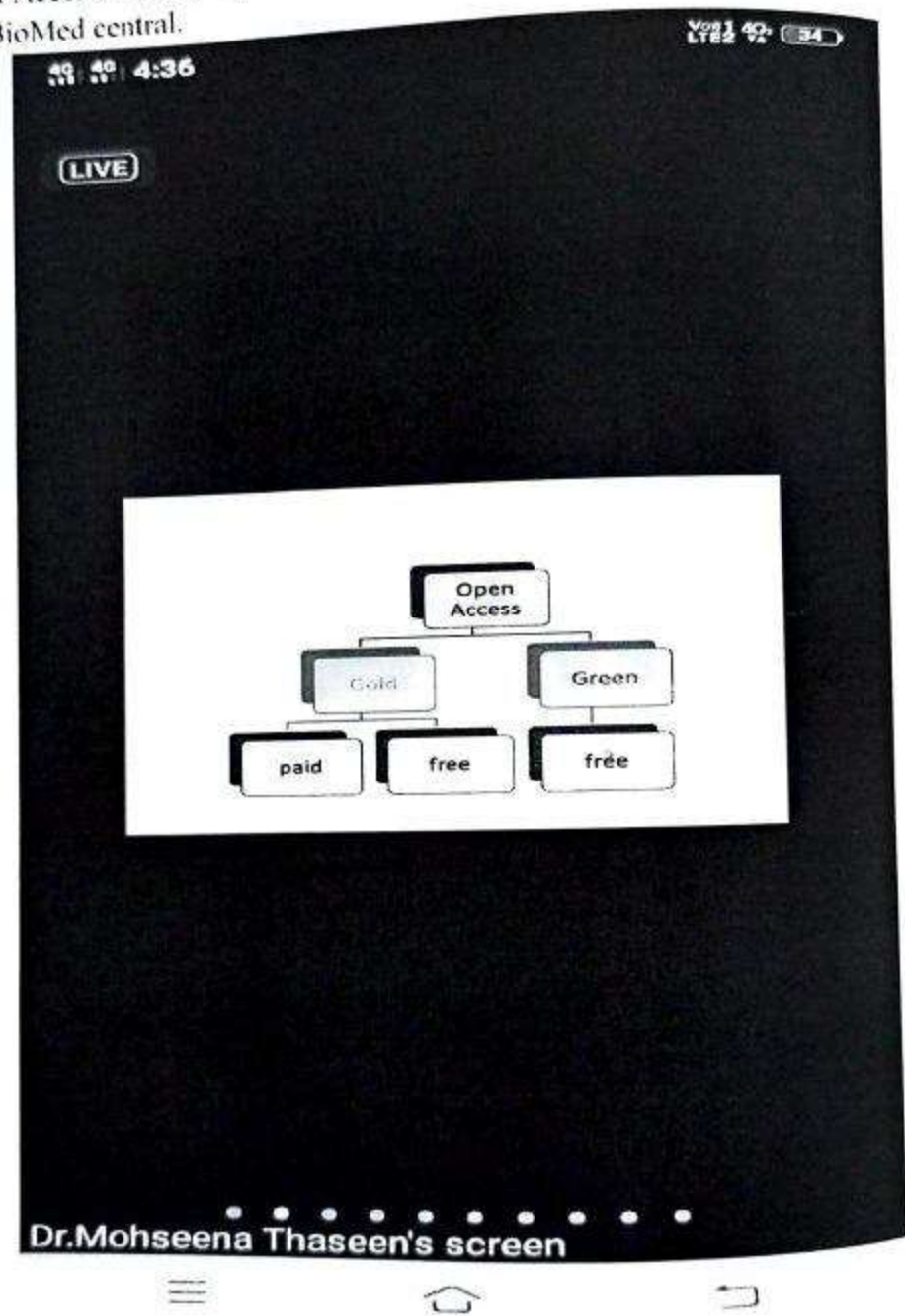


Lecture 4 & 5:

Resource Person: Dr. Mohseena Thaseen

Date & Time: 14/10/2021 (THU) 03.00-05.00 PM.

Topic Covered: RPE-II: Open Access Publication, Research publication stages- Pre-publication, Intra-publication and post-publication. Types of Journals Access- Limited Restricted access journals, Predatory Journal Access and Open Access Journals. Different ways of publishing Open Access- Green, Gold, Platinum, Hybrid, Bronze and Black Open Access. Library Open Access: Open Access Resources: DOAJ, JURN, PubMed, PLoS and BioMed central.



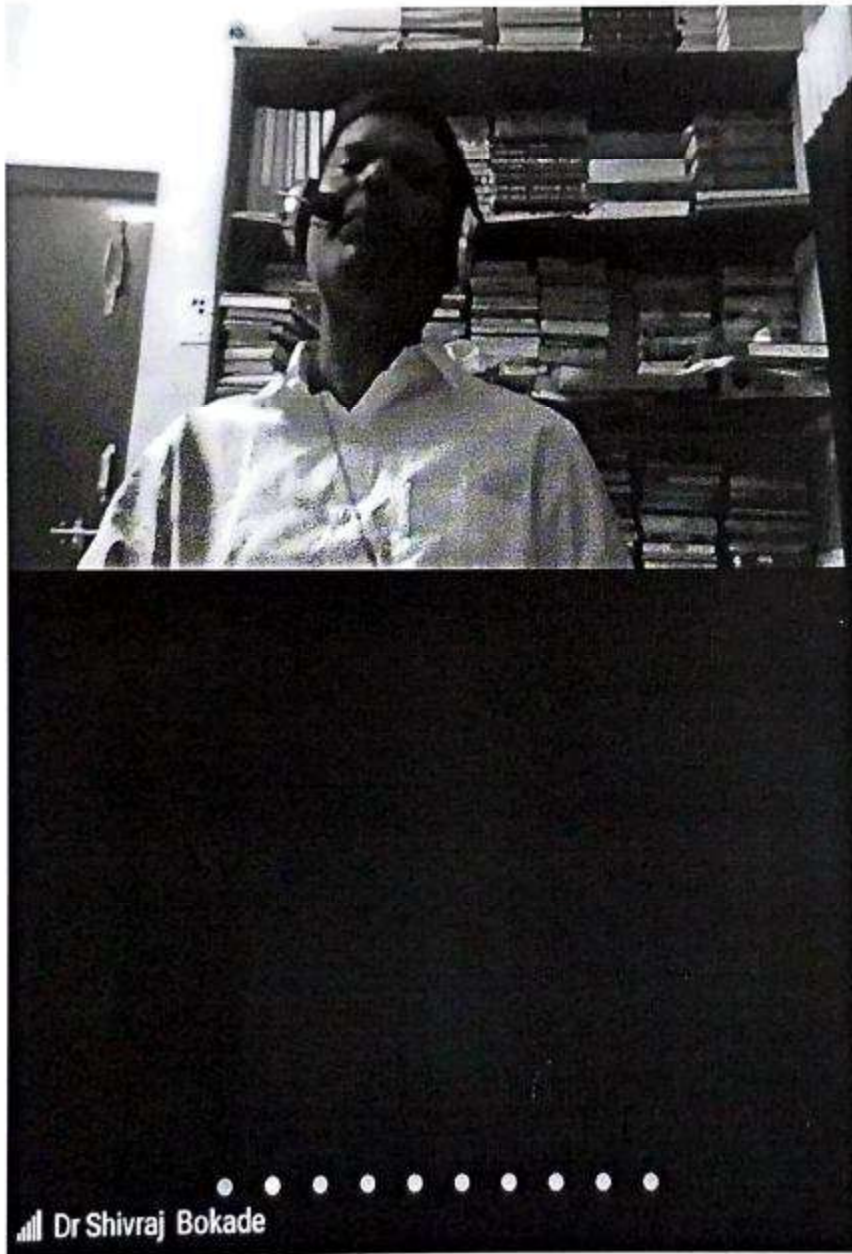
Day-7:

Lecture 1 & 2:

Resource Person: Dr. Shivraj Bokade

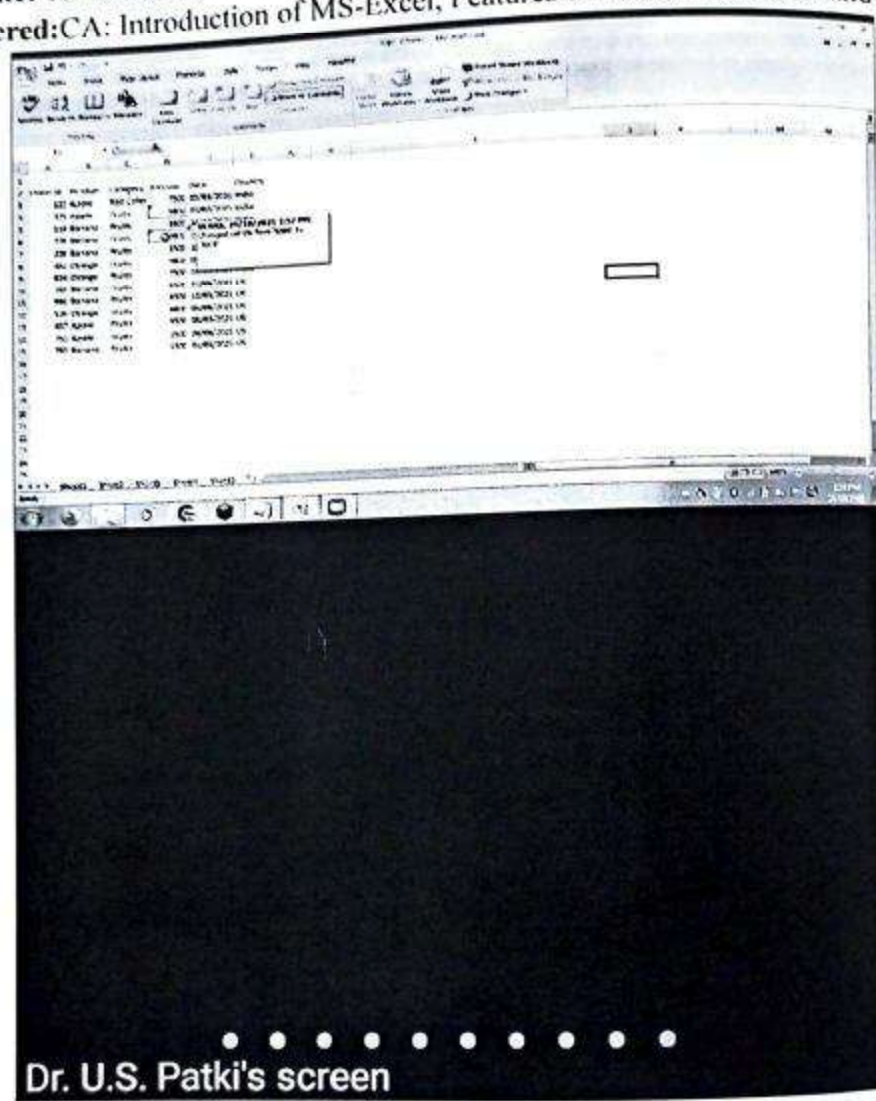
Date & Time: 16/10/2021 (SAT) 11.00-01.00 PM.

Topic Covered:RM-I: Interdisciplinary approach and its implications in various research area.



Lecture 3:

Resource Person: Dr. U. S. Patki
Date & Time: 16/10/2021 (SAT) 1.00-02.00 PM.
Topic Covered: CA: Introduction of MS-Excel, Features-Ribbon, Workbook and worksheet



Dr. U.S. Patki's screen

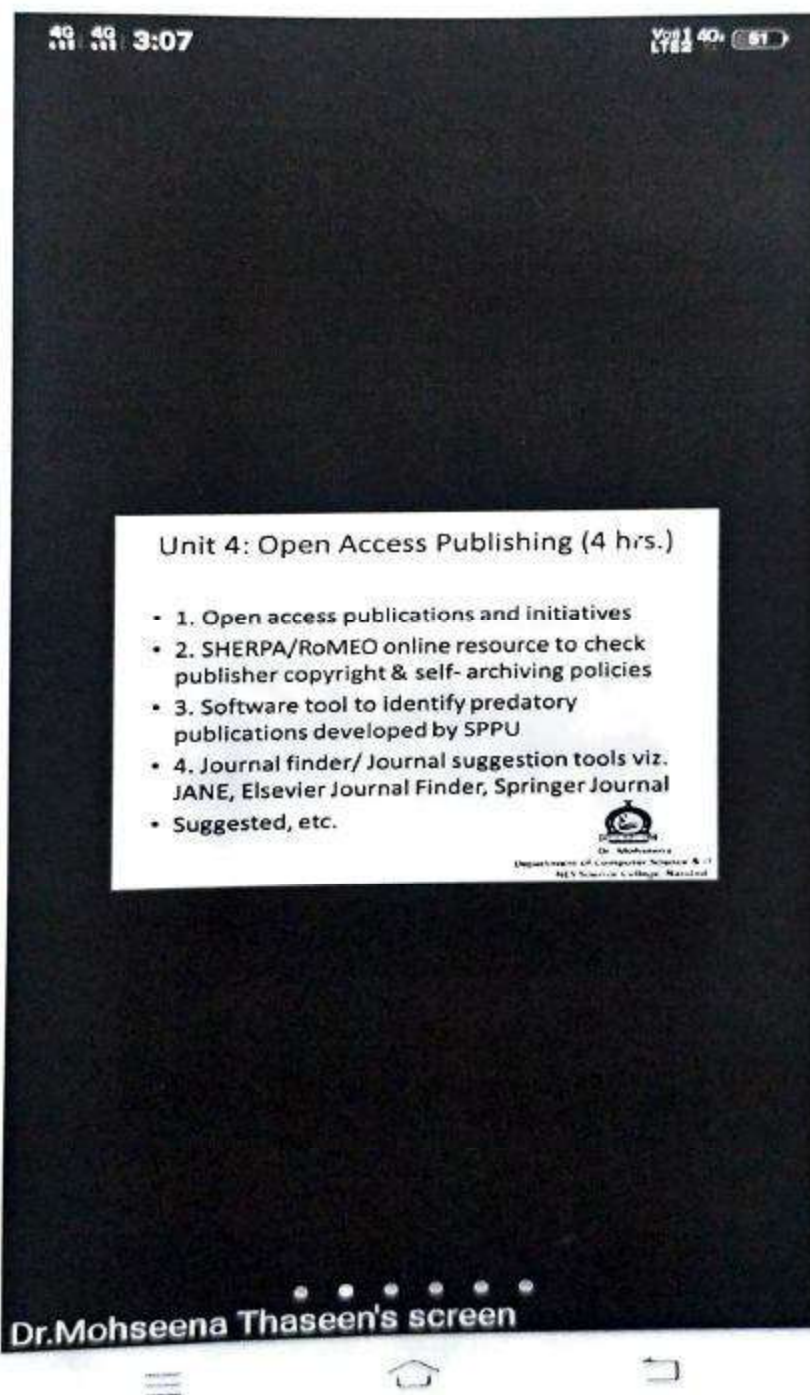


Lecture 4 & 5:

Resource Person: Dr. Mohseena Thaseen

Date & Time: 16/10/2021 (SAT) 03.00-05.00 PM.

Topic Covered:RPE-II: SHERPA/RoMEO- RoMEO, JULIET, Open DOAR, Sherpa fact and API, Practical workflow for Green open Access, Accessibility options- Open, Intranet and Private, Creative Common licenees- CC BY, CC BY-SA, CC BY-ND, CC BY-NC, CC BY-NC-SA, and CC BY-NC-ND).



Day-8:

Lecture 1 & 2:

Resource Person: Dr. Mohseena Thaseen

Date & Time: 17/10/2021 (SUN) 11.00-01.00 PM.

Topic Covered: RPE-II: Introduction of predatory journals, Beall's list, Bentham Science publisher, SPPU Guidelines, COPE- Reviewer, Author and funding guidelines, Journal finder-Elsevier, Springer and JANE.

4G 4:06 Vol 1 LTE 40

LIVE

How to Self-Archive Your Research

Adapted from: <http://lib.uchicago.edu>

```
graph TD
    Start((Start)) --> Select[Select an archive or self-archive]
    Select --> CheckPub[Check for copyright]
    CheckPub --> CheckEmb[Check for embargo]
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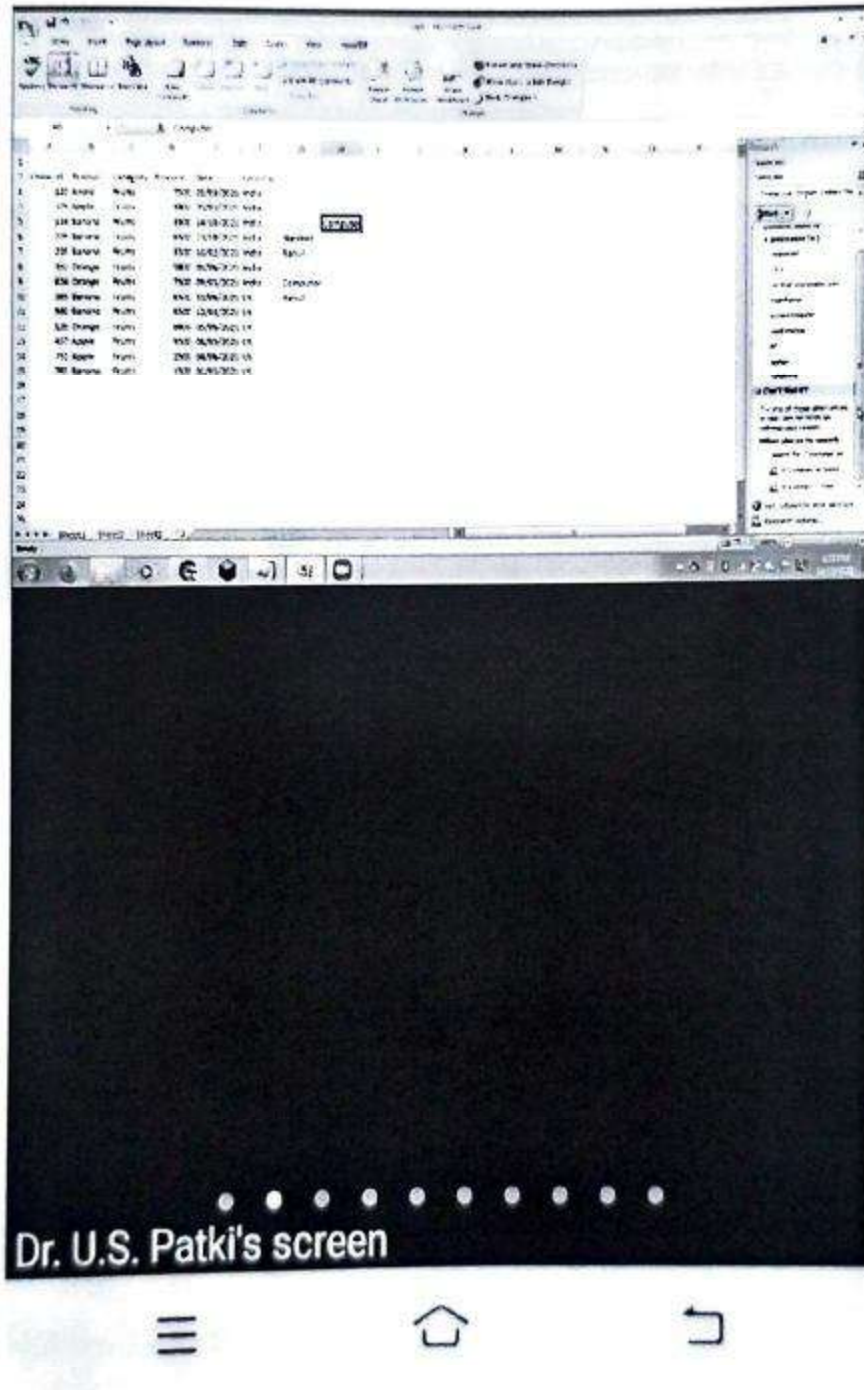
Dr.Mohseena Thaseen's screen

Lecture 3:

Resource Person: Dr. U. S. Patki

Date & Time: 17/10/2021 (SUN) 01.00-02.00 PM.

Topic Covered: CA: Cell formatting of MS-Excel- Number, Font, Border, Fill, Protection, Sorting the Data, Filters in Excel, Conditional formatting.



Lecture 4 & 5:

Resource Person: Dr. B. D. Gachande
Date & Time: 17/10/2021 (SUN) 03.00-05.00 PM.
Topic Covered: RPE-III: Publication Ethics- Definition, Introduction and Importance.
Publication Ethics- Research fraud, Plagiarism, Duplicate submission, Duplicate publication,
Redundant publications, Improper author contribution or attribution, Citation manipulation,
COPE, Ethical principles- Honesty, Objectivity, Integrity, Carefulness, Openness,
Transparency, Accountability, IPR, Confidentiality, Responsible publication, Responsible
mentoring, Respect for colleagues, Social responsibility, Non-Discrimination, Competence,
Legality and Animal care. Human subjects Protection, Types of Manuscript- Research Paper,
Review article and Book. How to select a good journal, Predatory journals.

4G 4G 3:06

VOD 4G LTE 60

LIVE

Publication (प्रकाशन)

- ✓ The act or process of producing a book, magazine, etc., either on paper or online and making it available to the public /people to buy or read.
- ✓ A book, magazine, etc., that has been printed and made available to the public.
- ✓ The act of printing something (such as an article or photograph) in a magazine, newspaper, etc.
- ✓ The process of making information available to the public.

*The definition of publication is something that is written and printed.
A magazine is an example of a publication.*

Prof. Dr. B. D. Gachande's screen

Lecture 1:

Resource Person: Dr. U. S. Patki

Date & Time: 18/10/2021 (MON) 11.00-12.00 PM.

Topic Covered: CA: Formulas and functions of MS-Excel- Logical functions, Statistical functions and Mathematical functions.

Using Functions in Excel

	A	B	C	D	E	F
1		Sr. No.	Name	Marks		
2		1	Sachin	56		
3		2	Suresh	84		
4		3	Kapil	90		
5		4	Manoj	65		
6		5	Anil	78		
7		6	Rahul	42		
8		7	Virat	99		
9		8	Jaspreet	63		
10		9	Hardik	75		
11		10	Mohmad	83		
12						
13						

Formula Bar: =max(D2:D11)

Tooltip: =MAX(number1, [number2], ...)

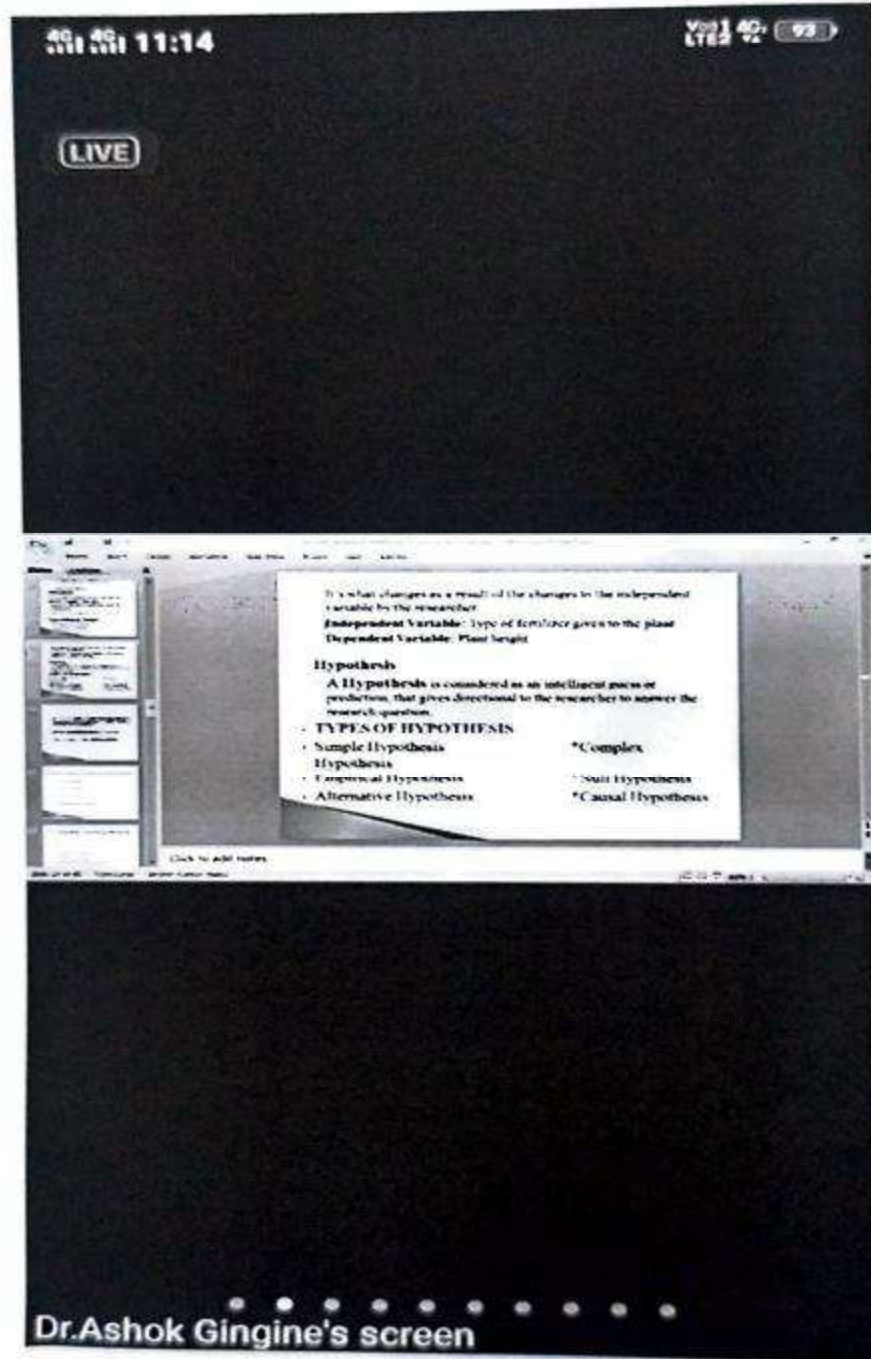
Dr. U.S. Patki's screen

Lecture 2& 3:

Resource Person: Dr. Ashok Gingine

Date & Time: 18/10/2021 (MON) 12.00-02.00 PM.

Topic Covered: RM-III: Non-probability sampling method- Convenience sampling, Judgemental sampling, Quota sampling, Snowball Sampling. Research Design- Plan, Strategy, Time and cost budgets. Overview of Research Design- Exploratory, Descriptive and Causal.



Lecture 4 & 5:

Resource Person: Dr. Kiran Shillewar

Date & Time: 18/10/2021 (MON) 03.00-05.00 PM.

Topic Covered: RM-VI: Thesis Writing and Presentation- How to start? An outline, Organization, A time table and alternative solution. What is thesis, for whom it is written? Style, presentation, suggested structure, Preface- division of chapters-synopsis, List of publications, Incorporating history of problem, Instrumentation, Experimental/theoretical findings, Analysis of results future plan of work.

4G 4G 3:33 VoLTE 4G 1722 4G 62%

LIVE

5) Thesis writing – Suggested Structure

The most important aspect of the PhD program,

1. Preface – division of chapters - synopsis
2. list of publications – journals/conference proceedings/ communicated
3. chapter - 1: incorporating the history of the problem
4. chapter – 2: experimental techniques employed / instrumentation / existing models established
5. chapter – 3,4 &5: experimental/theoretical findings

Vishal Marathe's screen

Day-10:

Lecture 1 & 2:

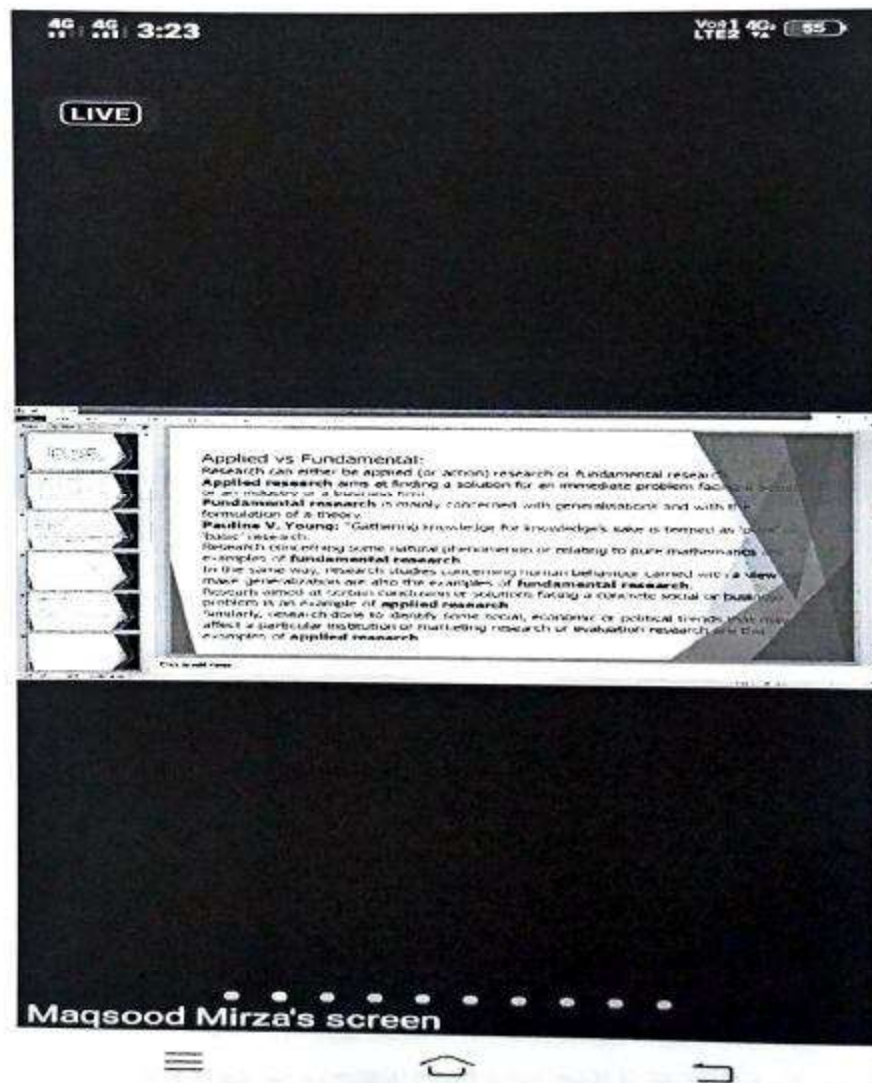
Resource Person: Dr. Maqsood Mirza

Date & Time: 20/10/2021 (WED) 11.00-01.00 PM.

Topic Covered: Types of Research- One time research and longitudinal research, Environment as base of Research- Clinical or Diagnostic research, Explanatory or formalized, Historical Research, Conclusion oriented research, Decision oriented research.

Report writing: Characteristics of research, Mechanism of report writing, Significance of report writing, Different steps in writing report- Logical analysis of the subject matter,

Preparation of the final outline, Preparation of the rough draft, Rewriting and polishing the rough draft, Preparation of final bibliography.

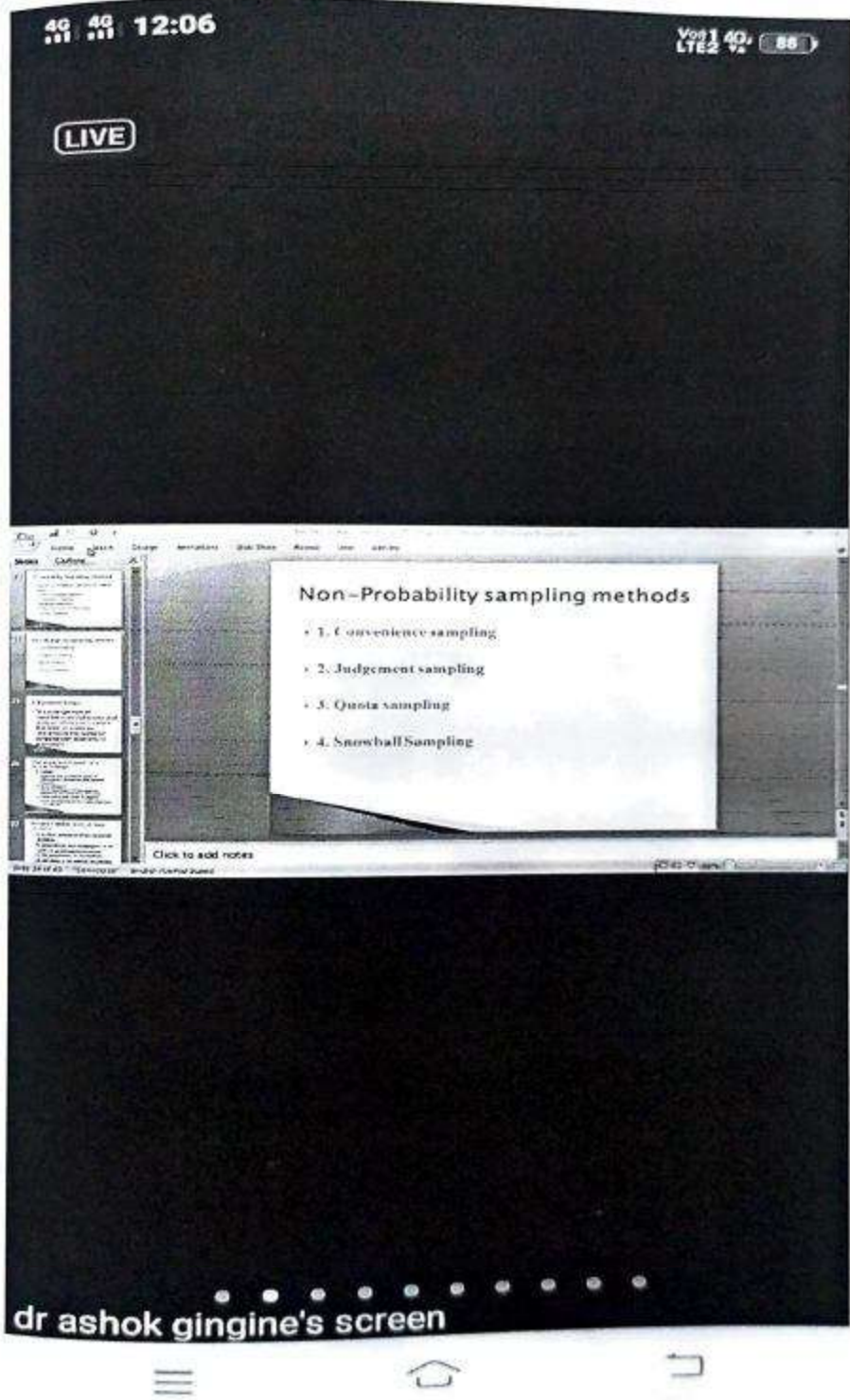


Lecture 3:

Resource Person: Dr. Ashok Gingine

Date & Time: 20/10/2021 (WED) 01.00-02.00 PM.

Topic Covered: Types of errors- sample error, Hypothesis error, Research tool error, Personal error, Processing error, Research design error and static parametric error. Factors affecting on research result- Hypothesis testing, Reliability, Validity.



Lecture 4 & 5:

Resource Person: Dr. M. M. V. Baig

Date & Time: 20/10/2021 (WED) 03.00-05.00 PM.

Topic Covered: Intellectual Honesty & Research integrity- Research integrity definition, Principles of research integrity- Honesty, Reliability, Use of robust research methodologies, Impartiality, Independence, Open communication, Duty of care for participants, Fairness, High standards of mentorship & supervision, Awareness of responsibilities to society. Roles, Responsibilities & Professional identity. Three levels of research integrity- Individual Researcher, Research culture and Research system. Scientific Integrity Plan (SIP), Responsible conduct of Research. Good Research practices.

Sibling Manuscripts

- Related papers submitted to different journals with no cross citation.
 - Fragments science – unhelpful to readers
 - Journals instruct authors to provide relevant papers including, in press and under review.
 - Greater likelihood paper will be accepted
 - Good publication practice is to provide
 - Full disclosure, full citation, full discussion of author's related work
- Szklo & Wlcox (2003) Am. J. Epidemiology 157:281

• • • • •
Dr. M. M. V. Baig's screen

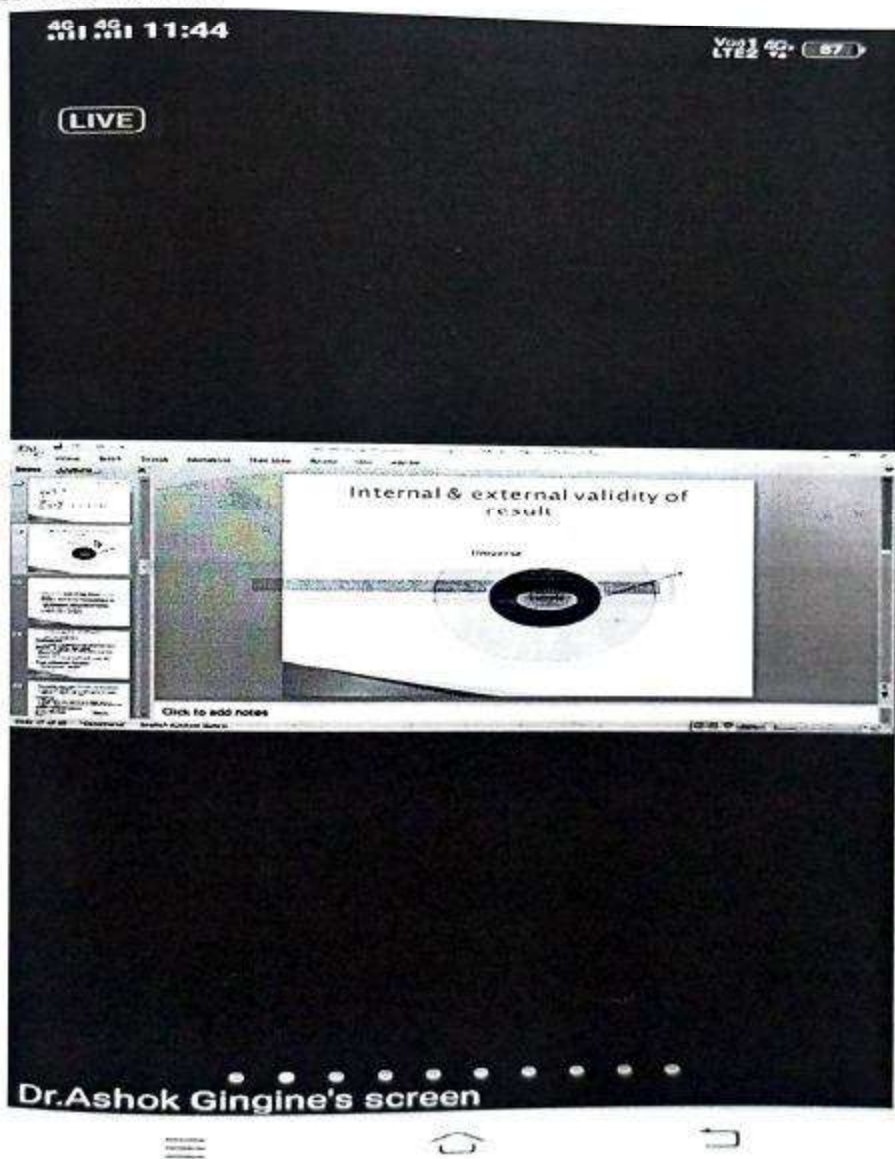
Day-11:

Lecture 1 & 2:

Resource Person: Dr. Ashok Gingine

Date & Time: 21/10/2021 (THU) 11.00-01.00 PM.

Topic Covered: Research Report Format- Quality (50 M) - Introduction, Review of literature, Scope of work, Research methodology, Problem statement, originality of work, Timeline of work, Contribution of the field, Conclusion drawn, Scope for future research in the field. Content (20 M) - Adequacy of data & information, Organization of the thesis, Practical applications/utility, Adequacy of references. Presentation (30 M) - Clear explanation of the work, sufficient details of the methods, Justification of the work done, Clarity of objectives, Freedom from redundant material & errors. Structure of Research Report- Preliminary, Main body and reference material.

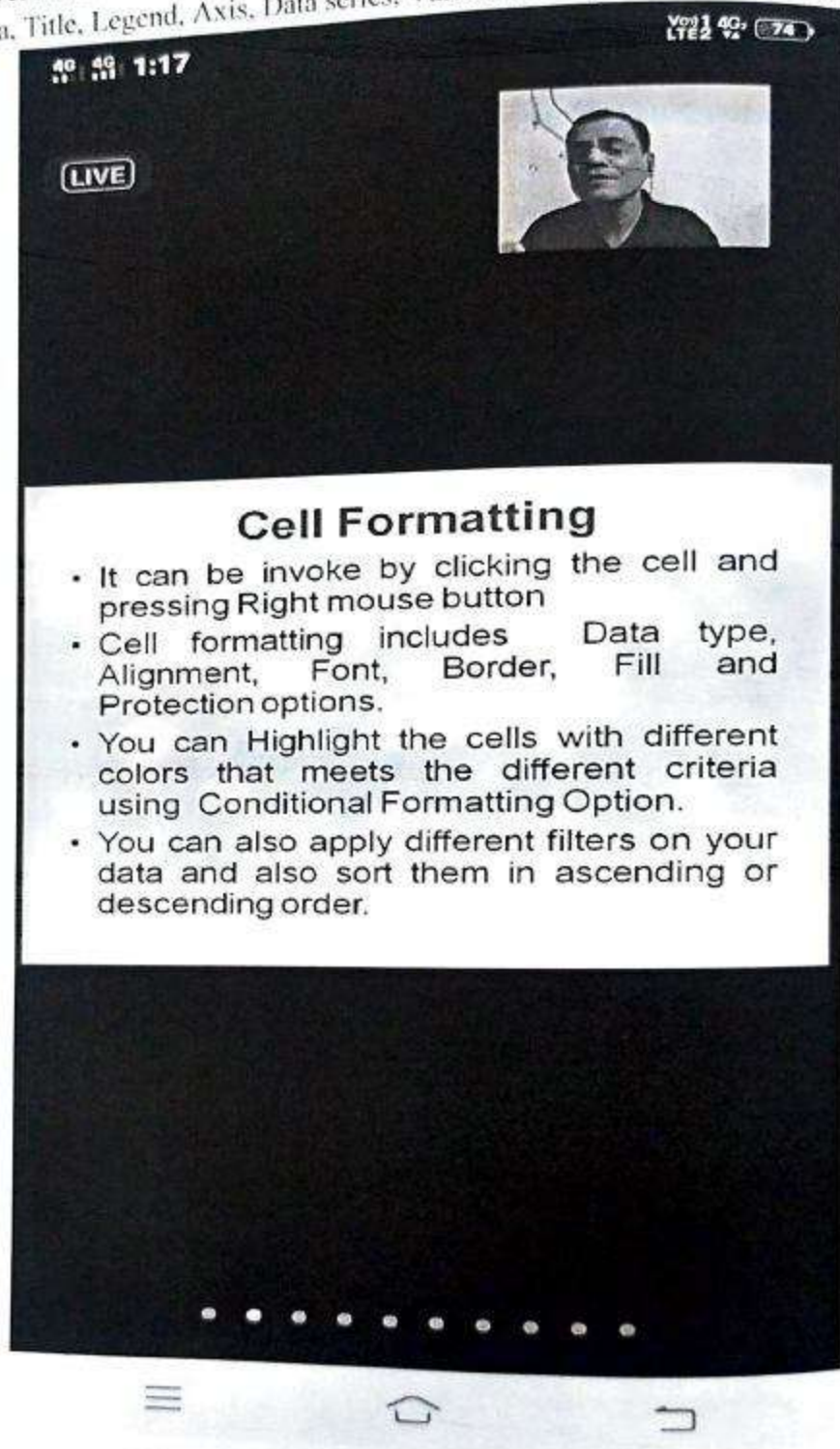


Lecture 3:

Resource Person: Dr. U. S. Patki

Date & Time: 21/10/2021 (THU) 01.00-02.00 PM.

Topic Covered: CA: MS-Excel creating charts in excel- Chart. Identifying parts of chart.
Source data, Title, Legend, Axis, Data series, Value axis. Steps to create a column chart.



The image shows a mobile device screen displaying a live lecture. At the top, there is a status bar with signal strength, 4G LTE2, and a battery level of 74%. Below the status bar, there is a 'LIVE' indicator and a small video feed of the lecturer, Dr. U. S. Patki. The main content of the slide is titled 'Cell Formatting' and contains a bulleted list of points. At the bottom of the screen, there is a navigation bar with three icons: a menu icon, a home icon, and a back icon.

Cell Formatting

- It can be invoke by clicking the cell and pressing Right mouse button
- Cell formatting includes Data type, Alignment, Font, Border, Fill and Protection options.
- You can Highlight the cells with different colors that meets the different criteria using Conditional Formatting Option.
- You can also apply different filters on your data and also sort them in ascending or descending order.

Lecture 4 & 5:

Resource Person: Dr. M. M. V. Baig

Date & Time: 21/10/2021 (THU) 03.00-05.00 PM.

Topic Covered: Academic & Research integrity, Practice & Model the values of academic integrity, Research misconduct- Plagiarism, Falsification & Fabrication. Criteria for Research Misconduct, Fake-Fraudulent Data, Whistle Blowing Misconduct. Causes of the rise of cheating & Plagiarism- Peer acceptance, Lack detection, Lack of consequences, Availability & ease of internet sources, Product oriented assignments & examinations, Mentor Responsibilities, Self-plagiarism, Top ten Poor behaviours.

Acceptable Secondary Publication

- Guidelines, another language, commemorative
 - Approval from editors of both journals
 - Priority of primary publication is respected
 - Paper for secondary publication is intended for a different audience
 - Secondary version faithfully reflects data and interpretations of primary version
 - Footnote on title page of secondary version states primary reference
 - "This article is based on a study first reported in the J. ..."

Dr. M. M. V. Baig's screen



Day-12:

Lecture 1 & 2:

Resource Person: Dr. S. L. Jadhav

Date & Time: 22/10/2021 (FRI) 11.00-01.00 PM.

Topic Covered: Hypothesis, Formulation of research proposal- Plan, structure and strategy of research study. Position of Hypothesis. Basic example of Hypothesis- Observation of problem. Question, Hypothesis, Experiment, Check result and conclusion. Features of good hypothesis. Importance of good Hypothesis. Variables- Independent and Dependent variable. Types of Hypotheses- Alternative Hypothesis, Simple, Complex, Directional, Non-directional. Causal Associate Hypothesis. Null Hypothesis- Simple null, Complex null. Causal and associate hypothesis.

Formulation of Research Proposal

- In general while formulating research proposal the whole scheme of things is categorized in three folds. – viz.
- 1. Plan – It includes the major frame work of activities that the researcher wishes to accomplish under the banner of particular research study such as writing of Hypothesis and their operational implications to the final analysis of data.

Dr. S. L. Jadhav's screen

Lecture 3:

Resource Person: Dr. U. S. Patki

Date & Time: 22/10/2021 (FRI) 01.00-02.00 PM.

Topic Covered: MS-Excel Research Data Handling in Excel- Data grouping in Excel. Pivot table in Excel. OLE (Object Linking and Embedding).

Data Grouping in Excel

- Data Grouping Involves following steps:
- Select the data that you want to Group together.
- Select Group option present in "Data" on Ribbon.
- Now you can Subtotal Option to Subtotal the Data.
- Not that your must sort the data according the column on which you want to calculate the Subtotal.
- You can finally remove the Subgroups simply by Clicking on Ungroup Option.

● ● ● ● ● ● ● ● ● ●
Dr. U.S. Patki's screen

Lecture 4 & 5:

Resource Person: Dr. M. M. V. Baig

Date & Time: 22/10/2021 (FRIDAY) 03.00-05.00 PM.

Topic Covered: Duplicate publication, Republication- Guidelines, Dos & Don'ts to avoid duplicate publications, Redundant publication editorial responsibilities, Dos & Don'ts for the authors, Different types of duplicate articles, Simultaneous Publication Problems, Salami Slicing Publication, COPE (Committee on Publication Ethics).

2) Simultaneous Submission

The practice of submitting the same manuscript to two or more journals at the same time without informing the respective scientific journal editors is known as simultaneous or multiple or dual submission.



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Dr. M. M. V. Baig's screen

Day-13:

Lecture 1 & 2:

Resource Person: Dr. Harishchandra Patange

Date & Time: 23/10/2021 (SAT) 11.00-01.00 PM.

Topic Covered: RM-V: Decision making with Hypothesis Testing. Hypothesis Testing: T-test and F-test. Problem based on T-test and F-test.

4G 4G 12:44 71%

LIVE

Calculation of Chi Square Value

O	E	O-E	(O-E) ²	(O-E) ² /E
49	32	17	289	9.03125
25	32	-7	49	1.53125
15	16	-1	1	0.0625
11	14	-3	9	0.642857
26	18	8	64	3.555556
8	9	-1	1	0.111111
7	10	-3	9	0.9
7	10	-3	9	0.9
7	5	2	4	0.8
z ² = Σ [(O _{ij} -E _{ij}) ² /E _{ij}]				18.9826

$z^2 = \sum \frac{(O_{ij}-E_{ij})^2}{E_{ij}} = 18.9826$

For Degrees of freedom (df) in this case = $(r-1)(c-1) = (3-1)(3-1) = 4$. The table value of z^2 for 4 degree of freedom at 5 per cent level of significance is 9.49.

The calculated value of z^2 (18.9826) is greater than the table value of z^2 (9.49). Hence, the above null hypothesis (H_0) is rejected. It means that there is association between two attributes A and B.

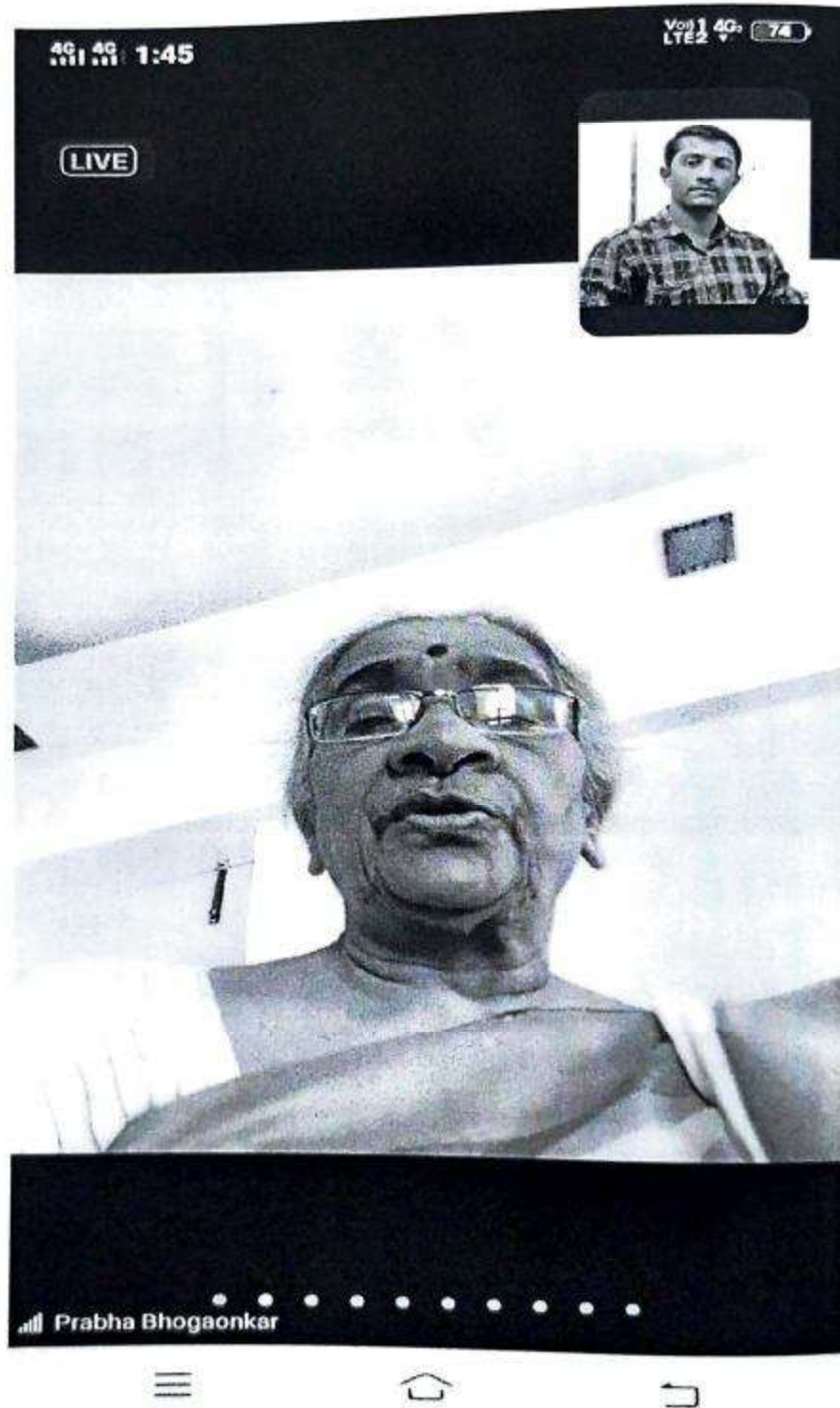
Dr Harishchandra Patange's screen

Lecture 3:

Resource Person: Dr. Prabha Bhagonkar (Yadav)

Date & Time: 23/10/2021 (SAT) 01.00-02.00 PM.

Topic Covered: Research ethics and IPR (Intellectual property Rights).

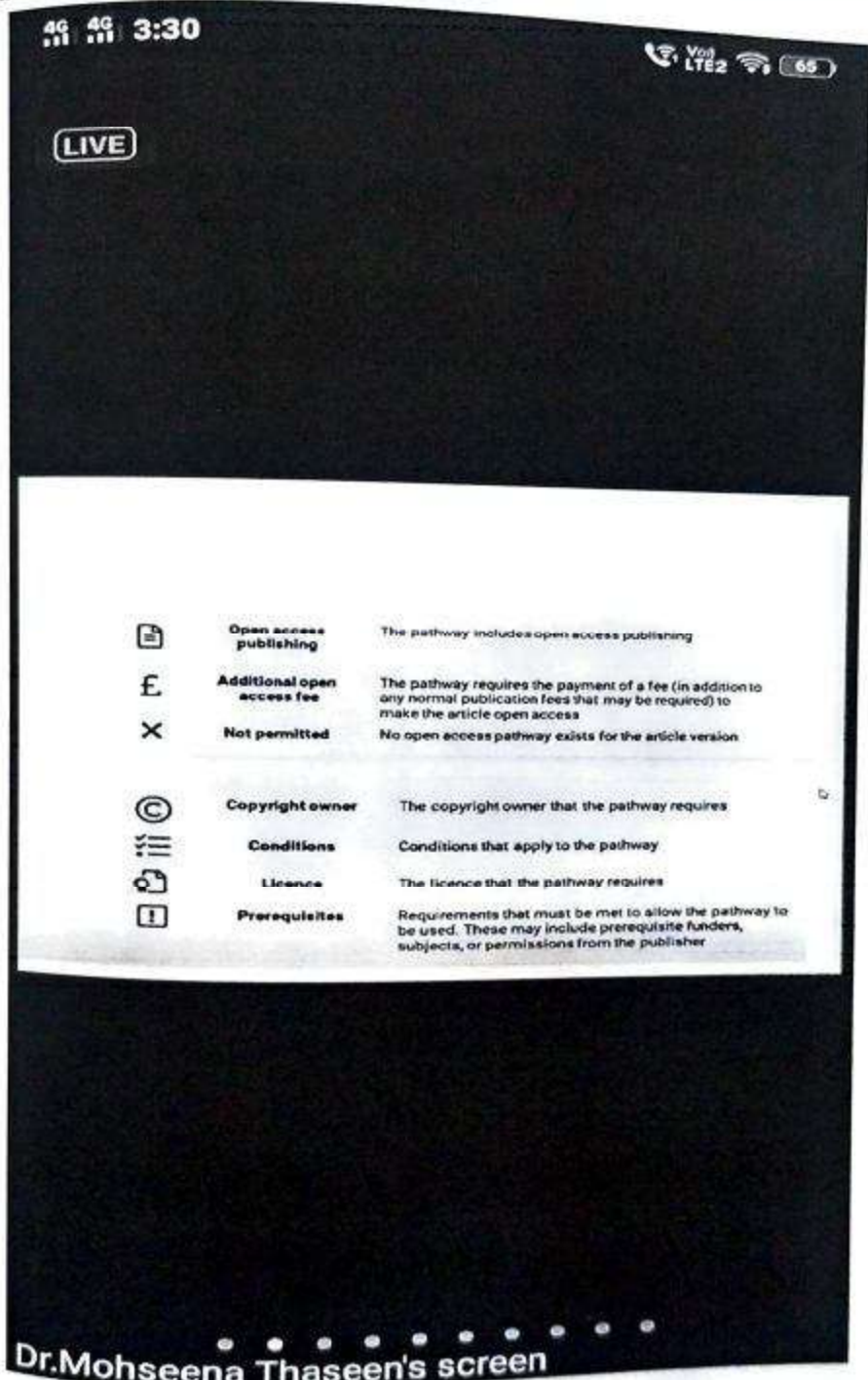


Lecture 4 & 5:

Resource Person: Dr. Mohseena Thaseen

Date & Time: 23/10/2021 (SAT) 03.00-05.00 PM.

Topic Covered: RPE-V: Database index- Academic citation indexes, Citation metrics, Cited reference searching. Citation method- Google Scholar metrics, Altimetric, Hirsch index (h-index), Impact factor, g-index.



Dr.Mohseena Thaseen's screen

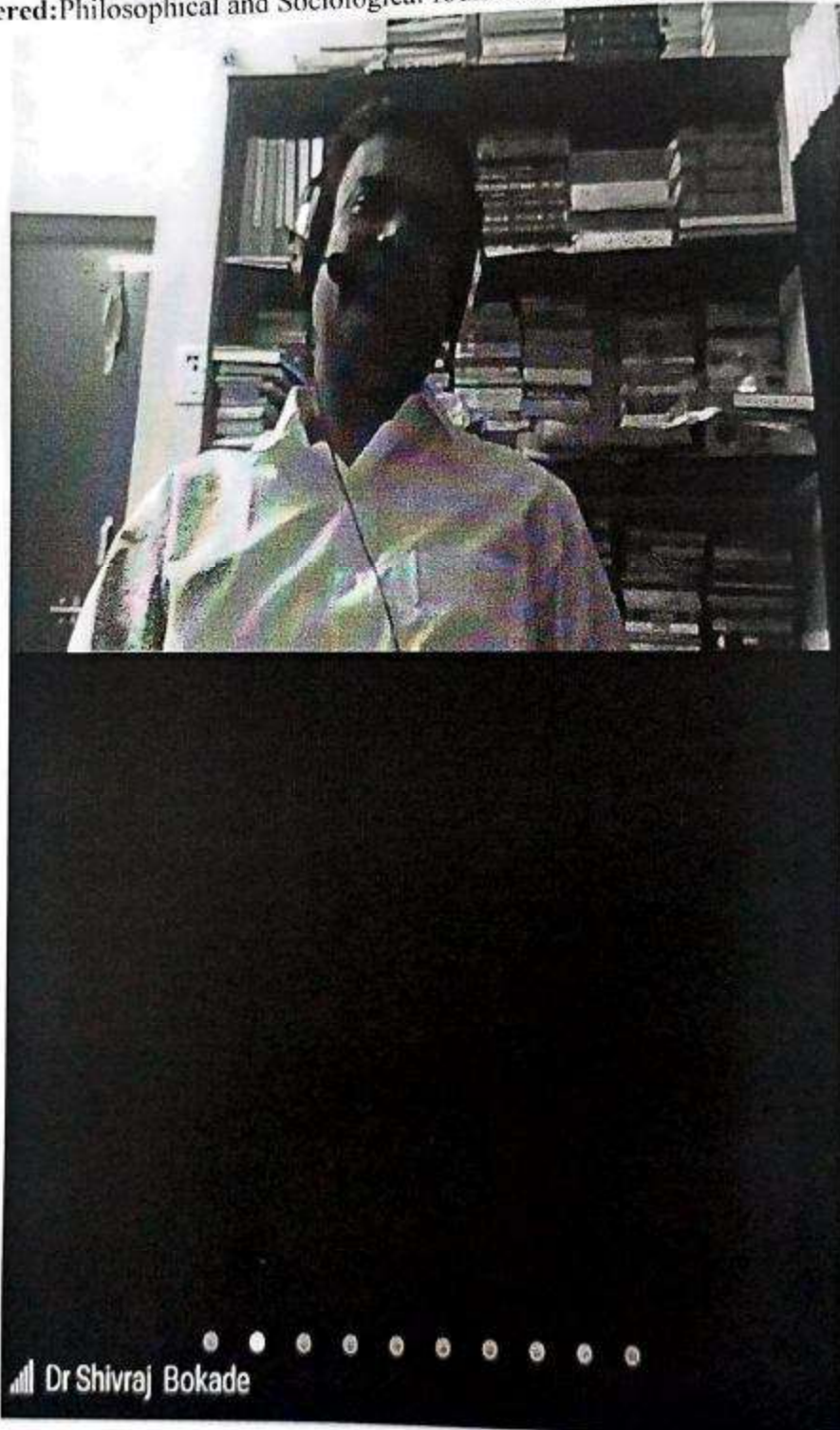
Day-14:

Lecture 1 & 2:

Resource Person: Dr. Shivraj Bokade

Date & Time: 24/10/2021 (SUN) 11.00-01.00 PM.

Topic Covered: Philosophical and Sociological foundation of Research.



Lecture 3:

Resource Person: Dr. U. S. Patki

Date & Time: 24/10/2021 (SUN) 01.00-02.00 PM.

Topic Covered: CA: MS-Excel: Review Tab- Spelling, Research, Translate, Comment, protect sheet and Protect workbook.

Data Grouping in Excel

- Data Grouping Involves following steps:
- Select the data that you want to Group together.
- Select Group option present in "Data" on Ribbon.
- Now you can Subtotal Option to Subtotal the Data.
- Not that your must sort the data according the column on which you want to calculate the Subtotal.
- You can finally remove the Subgroups simply by Clicking on Ungroup Option.

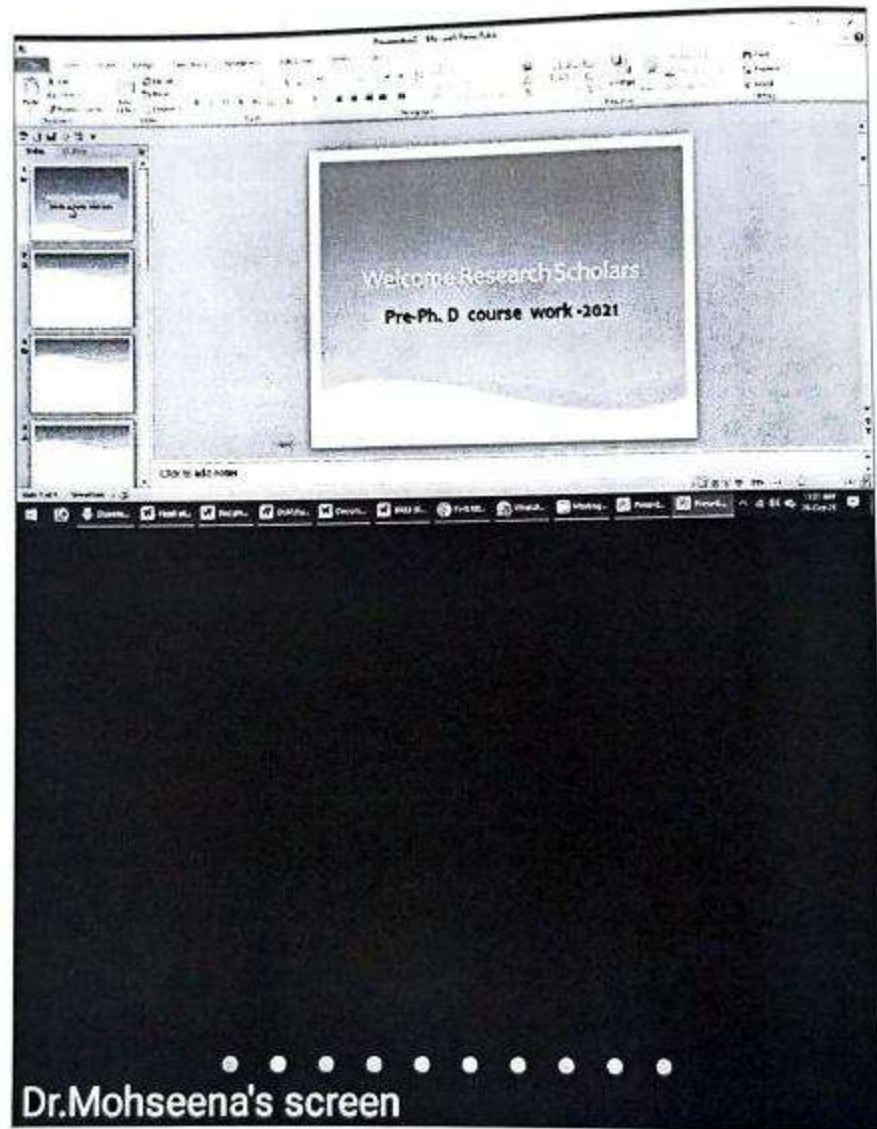
● ● ● ● ● ● ● ● ● ●
Dr. U.S. Patki's screen

Lecture 4 & 5:

Resource Person: Dr. Mohseena Thaseen

Date & Time: 24/10/2021 (SUN) 03.00-05.00 PM.

Topic Covered: CA: Microsoft Power Point: Presentation- Graphs, pictures, Tables. 2.0
Current version. New features, Save file extension- identification-.ppt, .txt, .doc., xls, .png, .jpg, .zip.



Day-15:

Lecture 1 & 2:

Resource Person: Dr. Maqsood Mirza

Date & Time: 25/10/2021 (MON) 11.00-01.00 PM.

Topic Covered: Significance of Report Writing – Logical analysis of the subject matter. Preparation of the final outline, preparation of the rough draft, Rewriting and polishing the rough draft. Preparation of bibliography and writing the final draft. Layout of Research report – Preliminary pages, main text and end matter. Mechanics of writing a research report – Size and physical design, procedure, layout, treatment of quotations, footnotes, documentation style and punctuations in footnotes.

The slide is titled "LAYOUT OF RESEARCH REPORT". It contains the following text:

The layout of research report should be prepared in accordance with the following guidelines. A research report should consist of the following:

(A) Preliminary Pages

In its preliminary pages, the report should carry a title and abstract, followed by acknowledgements, in the form of "Preface" or "Foreword". It must be followed by table of contents followed by list of tables and illustrations so that it becomes easy to locate the required information.

(B) Main Text

The main text provides the complete outline of the research report along with all details. Title of the research study is repeated at the top of the first page of the main text and then follows other details on pages numbered consecutively, beginning with the second page.

Each main section of the report should begin on a new page. The main text of the report should have the following sections:

- i. Introduction
- ii. Statement of findings and recommendations
- iii. The Future
- iv. The Implications drawn from the results
- v. The Summary

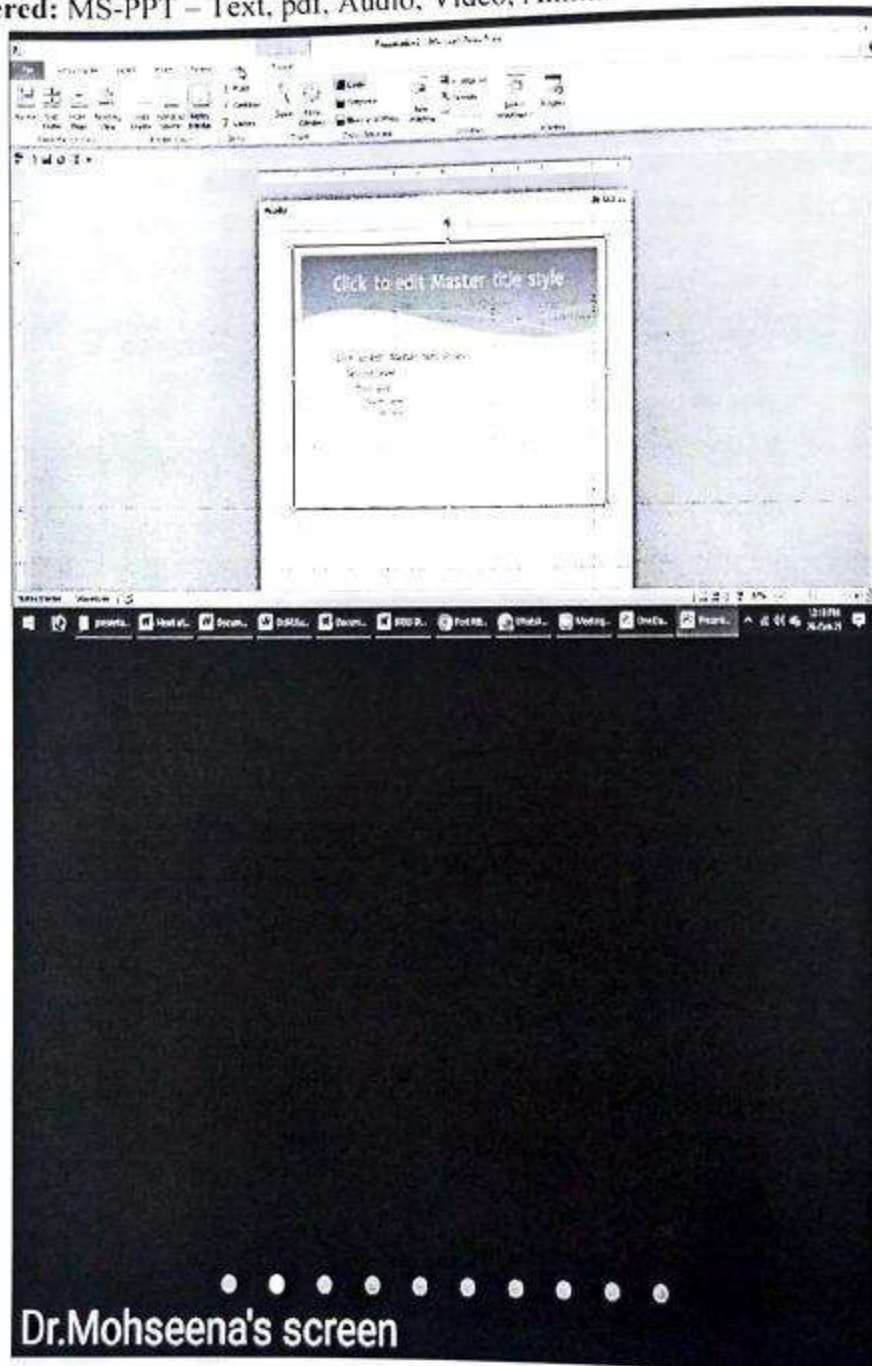
At the bottom of the slide, there is a row of ten dots, with the first one filled. Below the dots, the text "Maqsood Mirza's screen" is displayed. At the very bottom of the image, there are three navigation icons: a hamburger menu, a home icon, and a back arrow.

Lecture 3:

Resource Person: Dr. Mohseena Thaseen

Date & Time: 25/10/2021 (MON) 01.00-02.00 PM.

Topic Covered: MS-PPT – Text, pdf, Audio, Video, Animation.



Dr.Mohseena's screen



Lecture 4 & 5:

Resource Person: Dr. M. M. V. Baig

Date & Time: 25/10/2021 (MON) 03.00-05.00 PM.

Topic Covered: Anti-plagiarism software's – Introduction, Basics, Classification – Accidental, intentional, unintentional, and self-plagiarism. Turnitin, Urkund, Quetext, EasyBig, PlagScan, Plagamme, Copyleaks, Small SEO tools, Search Engine Reports, PaperRater and EduBirdie. Disadvantages of free plagiarism checkers.

The screenshot displays a Turnitin Report interface. At the top, the title "Turnitin Report" is centered. Below the title, a summary bar shows the following similarity percentages: 10% Similarity Index, 9% Internet Sources, 10% Publications, and 9% Student Papers. Under the heading "SIMILAR SOURCES", there is a list of four items:

Rank	Source	Similarity Percentage
1	sphinxesai.com <small>Internet Source</small>	3%
2	Maurya Santosh Kumar, Seth Ankit, Dev Nath Singh Gautam, Singh Anil Kumar. "Biodiversity and Indigenous Uses of Medicinal Plant in the Chandra Prabha Wildlife Sanctuary, Chandauli District, Uttar Pradesh", International Journal of Biodiversity, 2015 <small>Publication</small>	2%
3	krishikosh.egranth.ac.in <small>Internet Source</small>	1%
4	Thangiraj Francis Xavier, Moothy Kannan, Leyana Liji, Anthony Sunny Auxilia et al.	1%

At the bottom of the screen, there is a black bar with the text "Dr. M. M. V. Baig's screen" and a row of seven white dots. Below this bar are three navigation icons: a hamburger menu, a home icon, and a back arrow.



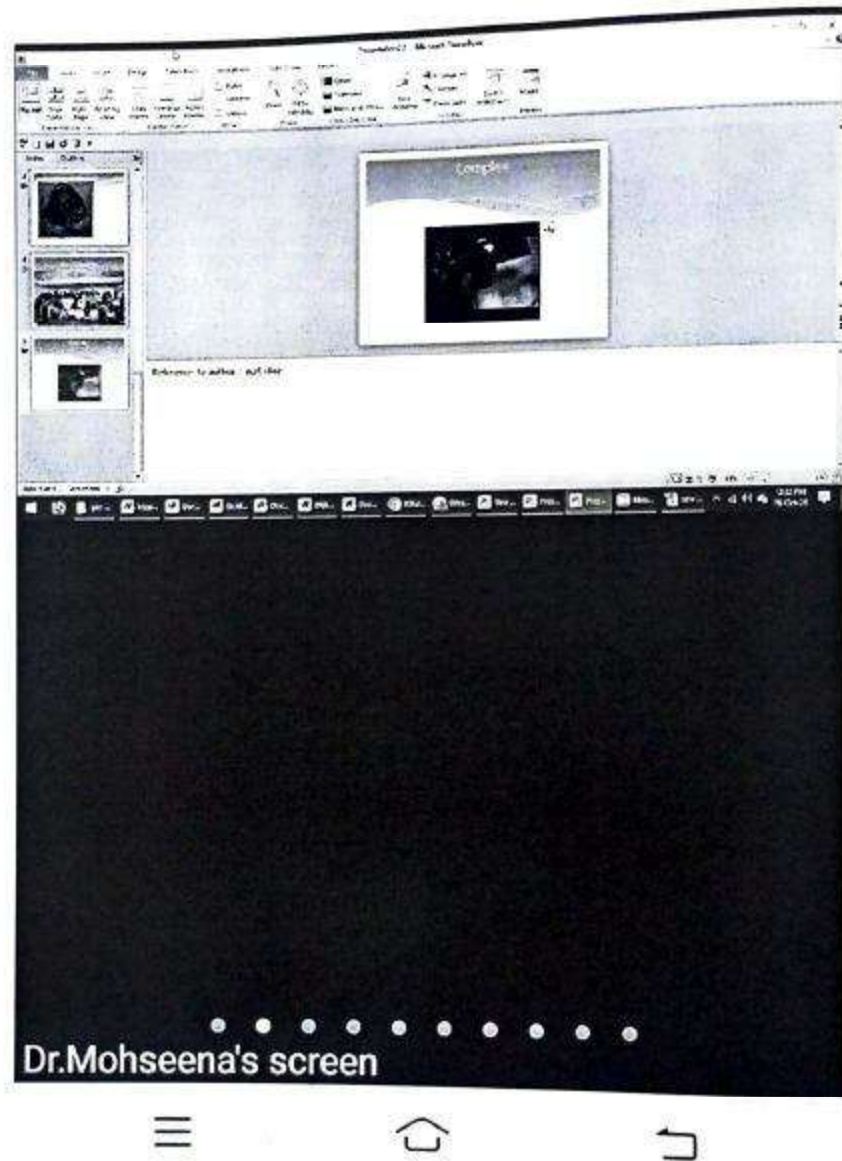
Day-16:

Lecture 1 & 2:

Resource Person: Dr. Mohseena Thaseen

Date & Time: 26/10/2021 (TUE) 11.00-01.00 PM.

Topic Covered:MS-PPT – Layout, view, review, SlideShare and auto window.



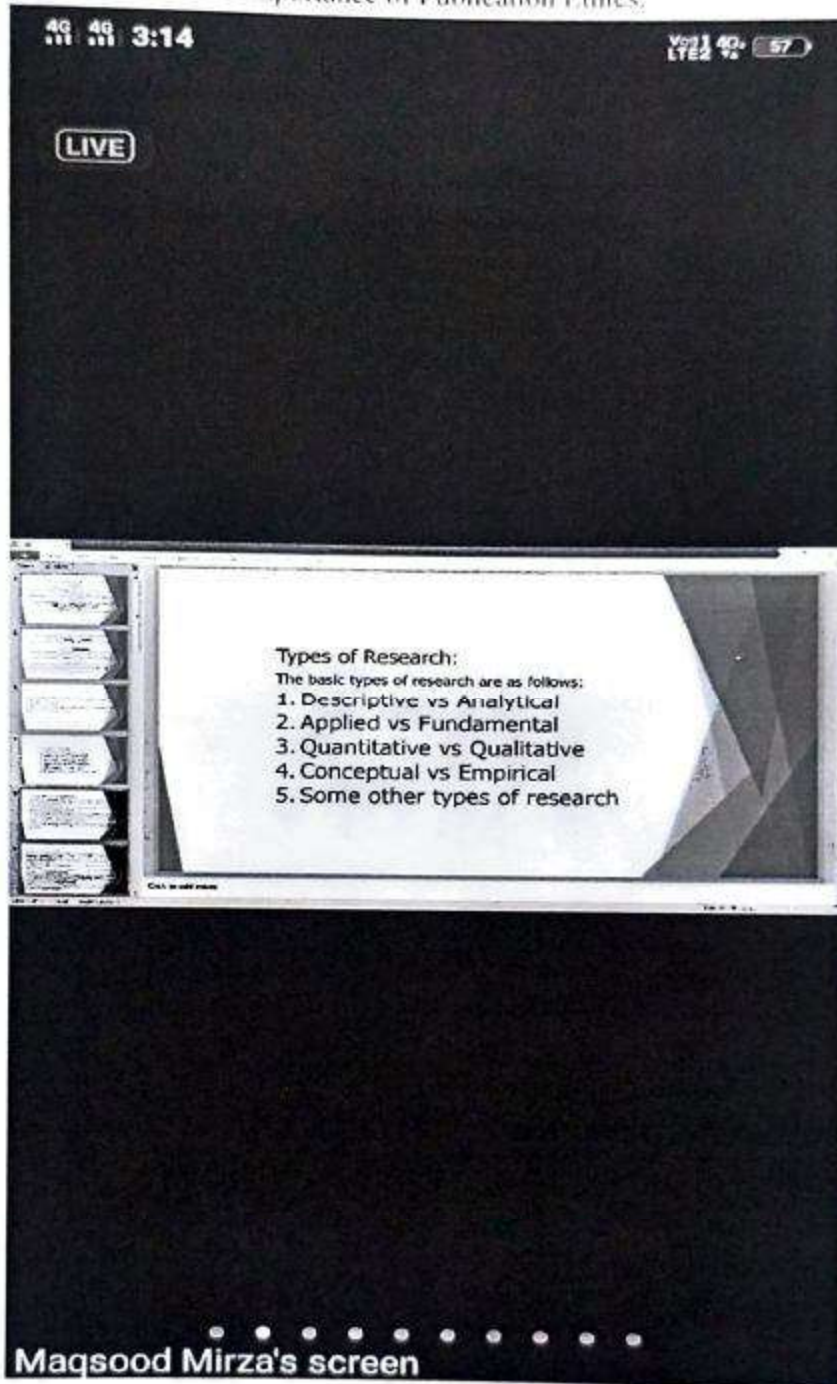
Lecture 3:

Resource Person: Dr. Maqsood Mirza

Date & Time: 26/10/2021 (TUE) 01:00-02:00 PM

Topic Covered: RPE: Publication Ethics - Definition, introduction, and importance.

Objectives of Research Ethics, Importance of Publication Ethics.



Lecture 4 & 5:

Resource Person: Dr. Ashok Gingine

Date & Time: 26/10/2021 (TUE) 03.00-05.00 PM.

Topic Covered: RM: Overview of Research Methodology (All content).

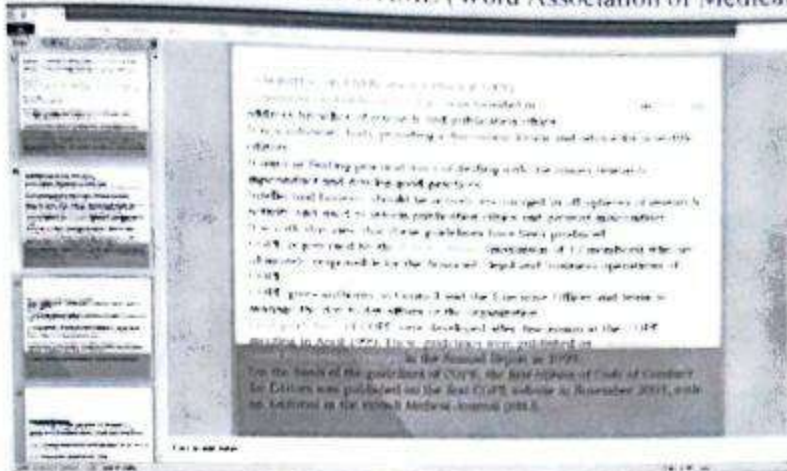
Day-17:

Lecture 1 & 2:

Resource Person: Dr. Maqsood Mirza

Date & Time: 27/10/2021 (WEN) 03.00-05.00 PM.

Topic Covered: COPE (Commission for Publication Ethics) – Guidelines, more serious misconduct, and less serious misconduct. WAME (Word Association of Medical Editors).



Maqsood Mirza's screen

Day-18:

Lecture 1:

Resource Person: Dr. Jayprakash Duve

Date & Time: 28/10/2021 (THU) 11.00-12.00 PM.

Topic Covered: CA: Question and Answer session, question base on MS-word.

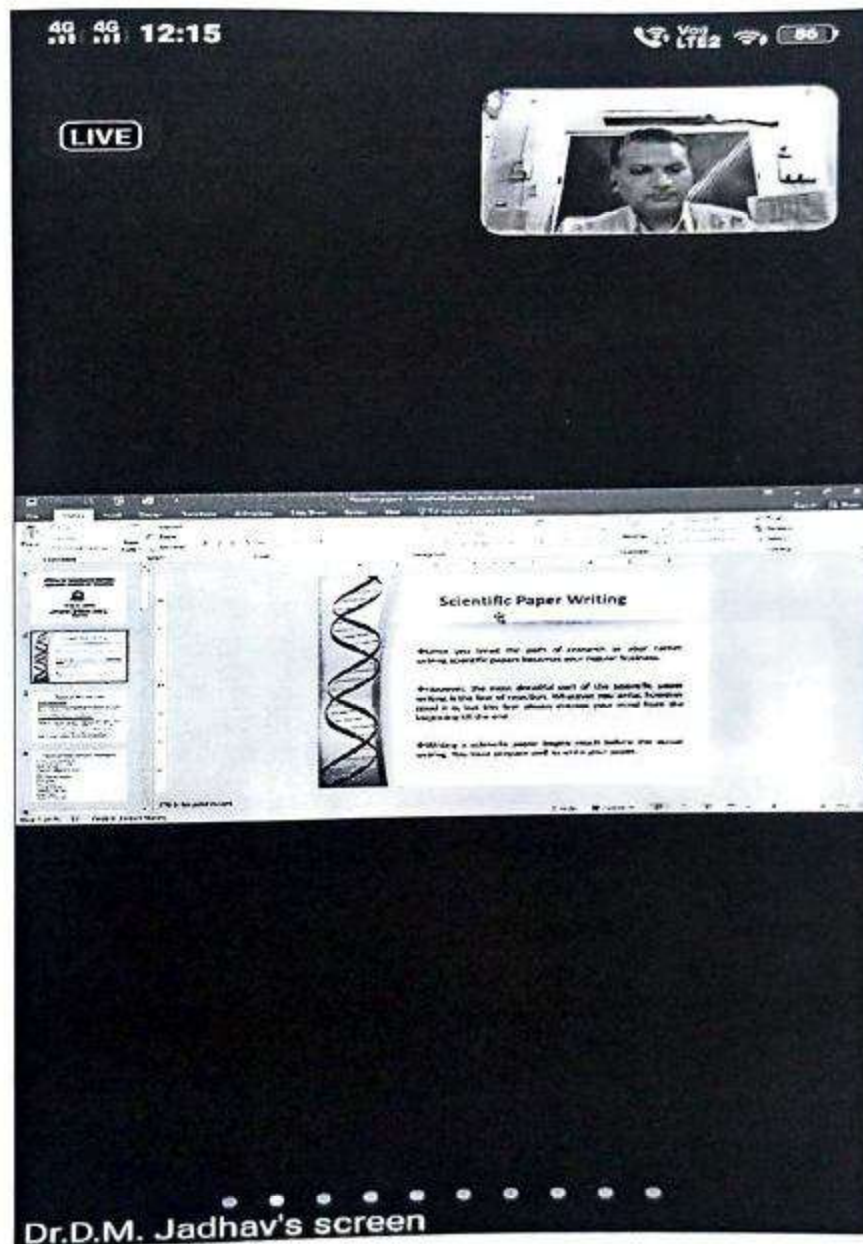
The image is a screenshot of a live video lecture. The top portion shows a mobile phone interface with a black background. In the top left, there are signal strength icons, '4G' labels, and the time '11:50'. In the top right, it shows 'Vo 1 4G LTE2' and a battery icon at '89%'. A white 'LIVE' badge is positioned on the left side. A small video window in the top right shows a man with a beard and glasses speaking. The bottom portion of the screenshot shows a Microsoft Word document. The document text reads: 'From the Home tab we have to use the styles group to apply the different headings to the heading in the documents. Particularly Heading 1 is used for main heading or title. Heading 2 and Heading 3 are used for Subheading. To apply the Headings follow the following steps. 1. Move to the cursor to heading to which you want to apply the Heading style and select it by pressing left mouse button and dragging mouse over it. 2. Now click on Home tab and move to the Styles group from which select appropriate Heading style for your heading. 3. Repeat the step 1 and 2 for the whole document from top to bottom.'

Lecture 2:

Resource Person: Dr. D. M. Jadhav

Date & Time: 28/10/2021 (THU) 12.00-01.00 PM.

Topic Covered: Scientific Paper Writing – Types of manuscript, Types of journals, Types of manuscript submissions, structure of research paper – Introduction, Methods, Results and Discussion. Writing a research report – Abstract, Introduction (review of literature), Material, Methods, Results, Conclusions and discussion and references.



Lecture 3:

Resource Person: Dr. A. T. Shinde

Date & Time: 28/10/2021 (THU) 01.00-02.00 PM.

Topic Covered: Ethical issues in Research and Publications, Basic principles of Research Ethics – Honesty, objectivity, Integrity, carefulness, openness, Respect for IPR, Confidentiality, Respect for colleagues, Non-discrimination, and social responsibility. Important areas in research ethics, Ethical guidelines.

The image shows a mobile phone screen during a live video lecture. At the top, the status bar displays '4G LTE2' and a battery level of '75'. The time is '1:28'. A 'LIVE' indicator is visible on the left. A video window in the upper right shows a man speaking. Below the video, a presentation slide is displayed with the title 'Basic Principles of Research Ethics' and a list of principles.

Basic Principles of Research Ethics

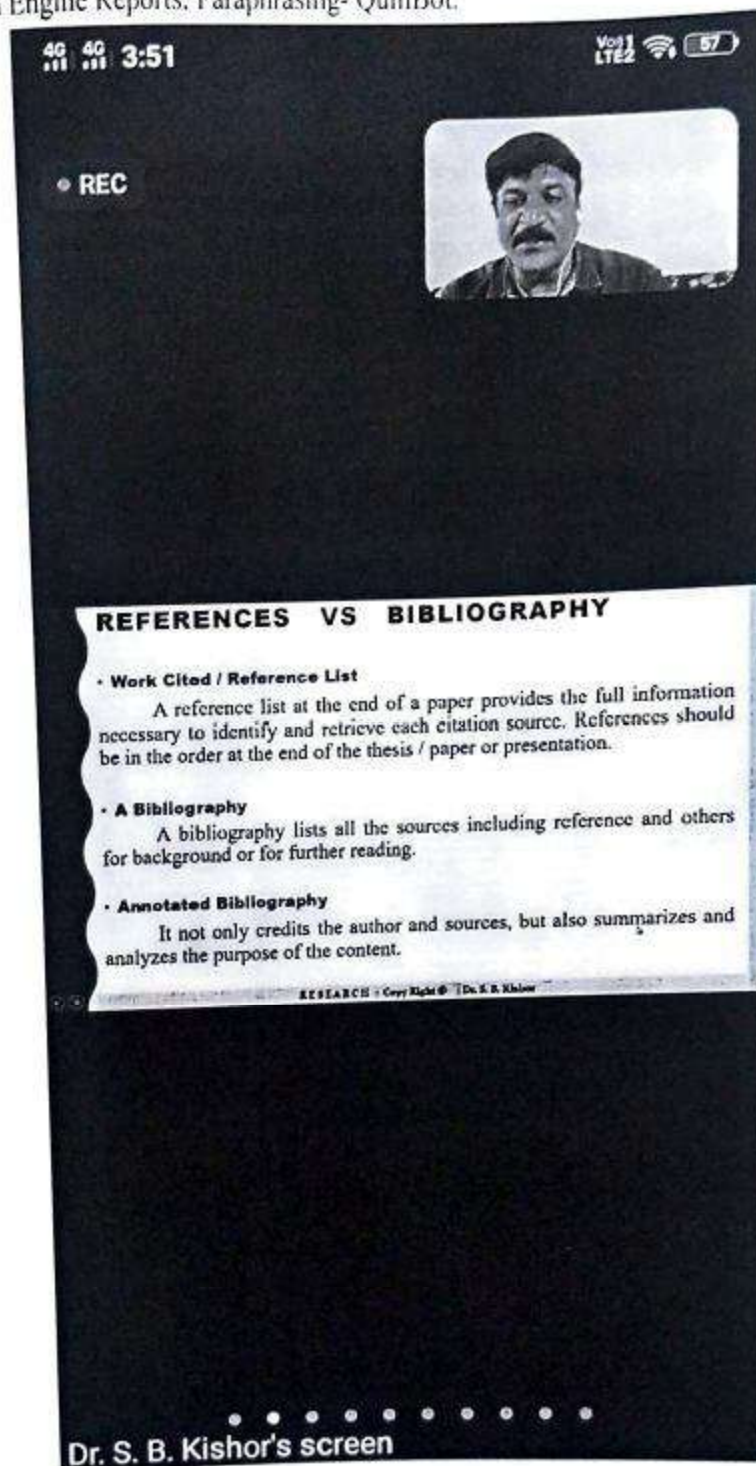
- Honesty
- Objectivity
- Integrity
- Carefulness
- Openness
- Respect for intellectual property
- Confidentiality
- Respect for colleagues
- Non discrimination
- Social Responsibility

Lecture 4 & 5:

Resource Person: Dr. S. B. Kishor

Date & Time: 28/10/2021 (THU) 03.00-05.00 PM.

Topic Covered: Open slido.com, Reference formatting, Plagiarism software - SmallSEO tool, Search Engine Reports, Paraphrasing- QuillBot.



4G LTE 3:51 57

REC

REFERENCES VS BIBLIOGRAPHY

- **Work Cited / Reference List**
A reference list at the end of a paper provides the full information necessary to identify and retrieve each citation source. References should be in the order at the end of the thesis / paper or presentation.
- **A Bibliography**
A bibliography lists all the sources including reference and others for background or for further reading.
- **Annotated Bibliography**
It not only credits the author and sources, but also summarizes and analyzes the purpose of the content.

RESEARCH - Copy Right © | Dr. S. B. Kishor

Dr. S. B. Kishor's screen

Day-19:

Lecture 1 & 2:

Resource Person: Dr. Sangita Modi

Date & Time: 29/10/2021 (FRI) 11.00-01.00 PM.

Topic Covered: MS-PPT – Applying design templates, changing background of the slides, text and clipart slide, table slide, slide sorter view, slide show view, running and closing a presentation, font and font and formatting, deleting slides, hiding slide, inserting picture into a slide, inserting word art, animation, printing slides, notes and handouts, addition of animated GIF to a slide, footer in ppt slide, page number in ppt.

The screenshot shows a mobile screen recording of a PowerPoint presentation. At the top, the status bar displays signal strength, time (12:11), and battery level (72%). A 'REC' indicator is visible in the top left corner. A video feed of the presenter is in the top right. The main content is a slide titled 'How to add page numbers to your PowerPoint slides to organize your presentation'. The slide contains a list of steps for adding slide numbers. At the bottom, a caption reads 'Dr. Sangita S. Modi's screen'.

4G 4G 12:11 VoLTE 4G LTE2 72

• REC

How to add page numbers to your PowerPoint slides to organize your presentation

- In PowerPoint, click "View" in the list of options at the top of the window, and then click on "Slide Master."
- Click on the parent slide at the very top of the slide menu.
- In the "Slide Master" tab, click "Master layout" to bring up a dialog box.
- In the "Master Layout" placeholder box, make sure you have "Slide Numbers" checked — it's the default setting, but it may be turned off for some templates.
- Your slide master's placeholder will appear with a # symbol in it. Use your cursor to move it to the position you'd like it in — it shows up on all of your slides in the same position by default.
- Return to the Slide Master tab and click the red "X" labeled "Close Master View." This will close the Slide Master so you can go back to editing slides individually.
- Next, go to the "Insert" tab and click "Slide Number," under "Text," to bring up the Header and Footer dialog box.
- In the Header and Footer box, check the box next to "Slide Number" to have your numbers show in the spot you indicated on your slide.
- You can also check the "Don't Show On Title Slide" box if you don't want your title slide to be counted as a numbered page.
- When you're finished, either click "Apply" to apply the slide number to only the slide you're currently working on, or "Apply to All" to apply slide numbers to all the slides in your presentation.
- Note that even if you click Apply to All, slide numbers won't appear on slides for which you've manually removed the slide number placeholder.

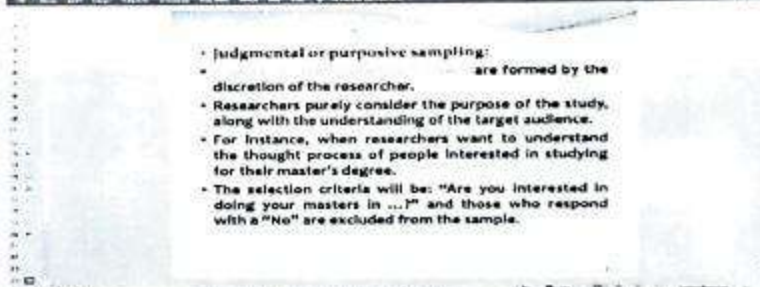
Dr. Sangita S. Modi's screen

Lecture 3:

Resource Person: Dr. D. R. Mundhe

Date & Time: 29/10/2021 (FRI) 01.00-02.00 PM.

Topic Covered: RM: Methods of Research data collection- concept of sampling, Fundamental sampling – Universe/ population, sampling frame, sampling design, statistics and parameters sample error, precision, and confidence level. Types of sampling – Probability sampling method – Simple, Cluster, Systematic and stratified. Non-probability sampling method – Convenience sampling, Judgemental or purposive sampling, Snowball sampling and quota sampling.



Lecture 4 & 5:

Resource Person: Dr. Maqsood Mirza

Date & Time: 29/10/2021 (FRI) 03.00-05.00 PM.

Topic Covered: RPE-III: WAME (World Association of Medical Editors) – Modus operandi of WAME, Administration of WAME, International society of Managing and Technical Editors (ISMTE), Council for International Organization of Medical Sciences (CISOMS), International Committee of Medical Journal Editors (ICMJE), The European Association of Science Editors (EASE), Conflict of interest, Publication misconduct, Misconduct by Editors, Publishers, and Peer-reviewers. Types of Publication Misconduct- Submission of fraudulent data, Incomplete processed data, Breaches of confidentiality, Authorship issues raised, Complete interest, Redundant/Duplicate publication, Plagiarism issue. Predatory publishers and Journals.

What are
benefits of
Altmetrics?

For Publishers

- Altmetric offers services to help you monitor, browse, search, filter and measure all of the conversations surrounding published research.

For Institutions

- Provide detailed attention insights for faculty, staff and students and help them see a richer picture of the reach and influence of research.

For Researchers

- See who is talking about your research and that of your peers. Demonstrate the influence of your work to funders and evaluation committees.

For Funders

- Monitor how funded research has been received and disseminated, and where it is having an influence on public policy.

For Research & Development

- Make data-driven strategic decisions with up-to-the minute insights of the online engagement surrounding published research.

Dr. M. M. V. Baig's screen

Day-20:

Lecture 1 & 2:


Resource Person: Dr. Rupeshkumar Deshmukh

Date & Time: 30/10/2021 (SAT) 11.00-01.00 PM.

Topic Covered: Data types, Data sources – Primary data sources and secondary data sources. Types of Data – Quantitative data - Discrete and continuous data (Interval scale and Ratio Scale), Qualitative data – Nominal data and ordinary data. Presentation of data – Tabular presentation (Simple table, Frequency table and Cross table) and graphical presentation (Histogram, line diagram/chart, Scatter diagram (dot diagram) Box plot diagram and Pie diagram, Bar diagram and proportional bar diagram. Measure of central tendency and measure of Dispersion, Measure of central tendency – Mean, Median and Mode. Coefficient of variation, Test of significance, t-test.

4G 4G 12:18 VoLTE 79

LIVE



Example of Median for Grouped Data

Ex.-The Serum cholesterol level(mg/dl) of 10 subjects were found to as follows, 192,242,203,212,175,284,256,218,182,228.

Choles. level	No. of subjects(<i>f</i>)	c.f.
175-200	3	3
200-225	3	6
225-250	2	8
250-275	1	9
275-300	1	10
	$\sum f = 10$	

$\frac{N}{2} = \frac{\sum f}{2} = \frac{10}{2} = 5$
c.f. just greater than 5 is 6
Therefore median class is 200 - 225
Median = $l + \frac{\frac{N}{2} - c}{f} = 200 + \frac{5 - 3}{3} = 200 + 0.66 = 210.66$

Lecture 3:

Resource Person: Dr. M. M. V. Baig

Date & Time: 30/10/2021 (SAT) 01.00-02.00 PM.

Topic Covered: Research metrics, Benefits of Altmetrics, Scopus Elsevier, Benefits of Open Access Publications, Journal Impact Factor, h-index, g-index, i-10 index, citation, cite score metrics, SCImago Journal Rank (SJR), SNIP (Source Normalized Impact Per Paper), Bibliometrics, Peer-review, ORCID, Difference between citation and reference.

6. Why is Scopus famous?

- Owned by Elsevier, Scopus is a multidisciplinary database that covers peer reviewed journals, books, conference proceedings, and patents across the fields of science, technology, medicine, social sciences, and arts and humanities.
- According to Elsevier, Scopus is 'The largest abstract and citation database of peer-reviewed literature.' Updated daily, the database contains 64+ million records and 22,000+ peer-reviewed journals from 5,000 international publishers.
- From researchers pursuing scientific breakthroughs to academic institutions and government agencies evaluating research, Scopus is the abstract and indexing database of choice.
- Worldwide, Scopus is used by more than 3,000 academic, government and corporate institutions and is the main data source that supports the Research Intelligence portfolio.

Dr. M. M. V. Baig's screen

Lecture 4:

Resource Person: Dr. Kiran Shillewar

Date & Time: 30/10/2021 (SAT) 03.00-04.00 PM.

Topic Covered: Drafting Research Proposal – Introduction: A Research Proposal. Components of Research Proposal – Design, Subjects or participants, Instruments, Procedure, Results and Discussion. Guidelines of writing a research proposal, outline – Introduction, Review of literature, Methodology, Expected results, Discussion and Conclusions. Budget, Bibliography (or references). Rationale/Justification/Significance of the research, scope, and limitations of the study.

Guidelines on writing a research proposal

The (Longer) Standard Model

A Basic Proposal Outline:

- ✦ **Introduction**
 - ✓ Topic area
 - ✓ Research question
 - ✓ Significance to knowledge

- ✦ **Literature review**
 - ✓ Previous research others & yours
 - ✓ Interlocking findings and Unanswered questions
 - ✓ Your preliminary work on the topic
 - ✓ The remaining questions and inter-locking logic
 - ✓ Reprise of your research question(s) in this context



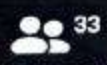
Unmute



Start Video



Share



Participants 33



More 2

Lecture 5:

Resource Person: Dr. V. R. Marathe

Date & Time: 30/10/2021 (SAT) 04.00-05.00 PM.

Topic Covered: Summary of Pre-Ph.D. Course Work.

Tips and Tricks

- Read, read and read
- Take notes
- Talk to supervisors, experts, fellows
- Write topics and topics
- Get confused, get afraid
- Generate a number of research questions
- Systematize research questions
- Cut down these in line with your coherent thinking

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Dr. Vishal Marathe's screen

Day-21: (Valedictory Function)

Lecture 1:

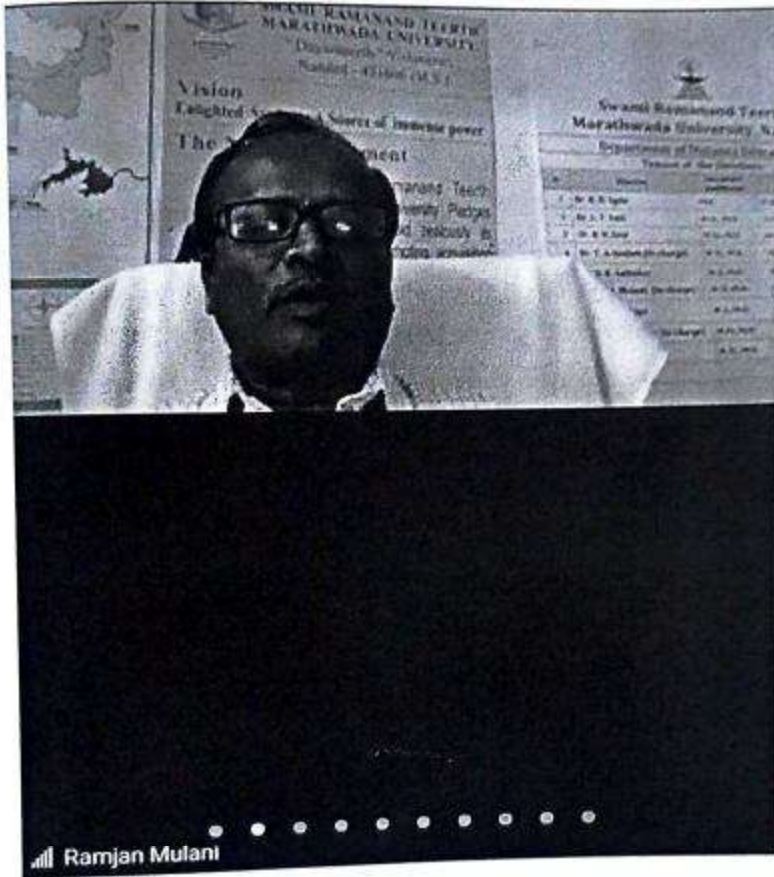
Resource Person: Dr. Avinash Kumbhar (Senior Prof. & HOD Chemistry, SPPU, Pune).

Date & Time: 31/10/2021 (SUN) 11.00-01.00 PM.

Lecture 2:

Resource Person: Dr. R. M. Mulani (Director of Distance Education Center, S. P. T. M. University, Nanded).

Date & Time: 31/10/2021 (SUN) 11.00-01.00 PM.





Swami Ramanand Teerth Marathwada
University, Nanded.

Sponsored



Ph. D. Course Work - 2021

Organised by

RESEARCH COMMITTEE,

SCIENCE COLLEGE, NANDED

Valedictory Function

Date: 31/10/2021

Time: 11.00 am

► President of the Function ◀

Hon. Dr. CA Pravin Patil, Vice-President, Nanded Education Society, Nanded

► Chief Guests ◀

Dr. Avinash S. Kumbhar, Senior Professor, Department of Chemistry, Savitribai Phule
Pune University, Pune.

Prof. R. M. Mulani, Director, Distance Education Centre,
S.R.T.M.U., Nanded.

Dr. V. R. Marathe, Course Coordinator

Dr. D. U. Gawal, Principal & Convener



One Day Informative Seminar on Funding For Research Projects in DBT

Dr. Sangita Bodhankar Kasture, Scientist in DBT, New Delhi and Dr. Mahesh Kasture, MD (R/D), Bharat Petroleum bright alumnae of college visited on D. 17/08/2022 for one day informative seminar on Funding for Research Projects in DBT.

Resource Person

Dr. Sangita Bodhankar Kasture: 9958596118

Mail- sangita.kasture@nic.in

She has given information regarding Research Projects in DBT and to get funding for major and minor projects

Dr. Mahesh Kasture: 9958596116

Mail:



**NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED.**
(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(Re-accredited with "A" grade by NAAC with (CGPA 3.38) 3rd Cycle, CPE Status, DST - FIST,
NIRF -72 (Year - 2017), Best College, Award of SRTMUN)

**Funding For Research
Projects in DBT**

President: **Dr. D. U. Gawai** Principal, Science College, Nanded.

*Chief Guest &
Resource Person :* **Dr. Sangita Bodhankar Kasture
Dr. Mahesh Kasture**

Organized By: **Alumni Association & Research Committee**
Science College, Nanded.

Date: 17/08/2022 *Time :* 12:40 pm



E. No. F-12, 1962, 26/06/1962
Emp. List, 1/1/1962

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(URP Ranking: 73 (Year - 2017), Best College award (SUTMOX)

P.O. Box No. 62, Sagar Nagar, Nanded - 431605 (MS, India) P (02) 02442 251648, 250465 Fax 02462 250465

Web: www.sciencecollege.nanded.org Email: principal@sciencecollege.nanded.org, sciencecollege1962@gmail.com

Date: 17/08/2022

NOTICE

All the ~~All~~ Teaching Staff Members of Senior college are hereby requested to attend a guest lecture on "**Funding for Research Projects proposal in DBT**" by Dr. Sangita Kasture, Scientist in DBT, New Delhi. On 17/08/2022 at 12.40 PM in Puranmalaji Lahoti Auditorium.

A. Awas

Principal
Science College, Nanded

PRINCIPAL
N. E. S. Science College, Nanded





Nanded-Waghala, Maharashtra, India

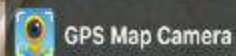
58G2+26R, Finding For Research Projects in DBT ,NES Science College, Vivek Nagar, Sneh Nagar,

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Nanded-Waghala, Maharashtra, India

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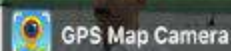
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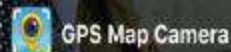
Nanded-Waghala, Maharashtra, India

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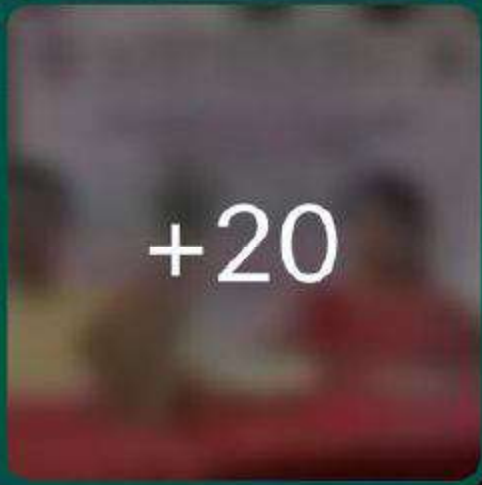
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