



A REPORT
ON
WEBINAR CONDUCTED
BY DEPT. OF PHYSICS
ON 5TH JUNE 2020

TOPIC:
SCIENCE & SCINTIFIC
RESEARCH
METHODOLOGY
IN SAMPLE PREPARATION

Content:

1. Invitation card
2. Webinar brochure
3. Webinar schedule
4. Welcome note
5. Profile of guest speakers I & II
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9. Screen shots of the webinar
10. Sample certificates issued to participants and resource persons

Brief Report of One day National webinar
conducted on 5th June 2020, On the theme of

“Science and scientific research Methodology In Sample Preparation”

In the Principal- Staff meeting held on 16th March 2020, it was decided to conduct an online video classes in order to benefit the students who were deprived of regular classes as the classes were suspended due to COVID – 19 crises. Along with the online video lectures for the students, an online seminars (Webinars) were also been decided to be conducted for the benefit of teachers as well as research students of this region and the others. In view of this a physics department meeting was conducted under the dept chairperson and it was resolved unanimously conduct webinars on various themes that are considered as need of the hour.

With reference to this, a first webinar was organized on the theme “Science & Scientific Research Methodology in Sample Preparation”. Eminent speakers were invited to deliver the lectures. For the first webinar Dr. Jagadeesh M. R. from Jain Institute of Technology, Davangere accepted the invitation and delivered a lecture on the topic related to the theme, characterization techniques of the materials. He discussed about the need of material characterization, use of various instruments used in the characterization, types of materials, how to choose a particular material for the study, the difficulties that arise in characterization. He also discussed about the classification of the materials on the basis of three categories like microscopic, macroscopic and spectroscopic. He further spoke about the linear and nonlinear optics, UV spectroscopy, optical computers, optical switching, image processing & data storage. The lecture was very much informative and was beneficial to the students, teachers and the research scholars. There were around seventy six participants in the webinar. At the end of the webinar a feedback was taken from all the participants, which reads that the webinar was successful and satisfying for all participants.

Invitation Card



Centenary Celebrated Sharnabasaveshwar Vidya VardhakSangha

SHARANABASVESHWAR COLLEGE OF SCIENCE

(Affiliated to Gulbarga University, Diamond Jubilee Celebrated & ISO Certified)
Vidya Nagar, Kalaburagi-585103, Email Id:sbcscg@gmail.com

Under IQAC Initiative
The Library and Information Centre
organizes

ONE DAY NATIONAL WEBINAR

On

**“Science and Scientific Research Methodology
in Sample Preparation”**

With the Divine Blessings of
Pooja Dr. Sharnbaswappa Appaji

Mahadasoha Peetadipathi, Sharanabasaveshwara Samasthana
President, Sharanabasaveshwara Vidya Vardhak Sangha
Chancellor, Sharnbasva University, Kalaburagi

In the August presence of

Sri. Basawaraj S. Deshmukh

Secretary, Sharnabasaveshwar Vidya Vardhak Sangha, Kalaburagi

Resource Person-I

Dr. Jagadeesh M. R.

Asso. Proff. Jain Institute of Technology, Davangere

Resource Person-II

Mr. Mustoorappa

Executive council member,
Karnatak Rajya Vignan Parishath, Bangalore, Karnataka
President

Dr. S. G. Dollegoudar Patil

Principal, Sharanabasaveshwara College of Science, Kalaburagi

Date: 05 June, 2020.

Time: 11.00 A.M.

Join through link: <https://us04web.zoom.us/j/2211117602?pwd=OXlpcjBFU2laeHVZd1VWV0o3cGozZz09>

Meeting ID: 2211117602 Password: 824632

Reg. Link : <https://docs.google.com/forms/d/1tkK3MWiIQxVIMmslFTiBGdA0AdWCKODheu3T8t1yV4>

Note: E-Certificate Will be issued to all Registered and Active participants after the Submission of Feedback Form (Feedback link will be sent through respective E-mailid)

Dr. Jayashree C.
Organizing Secretary

Dr. Omprakash S.
IQAC
Co-coordinator

Dr. T. V. Biradar
Academic Activities
Co-coordinator

Dr. S G Dollegoudar Patil
Principal

**** All Are Cordially Invited ****

WEBINAR BROCHURE



Centenary Celebrated Sharanabasaveshwar Vidhya Vardhak Sangha's
SHARANABASAVESHWAR COLLEGE OF SCIENCE
(Affiliated to Gulbarga University, Diamond Jubilee Celebrated and ISO Certified)
Vidya Nagar, Kalaburagi-585103, Email id: sbcscg@gmail.com

Through: ZOOM APP

Date : 05 . 06 . 2020
Time: 11:00 AM To 01.00 PM

**Under the IQAC Initiative & Dept. of Physics
Organizes**

One Day National Webinar on "Science and Scientific Research Methodology in Sample Preparation"

In the August Presence of

Sri. Basawaraj S. Deshmukh

Secretary

**Sharanabasaveshwar
Vidhya Vardhak Sangha
Kalaburagi**

Session 1:

**Topic: Methods of Characterization
of Research samples**

Resource Person

Dr. Jagadeesh M. R.

Asso. Prof. Jain Institute of Technology,
Davangere

Session 2:

**Topic: Exploring the Role of Vignan
Parishat**

Resource Person

Mr. Mustoorappa

Executive council member,
Karnatak Rajya Vignan Parishath, Bangalore, Karnataka

Organising Secretary

Dr. Omprakash S.

Assistant Professor, Dept. of Physics
Sharanabasaveshwar College of
Science, Kalaburagi.

Registration Link:

<https://docs.google.com/forms/d/1tkK3MWIIQxVIMmsIFTIBGdA0AdWCKO>
[Dheu3T81vV4IgdIt](https://forms.gle/Dheu3T81vV4IgdIt)

Principal

Dr. S G Deleppular Petil

Sharanabasaveshwar College of Science,
Kalaburagi.

Program Schedule:



Sharnbasveshwar

College of science, kalaburgi

Under the IQAC Initiative & Dept. of Physics Organizes

One Day National Webinar on

“Science and Scientific Research

Methodology in Sample Preparation”

Through: ZOOM APP Date: 05. 06. 2020 Time: 11:00 AM To 01.00 PM. Registration

Link:

https://docs.google.com/forms/d/1_tkK3MWiIQxVIMmsIFTiBGdA0AdWCKODheu3T8t1yV4/edit

Program Schedule:

1. Welcome and Introduction of the Guests (instruction to restart the ZOOM app after 40min duration)
2. Address by Honorable Secretary Sir.
3. Start of Session – I:By Dr. Jagadeesh M. R. Asso. Professor Jain institute of Technology, Davengere.
4. Vote of thanks: Dr. Jayashree C.
5. Start of Session – II:By Shri. M. N. Musturappa, Lecturer in Physics, Executive council member to Kamataka Rajya Vignan Parishat Bangalore.
6. Presidential Remark -By Principal, Dr. S G Dollegoudar sir.

Organising Secretary

Dr. Omprakash S.

Assistant Professor, Dept. of Physics
Sharanabasaveshwar College of
Science, Kalaburagi

Principal

Dr. S G Dollegoudar Patil

Sharanabasaveshwar College of
Science, Kalaburagi

Join through link:

<https://us04web.zoom.us/j/2211117602?pwd=OXlpcIBFU2laeHVZd1VVV0o3cGozZz09>

Meeting ID: 221 111 7602

Password: 824632

Welcome-Note

**One Day National Webinar
on
“Science and Scientific Research
Methodology in Sample Preparation”**

Seeking the blessings of lord Sharnabasweshwara and seeking the blessings of Poojya Dr. Sharanabasavappa Appaji, President of Sharnabasweshwar Vidya Vardhak Sangha Kalaburagi.

Honorable Secretary of the SBVVS Sangha, Shri Baswaraj Deshmukhji, respected Principal of Sharnabasweshwar College of Science Dr. S.G. Dollegoudar Sir, esteemed Faculty members of the institution, Guest speakers of today's Webinar and all the participants, Good morning to you all.

On behalf of the management and on behalf of the Sharnabasweshwar Science College Kalaburagi, I whole heartedly welcome you all to the one day National webinar on Science and the Scientific Research Methodology in the Preparation of the Research Samples, organized by IQAC and department of Physics. Welcome you all once again.

Now I request our honorable secretary sir shri Baswaraj Deshmukh to bless this event speaking few words.

Today the world is combating with deadly COVID -19 Virus. All the scientific communities are working day and night to find the medical remedy to irradiate it. So far no one has succeeded in finding the molecular bullet that can destroy or rupture the covid virus DNA molecule.

The basic problem lies in the fact that, even though there exist hundreds of the methods to study the matter at the small dimensions but still we have not yet learnt how to explore the matter at the Nano level and further.

In order to know the behavior of the matter at such level, it must be scientifically prepared ready, in the form of the research sample using different methods and techniques.

Today's webinar focuses on the different methods of preparation of the research sample to study their characteristic properties, we are very fortunate to have an eminent speaker for session –I of the Webinar that is Dr. Jagadeesh M.R., An associate Professor of Physics in Jain Institute of technology, Davangere. He has a vast research experience in preparation and characterization of the novel materials. I welcome you sir.

Similarly for session – II we have another eminent guest speaker, Shri Musturappa M.N. who is at present an executive council member of Rajya Vignana Parishat. He will explain about the role of Vignana Parishat in uplifting the scientific temper of the students and teachers. On behalf of management, principal and faculty members and all the participants I welcome you sir.

Now I request Dr. Jagadeesh to begin the session

Note: As entire webinar is being conducted on Zoom app. It gets disconnected after 40 minutes. I request all the participants that if it happens so then immediately after it is disconnected please rejoin the webinar once again. And while the webinar is in progress kindly mute your microphones to avoid the disturbance.

1. **Name:** Dr. JAGADEESH M R
2. **Designation:** Associate Professor
3. **Department:** PHYSICS
4. **Address:** Jain Institute of Technology, Davangere
5. **Academic Background:**



Sl. No.	Degree	College/University	Department/Specialization
1	Ph.D.	V. T. U. Belagavi	Physics/Nonlinear Optics
2	M. Sc.	Kuvempu University, Shankaraghatta, Shimoga	Physics/Nuclear Physics
3	B. Sc.	Kuvempu University, Shankaraghatta, Shimoga	Physics, Chemistry, Maths

6. **Contact number:** +91-9740776111
7. **Email :** jagadeeshmr@jitd.in
jmrshyagale@gmail.com
8. **Areas of interest:** Crystallography and Nonlinear Optics
9. **List of Conferences / Symposiums / Summer Schools / Faculty Development Programs and Workshops Attended or volunteered.**

Name of training/workshop/Seminar	Year/ Duration	Organizers
'Frontier Areas of Physics'	2005	Department of Physics, Kuvempu University, Funded by UGC
'Recent trends in Electronic Instrumentation' April	2006	Dept. of Electronics, Kuvempu University.
'Einstein Contributions to Mankind'	2007	SJM College, Chitradurga, Karnataka.
DAE-BRNS Symposium on atomic, molecular and optical physics	2009	Board of Research in Nuclear sciences, Dept. of Atomic Energy, Government

5	Nuclear Energy for 21 st Century at		of India
6	Research Methodologies and LATEX'	2010	SDMCET, Dharwad
7	Preparation, characterization of Crystalline	2011	VTU e-learning centre at Mysore
	Materials and their Applications	2012	DRDO/Anna University
8	Optical Engineering', (IEEE approved)		
9	Plagiarism Awareness Program	2012	VTU, Belagavi
10	Basic Rietveld Refinement	2015	VTU, Belagavi
11	Trends of Research to Unravel Science and	2017	SIT Tumkur
	Technology (Five days FDP)	3 rd -7 th of	Acharya Institute of Technology
		Feb	Banglore
		2020	

10. List of Paper Presented

Sl. No.	Title of the Paper	Organizer	year
1	Optical and second harmonic generation (SHG) efficiency studies in NLO crystals	Dept. of Atomic Energy	2009
2	Spectral and SHG studies in some NLO crystals	M S University, Vadodara	2009
3	Crystal growth and characterization of a semi organic NLO material: L-Alanine Ammonium Bromide	Anna university	2015
4	Growth, Structural, Spectral, optical and dielectric studies on L-alanine mixed barium nitrate crystals	Bhabha Atomic Research Centre, Mumbai	2016
5	Growth, spectral, optical, thermal, dielectric and mechanical studies on Urea Potassium Iodide single crystal	GSSS Mysore	2016
6	Growth and characterization of doped adp crystals for optoelectronic applications	GM Institute of Technology, Davangere	2017
7	Structural characterization and Rietveld refinement of rare earth substituted nano nickel ferrite synthesized by low-temperature citrate precursor method	GM Institute of Technology, Davangere	2017
8	Growth and characterization of some semiorganic crystals for optoelectronic applications	BIET Davangere	2018
9	Growth and characterization of doped L-alanine nanocrystals	Srinivasa University Manglore	2019
10	Impact of L-Ornithine monohydrochloride on the properties of Potassium Dihydrogen Phosphate crystal	AMCES, Dayanand Sagar University	17 th and 18 th Jan 2020

11. List of International Publications

Sl. No.	Name of the Authors	Title of the Paper	Name of the Journal	Volume, Page Number & year
1	Jagadeesh M. R, Suresh Kumar H. M. R. AnandaKumari	Crystal growth and characterization of a new NLO crystal: Urea 2- furoic acid'	<i>Optik- International Journal of Light and Electron Optics Elsevier Publication</i>	126 (23), 4014-4018, 2015
2	Jagadeesh M. R, Suresh Kumar H. M. R. AnandaKumari	Growth and Characterization of NLO crystal - L-LeucinePhthalic acid Potassium Iodide'	<i>Materials Science Poland- Springer Publications</i>	33, 529-536, 2015
3	Jagadeesh M. R, Suresh Kumar H. M. R. AnandaKumari	Growth and characterization of an organic NLO crystal: L-alanine-2-furoic acid'	<i>Applied Science Research,</i>	6 (4): 188-197, 2014
4	Jagadeesh M. R, Suresh Kumar H. M. R. AnandaKumari	Crystal growth and characterization of a semi organic NLO material: L-Phenylalanine Cadmium Chloride	<i>Canadian Journal of Physics</i>	93(11): 1296-1301, 2015
5	Jagadeesh M. R, Suresh Kumar H. M. R. AnandaKumari	Growth and characterization of mercuric chloride doped urea single crystals'	<i>Materials Research Innovations, Taylor and Francis Publications</i>	21 (6), 391-395, 2017
6	Suresh Kumar H.M., Jagadeesh M. R	Growth, characterization and the effect of γ -irradiation on linear and nonlinear optical properties of L-Alanine Ammonium Bromide: a new semiorganic crystal	<i>Materials Research Innovations, Taylor and Francis Publications</i>	1-9, 2017 http://dx.doi.org/10.1080/14328917.2017.1323990
7	Arun M. Islor, M. R. Jagadeesh, H. M. Suresh Kumar	Structure Reports on N ¹ -(4-Methylphenyl)piperidine-1,4- Dicarboxamide	<i>Acta Crystallographica E</i>	68(12), o3452-03452
8	B. Suresh Kumara, H. M. Suresh Kumar M. R. Jagadeesh	Co-60 γ -irradiation effect on linear, nonlinear optical and electrical properties of asemiorganic L-alanine barium nitrate (LABN) crystal	<i>Materials Research Innovations, 2017 Taylor & Francis Group</i>	http://dx.doi.org/10.1080/14328917.2017.1323990 2017
9	B M Praveen, B M PrasannaJagadeesh M R	Experimental and theoretical studies on inhibition effect of the paraziquantel on mild steel	<i>Journal of Bio and Tribo Corrosion</i>	4:21 2198-4239 June 2018

10	Y A Kulakarni, Jagadeesh M R	AC Conductivity and Dielectric Properties of In-situ Prepared Nanostructured Polypyrrole/Manganese Oxide composite	Mater Sci: Mater Electron	31(1) 7226-7231 April 2020
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12. Research Guidance:

Guiding three students for their PhD Degree under VTU, Belagavi

13. Membership of Professional bodies

1. *Indian Association for Physics Teachers[Life member]*
2. *KarnatakaRajyaVignanaParishad (KRVP)[Life member]*
3. *ISTE-Life membership*
4. *Institution of Scholars – Life member*

14. Project guidance

More than ten projects have been guided for P. G. students of Davangere University

15. Google Scholar profile

URL: <https://scholar.google.co.in/citations?hl=en&user=PaJgEvoAAAAJ>

16. Research Gate Profile URL:

https://www.researchgate.net/profile/Jagadeesh_Medikere

Speaker of Session II:

Shri. M.N.Mustoorappa working as a physics lecturer in Davangere, served as a district and state resource person for secondary school science subject. Worked as secretary, KRVP Davangere district committee for eighteen years. Executed and organized district, state and national level Children Science Congress. He is elected as state executive committee member for the period 2019-2022.wrote many science articles in local newspapers.
ವಿಷಯ- "ಕರ್ನಾಟಕರಾಜ್ಯವಿಜ್ಞಾನಪರಿಷತ್ತು" ಒಂದುಪರಿಚಯ

Power Point presentations used by Resource persons:

9:01 AM

0.0KB/s

< 5 th june



JGI Jain Institute of Technology
Davangere- 577003

Presentation on
Materials Characterization
By
Dr. Jagadeesh M R
M Sc, M Phil, Ph D
Associate Professor
Department of Physics
Jain Institute of Technology
Davangere

Why do material characterization?

- Learn about a material
- Learn about a Process
- Competitive analysis
- Authenticity testing
- Quality analysis (QA)
- Quality Control (QC)
- Develop a reference
- Learn to use an Instrument

Play Projection Show notes Edit



Instrument Rubric

- ☒ What is the Science (Physics)?
- ☒ What is the Information?
- ☒ What type of Materials?
- ☒ What Industries or Labs use it?
- ☒ For what type of Problems?

Characterization

- *Characterization* refers to 'the broad and general process by which a material's structure and properties are explored and measured'
- Mandatory for scientific understanding of Functional Materials
- Required for of chemistry, physics, geology and biology that deal with the physical, chemical or biological properties of materials. (Understanding)
- Helps to study the properties of materials which can be used industrially.

1. Classification

Three major categories

Microscopic	Spectroscopy	Macroscopic
<ul style="list-style-type: none"> ☒ Surface and sub-surface structure of a material ☒ Uses photons, electrons and 	<ul style="list-style-type: none"> ☒ Uses a range of principles to reveal the chemical composition, composition 	<ul style="list-style-type: none"> ☒ A huge range of techniques are used to characterize various macroscopic

1. Classification

Three major categories

Microscopic	Spectroscopy	Macroscopic
<ul style="list-style-type: none"> ▣ Surface and sub-surface structure of a material ▣ Uses photons, electrons and ions 	<ul style="list-style-type: none"> ▣ Uses a range of principles to reveal the chemical composition, composition variation, crystal structure and photoelectric properties 	<ul style="list-style-type: none"> ▣ A huge range of techniques are used to characterize various macroscopic properties of materials (Bulk)
Examples		
<ul style="list-style-type: none"> ▣ Optical Microscope ▣ Scanning Electron Microscope (SEM) ▣ Transmission Electron Microscope (TEM) ▣ Scanning Tunneling Microscope (STM) ▣ Scanning probe microscopy (SPM) ▣ Atomic Force Microscope (AFM) ▣ X-ray diffraction Topography etc. 	<ul style="list-style-type: none"> ▣ Energy-dispersive X-ray spectroscopy (EDX) ▣ X-ray diffraction (XRD) ▣ Mass spectrometry ▣ NMR ▣ X-ray photoelectron spectroscopy (XPS) ▣ Ultraviolet-visible spectroscopy (UV-Vis) ▣ Fourier transform infrared spectroscopy (FTIR) etc. 	<ul style="list-style-type: none"> ▣ Mechanical testing. ▣ Differential thermal analysis (DTA) ▣ Thermo gravimetric analysis (TGA) ▣ Dielectric thermal study ▣ Differential scanning calorimetry (DSC) ▣ Effective refractive indexes ▣ Absorption coefficients etc.

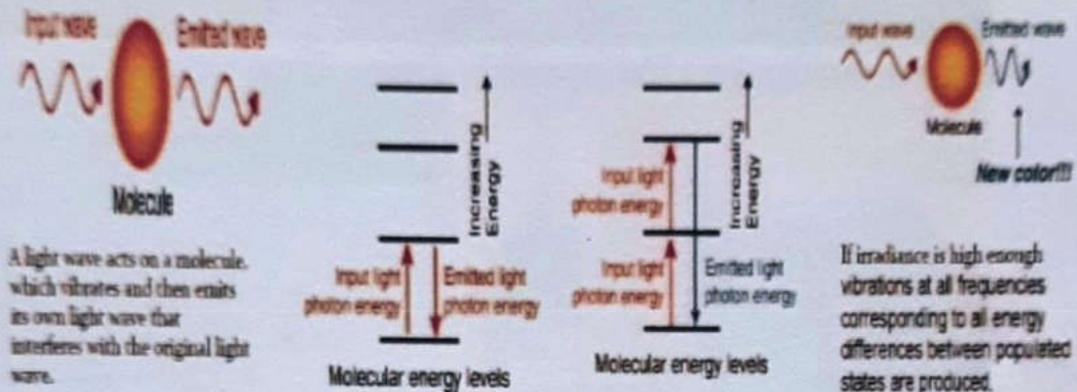
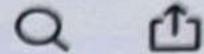
Linear vs Nonlinear Optics

- **Linear optics- 'Optics of weak light':**
"Light is deflected or delayed but its frequency is unchanged"
- **Non-Linear optics-'Optics of intense light':**
"We are concerned with the effects that light itself induces as it propagates through the medium"

Linear Optics : UV-VISIBLE SPECTROSCOPY

- To study variety of materials such as, thin films, semiconductors, insulators in bulk etc., in a quantitative manner.
- Ultraviolet and visible spectroscopy is also called as electronic spectroscopy
- The UV region of the electromagnetic spectrum extends from 100-400 nm

< 5 th june



The ultimate goal of practical nonlinear optical processes is the efficient frequency generation. In a noncentrosymmetric medium, several second order nonlinear optical effects can be observed experimentally

- ☒ Second harmonic generation
- ☒ Sum frequency generation
- ☒ Difference frequency generation
- ☒ Pockels effect
- ☒ Optical Rectification

While designing the NLO Materials

- NLO susceptibility
- Good optical homogeneity
- Ease of polishing and antireflection coating
- Chemical stability, High mechanical strength
- Low linear and nonlinear absorption

THANK YOU

Different class of NLO materials



Play



Projection



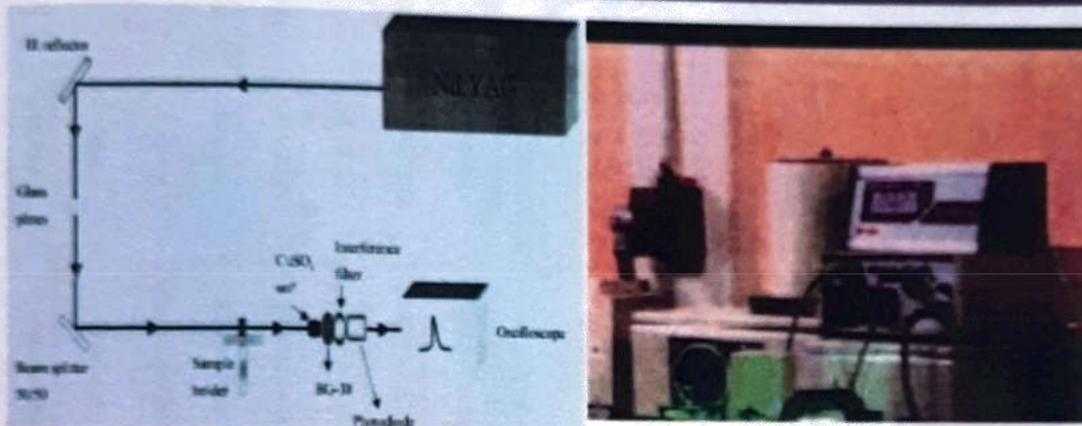
Show notes



Edit

- To avoid the possible errors of the experimental set up, a urea or KDP sample with identical particle dimensions will also be tested and the efficiency will be noted as a ratio

4. Nonlinear Optical Property study



Experimental Set up @ IISc, Bangalore



THANK YOU

L-17	Email address	Name	Gender	Designation	Department	organisation / Institution and	Mobile number
06/03/2020 15:53	dwarkad@gmail.com	Dr. Dwarka Jadhav	Female	Assistant Professor	Botany	Sharnbasva University	9035040035
06/03/2020 15:56	dmishiti@gmail.com	Dr. SANGANNA V. NISHTI	Male	Assistant Professor	Physics	Govt. First Grade College, Sedam	7892746271
06/03/2020 15:57	avantypriyanka@gmail.com	Priyanka avanty	Female	Gulbarga	BSC	SB college gulbarga and commerce college Bidar	9110223572
06/03/2020 15:59	sudhakanjanawadkar@gmail.com	Sudhakar Janawadkar	Male	Associate Professor	Physics		9.19449E+11
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06/03/2020 16:10	arunmane527@gmail.com	Arunkumar	Male	Asst. Professor	Msc physics	kalaburagi , near kmf dairy shivaji nagar	8971362527
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06/03/2020 16:31	bharatipatil812@gmail.com	Bharati Basavaraj	Female	Research scholar	Physics	Gulbarga university kalaburagi	9740478781
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06/03/2020 16:41	vinnuhvinnu@gmail.com	VINAYAK HORAPYATI	Male	Asst. Prof.	Engineering		8904159182
06/03/2020 16:42	jjavajishilpa@gmail.com	Shipa javaji	Female	Gulbarga	Physics	Sb cig of science Gulbarga university kalaburagi	9980223935
06/03/2020 16:48	bharatipatil812@gmail.com	Bharati Basavaraj	Female	Research scholar	Physics	Independent PU Science College N V Degree college Kalaburagi	9740478781
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06/03/2020 17:04	govind.poojar@gmail.com	Govind Poojar	Male	Asst. Professor	Computer Science	Govt First Grade college Chittapur	9845661990
06/03/2020 17:05	viniphysics1@gmail.com	Vinay v kannur	Male	Asst professor	Physics	Independent PU Science College	9480006173
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06/03/2020 17:51	qudsiya.parveen76@g mail.com	QUDSIYA PARVEEN	Female	principal	dept of electronics	College, kalaburagi	9731087483
06/03/2020 18:04	keerthi.ha@gmail.com	V KEERTHI	Female	PhD scholar	Computer science	Dravidian university	9000271707
06/03/2020 18:07	spharish1974@gmail.c om	Harisharanappa S.Padsalgi	Male	Lecturer	Computer Science	Sharnbasveshwar College of Science	9741570885
06/03/2020 18:14	prabhavtipatil678@g mail.com	Dr. Prabhavati	Female	Assistant Professor	Department of Zoology	Sharnbasva University, Kalaburagi	9611789787
06/03/2020 18:19	mudemn76@gmail.co m	Dr.M.Muniya Naik	Male	Lecturer	Zoology	College, Piler , chittoor (dist),	9494461544
06/03/2020 18:36	sudhakaranjalaja@gmail .com	ANJALA KUMAR RAJA	Male	LECTURER IN CHEMISTRY	CHEMISTRY	S.G GOVT DEGREE COLLEGE,PILER	9492411181
06/03/2020 18:38	uprasad.1978@gmail. com	UPPU.PRASAD	Male	Lecturer in commerce	Commerce	Govt degree college Rayachoti, kadapa. ap	9966202900
06/03/2020 18:38	bhavanikobal9011@g mail.com	Bhavani kobal	Female				8970269024
06/03/2020 18:47	smaisalg17@gmail.co m	Dr. Sharanabasappa M	Male	Assistant Professor	Computer science	College of Science, Kalaburagi.	9342937623
06/03/2020 18:49	majorgourammapatil@g mail.com	Gouramma Patil	Female	Assistant Professor	Defence and Strategic Studies	College of Science, Kalaburagi	9535819757
06/03/2020 18:56	nandueshawan365@g mail.com	ESHWARAMMA G A	Female	Ph.D Scholar	Kannada Language and Translation	Dravidian University, kuppam.	7796382365
06/03/2020 19:30	shailajshr68@yahoo.c om	Dr.Shailaj Kumar Shrivastava	Male	Principal	Physics	A.M College,Gaya autonomous kalaburagi	9931493595
06/03/2020 19:34	naseemfatima030@g mail.com	Naseem Fatima	Female	Assistant Professor	Physics	S.G GOVT DEGREE COLLEGE,PILER	8904579688
06/03/2020 20:00	ummanna.radha@gma il.com	G.RADHA KRISHNA	Male	Contract lecturer	Chemistry	S8 College of Science kalaburagi	9959514221
06/03/2020 20:06	malipatisa@rediffmail. com	Dr S A Malipatil	Male	Asst.Professor	Electronics	college of science Kalaburagi	9480149723
06/03/2020 21:28	brunda.h03@gmail.co m	Brunda Hiremath	Female	Student	Physics	Grade College Shahapur	8951907792
06/03/2020 21:42	banagararun@gmail.c om	Arunkumar V Banagar	Male	Assistant Professor	Physics	Technological University	9972082126
06/03/2020 21:55	linknagma@gmaip.co m	Nagma Farheen	Female	Research Scholar	Manageo	S.G GOVT DEGREE COLLEGE,PILER	9008124511
06/04/2020 5:19	ummanna.radha@gma il.com	G.RADHA KRISHNA	Male	Contract lecturer	Chemistry	S b college of science gulbarga	9959514221
06/04/2020 9:09	mallyalaxmi49@gma il.com	Vijyalaxmi mallyaya	Female	Scholer	gulbarga university kalaburgi	S b college of science gulbarga	9916563516
06/04/2020 9:11	mallyalaxmi49@gma il.com	Vijyalaxmi mallyaya	Female	Scholer	gulbarga university kalaburgi	S b college of science gulbarga	9916563516

06/04/2020 9:43	Varshasonth@gmail.com	Varsha Nandkumar	Female	B.Sc.	PCM	college of science kalaburagi	6361568206
06/04/2020 9:46	dwanjisonali16@gmail.com	Sonali. C. Diwanji	Female	Student	PCM	S. B college of science kalaburgi	8861370166
06/04/2020 9:48	diwanjisonali16@gmail.com	Sonali. C. Diwanji	Female	Student	PCM	S. B college of science kalaburgi	8861370166
06/04/2020 10:12	hiremathnagajyoti79@gmail.com	NAGAJYOTI	Female	Assistant professor	Physics	Govt First Grade College KALAGI	9972084494
06/04/2020 10:13	kavyakulkarni1999@gmail.com	Kavya kulkarni	Female	Student	Bsc 6 th sem	college of science kalaburagi	9886935362
06/04/2020 10:38	vagganaishu@gmail.com	Aishwarya vaggan	Female	Bsc 6th sem	Physics	college of science kalaburagi	8095963145
06/04/2020 10:53	amit.socio@rediffmail.com	Dr. Amit Bhowmick	Male	Assistant Professor	Sociology	Nur Mohammad Smriti Mahavidyalaya	9932355802
06/04/2020 10:54	govind.poojar@gmail.com	Govind Poojar	Male	Asst. Professor	Computer Science	N V Degree college Kalaburagi	9845661990
06/04/2020 11:15	venkatmurthyshikar120@gmail.com	VENKATMURTHY S G	Male	PROFESSOR OF COMMERCE	Department of Commerce	FIRST GRADE COLLEGE, MANKI TQ.	9060743205
06/04/2020 11:35	drchandrakantwrcub@gmail.com	Dr Chandrakant Waghmare	Male	Professor	Marathi	University Belgaum-591156, Karnataka	9480539762
06/04/2020 11:43	laxmimaths1@gmail.com	Mahalaxmi	Female	Research scholar	Mathematics	Gulbarga university Shambasava	7019322085
06/04/2020 11:52	kalyanshreedevi@gmail.com	Dr. Shreedevi Kalyan	Female	Asst professor	Mathematics	University, Kalaburagi college of science, Kalaburagi	9845350618
06/04/2020 11:54	brunda.h03@gmail.com	Brunda Hiremath	Female	Student	Physics	college of science, Kalaburagi	8951907792
06/04/2020 11:57	poojari.glb@gmail.com	Dr.Siddaram L Poojari	Male	Assistant Professor	Zoology	Zoology, Shambasava University, Kalaburagi,	9738480505
06/04/2020 12:52	nivetha98513@gmail.com	Nivetha. M	Female	Student	Physics	Institute of Home Science and Higher SB college of science kalaburagi	9842923903
06/04/2020 13:02	chandrakalamalage99@gmail.com	Chandrakala Malage	Female	BSC	Physics	SB college of science kalaburagi	9481651699
06/04/2020 13:05	mamathaprashanth80@gmail.com	Mamatha A G	Female	Research scholar	Applied electronics	Gulbarga university	7760046541
06/04/2020 14:07	basava_mgn@rediffmail.com	Aparna	Female	Asst Prof	Physics	Autonomous kalaburagi	7899182141
06/04/2020 15:16	suryawag@gmail.com	Dr.Suryakant Nemu Waghmare	Male	Assistant Professor	Geography	Commerce College Tikota Dist-Vijayapur	9844539796
06/04/2020 15:16	shakti6585@gmail.com	Dr Sharanabasamma	Female	Lecturer	Physics	Gulbarga University kalaburgi	9590253222
06/04/2020 15:42	tugaonashwini01@gmail.com	ASHWINI TUGAON SANGAPPA TUGAON	Female	Student	Physics	HWAR COLLEGE OF SCIENCE	9901960876
06/04/2020 16:38	shwetlagumma06@gmail.com	Shweta C Gumma	Female	Research scholar	Department of Physics.	engineering and technology, kalaburagi.	8553784526

Feedback Response Of Webinar Conducted on 05/06/2020

Sr.No.	Timestamp	Email Address	Full Name (CAPITAL LETTERS)	College/ Institution	Designation	Gender	Did you attend	Quality of Presentation	Quality of Presentation
1	15/06/2020 13:38	sudhakarjanawadkar@gmail.com	Sudhakar Janawadkar	science and commerce	Associate Professor	Male	Yes	Excellent	Good
2	15/06/2020 13:40	viyavashreepatin@gmail.com	SMT VIJAYSHREE PATIL N	GRADE COLLEGE	ASST PROFESSOR	Female	Yes	Very Good	Excellent
3	15/06/2020 13:43	vijaitavar456@gmail.com	Vijay Kumar	Venkatesh Desai College	Assistant Professor	Male	Yes	Very Good	Very Good
4	15/06/2020 13:47	omprakash_s60@yahoo.com	DR. OMPRAKASH S	war College of Science,	Assistant Professor	Male	Yes	Excellent	Excellent
5	15/06/2020 13:51	suresh.pmath@gmail.com	Suresh Palanimath	of Technology, Salalah-Oman	Lecturer-IT	Male	Yes	Very Good	Very Good
6	15/06/2020 14:06	rajole97@gmail.com	Pradeep Manikrao Rajole	CSM College Bhalki	Lecturer	Male	Yes	Excellent	Very Good
7	15/06/2020 14:19	spharish1974@gmail.com	HARISHARANAPPA S.PADSALGI	hwar College of Science	Assistant Professor	Male	Yes	Very Good	Very Good
8	15/06/2020 14:21	rohnikumarhilli@yahoo.com	ROHNIKUMAR HILLI	ARTS SCIENCE & COMMERCE	Associate professor in physics	Male	Yes	Very Good	Very Good
9	15/06/2020 14:48	ssmagadum.72@gmail.com	SACHIN SUBHASH MAGADUM	First Grade College	Assistant Professor	Male	Yes	Excellent	Very Good
10	15/06/2020 14:54	shivakumartvb@gmail.com	DR. TRIMBAK BIRADAR	hwar College of Science	Asst Professor	Male	Yes	Excellent	Excellent
11	15/06/2020 17:16	hiremathnagajyoti79@gmail.com	NAGAJYOTI	GRADE COLLEGE	Assistant Professor	Female	Yes	Very Good	Very Good
12	15/06/2020 18:00	naseemfatima030@gmail.com	NASEEM FATIMA	COLLEGE (AUTONOMOUS	ASSISTANT PROFESSOR	Female	Yes	Very Good	Excellent
13	15/06/2020 18:31	anjaitbabshetty1996@gmail.com	ANJALI BABSHETTY	Sharnbasva university	Reacher scholar	Female	Yes	Very Good	Good
14	15/06/2020 19:46	brunda h03@gmail.com	BRUNDA HIREMATH	ar college of science,	Student	Female	Yes	Good	Good
15	15/06/2020 19:50	cplk16@gmail.com	Laxmikant C Panchal	First Grade College Bidar	Assistant professor	Male	Yes	Very Good	Very Good
16	16/06/2020 14:45	ashwini.nbd@gmail.com	ASHWINI A	Guibarga University	Research scholar	Female	Yes	Good	Excellent
17	16/06/2020 16:02	shantlingcd@gmail.com	CHANDRAPPA DHABALE	Basaveshwar First Grade	Lecturer	Male	Yes	Excellent	Excellent
18	16/06/2020 19:30	mallyalaxmi49@gmail.com	VIJAYALAXMI MALLAYYA	physics gulabarga	Scholer	Female	Yes	Excellent	Excellent
19	16/06/2020 20:34	gurunathnimbalkar@gmail.com	GURUNATH L N	Sharnbasva university	Research scolar	Male	Yes	Very Good	Very Good
20	17/06/2020 2:55	arunbiradar10@gmail.com	ಅರುಣ ಬಿರಾದರ್	basaveshwar college of	Student	Male	Yes	Very Good	Excellent
21	17/06/2020 11:50	bharatipatil812@gmail.com	BHARATI BASAVARU	University kalaburgi	Research Scholar	Female	Yes	Very Good	Excellent

1. Thank you so much Sir, for the conduction of this seminar / webenar. The Speakers invited were really wonderful. The matter Presented was excellent. Hope you will provide us a simillar opportunity to join such knowlegeable webinars in fulure too. Con-gratulations.

Dr. Sanganna Nisty
Govt. First Grade College, Sedam

2. Congratulations to the organisers of this webinar. Guest Speaker of first session of todays webinar Dr. Jagadeesh has presented his ideas on how to prepare/chose the material for studying its charecter-istics. It was realy helpfull to the beginers in the research field.

Dr. Nagabasavanna G.
Sharnbasva University, Kalaburagi

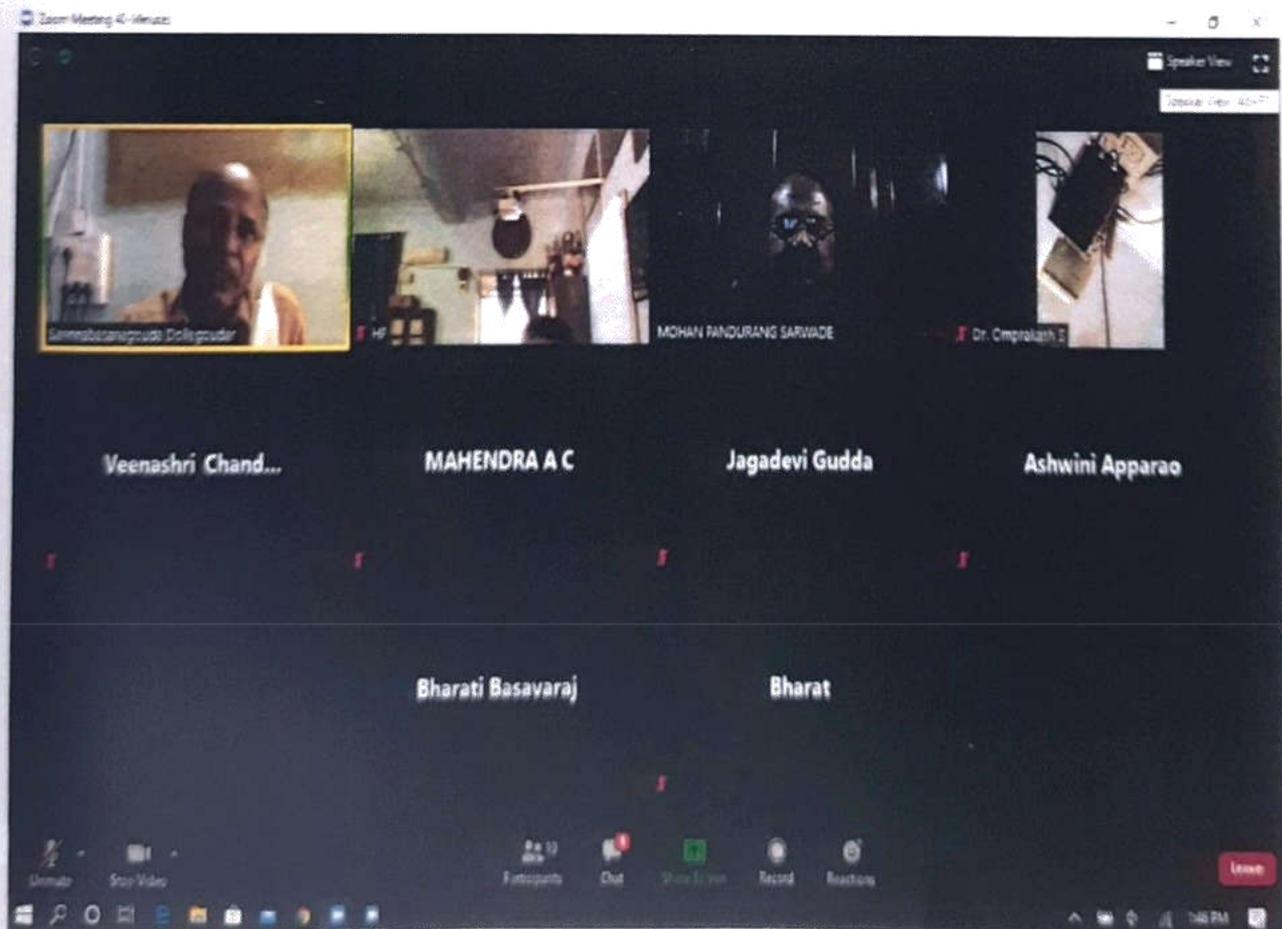
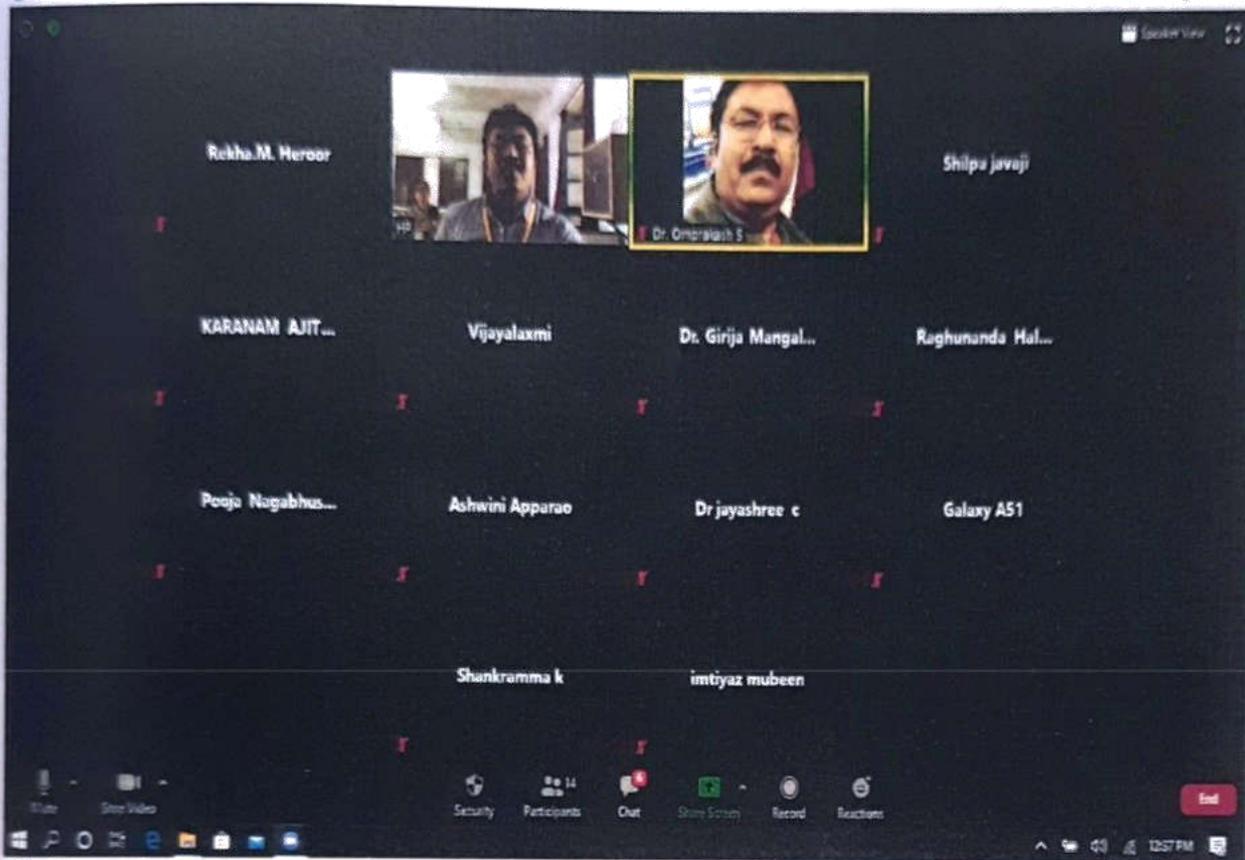
3. Thank you Sir for the wonderfull arrangement of webinar. Sharanabasaveshwar College of Science is realy a trademark of excellent education and excellent academic performance since decades. you had very well made use of this online platform to provide a valuable information on role of vignan parishat & research method of sample selection / preparation. keep it up

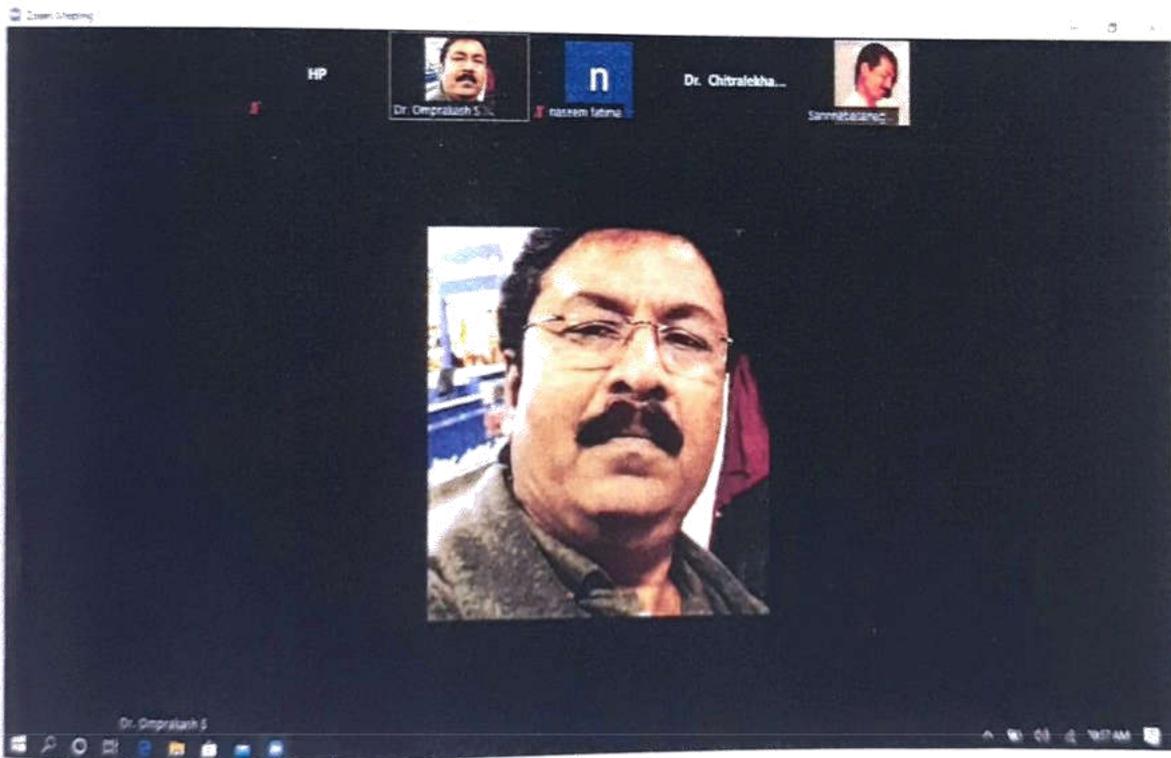
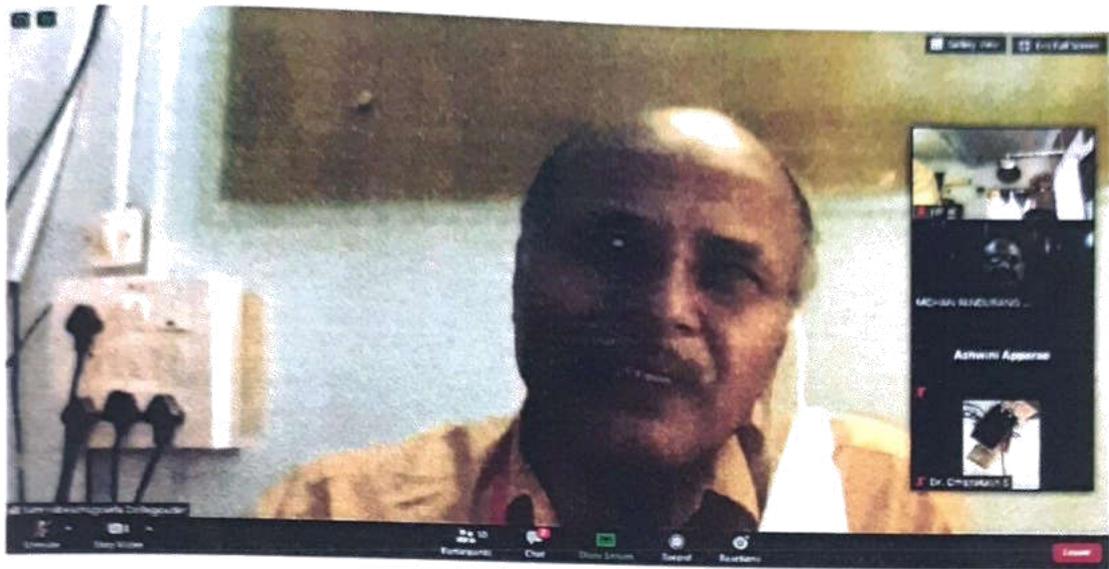
Dr. Nagajyoti Hiremath
Govt. First Grad College, Kalagi

4. Thank you so much to the organisers of this webinar. It was very much informative to specialy those pursuing the research in material science, physics as well as chemistry. Dr. Jagadeesh has thrown light on many aspects of the sample selection & sample preparation. I will be very happy if you conduet such webinars in future too by inviting the eminent people from different areas of physics.

Dr. Basawaraj H. N.
Science college, Karwar
Uttar-kannada

Screen Shots






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OF SCIENCE, GULBARGA

Certificates: (Participants and Resource Persons)

Centenary Celebrated Sharanabasaveshwar Vidya Vardhak Sagha's



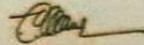
Sharanabasaveshwar College of Science
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Department of Physics
One Day National Webinar
on
Science and Scientific Reserach Methodology in Sample Preparation

Certificate

This is to certify that Dr./Prof./Mr./Ms _____
of _____ has worked
as a Resource Person in One Day National Webinar on Science and Scientific Research Methodology in Sample Preparation
under IQAC initiative & organized by Department of Physics on 5th June 2020 at Sharanabasaveshwar College of Science,
Kalaburagi, Karnataka.


Dr. Omprakash S.
IQAC Coordinator &
Organizing Secretary


Dr. T. V. Biradar
Academic Activities
Coordinator


PRINCIPAL
Dr. S. G. Dollagoudar

Centenary Celebrated Sharanabasaveshwar Vidya Vardhak Sagha's



Sharanabasaveshwar College of Science
(Diamond jubilee Celebrated ISO Certified)
Kalaburagi - 585 103, Karnataka
Department of Physics
One Day National Webinar
on
Science and Scientific Reserach Methodology in Sample Preparation

Certificate

This is to certify that Dr./Prof./Mr./Ms _____
of _____
has participated in One Day National Webinar on Science and Scientific Research Methodology in Sample Preparation
under IQAC initiative & organized by Department of Physics on 5th June 2020 at Sharanabasaveshwar College of Science,
Kalaburagi, Karnataka.


Dr. Omprakash S.
IQAC Coordinator &
Organizing Secretary


Dr. T. V. Biradar
Academic Activities
Coordinator


PRINCIPAL
Dr. S. G. Dollagoudar


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