

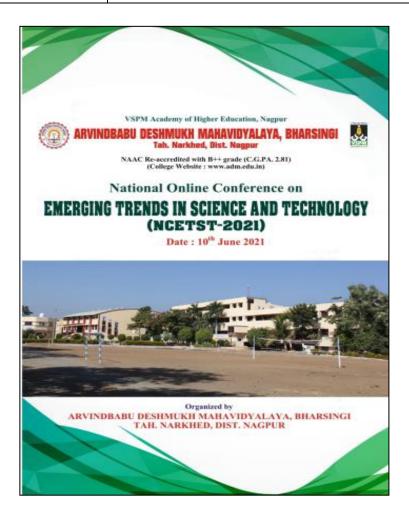
DeshmukhMahavidyalaya, Bharsingi



Academic session 2020-21

**IQAC and Department of Science** 

Name of Activity	One Day National Online Conference on Emerging Trends in Science and Technology (Session 2020-2021)
Date and Time of activity	10 <sup>th</sup> June 2021, Timing:- 10 A.M4 P.M.
Activity organized under committee/cell	IQAC and Department of Science
Invited Guest	Dr. VarshaNathar, Professor, P.G. Department of Botany, SantGadge Baba Amravati University, Amravati Dr. Rashmi Sharma, Department of Botany, Acharya NarendraDev College, University of Delhi, Delhi Dr. S. B. Kodewar, P.G. Department of Physics, R.T.M. Nagpur University, Nagpur Dr. MangeshLodhe, Maulana Azad N.I.T. Bhopal (M.P.)
Number of participants	260



#### Dear Sir/Madam

The Organizing Committee cordially invite you to participate in One Day National Online Conference On Emerging Trends In Science And Technology (NCETST-2021) on 10th June 2021 organized by Arvindbabu Deshmakh Mahavidyalaya, Bharsingi, Tah-Narkhed, Dist.- Nagpur

## ABOUT THE COLLEGE:

Arvindbabu Deshmukh Mahavidyalaya, was established in 1986 and affiliated to R.T.M. Nagpur University, Nagpur. In its journey during the last 35 years it has grown in strength from 75 students from its inception to a total strength of 2000 students in undergraduate and post graduate courses. College also known for skilled based courses which run by college such as Welding and Fabrication, Fashion designing, Communicative English, Vermicomposting etc. The college having various facilities such as YCMOU Centre, N.S.S. unit of 250 students, value added courses and certificate courses. The college awarded with best college for N.S.S. by RTMNU, Nagpur. College having very active sport department. Every year students are performed at National, State, University Level and received Gold, Silver and Bronze medal. College is popular for its cultural, sports and drama activities and infrastructural facilities.

#### ABOUT THE CONFERENCE:

The organizing chairs of the conference, feel honoured to invite you for the NCETST 2021 scheduled on 10th June 2021. This flagship event is organized to create a collaborative platform for bringing together academic experts across India, academia and professional bodies to promote innovation in Science and Technology. The motive of the conference is to provide the experts knowledge and inspire the young researcher. This conference is one of the platforms for exchanging the knowledge, ideas and technical skills. OBJECTIVES:

### The primary objective of the National Conference is to promote research and developmental activities in Chemical Science, Life Science, Physical Science and

Mathematical Science.

- To find the scientific applications and solutions for the current problems in order
- to maintain the health, wealth of a nation. To provide the latest knowledge on the conference aligned themes.

#### SUBTHEMES:

- Recent Developments in Botany and Zoology
   Biodiversity and it's conservation
- Animal Physiology
   Advances in Biotechnology · Agricultural Practices like Sericulture
- and Apiculture
- · Emerging Trends in Chemical and Physical
- Sciences Drag Designing, Medicinal and Pharmaceutical Chemistry

· Synthetic Chemistry, Green Chemistry, Supramolecular Chemistry

- Luminescent Materials · Advances in Material Science and
- Nanotechnology
- Solar Cells and Super Capacitor Devices
- Polymer Materials and Composites Theory of gravitation



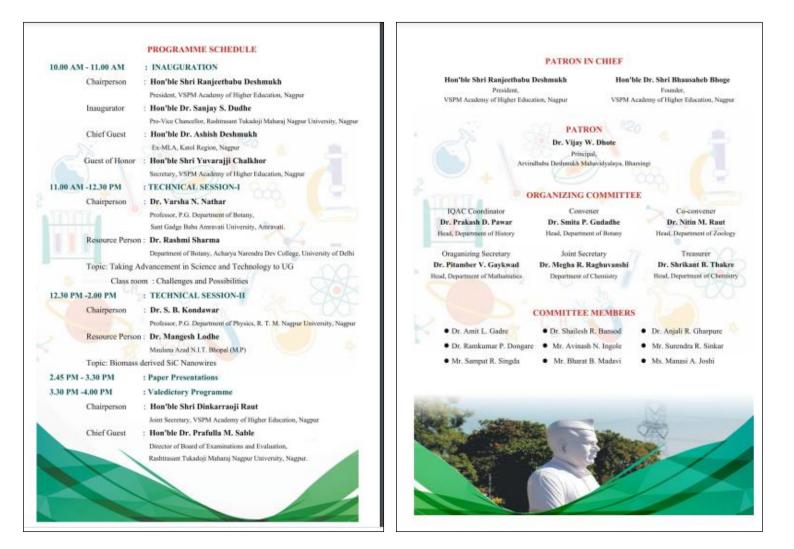
# RULES FOR CONFERENCE

- · The delegates are invited to contribute the Original scientific Research papers/ abstracts for oral/poster Presentation
- Online registration is compulsory for the Conference.
- Registration is free for conference, but for the publication of paper Rs. 1000/- will be charged for each paper and published in International Research Journal of Sciences & Engineering, an International Peer Reviewed Open Access Journal with ISSN number.
- · To Register for the conference, please go through the Google form Link https://forms.gle/7iXe619achRGLkC6A
- Joining of WhatsApp group is compulsory for ease of Communication and the link of WhatsApp group is provided in registration form.
- Meeting platform will be Zoom and link will be shared through the WhatsApp groups.
- Interested participants are encouraged to submit video of their presentation. (Prepare 5-7 min Video, upload on Google Drive and provide the link of Google Drive on Registration form.)
- The participants can send the posters (1m x 1m) JPEG or PDF format on Email: cetst2021@gmail.com on or before 05 June 2021.
- For the payment of publication charges please pay fees through any electronic transaction in favour of Shrikant Banduji Thakare (Treasurer), Account No. 11980100008062, IFSC Code: BARBOARVIXX, Branch: Bank of Baroda, Arvi
- · E-certificates will be provided for the participants after submission of the feedback form
- For further details please contact : ncetst2021@gmail.com /Convener-8698227525, Co-convener-77095905066, Organizing Secretory-8788527895

#### IMPORTANT DATES

Submission of Abstract	25/05/2021
Submission of full length paper	05/06/2021
Acceptance notification	07/06/2021
Last date of registration	09/06/ 2021
Conference Date	10/06/2021





## ArvindbabuDeshmukhMahavidyalaya, Bharsingi <u>Department of Science</u> <u>Report on One Day National Online Conference on Emerging Trends in Science and</u> <u>Technology</u> <u>(Session 2020-2021)</u>

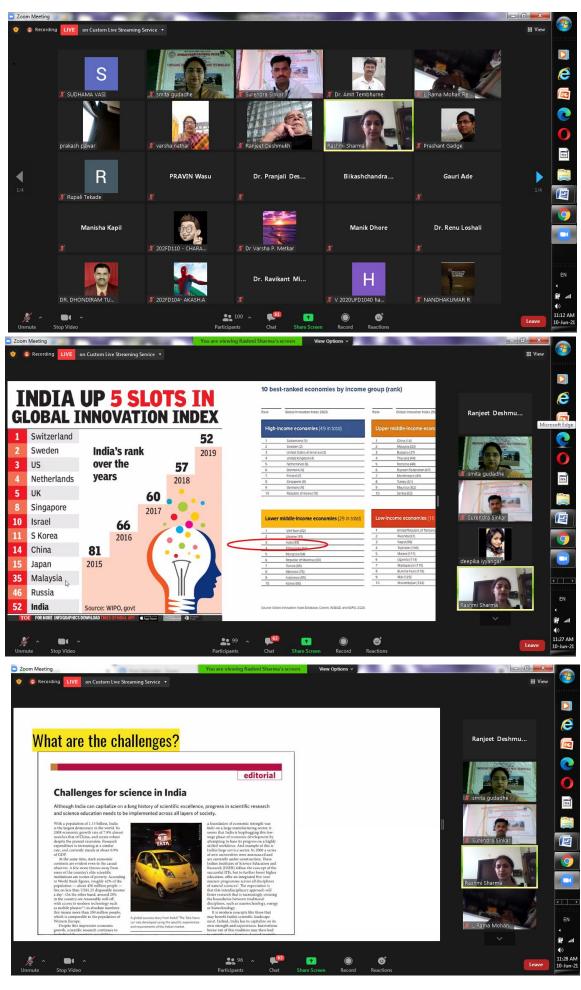
The Department of Science and IQAC, ArvindbabuDeshmukhMahavidyalaya, Bharsingi has organized One Day National Online Conference on Emerging Trends in Science and Technology on 10<sup>th</sup> June 2021. This was the first conference in the institute which is completely conducted on digital platform due to the COVID-19 pandemic. The Conference is an occasion to discuss issues of mutual interest and concern about the recent innovations in the field of Science and such initiatives have immense potential to generate ideas and concepts that can create a momentum for well being of society and ultimately the nation. Therefore to provide an academic there was an organization of this conference by the Department of Science, ArvindbabuDeshmukhMahavidyalaya, BharsingiThe conference held with 2 invited lectures, 68 paper presentations and near about 70 research papers published in the International Journal of Science and Engineering, which is peer reviewed with an overall participation of 380 researchers, participants across the India.

The conference was chaired by the Hon'ble President of VSPM Academy of Higher Education, Nagpur Shri RanjeetbabuDeshmukh and the Conference was inaugurated with the hands of Hon'ble Dr. Sanjay S. Dudhe, Pro-vice Chancellor, R.T.M. Nagpur University, Nagpur and the chief guests for the conference was Dr. Ashish Deshmukh, Working President of VSPM Academy of Higher Education, Nagpur and Ex-MLA of Katol regionalong with guest of honor Shri YuvarajjiChalkhor, Secretary of VSPM Academy of Higher Education, Nagpur. Dr. Vijay Dhote, Principal, ArvindbabudeshmukhMahavidyalaya, Bharsingi given he opening remark and Principal address at the starting of Conference.

There were two technical sessions in Conference from which first technical session was chaired by Dr, VarshaNathar, Professor, P.G. Department of Botany, SantGadge Baba Amravati University, Amravati and The resource person was Dr. Rashmi Sharma, Department of Botany, Acharya NarendraDev College, University of Delhi, Delhi who delivered the lecture on the topic "Taking Advancement in Science and Technology to UG Classroom: Challenges and Possibilities. The second technical session was chaired by Dr. S. B. Kodewar, P.G. Department of Physics, R.T.M. Nagpur University, Nagpur and the resource person was Dr. MangeshLodhe, Maulana Azad N.I.T. Bhopal (M.P.) who delivered the lecture on the topic "Biomass Derived SiC Nanowires".

The conference then followed by the Oral and Poster Research paper presentations of the participants and terminated with the Valedictory Function. The function chaired by the Joint Secretary of VSPM Academy of Higher Education, Nagpur Hon'ble Shri DikarajiRaut and the chief guest was Hon'ble DR. Prafulla M. Sabale, Director of Board of Examinations and Evaluation, R.T.M. Nagpur University, Nagpur. During the valedictory function some participants also shared their opinion in the form of feedback about the conference. The Conference got the huge response of 260 participants throughout Indiawith their feedback and it was one of the successful Academic Event of Department of Science, ArvindbabuDeshmukhMahavidyalaya, Bharsingi.

## **Some Glimpses of The Conference**





अरविंदबाबू देशमुख महाविद्यालयात राष्ट्रीय परिषद

देशोन्नती वृत्तसंकलन...

काटोल विश्वान विषयात होणाऱ्या नवीनतम संशोधन आणि त्यांचे उपयोग यांच्या माहितीचे राष्ट्रीय स्तरावर आदान-प्रदान होण्यासाठी तसेच नवीन संशोधनाला दिशा आणि प्रेरणा मिळण्यासाठी अरविंदबाबू देशमुख महाविद्यालयाच्या विज्ञान विमागातर्फे नुक्तोच ऑनलाईन राष्ट्रीय परिषदेचे आयोजन करण्यात आले होते.

ही एक दिवसीय राष्ट्रीय परिषद चार

सत्रात पार पडली. पहिल्या सत्राचे उद्घाटन रणजित देशमुख यांच्या अध्यक्षतेखाली डॉ. संजय दुधे यांच्या हस्ते करण्यात आले. यावेळी प्रमुख अतिची म्हणून डॉ. आशीष देशमुख, युवराज चालखोर हे उपस्वित होते. परिषदेच्या दुसऱ्या सत्राच्या अध्यक्षस्थानी प्रा. डॉ. वर्षा नाधार तर प्रमुख वक्ते म्हणून प्रा. डॉ. रश्मी शर्मा या उपस्थित होत्या. तिसऱ्या सत्राचे अध्यक्ष म्हणून प्रा. डॉ. एस.बी. कोंडरवार तर प्रमुख वक्ते म्हणून प्रा. डॉ. मंगेश लोधे हे होते. परिषदेच्या चौथ्या सत्रात निरोप समारंभ झाला. यावेळी अध्यख म्हणून दिनकर राऊत तर प्रमुख अतिथी म्हणून डॉ. प्रफुल्ल साबळे, जीवन विकास महाविद्यालयाचे प्रा. डॉ. देवेंद्र मोंगाडे हे उपस्थित होते. या एक दिवसीय राष्ट्रीय परिषदेचे आयोजन महाविद्यालयाचे प्राचार्य डॉ. विजय योटे यांच्या मार्गदर्शनाखाली करण्यात आले होते. यशस्वीतेसाठी परिषदेच्या संयोजिका प्रा. डॉ. समता गुडथे, विज्ञान विमाग प्रमुख प्रा. डॉ. श्रीकांत ठाकरे, प्रा. डॉ. प्रकाश पवार यांचे मोलाचे सहकार्य लामले. (ता.प्र.)

Convener Dr. Smita P. Gudadhe Head Department of Botany Principal Dr. V. W. Dhote ArvindbabuDeshmukhMahavidyalaya Bharsingi



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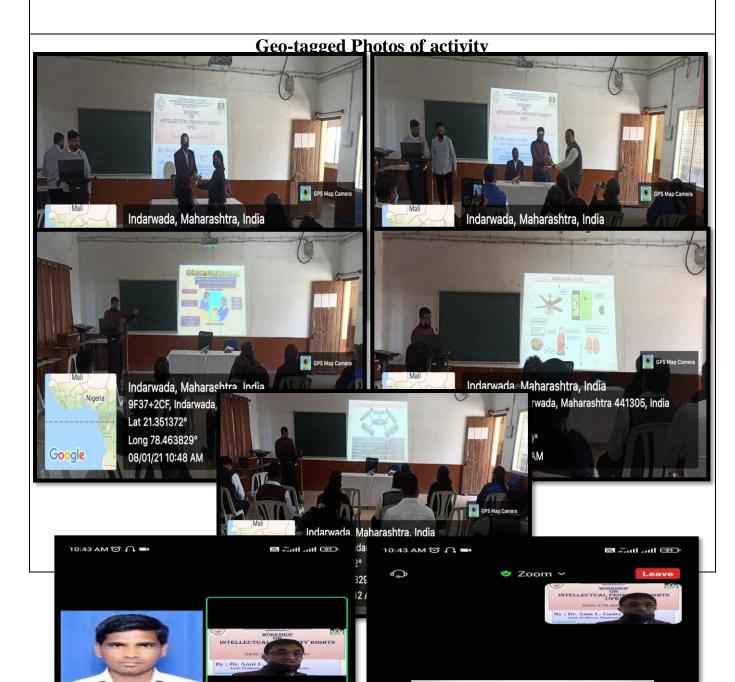


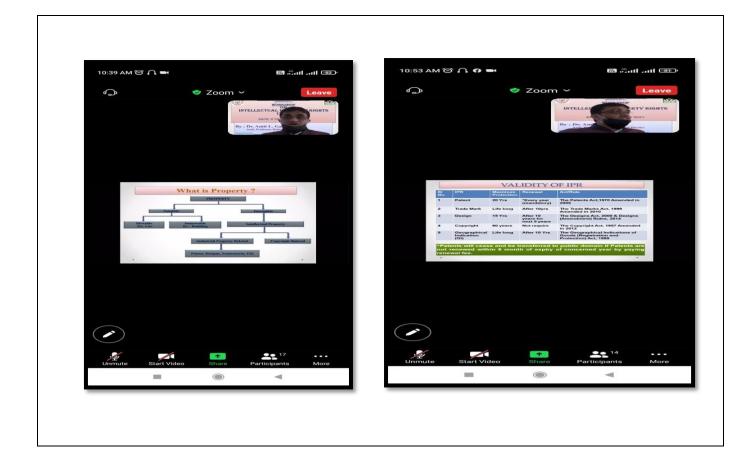
Academic Session 2020-21

**IQAC and Department of Physics** 

Name of Activity	OnlineWorkshop On '' INTELLECTUAL PROPERTY RIGHTS (IPR)''	
Date and Time of activity	Date : 08 <sup>th</sup> January 2021 Time : 10:30 am To 12:30 pm	
Activity organized under committee/cell	Department of Physics& IQAC	
Invited Guest	Guest Speaker Dr. Amit L. GadreAssit. Professor, Department of Physics ArvindbabuDeshmukhMahavidyalaya, Bharsingi	
Number of students participate	Girls: 18 Boys: 17 Faculty:24 Total: 59	
Number of faculties participate	ies participate 24	
VSPM ACADEMY OF HIGHER EDUCATION, NAGPUR ARVINDBABU DESHMUKH MAHAVIDYALAYA, BHARSINGI.TAH. NARKHED DIST. NAGPUR 441305 SESSION:2020-21 <u>WORKSHOP</u> ON INTELLECTUAL PROPERTY RIGHTS (IPR) DATE: S TH JANUARY 2021		
By : Dr. Amit L. Gadre Assit. Professor, Department of Physics Organized by DEPARTMENT OF PHYSICS & IQAC, ARVINDBABU DESHMUKH MAHAVIDYALAYA, BHARSINGI.Tah. Narkhed Dist. Nagpur 441305		

The Workshop on"Intellectual Property Rights (IPR)"held on8th January 2021 at ArvindbabuDeshmukhMahavidyalaya, Bharsingi. The blended mode (Online and Offline) was preferred for this workshop due to Covid-19 pandemic. The workshop was organized by Department of Physics & IQAC of ArvindbabuDeshmukhMahavidyalaya, Bharsingi in Audio-Visual room through Zoom meeting application. The aim of this program was to aware faculties and students about Intellectual Property Rights (IPR) process and patent filling. The speakerDr. Amit L. Gadre, Assit. Professor, Department of Physics, ArvindbabuDeshmukhMahavidyalaya, Bharsingi delivered workshop lecture through Zoom meeting with PPT Presentation and shared his knowledge about "Intellectual Property Rights (IPR)" during workshop. The chief guest of this program was Dr. Vijay Dhote sir, Principal and Dr. Prakash Pawar, IQAC coordinator and Dr. ShrikantThakare, Science In-charge were present. The faculty members and students are benefitted by this program. For the organization of this workshop Dr. Anjali R. Gharpur, Head of Department of Physics and Mr. Bharat Madavi took efforts. The program was compere by Dr. Nitin M Raut, Assit. Professor, Department of Zoology and vote of thanks given by Mr. Surendra R. Sinkar, Assit. Professor, Department of Botany.







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Academic session 2020-2021

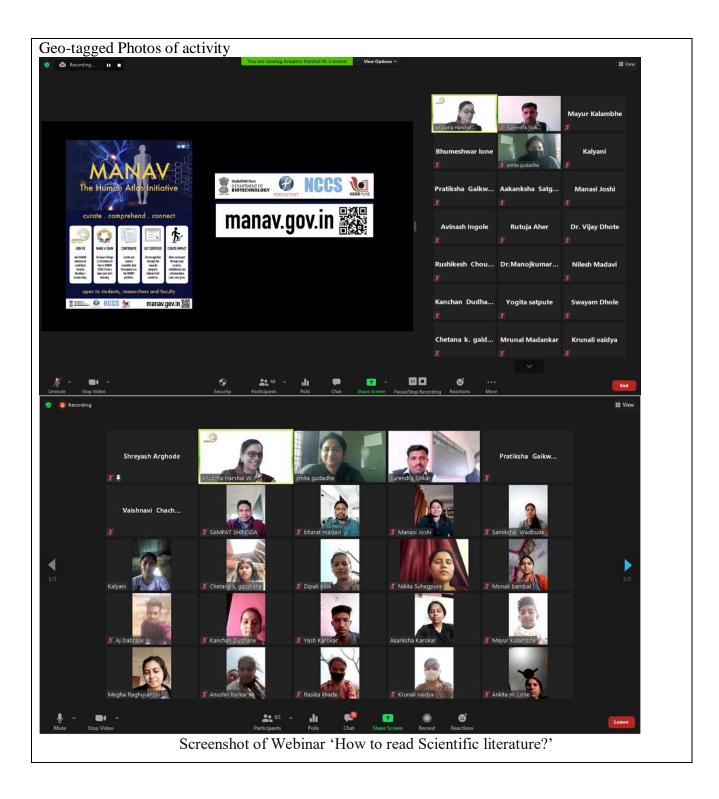


**IQAC and Department of Botany** 

Name of Activity	Webinar on 'How to read Scientific literature'	
Date and Time of activity	15 <sup>th</sup> February 2021, 11:00 AM to 12:30 PM	
Activity organized under committee/cell	IQAC	
Invited Guest	Dr. AnupamaHarshal W	
Number of students participated	Girls: 48 Boys: 23 Total= 71	
Number of faculties participated	14	
Brochure of activity		
Arvindbabu Desh	Higher Education, Nagpur mukh Mahavidyalaya Dist, Nagpur- 441305 (M.S.) India	
HOW Consultant, (S Manav	NT OF SCIENCE AND IQAC ORGANISED One day Webinar on topic TO READ SCIENTIFIC LITERATURE? Speaker: Dr. Anupma Harshal W. cience Communication and Public Engagement) The Human Atlas Initiative, IISER, Pune Who can attend the webinar? achers, Industry Professionals, and all science enthusiasts	
There are no re	How to register for the webinar? gistration fees. But it will be on a first come first serve basis. To register, fill in the details in this form.	
https://forms.gle/pi/VhSKGjepo2Qmo6A Date: 15 February 2021 Time: 11.00 am		
т	How to register for the webinar? ration fees. But it will be on a first come first serve basis. o register, fill in the details in this form. funded by the Department of Biotechnology (DBT), Government of India, and co-funded by Persistent	
System as a collabor	databate by the Department of Blotechnology (DBT): Soverment of India, and Co-funded by Persistent attabate the second se	
Coordinator Organiz Mr. S. R. Sinkar Dr. S. P. Gu Assistant professor, Head, Dept. of Department of Botany.	dadhe Dr. Prakash D. Pawar Dr. Vijay W. Dhote	
Brief Report:		

Webinar on "How to Read Scientific Literature" held on 15<sup>th</sup> February 2021, the Department of Science and IQAC of ArvindbabuDeshmukhMahavidyalaya, Bharsingi& Indian Institute of Science Education and Research (IISER) Pune, jointly organized a webinar on date 15<sup>th</sup> Feb 2021. The webinar was attended by total 85 participants,(Girls students 48, Boys students 23, Teachers 14) including undergraduate, postgraduate and teacher staff, participants from colleges. The purpose of organising webinar was to get aware about Scientific literature, its access and reading. **Dr.AnupamaHarshal W.** from Indian Institute of Science Education and Research (IISER), Pune was the invited eminent speaker for the session & the theme was "*How to Read Scientific Literature*" The session started with a welcome speech by **Dr. S.P. Gudadhe**, *Head*, *Department of Botany, ArvindbabuDeshmukhMahavidyalaya, Bharsingi*. The session was then taken over by **Dr.Anupama**Harshal W. In her lecture, she presented a brief perspective on how to access research articles and highlighted how to read scientific literature effectively, how to understand the diagrammatic representations, figures, how to do annotation and its importance etc. She also focuses on reading a correct research article. Meanwhile she also discussed MANAV- the Human Atlas Initiative, which is a project funded by the DBT, Govt. of India in collaboration with Persistent System, NCCS, and IISER, Pune. At the end of the talk, she invited to interested students' participants to join under MANAV- the Human Atlas Initiative to data annotated, Thereafter, the Questions- Answer session was conducted by Mr. S. R. Sinkar, Assistant professor, Department of Botany, and vote of thanks was proposed by Dr. N. M. Raut, Assistant professor and Head, Department of Zoology.

After the session, there was an online MCQ test of English Proficiency and a session-based Questionnaire test taken up by the participants. E- certificates were distributed to all the participants who had registration, who attended and took the online MCQ test.





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Academic session 2020-2021

**IQAC and Department of Physics** 

Name of Activity	Webinar on the topic 'Wonders of stars and galaxy''
Date and Time of activity	10 <sup>th</sup> February 2021 at 11.00am
Activity organized under committee/cell/Department	Science(Physics)
Invited Guest	Mr. B.T. Tate, Associate Professor, Department of physics, Balbhim College, Beed (M.S)
Number of students participate	Girls: 28 Boys: 41 Total:69
Number of faculties participate	12
Brochure of Activity	
Arvindbabu Des	hmukh Mahavidyalaya, Bharsingi Dist. Nagpur Dept of Physics Urganized WEBINAR DN WONDERS OF THE SKY

Brief Report Department of Physics of ArvindbabuDeshmukhMahavidyalayaconvened a webinar

Date: 10/02/2021 & Time: 11:00 A.M Onwards

Registration: https://forms.gle/TReC97ZpRoTvcBQA8

zoom

on 10<sup>th</sup> February 2021 on the topic ''Wonders of stars and galaxy''.Mr. B.T. Tate Associate Professor of department of physics from Balbhim College, Beed (M.S) was speaker. Webinar was conducted through Zoom meeting app. WhatsApp group was created to give instruction about webinar.Zoom meeting linkwas share on WhatsApp group on 10<sup>th</sup> February 11:00 A.M.Many students and faculty members attended webinar.Most of students don't had cell phones or laptop. So, college arranged some mobile phones and laptop in college itself.

Mr. B.T. Tate shared his knowledge about stars and galaxy. He talked about Planets, Stars, Sun, Moon eclipse Moon mission, Mars mission, Black hole.He suggested our students to don't believe on anything without scientific proof and suggested students to develop scientific attitude toward nature. Head of department of Physics Dr. Anjali Gharpur gave instruction about webinar. Dr. Amit Gadre introduced speaker to participantsand Mr. Bharat Madavi gave vote of thanks.

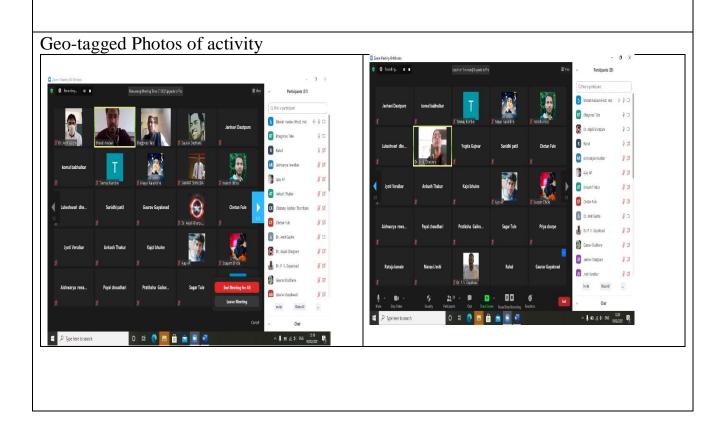
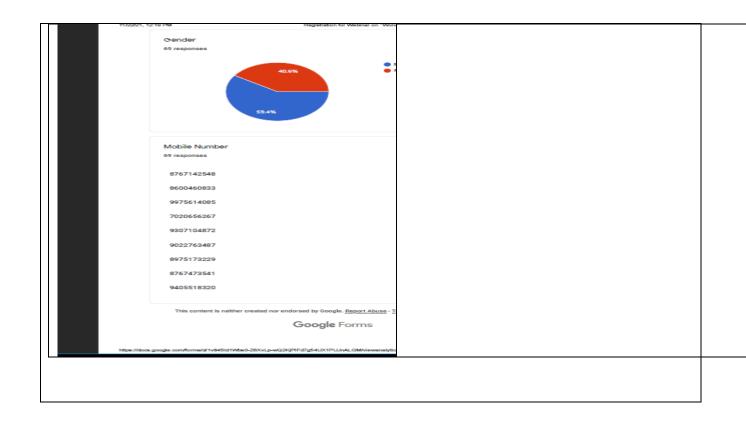
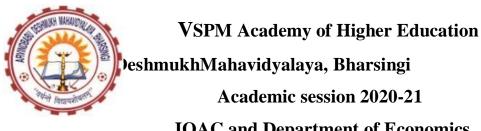


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# **IQAC and Department of Economics**

Name of Activity	Workshop Topic: How to fill up Offline /Online Insurance Policy
Date and Time of activity	22December 2020 Time :12.30 pm
Activity organized under committee/cell	IQAC
Invited Guest	Mr.NitinJaipurkar Development Officer LIC of India
Number of students participate	Girls: 22 Boys: 18 Total:40
Number of faculties participate	10
Brochure of Activity	
ARVINDBABU I BHAF	CMY OF HIGHER EDUCATION DESHMUKH MAHAVIDYALAYA RSINGI DIST:NAGPUR MENT OF ECONOMICS PRESENT
By.Mr Nitin Jaipurkar	Workshop on nline /offlne Life Insurance policy
Development Officer	Date SADURDAY Zoom Pattorm
Mr.Vijay P Rahangdale Dr.Sadha Asst Prof.& Head Asso	airperson ana Jichkar ciate Prof. at of Marathi

## **Brief Report:**

For need and urgency of understanding basic concept how to fill up offline or Online Insurance policy in daily life for B.A student ,department of Economics ,ADM Bharsingi organized workshop on dated 22 December 2020 at 12.30 pm .The topic of workshop was "How to fill up offline/online insurance policy ".The resource person for this guest lecture was Mr .NitinJaipurkar ,Development Officer ,LIC of India.

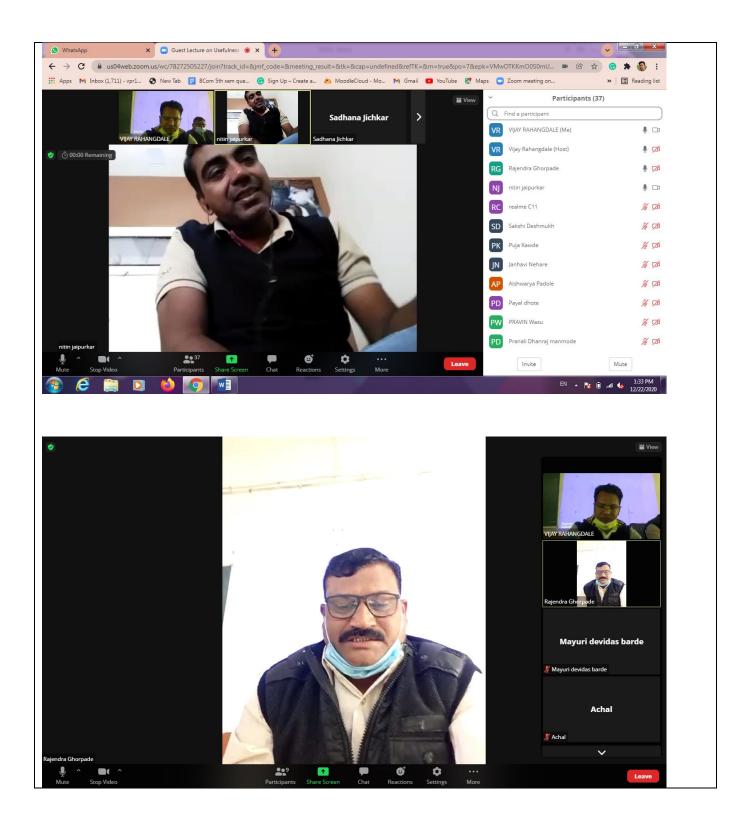
Mr .NitinJaipurkar was explained following point

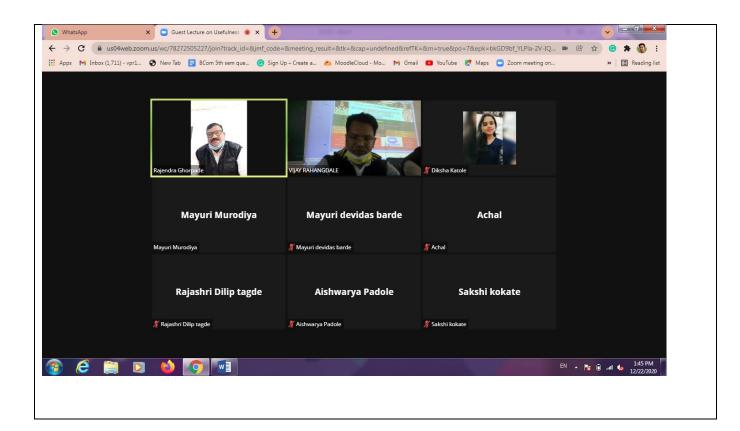
- 1. How explore online insurance policy.
- 2. Which document need to apply online.
- 3. What is process of applying online insurance policy?
- 4. What are charges to pay offline or Online Policy?
- 5. What are the standard measure to do online payment for Insurance policy.

For this program the chairperson was Mr.RajendraGhorpade, Head Department of Political Science, ADMBharsingi.He explained importance of Insurance in student life as well in farmer life. All the faculty member of humanities department and students of different schools was virtually present for this program.









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Arvindbabu Deshmukh Mahavidyalaya, Bharsingi

Academic session 2020-21

**IQAC and Physical Education** 



# Activity 01

Name of Activity	International multidisciplinary conference on	
	contemporary approaches and application in Physical	
	Education and Sports Sciences	
Date and Time of activity	26-27 march 2021	
Activity organized under committee/cell	IQAC and Physical Education Department	
Invited Guest	<ol> <li>Dr. BaridBhattachrya Retired from Oxford Health NHS trust UK</li> <li>Nupur Tiwari, Yoga consultant and Philanthropist, Tokyo Japan</li> <li>Prof. Jayshree Acharya, founder and member of National sport university, Manipur</li> <li>Colonel ArvindJha, Work as Sports Psychologist in RIO Olympic 2016 for India</li> </ol>	
Number of students participated	457	
Number of faculties participated	85	

## **Brochure of Activity**



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 For More Details Please Contact:
 Dr D.C. Wankhade (9420087899 Dr Amit Tembhurne (8055446177)
 Dr Babu Shingwar (892226831) Dr Parivi Kumar (8960367551)
 Units for Jeining our Telegram Group- https://t.mer/jeinchat/051270eMIvFR30 FR30iL

IQAC and Department of Physical education organized **International multidisciplinary conference on contemporary approaches and application in Physical Education and Sports Sciences** in collaboration with Rashtrasant Tukadoji Maharaj Nagpur University physical education teacher Association and other colleges on 26-27 March 2021. For this two days conference invited guest are Dr. BaridBhattachrya Retired from Oxford Health NHS trust UK, Nupur Tiwari, Yoga consultant and Philanthropist, Tokyo Japan, Prof. Jayshree Acharya, founder and member of National sport university, Manipur and Colonel ArvindJha, Work as Sports Psychologist in RIO Olympic 2016 for India which share their knowledge and information regarding there topics. Conference received great success and it was appreciated from all the sides of society more 700 participants are registered for the conference and many of them attended the online conference.