



ON THE OCCASSION OF INTERNATIONAL DAY OF EDUCATION

Theme of the Year "Learning for Lasting Peace"

Department of Zoology of the Dadapati Rajale Arts, Science and Commerce College, Adinathnagar, Tal. Pathardi, Dist. Ahmednagar, Affiliated to S.P.P.University, Pune. Late Ramesh Warpudkar Art, Commerce Science College, Sonpeth, Dist. Parbhani (M.S.), Affiliated to S.R.T.M. University, Nanded; Kalikadevi Arts, Commerce and Science College, Shirur (Ka.), Dist. Beed, Milliya Arts, Science & Management Science College Beed (M.S.) Affiliated to Dr. B.A.M.University,Aurangabad (M.S.). and Maharaj J. P. Valvi Arts, Commerce and Shri. V. K. Kulkarni Science College, Dhadgaon Dist. nandurbar (M.S.), Affiliated to K.B.C.N.M.University, Jalgaon (M.S.)



ONE DAY NATIONAL WEBINAR ON CAREER AVENUES IN LIFE SCIENCES (NWCALS- 2024)

ORGANIZED BY DEPARTMENT OF ZOOLOGY UNDER THE PROGRAM OF MOU BETWEEN

Report of NWCALS-2024



Report of One Day National Webinar on "Career Avenues in Life Sciences" (NWCALS-2024)





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Report of NWCALS-2024

PATRON.....

- **Hon'ble Shri. Jaydatta (Anna) Kshirsagar,**
Secretary, Adarsh Shikshan Sanstha, Beed (M.S.)
- **Hon'ble Shri. Appasaheb Rajale (Kaka),**
President, Shri. Dadapatil Rajale Shikshan Sansthas, Adinathnagar, Tal. Pathardi, Dist. A' nagar (M.S.).
- **Hon'ble Shri. Parmeshwar Kadam,**
President, Hanuman Shikshan Prasarak Mandal, Sonpeth, Dist. Parbhani (M.S.).
- **Hon'ble Mrs. Khan Sabiha Begam,**
Secretary, Anjumn Ishaat-e-Taleem, Beed (M.S.).
- **Hon'ble Shri. Hemant Valvi,**
President, Adiwasi Satpuda Shikshan Mandal, Dhadgaon (M.S.)

ORGANIZING SECRETARIES...

- **Principal Dr. Vishwas S. Kandhare**
KSK, College, Shirur Kasar
- **Principal Dr. Rajdhar J. Temkar**
DPR, College, Adinathnagar
- **Principal Dr. Vasant D. Satpute**
LRW, College, Sonpeth
- **Principal Dr. Mohd. Ilyas Fazil**
Milliya College, Beed
- **Principal Dr. Sanjay A. Gaikwad**
MJPVK, College, Dhadgaon

CONVENERS...

- **Dr. Tanvir S. Pathan ,**
Head, Dept. of Zoology
- **Dr. Atul R. Chourpagar**
Head, Dept. of Zoology
- **Dr. Santosh V. Rankhamb**
Head, Dept. of Zoology
- **Dr. Sairy Abdulla**
Associate Professor
- **Dr. Sunil E. Shinde**
Head, Dept. of Zoology





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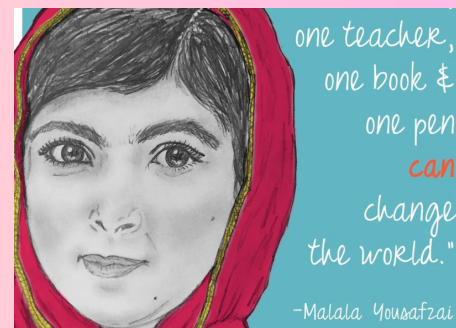
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Report of NWCALS-2024

ABOUT WEBINAR:

The webinar is organize on the occasion of **International Day of Education**, under the theme "**Learning for Lasting Peace**". Life sciences is a career field focusing on the discovery and management of knowledge, products, and processes associated with living organisms. Positions in this field may include research and development, laboratory/field work, government jobs and sales that focus on improving lives by bringing together technology and sciences.

The aim of this webinar is to help learners plan and make informed choices in their education and career.





ON THE OCCASION OF INTERNATIONAL DAY OF EDUCATION

Theme of the Year "Learning for Lasting Peace"



ONE DAY NATIONAL WEBINAR ON CAREER AVENUES IN LIFE SCIENCES (NWCALS- 2024)

ORGANIZED BY DEPARTMENT OF ZOOLOGY UNDER THE PROGRAM OF MOU BETWEEN

Report of NWCALS-2024

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ORGANIZED BY DEPARTMENT OF ZOOLOGY UNDER THE PROGRAM OF MOU BETWEEN

Kalikadevi Arts, Commerce and Science College, Shirur (Ka.), Dist. Beed.

Dadapatil Rajale Arts & Science College, Adinathnagar, Tal. Pathardi, Dist. Ahmednagar.

Late Ramesh Warpudkar Arts, Commerce and Science College, Sonpeth, Dist. Parbhani.

Milliya Arts, Science & Management Science College Beed (M.S.).

Maharaj J. P. Valvi Arts, Commerce and Shri. V. K. Kulkarni Science College, Dhadgaon Dist. nandurbar (M.S.)

INTERNATIONAL DAY OF EDUCATION
"Learning for Lasting Peace"

DATE: 24, JANUARY, 2024 TIME: 10:00 AM TO 12:00 PM

PATRONS

- Hon'ble Shri. Jaydatta (Anna) Kshirsagar**
Secretary, Adarsh Shikshan Sanstha, Beed (M.S.)
- Hon'ble Shri. Appasaheb Rajale (Kaka)**
President, Shri. Dadapatil Rajale Shikshan Sansthas, Adinathnagar, Tal. Pathardi, Dist. A' nagar (M.S.).
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- Principal Dr. Rajdhar J. Temkar**
- Principal Dr. Vasant D. Satpute**
- Principal Dr. Mohd. Ilyas Fazil**
- Principal Dr. Sanjay A. Gaikwad**

CONVENERS

- Dr. Tanvir S. Pathan**
Head, Dept. of Zoology (9604055301)
- Dr. Atul R. Chourpagar**
Head, Dept. of Zoology (8390129150)
- Dr. Santosh V. Rankhamb**
Head, Dept. of Zoology (797247033)
- Dr. Sairy Abdulla**
Associate Professor (90280 60310)
- Dr. Sunil E. Shinde**
Head, Dept. of Zoology (9021515358)

REGISTRATION LINK

Scan or click to register
<https://forms.gle/v2FX9FqEqTfoGPGU9>

ABOUT WEBINAR

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INAUGURATOR

PROFESSOR DR. L.B. DAMA
Hon'ble Pro-Vice Chancellor, Punyashlok Ahilyadevi Holkar Solapur University, Solapur.

NAME OF THE SPEAKERS

DR. ARUN PRATAP SIKARWAR
ASSISTANT PROFESSOR, DAYALBAGH EDUCATIONAL INSTITUTE [DEEMED TO BE UNIVERSITY] AGRA.

TOPIC: LIFE SCIENCES FOR COMPETITIVE EXAMINATIONS

DR. ANIL RAMCHANDRA KURHE
ASSOCIATE PROFESSOR, DEPARTMENT OF ZOOLOGY, PVP COLLEGE PRAVARANAGAR.

TOPIC: OPPORTUNITIES OF RESEARCH CAREER IN LIFE SCIENCES

JOIN ZOOM MEETING WITH
Meeting ID: 845 2731 9781
Passcode: 77N6Q2





ON THE OCCASSION OF INTERNATIONAL DAY OF EDUCATION

Theme of the Year "Learning for Lasting Peace"



ONE DAY NATIONAL WEBINAR ON CAREER AVENUES IN LIFE SCIENCES (NWCALS- 2024)

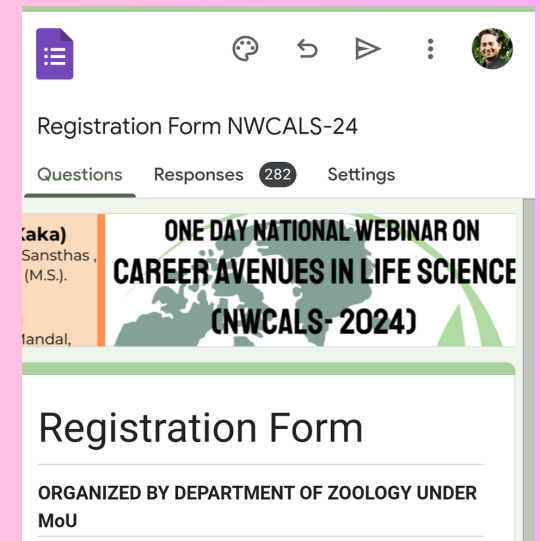
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Report of NWCALS-2024

PARTICIPANTS:

The webinar is organize on the occasion of **International Day of Education**, under the theme "**Learning for Lasting Peace**". For this said webinar **282 students and teachers** registered and participated from the various parts of the India.





ON THE OCCASSION OF INTERNATIONAL DAY OF EDUCATION

Theme of the Year "Learning for Lasting Peace"



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Report of NWCALS-2024

Welcome Speech given By **Dr. V. S. Kandhare**, Principal, Kalikadevi Arts, Commerce and Science College, Shirur (Ka.), Beed.

Inauguration Session

Introduction of Speaker given By Dr. Sairy Abdulla



Professor (Dr.) Laxmikant B. Dama,
Hon'ble Pro-Vice Chancellor,
Punyashlok Ahilyadevi Holkar Solapur
University, Solapur.

One Day National Webinar inaugurated by **Professor (Dr.) Laxmikant B. Dama**, Hon'ble Pro-Vice Chancellor, Punyashlok Ahilyadevi Holkar Solapur University, Solapur.

In his inaugurated talk he has overview the overall career options along with the entrepreneurship in the field of life sciences. He said role of the teachers and students very much important while selections of the career in any field, for this every students should work hard, stick with the plan A & plan B for career.

The **Principal Dr. R. J. Temkar** chaired and welcome the Hon'ble Chief Guest.





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Report of NWCALS-2024

Session -I

Introduction of Speaker given By **Dr. Santosh Rankhamb.**

Dr. Arun Pratap Sikarwar Assistant Professor, Dayalbagh Educational Institute (Deemed To Be University), Agra.

Talk on the Topic: Life Sciences for Competitive Examination.

He was explaining the various competitive examinations conducted by various government authorities. For better future in competitive examinations you have to read, understand, beat yourself in the every situations in life, he said.

The **Principal Dr. V. D. Satpute** chaired the session and gave the remark about the session.



Dr. Arun Pratap Sikarwar
Assistant Professor, Dayalbagh
Educational Institute (Deemed To
Be University), Agra.





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Report of NWCALS-2024

Session II:

Scale of the Universe
 Visible Universe, Milky Way, Solar System, Earth, Human, Cell, Atom, Particle.

Hierarchy of the Sciences
 Earth & Space, Life Sciences, Physical Sciences, Formal Sciences, Social Sciences, Functional Biology, Chemistry, Physics, Mathematics, Botany, Zoology, Microbiology, Immunology, Cell Biology, Molecular Biology, Biochemistry, Biophysics, Biotechnology, Environmental Science, Ecology, Evolutionary Biology, Systematics, Paleontology, Anthropology, Archaeology, Geology, Oceanography, Atmospheric Science, Planetary Science, Cosmology, Astrophysics, Astronomy, Space Science, Planetary Science, Astrobiology, Astrochemistry, Astrobiology, Astrochemistry, Astrobiology, Astrochemistry, Astrobiology, Astrochemistry.

Mind Map Guidelines
 Clarity, Center, Style, personal develop, Keywords, Lines, Use, Emphasis, Images, Codes, Dimension.

Sirtuins study of **Yoga experiments** in the space / microgravity in upcoming Gaganyaan mission of ISRO.
 Sirtuins are a family of proteins that play a role in aging and age-related conditions.
 Sirtuins are dependent on NAD+, both sirtuin and NAD+ levels decline with age. Increased sirtuin activity has been linked to increased lifespan in yeast and animals and cardiovascular, metabolic, and cognitive health in humans.
GAGANYAAN 1ST TEST FLIGHT newsX
LIVE ON newsX 0:20:21

Branches of Botany
 Plant Physiology, Plant Anatomy, Plant Biochemistry, Plant Ecology, Plant Systematics, Plant Evolution, Plant Biotechnology, Plant Pathology, Plant Microbiology, Plant Molecular Biology, Plant Cell Biology, Plant Development, Plant Genetics, Plant Breeding, Plant Conservation, Plant Biomechanics, Plant Biophysics, Plant Biostatistics, Plant Bioinformatics, Plant Biomechanics, Plant Biophysics, Plant Biostatistics, Plant Bioinformatics.

Branches of Zoology
 Animal Physiology, Animal Anatomy, Animal Biochemistry, Animal Ecology, Animal Systematics, Animal Evolution, Animal Biotechnology, Animal Pathology, Animal Microbiology, Animal Molecular Biology, Animal Cell Biology, Animal Development, Animal Genetics, Animal Breeding, Animal Conservation, Animal Biomechanics, Animal Biophysics, Animal Biostatistics, Animal Bioinformatics.

Orthotics in near future
 Army soldiers, bachelors, terrorists etc.
 Who owns the limbs? Soldier him/herself or the organization?
THE MICRO-PROCESSOR LEG

Elon Musk Announces Neuralink Advance Toward Syncing Our Brains With AI
 Musk's company Neuralink demonstrates fully implantable chip in pigs.

Jobs vs Career
 COMFORT ZONE: Where you feel safe and in control. Affected by others' opinions. Lacking self-confidence.
 FEAR ZONE: Finding excuses. Dealing with new challenges & problems.
 LEARNING ZONE: Getting new skills and experience. Expanding your comfort zone.
 GROWTH ZONE: Finding your purpose. Making your dreams a reality. Self-confidence & belief.
 Achieving objectives. Setting new goals.

Humane AI Pin
 With the help of inbuilt **AI** and with powerful **AI**, this small device use to keep much biological data of human body also.

Bio-engineered vocal cords to sharpen the singing capability
 Living musical instrument?





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Report of NWCALS-2024

Session -II

Introduction of Speaker given By Dr. Tanvir Pathan



Dr. Anil Ramchandra Kurhe,
Associate Professor,
Department of Zoology,
PVP College, Pravaranagar.

Dr. Anil Ramchandra Kurhe, Associate Professor, Department of Zoology, PVP College, Pravaranagar.

Talk on the Topic: Opportunities of Research Career in Life Sciences.

He explained the current scenario of research in India as well in the world and opportunities in life sciences. He shared the different fellowships, funds, projects funded by agencies government and non-government. Companies are looking for the best and brightest students for this students need advice, help, support, tips, guidance and assistance from parents and teachers.

The **Principal Dr. S. A. Gaikwad** chaired the session and gave the remark about the session.





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Report of NWCALS-2024

Opportunities of Research Career in Life Sciences

Exploring the Exciting Pathways

Dr. Anil Kurhe
(Ph.D. Post Doc-Spain)
Associate Professor, Department of Zoology,
Padmasini Vilhe Patil College, Pravaranagar (Loni)
Affiliated to Savitribai Phule Pune University, Pune
Email: anil.kurhe@gmail.com

National Level Departments/ Organizations

- Industries, distilleries, fertilizer plants, mines, refineries, textile mills etc.
- Social Development
- Research and Development
- Forest and Wildlife Management
- NGOs
- Pollution Control Boards
- Urban Planning
- Water Resources and Agriculture
- Public Institutions and Private Industries and Firms
- Colleges and Universities
- Ministry of Environment and Forests

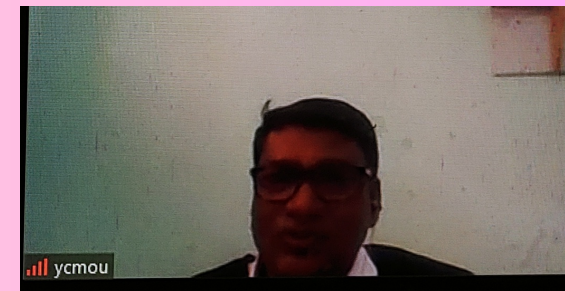
International Organizations

These organizations are involved in environmental management, and conservation efforts:

- (IPCC)
- United Nations Environment Programme (UNEP)
- Earth System Governance Project
- Embassies and other Inter-national organization related to environment

"Companies are looking for the best and brightest students"

ADVICE HELP
TIPS SUPPORT
ASSISTANCE GUIDANCE



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ADVICE HELP
TIPS SUPPORT
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"Companies are looking for the best and brightest students"

Some of the reputed recruiters in the field of food technology are as the following

- > MTR Foods limited
- > Amul
- > Dabur India Ltd
- > Godrej Industrial Limited
- > PepsiCo India Holdings
- > Britannia Industries Ltd
- > Nestle India Pvt Ltd
- > ITC Limited
- > Agro Tech Foods
- > Parle Products Pvt Ltd
- > Perfetti India Ltd
- > Hindustan Lever Limited
- > Cadbury India Ltd
- > Milkfood
- > Gits Food Products Pvt Ltd

11. **European Molecular Biology Organization (EMBO)****
- Website: [EMBO](https://www.embo.org/)
12. **Department of Biotechnology (DBT) - India****
- Website: [DBT](http://dbtindia.gov.in/)
13. **Human Frontier Science Program (HFSP)****
- Website: [HFSP](https://www.hfsp.org/)
14. **USDA National Institute of Food and Agriculture (NIFA)****
- Website: [NIFA](https://nifa.usda.gov/)
15. **American Cancer Society (ACS)****
- Website: [ACS](https://www.cancer.org/)
16. **American Heart Association (AHA)****
- Website: [AHA](https://www.heart.org/)
17. **Wellcome Trust - DBT India Alliance****
- Website: [India Alliance](https://www.indiaalliance.org/)
18. **Swiss National Science Foundation (SNSF)****
- Website: [SNSF](http://www.snf.ch/)

Dr. Tanvir Khan...

Dr. Sunil Shinde

Anil Mane

RAMDAS TORA

RAMDAS TORA

Maresh

ADVICE HELP
TIPS SUPPORT
ASSISTANCE GUIDANCE

"Companies are looking for the best and brightest students"

Mohamed Asif

Late Ramesh Wa...

Dr. Tanvir Khan...

Dr. Sunil Shinde

Anil Mane

RAMDAS TORADE

Maresh

Dr. Khade S. N.

Dr. Mira Nigla...

The interdisciplinary nature of life sciences research

- **Bioinformatics:** Integration of biology and computer science to analyze and interpret biological data, including genomics, proteomics, and other omics approaches.
- **Biophysics:** Combining principles of physics with biology to understand biological structures, processes, and interactions at the molecular and cellular levels.
- **Biochemistry:** Merging biology and chemistry to study the chemical processes and substances that occur within living organisms.
- **Biotechnology:** Application of biological knowledge to develop technologies and products for diverse industries, such as medicine, agriculture, and environmental science.
- **Pharmacology:** Involves the study of the interaction between drugs and living organisms, combining elements of biology and chemistry to understand their therapeutic effects.

Mohamed Asif

Atul Chourpagar

Lenovo

Ranjit Raut

Late Ramesh Wa...

Dr. Sunil Shinde

Dr. Tanvir Khan...

Pritya bade

Dr. Ashish Gan...

Prashant Sanghal

Prashant Sanghal

Dr. Sairaj Abdull...

Dr. Sayed Raisod...

Mayur Sabbe

Abdul Samad A...

Dr. Manisha Ute...

Dr. Shaikh Feroz...

Kaveri Pawar

Dr. Asghar Jafar...

Dr. Ramana Sha...

Dr. Rafoogee Sh...





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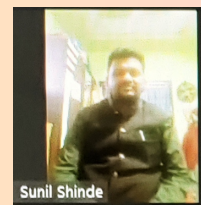
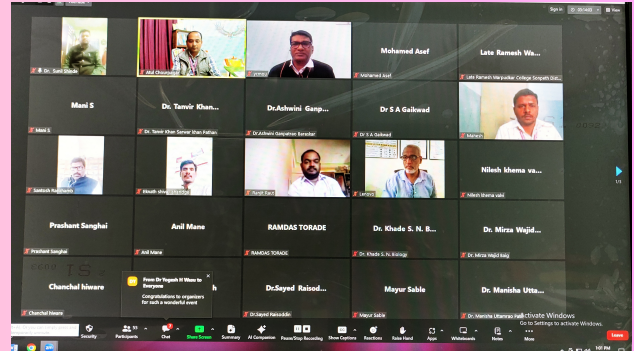
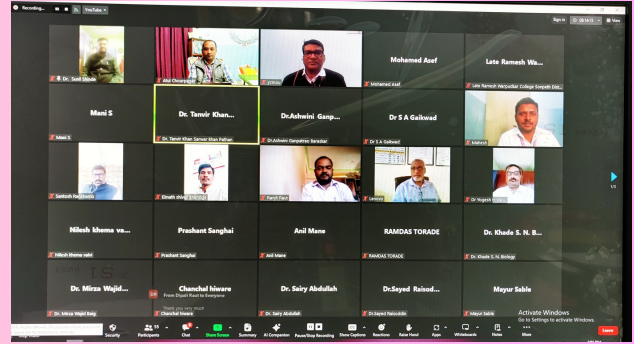
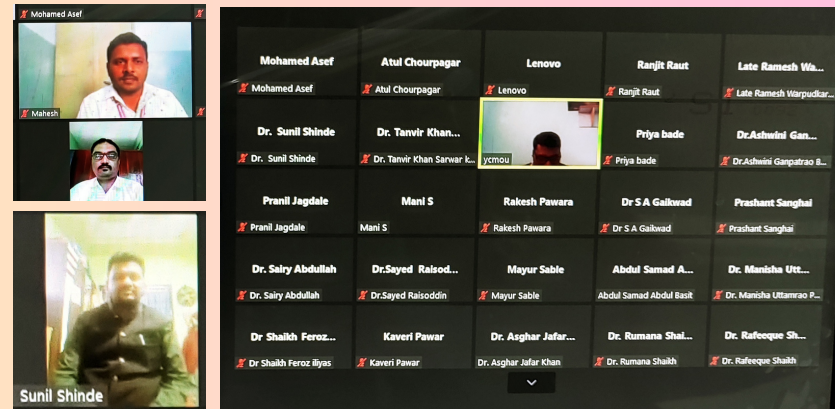
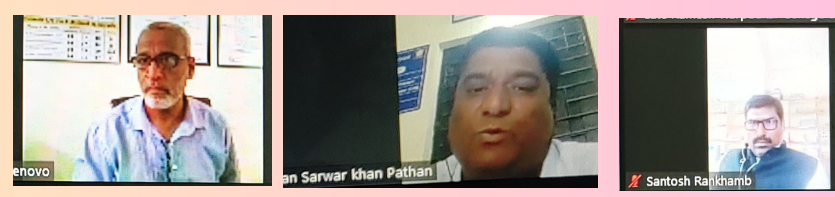
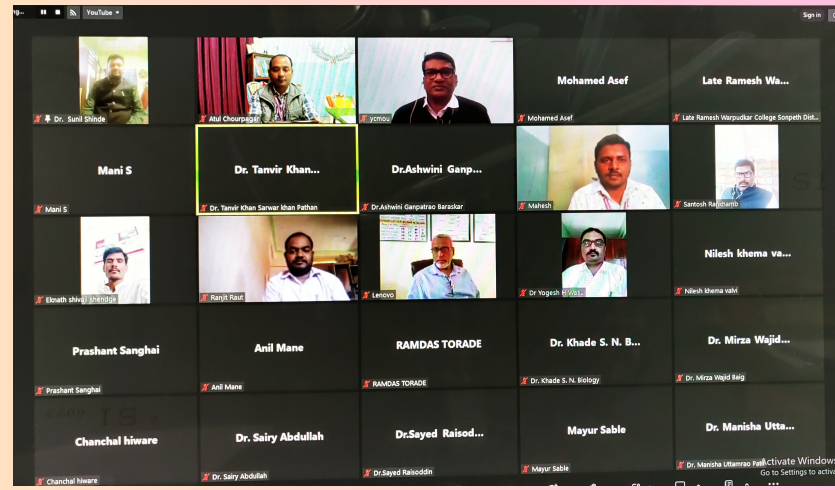
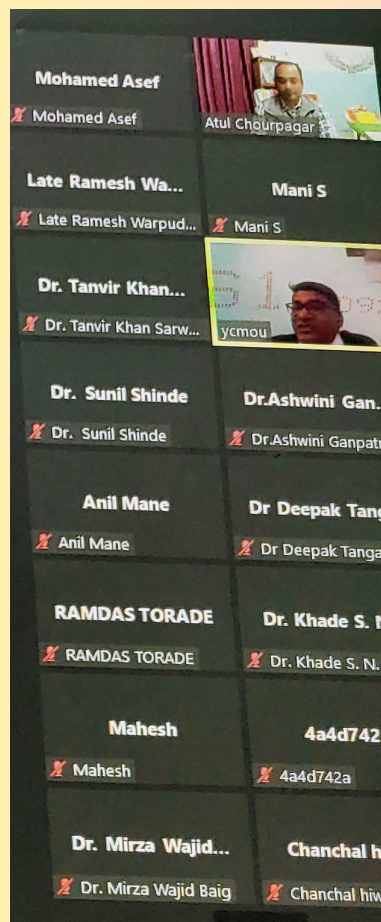


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Department of Zoology of the Dadapatil Rajale Arts, Science and Commerce College, Adinathnagar, Tal. Pathardi, Dist. Ahmednagar, Affiliated to S.P.P. University, Pune. Late Ramesh Warpudkar Art, Commerce Science College, Sonpeth, Dist. Parbhani (M.S.), Affiliated to S.R.T.M. University, Nanded; Kalikadevi Arts, Commerce and Science College, Shirur (Ka.), Dist. Beed, Milliya Arts, Science & Management Science College Beed (M.S.) Affiliated to Dr. B.A.M. University, Aurangabad (M.S.) and Maharaj J. P. Valvi Arts, Commerce and Shri. V. K. Kulkarni Science College, Dhadgaon Dist. nandurbar (M.S.), Affiliated to K.B.C.N.M. University, Jalgaon (M.S.)

Report of NWCALS-2024





ON THE OCCASION OF INTERNATIONAL DAY OF EDUCATION

Theme of the Year "Learning for Lasting Peace"



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Report of NWCALS-2024

Feedback from participants about the National Webinar 2024

Feed Back Form NWCALS-24

Questions Responses 92 Settings Total points: 4

Feed Back Form

ORGANIZED BY DEPARTMENT OF ZOOLOGY UNDER MoU

Feed Back Form NWCALS-24

Questions Responses 92 Settings Total points: 4

92 responses

Santhas (M.S.)
pemraj sarada college
Guru kashi university
Chandmal Tarachand Bora College, Shirur
Shri pundlik Maharaj mahavidyalaya nandura dist buldana
Dr. Bamu university
Abhinav Education Society's Abhinav college of science Akole 422601
HPT arts and RYK science college, Nashik
ABHINAV COLLEGE OF SCIENCE,AKOLE

Feed Back Form NWCALS-24

Questions Responses 92 Settings Total points: 4

92 responses

Milliya Arts Science and Management Science College Beed
Yeshwant Mahavidyalaya Nanded
Pemraj Sarda College Ahmednagar
Dadapati Rajale Arts and Science College
AIIMS, JODHPUR
Yogeshwari Mahavidyalaya Ambajogal, District Beed
PVP COLLEGE LONI
Dr. Rafiq Zakaria College for Women Aurangabad (Maharashtra) India

ABHINAV COLLEGE OF SCIENCE,AKOLE

Dayanand College, Hisar

Abhinav college of science akole

PG Research Centre Tuljaram Chaturchand College Baramati

Milliya Arts science and management science college Beed

Subhash Baburoo Kul Art's Commerce And Science College Kedgaon, Tal: Daund, Dist.: Pune

Dr.Rafiq Zakaria Women College Aurangabad

Loknete vyankatrao hiray arts, commerce

Any Suggestions for future

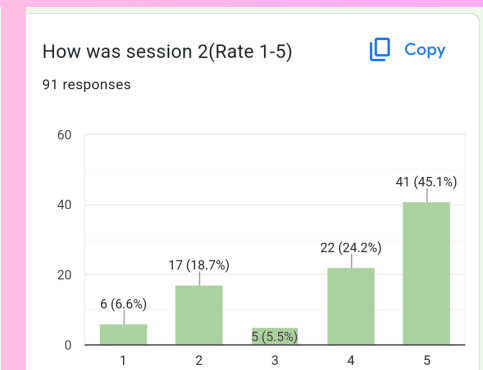
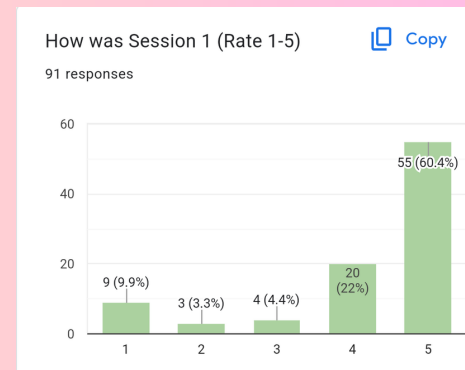
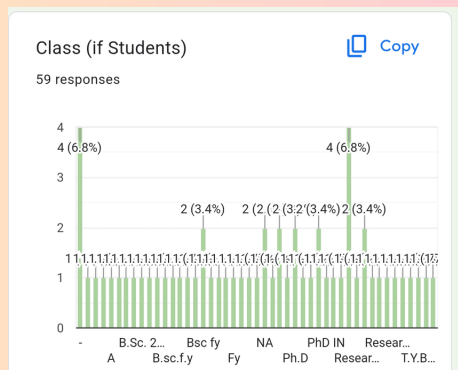
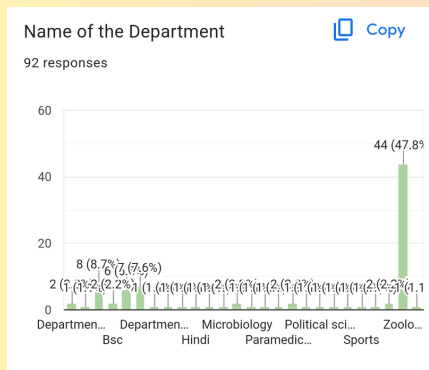
91 responses

No
Excellent
Nil
Nothing
Arrange more webinar
Thank you very much for organising such an unique themed National Webinar. All the best for future events.
Good

Any Suggestions for future

91 responses

Good
Very Nice Informative Session
Chemistry hod
Please, Always organize such webinars in future.
Webinar is more informative
Good series of seminar
NO
Very informative





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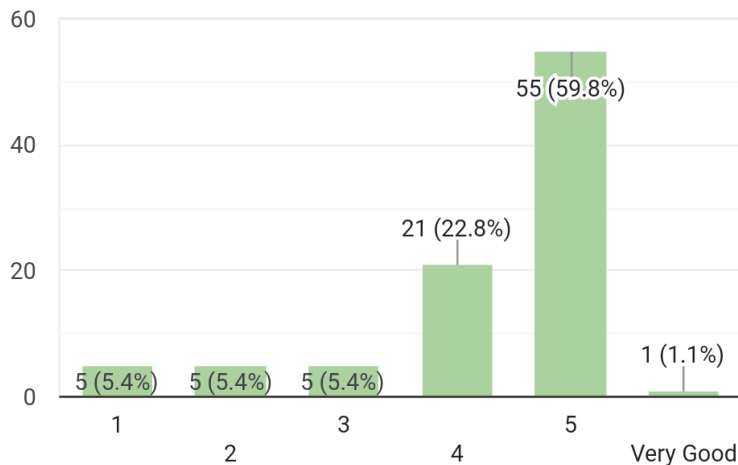
Report of NWCALS-2024

Feedback of participants about the National Webinar 2024

Overall rating of Webinar



92 responses



Very informative

Must conduct such excellent n learnable programs

Session is very good.

Good for life sciences student opportunities job information isvery helpful for future

New Information

Yes might be always held this type of program

Thank you

It is been a nice sessions

Take online programs for future job

improve network connection please

Very pleasant and good person to talked

Very good information

Arrange such amazing lessons in future also

Very informative Successful Webinar

All sessions are good

Over-all webinar was excellent but there was some interrupt network

Please take such activities regularly

This program is about the Carrier Avinues in the life sciences so this lecture is most beneficial to us.in this lecture the teacher gives the information about the job opportunities in the life sciences,and job opportunities in the research field in the life sciences.so this program is very important to us. I will say Thanks to Rankhamb Sir to organize this program.And thanks all teachers yo guide ourself.

what to do after bsc

Best future

Timing of Session was In Afternoon

Very informative and useful information so thanks organizer

No it's very knowledgeable webinar

It should be ntional seminar or conference except webinar.

Overall very good

Best

--

Very nice

Everything is good

Most important

Nature is important in life

New conference upcoming.

Thanks For Arranging Such Beautiful Webinar..

Very nice

No Suggestions, thank you

Very Good Sessions

Thank you

It is been a nice sessions

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improve network connection please

Very pleasant and good person to talked

Very good information

Arrange such amazing lessons in future also

Very informative Successful Webinar

All sessions are good



Conclusion remark about the webinar given by **Principal Dr. Mohd. Ilyas Fazil**



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The organizing committee thankful to all the authorities of the respected institutions, staffs, department collogues, students and participants for their valuable guidance and help for successful conduction of *One Day National Webinar on Career Avenues in Life Sciences.*

Anchoring by : Dr. Atul R. Chourpagar

Vote of thanks by: Dr. Sunil Shinde

