



Shri Shivaji Education Society Amravati's
Shri Shivaji Science and Arts College, Chikhli.
Dist. Buldana. -443201

Reaccredited by NAAC with B++ grade (CGPA 2.82)
ISO:9001-2015



3rd Cycle

Assessment & Accreditation by NAAC

CRITERION-III

Research, Innovations and Extension

QIm- 3.5 Collaboration

3.5.1. Number of MoUs, collaborations / linkages for Faculty exchange, Student exchange, internship, field trip, on-the-job training, research and other academic activities during the last five years



Shri Shivaji Education Society, Amravati's

SHRI SHIVAJI SCIENCE & ARTS COLLEGE
CHIKHLI DIST. BULDANA



Shri Harshawardhan P. Deshmukh
President
Shri Shivaji Education Society, Amravati

www.shivajichk.ac.in email : shivajichk@rediff.com ☎ (07264) 242088

Re-accredited by NAAC with B++ Grade [CGPA - 2.82]

Dr. Omraj S. Deshmukh
Principal
M.Sc., Ph.D.

Ref.No. SSSAC/IQAC/2022 .

Date: 31/8/2022

Self Declaration

This is to certify that, the information, reports, true copies of the supporting documents, numerical data, and weblinks furnished in this file are verified by IQAC and the head of the institution and found correct.

Hence this certificate is issued.

V. U. Pochhi

Dr. V. U. Pochhi

Coordinator

**IQAC, Shri Shivaji Sci. & Arts
College, Chikhli Dist. Buldana**



Dr. Omraj S. Deshmukh

Dr. Omraj S. Deshmukh

PRINCIPAL

**Shri Shivaji Science & Arts
College, Chikhli, Dist. Buldana**



महाराष्ट्र MAHARASHTRA

2020

YN 257666



9768
30/07/2021
श्री. शिवजी विद्यालय सोसायटी, अमरावती
श्री. शिवजी

**MEMORANDUM OF UNDERSTANDING
BETWEEN THE
DEPARTMENT OF ZOOLOGY,
SHRI SHIVAJI SCIENCE AND ARTS COLLEGE, CHIKHLI
DIST. BULDANA**

AND

**WILD LIFE AND ENVIRONMENT CONSERVATION SOCIETY AMRAVATI
DIST. AMRAVATI**

This MOU is made on- 29 July 2021

**About
SHRI SHIVAJI SCIENCE AND ARTS COLLEGE, CHIKHLI
DIST. BULDANA**

Shri Shivaji Science And Arts College, Chikhli. Dist. Buldana is an educational institute run by Shri Shivaji Education Society Amravati. The college was established in 1967 and has undergraduate, post graduate and PhD courses in the faculty of Arts, Commerce and Science. The College also has various career oriented courses. The college has succeeded in instilling

- Extensive study and documentation of avian diversity of the region and keeping records.
- Creating awareness about the protection of forts and other historical monuments.
- Arranging lectures and slide shows to create awareness about the snakes in agriculture and Environment.
- Providing information about poisonous and non poisonous snakes to prevent their killing and for to conserve them.
- To create mass awareness over various types of pollutions occurs during festivals.
- Arrange tree plantation programme and promote indigenous species plantation and create awareness against the use of plastic bags that poses a greater threat to the environment.
- Initiate research in the field of wild life conservation.
- Conduct workshops, seminar, poster presentation, and conferences in the field of Environment related sectors.

Annexure II

Participation of students in the following activities

- Participation in Clay Ganesh Idol Campaign
- Nature walk programme in Melghat during the months of August and January.
- Study of migratory birds during winter season.
- Butterfly watch and study programme in Melghat and Pohra forest.
- Trekking tours to the forest like Gawilgad and Narnala.
- Participation in adventure camp like mountaineering and trekking.
- Tree plantation in Campus during July and August.

Annexure III

Terms and conditions

- Admitted students will be eligible for training and other benefits.
- The fees schedule will be as per the decision of Wildlife and Environment Conservation Society in consultation with the Shri Shivaji Science And Arts College, Chikhli. Dist. Buldana
- The institute will provide the resource required.
- Certification will be provided by the institution and WECS
- The activities will be conducted in Wild life and Environment Conservation Society (WECS) and in an Institution.
- Life membership of WECS is compulsory for Institute.
- MOU will remain valid for next ten years.
- Institutional membership of WECS is mandatory

Aspeshmukhi

Principal

Shri Shivaji Science And Arts College,
Chikhli. Dist. Buldana

Principal
Shri Shivaji Sci. & Arts
College, Chikhli, Dist. Buldana



Imadudin

Secretary
WECS
Amravati

Secretary
Wildlife & Environment
Conservation Society.
Amravati (M.S.)

1.8.2021
(Dr. Jayant Wadalkar)



In the presence of witnesses

1. *G. A. Wagh* (Dr. G. A. Wagh)
2. *J. D. Nikam* (Dr. Neema T. Nikam)
3. *Dr. V. M. Hemke*



Memorandum of Understanding



Between

**Wildlife and Environment Conservation Society(WECS),Amravati
and**

Department of Zoology

Shri Shivaji Science And Arts College, Chikhli

Activity undertaken under MoU

Lecture Series

in the memory of

Late Prof. (Dr.) G N Vankhede

Late Prof. (Dr.) G N Vankhede Sir



17 Aug 1951 to 01 July 2016

Late Prof. (Dr.) G N Vankhede Sir, Ex Head-PG Department of Zoology Sant Gadge Baba Amravati University, Amravati. He was devoted his life to study and research of Zoology and Environment issues. He was a great Mentor and human being. He laid foundation of Arachnology in Maharashtra. He named specimens of spiders and revised bibliography of Indian Spiders. He launched Indian Society of Arachnology. He started Amravati Chapter of Indian Science Congress of Kolkata.

We pay our humble homage to him.





**Lecture series in the memory of
Late Prof.(Dr.) G N Vankhede
Theme: Environment Education
organized by**



**Department of Zoology
in collaboration with**

Wildlife & Environment Conservation Society (WECS) Amravati

Shri Shivaji Education Society, Amravati's

**Shri Shivaji Science And Arts College,
Chikhli Dist. Buldana**

Patron



**Hon. Shri Harshvardhan P. Deshmukh
President
Shri Shivaji Education Society, Amravati**

Organizer



**Dr. Omraj. S. Deshmukh
Principal
Shri Shivaji Science & Arts College, Chikhli**



Flyers of the Lecture Series

Shri Shivaji Education Society, Amravati's
Shri Shivaji Science And Arts College
Chikhli, Dist. Buldana

Department of Zoology
in collaboration with
Wildlife and Environment Conservation Society, Amravati
organizes
**Lecture Series in the memory of
Late Prof. (Dr.) G. N. Vankhede**
on
"Environment Education"

Organizer
Dr. Omraj S. Deshmukh
Principal
Shri Shivaji Science & Arts College, Chikhli

Patron
Hon. Shri Hanumanth P. Deshmukh
President
Shri Shivaji Education Society, Amravati

Lecture - I st

Resource Person
Dr. Gajanan A. Wadh
Professor
Department of Zoology
Shri Shivaji Education Society, Amravati

Date: 12 Aug 2021 Time: 10:45 am

Registration link: <https://forms.gle/yZtHtANtPqepLd1Z>
WhatsApp Group link: <https://chat.whatsapp.com/GtHcDz6d5WtP81t4>
Google Meet Video call link: <https://meet.google.com/ufb-dbrt-lyc>

Organizing Committee
Dr. Mones T. Nilam, Prof. & Head, Department of Zoology, Coordinator
Dr. Vijayshree M. Hemle, Assistant Prof. Dept. of Zoology, Convener
Dr. Rajendra B. Gade, Assistant Prof. Dept. of Zoology, Secretary

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Patron
Hon. Shri Hanumanth P. Deshmukh
President
Shri Shivaji Education Society, Amravati

Lecture - III rd

Resource Person
Dr. Manisha Wadh
Professor in Botany
GVSH, Amravati

Date: 27 Aug 2021 Time: 11:45 am

Registration link: <https://forms.gle/yZtHtANtPqepLd1Z>
WhatsApp Group link: <https://chat.whatsapp.com/GtHcDz6d5WtP81t4>
Google Meet Video call link: <https://meet.google.com/ufb-dbrt-lyc>

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Patron
Hon. Shri Hanumanth P. Deshmukh
President
Shri Shivaji Education Society, Amravati

Lecture - Vth

Resource Person
Mr. Kiran P. More
Lecturer & Supervisor
P. E. Amravati

Date: 21 Sept 2021 Time: 10:45 am

Registration link: <https://forms.gle/yZtHtANtPqepLd1Z>
WhatsApp Group link: <https://chat.whatsapp.com/GtHcDz6d5WtP81t4>
Google Meet Video call link: <https://meet.google.com/ufb-dbrt-lyc>

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Principal
Shri Shivaji Science & Arts College, Chikhli

Patron
Hon. Shri Hanumanth P. Deshmukh
President
Shri Shivaji Education Society, Amravati

Lecture - II nd

Resource Person
Dr. Jayant Wadkar
S G B Amravati University,
Amravati

Date: 17 Aug 2021 Time: 11:45 am

Registration link: <https://forms.gle/yZtHtANtPqepLd1Z>
WhatsApp Group link: <https://chat.whatsapp.com/GtHcDz6d5WtP81t4>
Google Meet Video call link: <https://meet.google.com/ufb-dbrt-lyc>

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Shri Shivaji Science And Arts College
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Patron
Hon. Shri Hanumanth P. Deshmukh
President
Shri Shivaji Education Society, Amravati

Lecture - IVth

Resource Person
Dr. Shirkan R. Warbekar
Department of Environmental Science
Inst. Narayana J'S College, Amravati

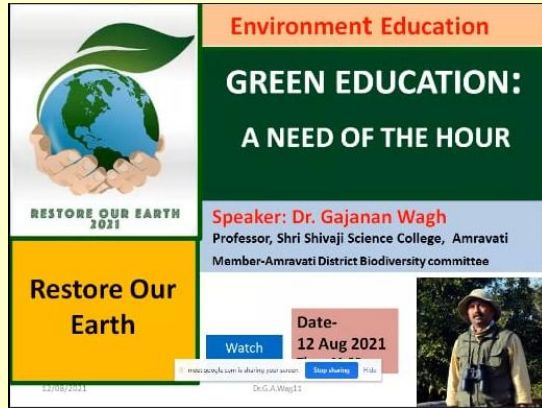
Date: 11 Sept 2021 Time: 11:45 am

Registration link: <https://forms.gle/yZtHtANtPqepLd1Z>
WhatsApp Group link: <https://chat.whatsapp.com/GtHcDz6d5WtP81t4>
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Lecture- I Green Education- Need of the hour

Date-12 Aug 2021



The thumbnail features a green banner at the top with the text 'Environment Education'. Below it, a dark green box contains the title 'GREEN EDUCATION: A NEED OF THE HOUR' in white. The speaker's name, 'Dr. Gajanan Wagh', and his credentials are listed in a light blue box. A yellow box at the bottom left says 'Restore Our Earth'. A date box indicates 'Date- 12 Aug 2021'. A small photo of the speaker is on the right.

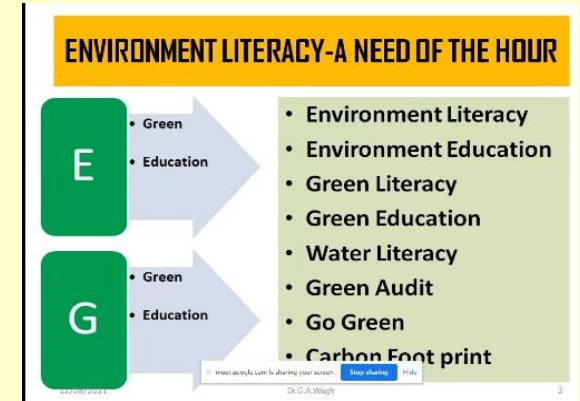


Plenary Speaker

Dr. Gajanan A. Wagh

Professor in Zoology

Shri Shivaji Science College, Amravati



The infographic is titled 'ENVIRONMENT LITERACY-A NEED OF THE HOUR'. It features two main sections: 'E' (Education) and 'G' (Green). Each section has a list of related terms. The 'E' section lists 'Green Education', 'Environment Literacy', 'Environment Education', 'Green Literacy', and 'Green Education'. The 'G' section lists 'Green Education', 'Water Literacy', 'Green Audit', 'Go Green', and 'Carbon Foot print'. The infographic includes a 'Watch' button and a 'Date- 12 Aug 2021' box.

Dr. Wagh explained in details the need of environmental education. To raise awareness regarding environmental issues different days are celebrated e.g. World Environment Day, Earth Day, International Ozone Day, World Elephant Day. He emphasized on different measures for nature protection on individual level. He illustrated environment protection laws. Wildlife Act-1972, Biological Diversity Act, Forest Rights Act-2006 for scheduled tribes and other traditional forest dwellers. FRA -2006 recognizes the rights of forest dwelling tribal communities to forest resources, on which these communities were dependant for a variety of needs, including livelihood, habitation and other socio-cultural needs. He expressed in details Environmental literacy, water literacy, overall green literacy, literacy about natural resources and efforts of Earth restoration for better future of mankind and sustainable development.



Plenary Speaker

Dr. Jayant Wadatkar

Sant Gadge Baba Amravati University, Amravati



Dr. Wadatkar emphasized on why study and conserve owls? Owls are indicators of the state of ecosystem, it is potent cultural symbols of nature. which includes over 200 species of mostly solitary and nocturnal birds of prey, typified by an upright stance, binocular vision, binaural hearing, sharp talons, and feathers adapted for silent flight. Diversity of owls, distribution, habit and habitats and its feeding pattern. They play a very important role in controlling the rodent population. They are phenomenal in pest control and help maintain the food chain. The diversity of beautiful birds was explained with importance of endangered species. Rediscovery of forest owlet after 100 years, which is already declared as extinct. Forest owlet rediscovered in Melghat and now it is studied that forest owlet is happily inhabited in Satpuda ranges. He illustrated Illegal Poaching, Threats, laws, need of its conservation and efforts to raise awareness against superstitions about owls.



Plenary Speaker

Dr. Manjusha Wath

Associate Professor in Botany

GVISH, Amravati



Dr. Wath explained need of celebration of ecofriendly festivals. India is the country of festivals which are nature centric. Conservation of nature is expected while celebrating these festivals. But now a days mode of celebration is changed. We are using thing which damages nature direct or indirectly. We celebrated Diwali with crackers which causes air pollution. Air pollution is an uncontrolled combustion process during which several tones of CO₂, NO_x, CH₄, CO, NH₂,NHMC. Newborn and aged people have a nightmarish experience because of level of sound caused by crackers during Diwali. Holi is celebrated throughout India instead chemicals powder everyone should use colors prepared from plants by traditional methods. We have to take care of environment. Ganesh festival is the major festival of Maharashtra. So everyone should use clay idol instead of plaster of paris idols. She and her teams of WECS Amravati consistently makes tremendous efforts for awareness regarding celebration of ecofriendly festivals.



Plenary Speaker

Dr. Shrikant Warhekar

Deptt. of Environmental Science

Shrimati Narsamma ACS College, Amravati



Dr. Warhekar expressed his views on heavy metal pollution is a major environmental problem in marine, terrestrial, and freshwater areas. The lack of spatial and temporal separation from the sites leads to ecological disturbances. Acid rain, soil degradation, Ozone layer depletion are the issues caused by various pollutions. Continuous breathing of polluted air causes respiratory diseases e.g. bronchitis, emphysema. Both gaseous and particulate air pollutants can have negative effects on the lungs. There are three kinds of health impacts-I) Relatively direct impact II) Consequences of environmental change and ecological disruption III) Consequences that occur when population are demoralised and displaced. He explained health problems are more in polluted cities comparatively less polluted places. in Health impacts of floods-Infectious diseases, Vector borne diseases. Exposure to toxic substances. Everyone should take responsibilities of our waste should make efforts to minimize pollution on individual level.

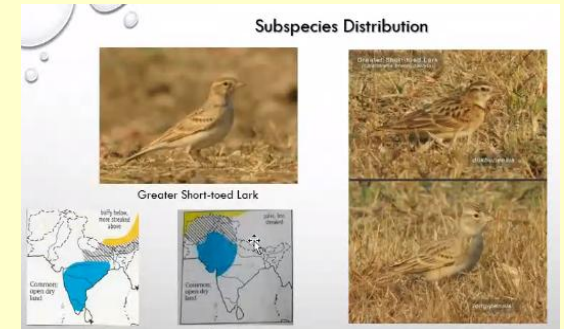


Plenary Speaker

Shri Kiran P. More

Livestock Supervisor

Zilla Parishad, Amravati



Mr. Kiran More explained The lark is a very popular animal, appearing in literature, song, mythology, and even religion. Larks are known for their melodious singing. They also sing while they are flying, unlike most other birds, who only sing when perched. This indicates cheerfulness. Larks are passerine bird of the family Alaudidae. Their dull appearance camouflages them on the ground, especially when on the nest. Grasslands and shrubby borders in open country are great places to start looking for Lark Sparrows. Its diversity, distribution, its identification, migration pattern, its nesting and behavior. They forage on the ground, but when they are disturbed they fly to bushes How to study lark? He illustrated significance of grassland habitat for conservation of many birds and fauna. Major and minor threats to this little bird. Importance of this tiny bird in ecosystem. He shared his views, about his book, 'माळरानावरील चंडोल' and hard efforts for documentary made on all about larks.



Lecture Series in the memory of Late Prof.(Dr.) G N Vankhede Theme: Environment Education



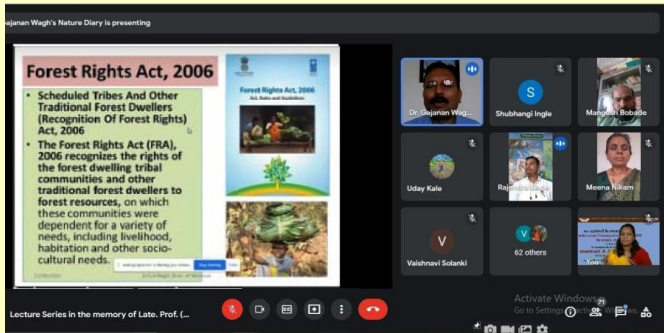
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WhatsApp group link	https://chat.whatsapp.com/CiHsPrCfZx65xBNFbPB1J4

Our Valuable Participants

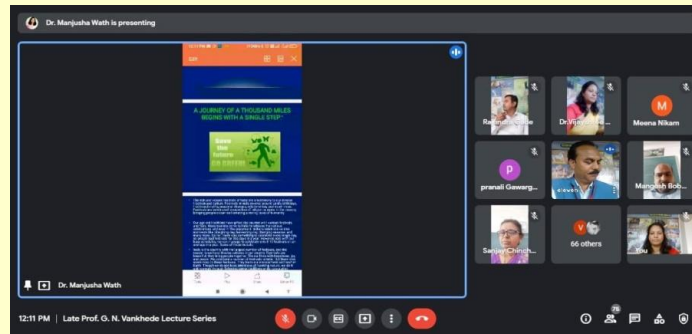
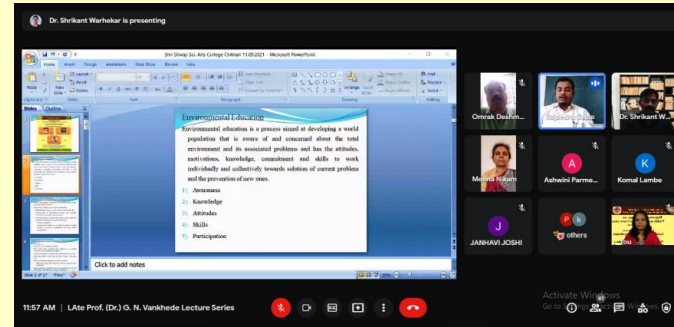
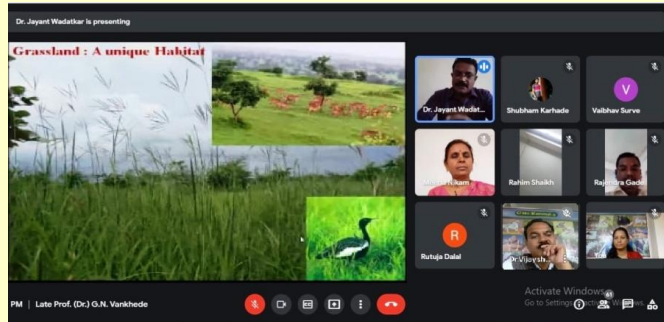
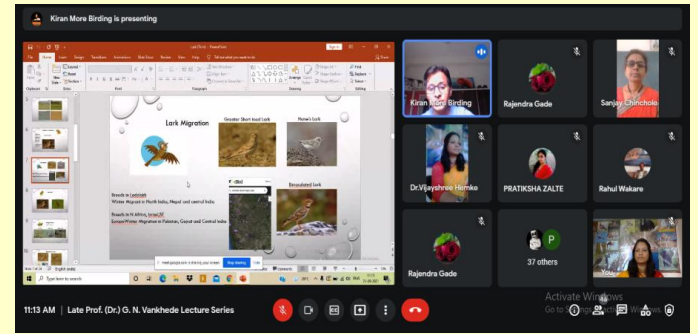
Lecture	Date	Google meet link	participants
I st	12 Aug 2021	https://meet.google.com/hzf-jkna-moy	72
II nd	17 Aug 2021	https://meet.google.com/vmj-pbaa-unb	61
III rd	27 Aug 2021	https://meet.google.com/gzq-jnir-gog	74
IV th	18 Sept 2021	https://meet.google.com/bro-qpti-jix	41
V th	21 Sept 2001	https://meet.google.com/ffb-dbnj-yyc	46

Shri Shivaji Science And Arts College, Chikhli Dist. Buldana





Glimpses Glimpses



Screenshots showing No. of participants

Action Taken Report

Activity: A lecture series in the memory of Late Prof. (Dr.) G. N. Vankhede for UG, PG, Research Students (Faculty of Science, Humanities and Commerce), Naturalist and Faculties

Aim: To aware students Environmental Conservation

Notice Brochure is attached with this action taken report

Dates 12 Aug, 17 Aug, 27 Aug, 18 Sept and 21 Sept 2021

Co-ordinator Dr. Omraj Deshmukh. Principal, Shri Shivaji Science College, Chikhli.

Convenor Dr. Meena Nikam Prof. & Head Deptt. of Zoology

Organizing Secretary Dr. Vijayshree Hemke Assistant Professor-Zoology

Joint Secretary Dr. Rajendra Gade Assistant Professor-Zoology

Number of participants: 294

Action Taken: -Department of Zoology conducted a lecture series on theme, "Environment Education" for UG, PG, Research Students (Faculty of Science, Humanities and Commerce), Naturalist and Faculties. The session of the program starts at 11:45 A.M. and chairperson of the lecture series was Dr. Omraj S. Deshmukh Principal, Shri Shivaji Science College Chikhli. In his presidential speech he paid his homage to Late Dr. Vankhede and hoped cooperation for more student based activities on Nature conservation with WECS, Amravati. He shared his experiences with students and focused on the awareness of environmental conservation. In introductory speech Prof. Dr. M. T. Nikam, Head Zoology Deptt. explained the importance of the awareness program of environmental education. Dr. Vijayshree Hemke was anchored the program. At the end of Dr. Rajendra Gade gives the vote of thanks. Total 294 participants from the various colleges and Universities were participated for this program.

Certificates were provided to all participants



Shri Shivaji Education Society, Amravati's
Shri Shivaji Science And Arts College Chikhli, Dist. Buldana



Department of Zoology

in collaboration with

Wildlife and Environment Conservation Society, Amravati

Certificate

This is to certify that Mr/ Ms./**PURVA VISHVANATH SAWALE** has participated in Lecture Series organized in the memory of Late Prof. G N Vankhede on his birth anniversary by Zoology Department on **12 Aug, 17 Aug, 27 Aug, 18 Sept and 21 Sept 2021** .

Dr. Omraj Deshmukh
Principal

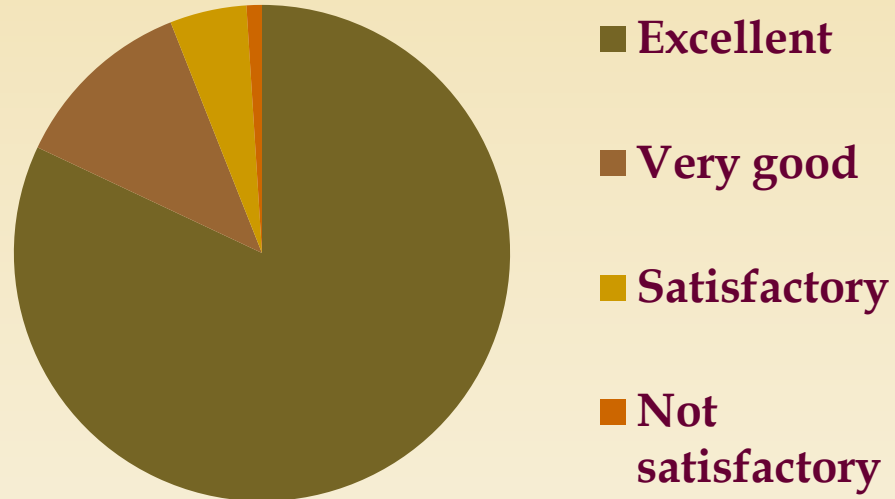
Prof. Meena Nikam
Head & Convenor

Dr. Vijayshree Hemke
Org. Secretary

Dr. Rajendra Gade
Joint Secretary

Dr. Jayant Wadkar
Secretary, WECS, Amt

Overall feedback of participants on Lecture Series as follows





Lecture Series in the memory of
Late Prof.(Dr.) G N Vankhede
Theme: Environment Education



organized by

Department of Zoology



Dr. Meena T. Nikam
Prof. & Head
Department of Zoology
Convener



Dr. Vijayshree M. Hemke
Assistant Professor
Deptt. of Zoology
Organizing Secretary



Dr. Rajendra B. Gade
Assistant Professor
Deptt. of Zoology
Joint Secretary





Memorandum of Understanding



between

Wildlife and Environment Conservation Society(WECS),Amravati

and

Department of Zoology

Shri Shivaji Science And Arts College, Chikhli

Activity undertaken under MoU

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in memory of

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Dr. Omraj Deshmukh
Principal

Omraj Deshmukh
PRINCIPAL

Shri Shivaji Science & Arts
College, Chikhli, Dist. Buldana

Jayant Wadatkars
Dr. Jayant Wadatkars
Secretary, WECS, Amt

Wildlife & Environment
Conservation Society,
Amravati (M.S.)

Dr. Meena Nikam
Head, Deptt. of Zoology,
Shri Shivaji Sci. and Arts College
Chikhli Dist. Buldana

Meena Nikam
HEAD

Department of Zoology

Dr. Gajanan Wagh
Treasurer, WECS, Amt

Wildlife & Environment
Conservation Society,
Amravati (M.S.)





Lecture Series in the memory of
Late Prof.(Dr.) G N Vankhede
Theme: Environment Education



Thank you!



From
The Principal, Staff and Students

Shri Shivaji Science And Arts College,

Chikhli Dist. Buldana

