#### SHRI SHIVAJI EDUCATION SOCIETY, AMRAVATI'S



## SHRI SHIVAJI SCIENCE COLLEGE, AMRAVATI



NAAC Accredited by Grade A with CGPA 3.13 (3rd Cycle)
UGC awarded status of College with Potential for Excellence (2nd Phase)
ISO 9000:2015 Certified College

Idenified by DST, Govt. Of India for FIST & Sant GadgeBaba Amravati University as Lead College



**4**<sup>TH</sup> Cycle

**Assessment & Accreditation by NAAC** 

Criterion-VII
INSTITUTIONAL VALUES AND BEST PRACTICES

QnM - 7.1.6

Quality audits on environment and energy are regularly undertaken by the institution

## Contents

1. Green audit	Υ
2. Energy audit	Υ
3. Environment audit	Υ
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5. Beyond the campus environmental promotional activities	Y

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2	2) Beyond the campus Environment Promotion Activities by Dr. Gajanan Wagh	
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	Plastic beat pollution Program	
	Clay Ganesh Idol Awareness Program	
	Radio talk on environmental issues- Akashwani	
202	20-21 Online Environment Promotion Activities	



Accredited by NAAC with 'A' grade with a CGPA of 3.13 UGC Awarded College with Potential for Excellence ISO 9000:2015 certified College Identified by DST for FIST and SGB Amravati University as Lead College

## Shri Shivaji Science College

Shivaji Nagar, Morshi Road, Amravati - 444 603 M.S.

❖ Founder❖ President∴ Dr. Panjabrao Alias Bhausaheb Deshmukh∴ Hon. Shri Harshwardhan P. Deshmukh

*❖Principal* : Dr. G. V. Korpe

*E-mail*: shivajiscamt.office@gmail.com *Web Site*: www.shivajiscamt.org

(O) 2660855; (Fax) 2665485;(R)2551400

Ref. No.: SSSC/6471/IQAC/2021 Date: Nov. 22<sup>nd</sup>, 2021

#### Declaration

The information, reports, true copies of the supporting documents, numerical data, etc.

furnished in this file is verified by IQAC and found correct.

Hence this certificate.

IQAC Coordinator Shri Shivaji Science College

Amravati

Chairman IQAC and Principal Shri Shivaji Science College,

#### Beyond the campus environmental promotional activities

#### 1. Project Works on Environmental Promotional Activities

#### Beyond the campus environmental promotional activities

#### Dept. of Environmental Science

#### **Project Topics**

Sr. No	Name of Students	Project Topic	Year
1	Dipali H. Budh	Noise level monitoring at educational institute in Amravati city.	2015-2016
2	Ashwini Gopalrao Kohale	Assessment of airborne bacteria & fungi in indoor & outdoor school Env. In some school of Amravati city.	2016-2017
3	Ku. Radhika K. Bonde	Environmental auditing of Dada BhamodakarKrushiVidhyalaya Saur.	2018-2019
4	Miss. Gayatri R. Ugale	"To Study Green Audit Of Shri Shivaji Science College Amravati."	2019-2020
5	Miss. Chakuli R. Bayaskar	"Comparative Study Of Green Audit Of Rural School And Urban Schools In Amaravti District"	2019-2020

## PROJECT REPORT ON

"Noise Level Monitoring At Educational Institute in Amravati City "



#### Submitted to

Sant Gadge Baba Amravati University in Partial fulfillment of requirement for the degree of Master of Science in the Subject of Environmental Science.

> By Miss. Dipali H. Budh M.Sci. - II (Sem - IV)

Guided By Ms. Shilpa Mahajan (Lecturer) Department of Environmental Science

P.G. Department of Environmental Science Shri Shivaji Science College, Shivaji Nagar, Amravati 2015-2016

## CERTIFICATE

This is to certify that I have been supervising the project work entitled "Noise

Level Monitoring at Educational Institute in Amravati City" By Miss, Dipali H. Budh for partial fulfillment of the degree of Master of Science (Environmental Science),

Sant Gadge Baba Amravati University, Amravati.

She has completed her project work satisfactorily and it is ready for evaluation.

freeham.

Coordinator

#### PROJECT REPORT

ON

"Assessment Of Airborne Bacteria And Fungi In Indoor And Outdoor School Environment Of Some Z.P School In Amravati City M.S.".



#### SUBMITTED TO

SantGadge Baba, Amravati University, Amravati in partial fulfillment of the requirement for the Degree of Master of Science in the subject of Environmental Science.

BY

Miss. Ashwini G. Kohale

M.Sc. II (Sem - IV)

Guided by

Mr.V.M. Pundkar

Lecturer

P.G. Department of Environmental Science Shri.Shivaji Science College, Shivaji Nagar, Amravati. 2016-2017

#### CERTIFICATE

This is to certify that I have been supervising the project Work entitled, "Assessment of Airborne Bacteria and Fungi in Indoor And Outdoor School Environment of some Z.P. Schools in Amravati City, M.S. "of Miss Ashwini G. Kohale for partial fulfilment of the degree of Master of Science (Environmental Science), Sant Gadge Baba Amravati University, Amravati.

She has completed her project work satisfactorily and it is ready for evaluation.

1. Guide

Mir. V. M. I unukai

2.Co-Guide
Dr. Mrs. A.U.Kakde

(lecturer)

Head of Department

Dr.Mrs.S.P.Ingole

#### A PROJECT REPORT ON

## STUDY OF GREEN AUDIT OF SHRI SHIVAJI SCIENCE COLLEGE AMRAVTI

#### SUBMITTED TO

Sant Gadge Baba, Amravati University, Amravati in partial fulfillment of the requirement for the Degree of Master of Science in the subject of Environmental Science

By

Miss Gayatri R.Ugale M. Sc. II (Sem – IV) Environmental Science

Guided by Miss. PritiBonde Lecturer

#### P.G. DEPARTMENT OF ENVIRONMENTAL SCIENCE

Shri. Shivaji Science College, Shivaji Nagar, Amravati.

2019 -2020

#### CERTIFICATE

This is to certify that I have been supervising the project work, entitled "TO STUDY GREEN AUDIT OF SHRI SHIVAJI SCIENCE COLLEGE AMRAVATI"

for partial Fulfillment of the degree of Master of Science (environmental Science), Sant Gadge Baba Amravati University, Amravati.

She has completed his project work satisfactorily and it is ready for evaluation.

Supervisor

Head of Dept

Miss. PritiBonde

Dr. S.P. Ingole

Dept of Env. Sci. Lecturer

Dept. of Env.Sci.

Lecturer

Co-ordinator

Professor. Vickrat Bute Lecturer Dept of Env. Sci Shri. Shivaji Sci. College, Amt A

#### **Project Report**

On

# "COMPARATIVE STUDY OF GREEN AUDIT OF RURAL SCHOOL AND URBAN SCHOOLS IN AMARAVTI DISTRICT"



#### Submitted to

Sant Gadge Baba Amravati University In Partial Fulfillment of Requirement For The Degree of Master of Science In The Subject of Environmental Science



Miss. Chakuli R. Bayaskar M.Sc.-II (SEM IV) Environmental Science

Guided By

Miss Priti Bonde

P.G.Department of Environmental Science, Shri Shivaji Science College,Amravati 2019-2020

Dr. S.P. Ingole

Need
Dept. Of Environmental Science
Shri Shivaji Science College,
Amravati.

#### 2) Beyond the campus Environment Promotion Activities by Dr. Gajanan Wagh.

Dr. Gajanan Wagh is the professor in Department of Zoology in Shri Shivaji Science College, Amravati and also a member of Animal Expert Committee on Biodiversity Board- Maharashtra State.

Beyond the campus Environment Promotional Activities are as follows: -

#### **Articles in News Paper**



Article in Newspaper on 'Gastropods-Pelecypods, Birds species in Danger because of over exploitation of water 'by Prof. Dr. G. Wagh, in 'Sakal' Newspaper dated. 28 June 2020



Article in Newspaper on '*Pohra-Malkhed* forest Biodiversity' by Prof. Dr. G. Wagh, in 'Lokmat' Newspaper dated. 22 May 2020



Article in Newspaper on '*Nadi Titav*i-a bird first time noted in the state (Maharashtra)' by Prof. Dr. G. Wagh, in 'Vidardha Vishesh' Newspaper dated. 7 April 2018



Article in Newspaper on 'Birds are regularly getting killed in road accidents: - After 3 years of research bird species-*Bharadwaj*, *Thipkewala-Pingla*, *Raatwa*, *Saatbhai*' are on the verge of extinction by Prof. Dr. G. Wagh, in 'Lokmat' Newspaper dated. 22May 2020



Prof. Dr. G. Wagh, in 'Lokmat' Newspaper dated. 7 August 2020



**The Hitavada** 

Five new species of frogs found in Melghat

Five new species of frogs found

Article in Newspaper on 'Wild Life Awareness through Photo Exhibition' in Shri Shivaji Science College, Amravati; in 'Sakal' Newspaper dated. 7 October 2019

Newspaper dated. 10 December 2018 in



Photographs of 'Marvellous Munia birds'by Prof. Dr. G. Wagh, in 'Hitavada' Newspaper dated. 2 September 2018



Photographs of 'Lark birds'by Prof. Dr. G. Wagh, in 'Hitavada' Newspaper dated. 8July 2018



Photographs of 'Wildlings in the Wilderness'by Prof. Dr. G. Wagh, in 'Hitavada' Newspaper dated. 28 August 2016



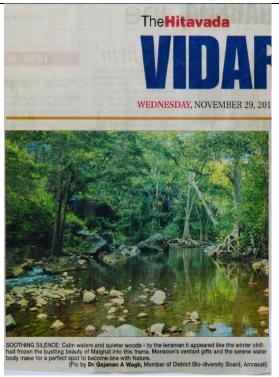
Photographs of 'Raptor birds' by Prof. Dr. G. Wagh, in 'Hitavada' Newspaper dated. 11 March 2018



Photographs of 'Carassing Cascades' by Prof. Dr. G. Wagh, in 'Hitavada' Newspaper dated. 23 July 2017



Photographs of 'Hornbills Birds' by Prof. Dr. G. Wagh, in 'Hitavada' Newspaper dated. 17 November 2017



Photograph of 'Beauty of Melghat' by Prof. Dr. G. Wagh, in 'Hitavada' Newspaper dated. 29 November 2019



Photographof 'Migratory Bird' by Prof. Dr. G. Wagh, in 'Hitavada' Newspaper dated. 21
January 2018



Article by Dr. Wagh in Newspaper on 'Magical Mahua (A Plant)'; in 'Hitavada' Newspaper dated. 29
April 2018



Photograph of 'Birds in Nature' by Prof. Dr. G. Wagh, dated. 29 November 2019 in 'Hitavada' Newspaper



Photographs of 'Wadali Lake Birds in Nature' by Prof. Dr. G. Wagh, in 'Hitavada' Newspaper dated. 21 January 2018



Article in Newspaper on Saving the Twitteratis' by Prof. Dr. G. Wagh, in 'Hitavada' Newspaper dated. 20February 2018



Article in Newspaper on 'Appeal to Lord Ganesha devotees to save Bio-diversity' by Prof. Dr. G. Wagh, in 'Sakal' Newspaper dated, 4 September 2014



Article in Newspaper on Ganeshotsava and increasing pollution' by Prof. Dr. G. Wagh, in 'Sakal' Newspaper dated, 17 September 2013



Photographs of 'Spring Synonyms' by Prof. Dr. G. Wagh, in 'Hitavada' Newspaper dated, 22 November 2017

#### जलाशयातील परिसंस्था, जैवविविधतेचे संरक्षण आवश्यक

की आपल्या चहुबाजूंनी हिरवळ पसरलेली असते. कधी पाऊस कधी ऊन यामुळे आर्द्रता निर्माण होते. वनस्पतींची भरपर होऊन त्यांना सुंदर असा प्रा. गजा फुलोरा येतो. याच महिन्यात अनेक उत्सवांची मांदियाळी सुरू होते.

हरितालिका, गणेशोत्सव, यांसारख्या सणांच्या उत्सवांमध्ये आपण बेल, आंबा, शमी यांसारख्या अनेक वनस्पतींची पाने व फांद्या अक्षरशः ओरबाडून आणतो. किंबहुना अनेक वनस्पतींना पूर्णतः संपवतो. अलीकडे तर याला व्यावसायिक स्वरूप प्राप्त झालेले आहे. प्राणी व प्रजातीना धोका निर्माण झालेला आहे. सोबतच ग्लोबल वॉर्मिंगसारख्या संकटाला आपण आमंत्रण देत आहोत. या सणांदरम्यान मोठ्या प्रमाणात घरगती विधीद्वारा व सार्वजनिक स्तरावर भरपूर प्रमाणात निर्माल्य व इतर पूजासाहित्य जमा होते. हे मर्तीच्या विसर्जनासोबतच निर्माल्य आपण विहिरी, नदीनाले आणि तलावांसारख्या ठिकाणी सोडतो. प्लास्टर ऑफ पॅरिसपासून बनविलेल्या मूर्ती व त्यांच्यातील कृत्रिम रंगांमधून अनेक रासायनिक घटकांचे व विघटन न होणाऱ्या घटकांचे प्रमाण पाण्यात वाढते. त्यामुळे तेथील पाणी विधारी शिंपले, मासे, पक्षी व अनेक सक्ष्म

जीवजंतूंचा शिरकाव होऊन त्याचा घातक परिणाम त्यांच्या जीवनकार्यावर होतो. जलाशयात निर्माल्य जमा तेथे बॅक्टेरियाचे झाल्यामुळे

पाण्यातील ऑक्सिजन कमी होऊन पाण्याला काळसर रंग येतो. पाण्याला विशिष्ट वास यायला लागतो. युट्रॉफिकेशन ही प्रक्रिया सुरू व्हायला लागते. अशा प्रकारामळे आपल्या सभोवताल असलेल्या विविध गोड पाण्यांचे स्रोत मोठ्या प्रमाणात प्रदृषित होऊन पाणी पिण्यायोग्य न राहता धोकादायक बनत चालले आहे. तेथील जलपरिसंस्था व जैवविविधता नष्ट होण्याच्या मार्गावर आहे.

याला पर्याय म्हणून मातीच्या मूर्तीचा आग्रह गणेशमूर्तीचे घरगुती औषधयुक्त झाडांचा, पानाफुलांचा खतनिर्मिती, कृत्रिम रंग वगळून नैसर्गिक रंगांचा थोडक्यात वापर या गोष्टींचा आग्रह आपण करावयास हवा व आपल्या परिसरातील गोड पाण्याच्या स्रोताला प्रदुषित होण्यापासून वाचवायला हवे.

■ प्रा. डॉ. गजानन वाघ कोषाध्यक्ष, वन्यजीव व पर्यावरण संवर्धन संस्था (डब्ल्यईसीएस) सदस्य, अमरावती जिल्हा जैवविविधता संस्था

Article in Newspaper on 'Need of Reservoir biodiversity conservation' by Prof. Dr. G. Wagh, in 'Sakal' Newspaper dated, 4 August 2018



Article in Newspaper on 'Teetar Tales' by Prof. Dr. G. Wagh, in 'Hitavada' Newspaper dated, 5 March 2017



Photographs of 'World of Colourful Flycatchers' by Prof. Dr. G. Wagh, in 'Hitavada' Newspaper dated, 10 March 2014

#### **Plastic beat pollution Program**



Beat Plastic Pollution Programme



Beat Plastic Pollution & Cleanliness





Environment Day Program

#### **Clay Ganesh Idol Awareness Program**



Clay Ganesha Idol Awareness Program



Clay Ganesha Idol Awareness Program



Clay Ganesha Idol Awareness Program



Clay Ganesha Idol Awareness Program

#### Shri Shivaji Science College, Amravati Department of Zoology

#### Clay Ganesh Idol Awareness Program

Every year Clay Ganesh Idol Awareness Program "Matiche Ganapati Basawa Nisargashi Bandhilki Dakhawa" was organized by Wildlife and Environment Conservation Society (WECS), Amravati in Collaboration of Department of Zoology, Shri Shivaji Science College, Amravati. Every year teacher & students from the department were participated in these environment awareness Program.

#### List of students participated in Clay Ganesh Idol Awareness Program in last five years

#### Year:2016

·	
Name of the students	
Ku. Aditi N. Chimote	
Ku. Apeksha B. Bhuyar	
Ku.Ashwini B.Karangale	
Mr.Mayur S. Dhepekar	
Mr.Varnay S.Gaikwad	
Mr.Aswin A. Bawane	
Ku.Mrunali D. Take	
Mr.PrathmeshD.Tiwari	
Mr.Yath P. Puri	
Ku.Pankhlidi V. Bhutada	
Ku.Ankita R. Dhenge	
Mr.Shubham Wagh	
Mr.Shubham Dhole	
Ku.Triveni Dharmasare	
Ku,Shrutika Ubhad	
	Ku. Aditi N. Chimote Ku. Apeksha B. Bhuyar Ku.Ashwini B.Karangale Mr.Mayur S. Dhepekar Mr.Varnay S.Gaikwad Mr.Aswin A. Bawane Ku.Mrunali D. Take Mr.PrathmeshD.Tiwari Mr.Yath P. Puri Ku.Pankhlidi V. Bhutada Ku.Ankita R. Dhenge Mr.Shubham Wagh Mr.Shubham Dhole Ku.Triveni Dharmasare

#### Year:2017

Sr.No. Name of the students  1 Vinay Gaikwad  2 Mayur Dhepekar  3 Ashwini Bawane	
2 Mayur Dhepekar	
3 Ashwini Bawane	
4 Sahil Sarad	
5 Aniket Chimote	
6 Vanshika Sharma	
7 Anjali Sharma	
8 Arpit Swarkar	
9 Sourabh Bijwe	

List of students participating in the program

10	Muskan Thakur	
11	Shatambari Deshpande	
12	Simran Pusatkar	
13	Pankudi Bhutada	
14	Divya Bharti	
15	Vaishnavi Deshmukh	

#### Year:2018

Sr.No.	Name of the students	
1	Jagdeo Iwane	
2	Prathmesh Tiwari	
3	Pankaj Bhilawekar	
4	Sagar Thakare	
5	Arjun Nalage	
6	Ruchi Teware	
7	Aishwarya D.Tayade	
8	Tejaswaini Abruk	
9	Pranali R.Abruk	
10	Rohini Gadekar	

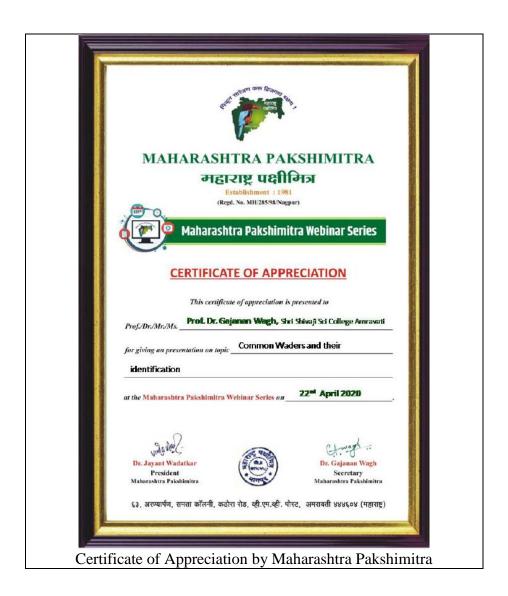
#### Year:2019

Sr.No.	Name of the students	
1	Ruchi Teware	
2	Aishwarya D.Tayade	
3	Tejaswaini Abruk	
4	Pranali R.Abruk	
5	Sagar Thakare	
6	Arjun Nalage	
7	Sumit Ambulkar	
8	Mohit Gawande	
9	Jagdeo Iwane	
10	Rohini Gadekar	

#### Year:2020

Sr.No.	Name of the students	
1	Sagar Thakare	
2	Sumit Ambulkar	
3	Mohit Gawande	
4	Jagdeo Iwane	
5	Shashank Nagrale	

List of students participating in the program





Eco-Club:2019-20 organized by the Dept. of Botany on 10/08/2019



Science Talk on Hornbills of Vidarbha by Dr. Wagh





Guest lectures on Environmental issues



Guest lectures on Environmental issues



Guest lectures on Environmental issues



Guest lectures on Environmental issues



School Students attending a Guest lecture on Environmental issues

#### Radio talk on environmental issues- Akashwani



Interview of Dr.G.A.Wagh on Nagpur Akashwani 27 Jan 2020 (Radio talk on environmental issues –Akashwani Interview)



Nagpur Akashwani officer Shri Jain & our team(Radio Talk on environmental issues –Akashwani Interview)

Dr. H. S. LUNGE IQAC Coordinator Shri Shivaji Science College Amravati.

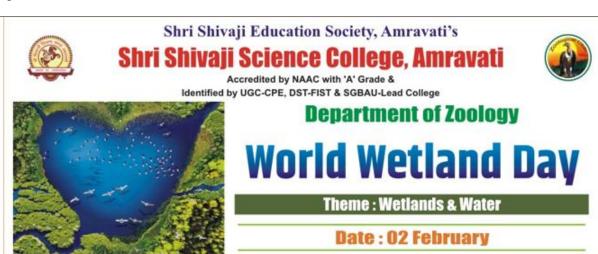




#### 2020-21 Online Environment Promotion Activities

#### 'World Wetland Day- 2021'

On the occasion of 'World Wetland Day- 2021', Bird watching program is organized at Chatri Lake in collaboration with Wildlife & Environment Conservation Society (WECS) on 2 Feb 2021. UG, PG & COP students were participated & observed the Resident birds, Migratory birds & their micro habitats in fresh water wetland. Dr.G.A.Wagh, Dr.J.D.Dhote, Dr.Dilip Hande and Dr.Gayatri Hande were participated as the in charge teachers.











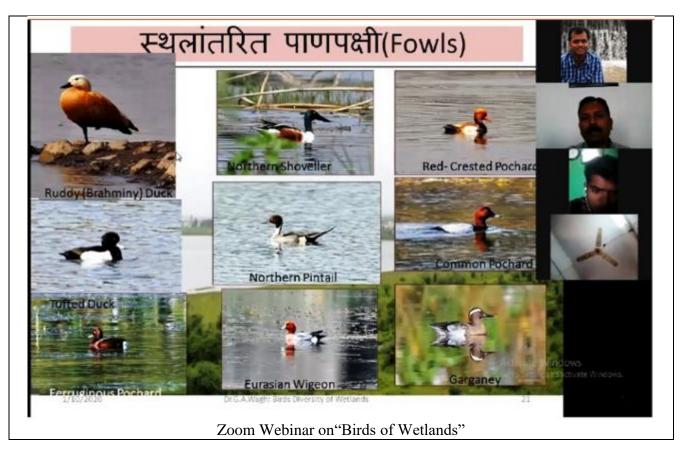
Teaching staff & students observing water birds & their microhabitats at Chatri Lake, Amravati.

#### Guest lecturers Delivered by Dr. Gajanan Wagh on Environmental Issues:

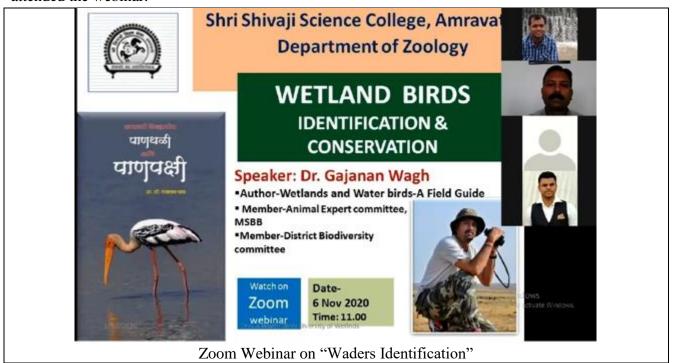
**1.**Dr.G.A. Wagh Delivered the guest lecture (Zoom Webinar) on "Wetlands & Bird Diversity" This webinar was hosted by Department of Zoology, Indaraj Arts, Commerce Science College, Silod Dist. Aurangabad on **19 July 2020**. Total 150students were attended the webinar.



2.On the occasion of wildlife week 2020, Dr.G.A. Wagh delivered the guest lecture (Zoom Webinar) on "Birds of Wetlands" this webinar was hosted by the Department of Zoology, Shivaji College, Akola on 1 Oct 2020. Total 400 students have attended the webinar.



2. On the occasion State Bird Week-2020, Dr.G.A. Wagh delivered the guest lecture (Zoom Webinar) on "Waders Identification" This webinar was hosted by Department of Zoology, Science College, Nagbhid Dist. Chardrapur on 6 November 2020 to mark the Bird Week. Total 200students have attended the webinar.



3. Dr.G.A. Wagh Delivered the guest lecture (Zoom Webinar) on "Bird Diversity of Amravati Region" This webinar was hosted by Department of Zoology, Vidhyabharti Mahavidhyalaya Amravati on 7 November 2020to mark the State Bird Week. Total 140students attended the webinar.

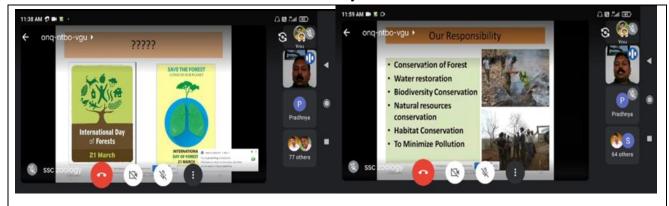


**4.** Dr. G.A. Wagh delivered the guest lecture in Two days workshop on "Threatened Birds of Central India-Malabar Pied Hornbill" This webinar was hosted by Central India Bird Academy (CIBA) Nagpur & Pench Tiger Reserve, Maharashtraon **2 January 2021.** 



Dr.G.A. Wagh delivering the guest lecture in Two days' workshop on "Threatened Birds of Central India-Malabar Pied Hornbill"

5. Dr.G.A. Wagh delivered the guest lecture (Zoom Webinar) on "Conserve Our Biodiversity" This webinar was hosted by Department of Zoology, Jagdamba Mahavidhyalaya, Achalpur Dist. Amravati on 21 March 2021 to mark the Forest Day.



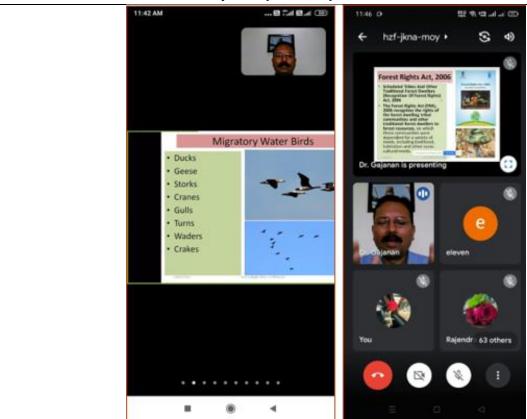
Dr.G.A. Wagh delivering the guest lecture (Zoom Webinar) on "Conserve Our Biodiversity"

6. Dr.G.A. Wagh delivered the guest lecture (Zoom Webinar) on "Environment Education: To Celebrate Eco-friendly Festivals" This webinar was hosted by Orchids International School Amravati on 11 July 2021.



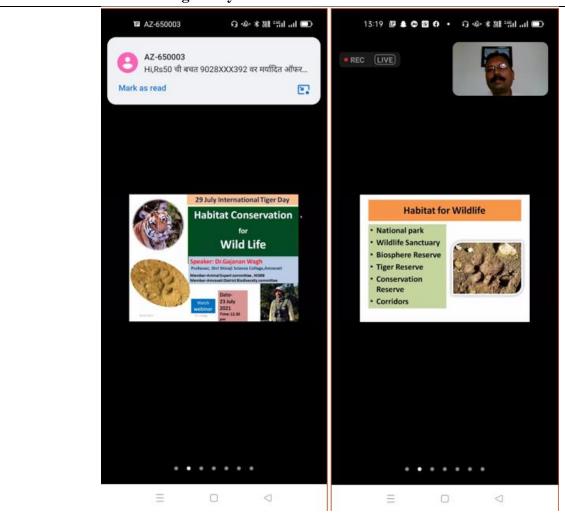
Dr.G.A. Wagh delivered the lecture at Orchids International School Amravati

7. Dr.G.A. Wagh delivered the guest lecture (Zoom Webinar) on "An Introduction to Wetland Birds" This webinar was hosted by Vinayak Vidhya Mandir Amravati on 24 July 2021.



Dr.G.A. Wagh delivering the guest lecture (Zoom Webinar) on "An Introduction to Wetland Birds"

8. Dr.G.A. Wagh delivered the guest lecture (Zoom Webinar) on "Conserve Critical Wildlife Habitats" This webinar was hosted by Department of Zoology, Shivaji College, Akola on 29 July 2021 to mark the World Tiger Day.

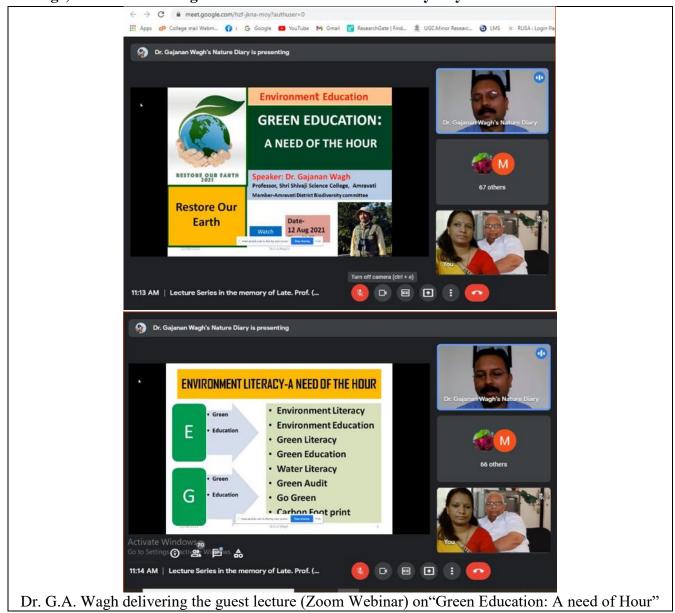


Dr.G.A. Wagh delivering the guest lecture (Zoom Webinar) on "Conserve Critical Wildlife Habitats"



News in 'Divya City' Newspaper about the webinar

9. Dr.G.A. Wagh delivered the guest lecture (Zoom Webinar) on "Green Education: A need of Hour" This webinar was hosted by Department of Zoology, Shivaji Arts, Commerce and Science College, Chikhli on 12 Aug 2021 to mark the National Library Day.



#### Online Slogan Competition on- "Environment Conservation and Health"

To.

The Principal

Shri Shivaji Science College,

Amravati

Subject: Permission regarding the Conduction of Slogan competition.

Respected Sir,

As conservation of resources has a significant role in protecting our Earth. To convey the message about the conservation of nature and to recognize that a healthy environment is a foundation for a stable and productive society. Therefore, it is necessary to come together to protect, conserve, and sustainably manage our resources. So,taking into consideration about the above aspect Department of Botany, Shri Shivaji Science College, Amravati organizes slogan competition on topic "Environment conservation and Health" on 31 August 2021.

Please permit us to conduct this slogan competition and oblige.

Date: 20/08/2021

Prof. B. K. Dorkar

Department of Botany

Shri Shivaji Science College,

Amravati

Letter of Permission for the Program-Online Slogan Competition on- "Environment Conservation and Health"

#### NOTICE

Dear Students,

Its our great pleasure to inform you that Department of Botany, Shri Shivaji Science College, Amravati organize Online Slogan CompetitionOn 31/08/2021

Theme: Environment Conservation and Health

Registration FREE

Last date of submission 28/08/2021

Registration Link
<a href="https://docs.google.com/forms/d/1sG9LzKTyTlu4MdO\_QFS\_E-5T8uO0OfJ7t7k24NL4VE/edit">https://docs.google.com/forms/d/1sG9LzKTyTlu4MdO\_QFS\_E-5T8uO0OfJ7t7k24NL4VE/edit</a>

You will get Telegram link after registration for further updates.

#### Note

- \* Open for all UG/PG students.
- \* Participants can submit slogan in English / Hindi / Marathi language
- \* Top three winners will be declared and the judges decision will be final.
- \* Registration and feedback are mandatory for e- certificate.

#### Contact:

Dr. Swati V. Pundkar (9421792829)
Dr. P.D. Deshmukh (9665305601)
Department of Botany
Shri Shivaji Science College, Amravati

Notice for Program-Online Slogan Competition on- "Environment Conservation and Health"

Shri Shrivii Stoience

#### **Online Slogan Competition on**

#### "Environment Conservation and Health"

#### **Report**

As conservation of resources has a significant role in protecting our Earth. To convey the message about the conservation of nature and to recognize that a healthy environment is a foundation for a stable and productive society. Therefore, it is necessary to come together to protect, conserve, and sustainably manage our resources. So, taking into consideration about the above aspect Department of Botany, Shri Shivaji Science College, Amravati organizes slogan competition on topic "Environment conservation and Health" on 31 August 2021.

We have received huge response. Above 90 students registered from different colleges for this competition. By this it reflects that many students are being aware regarding importance of this topic.

#### **Aims and Objects**

- ➤ The main object of this slogan competition was to involve and motivate students about Environment conservation and to acquire knowledge of pollution and environmental degradation.
- To help social groups and individuals to acquire a set of values for environmental protection.
- ➤ To develop skills required for making discriminations in form, shape, sound, touch, habits and habitats. Further, to develop ability to draw unbiased inferences and conclusions.
- > To provide social groups and individuals with an opportunity to be actively involved at all levels in environmental decision making.

The judge for this Slogan competition was Dr. Vikrant Bute, Department of Environment Science, Shri Shivaji Science College, Amravati.

Registration Link <a href="https://forms.gle/LWPqihmmEUj7yyy98">https://forms.gle/LWPqihmmEUj7yyy98</a>

Telegram Link <a href="https://t.me/joinchat/fVHX\_kgFp4g4MzE9">https://t.me/joinchat/fVHX\_kgFp4g4MzE9</a>

Feedback Link https://forms.gle/JjaDZTzeZzhNcYT57

Online Platform: Zoom, YouTube, College Website - www.shivajiscamt.org

E- Certificates given to participants







Winners of Slogan Competition

#### **Convener Orgnizing Secretary**

Prof. B.K. Dorkar

Dr. S. V. Pundkar &

Dr. P. D. Deshmukh

#### **Organizing Committee Members**

Dr. G. B. Hedawoo

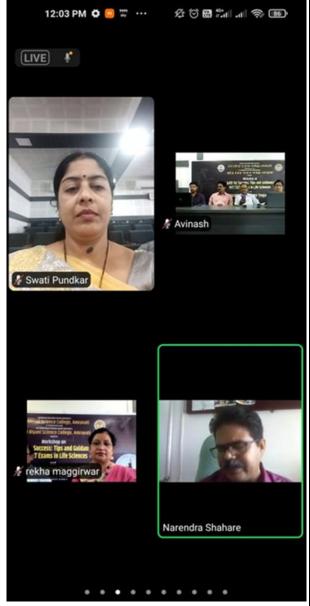
Dr. D. V. Hande

Dr. R. C. Maggirwar

Dr. T. B. Wankhede Dr. D. D. Khedkar Mr. A. N. Darsimbe



Sample Certificate of Participation- Slogan Competition



Screenshot of online Slogan Competition Program

## <u>Title of the activity: Essay/ Article / Blogging Competition on the theme-"Solution to Carbon Emission"</u>

#### **Report:**

**Objective:** The objective of the activity was to celebrate **National Science Day-2021** and aware students about **carbon footprints**which is a measure of the impact your activities have on the amount of carbon dioxide (CO2) produced through the burning of fossil fuels and is expressed as a weight of CO2 emissions produced in tonnes.etc.

Activity conducted: The activity was conducted on the eve of National Science Day -2021which was about to be celebrated in the college on 28th Feb.2021. The NSD committee provided lists of activities among which dept. has to choose one activity, which can be done in online mode. Brochure of the activity was sent on students what's app group and asked to write their views on the theme of the activity i.e. "Solution to Carbon Emission" in the form of Essay/Article or Blog in 200 to 500 words and send it to the e-mail given in the brochure.18 students participated in the activity. Most of the students sent the essay on the theme of the competition. All the write-ups were scrutinized by the experts and 1st, 2nd and 3rd winners were declared. The e-certificates were provided to all the participant students. It was decided by the NSD Committee that winner students will be provided hard copy of the certificatewhen college will reopen after lockdown.

**Outcome:** The activity made students to think on the theme deeply and innovatively so that they could put forth solutions of the problem. The activity made the students to read on the topic, thus improved their knowledge and also helped to aware them about the burning topic of carbon emission.



Brochure of the activity- Essay/ Article / Blogging Competition on the Theme- "Solution to Carbon Emission"



Winners of the activity- Essay/ Article / Blogging Competition on the theme "Solution to Carbon Emission"

#### Title of the activity: "Photo/ Selfie with Plant"

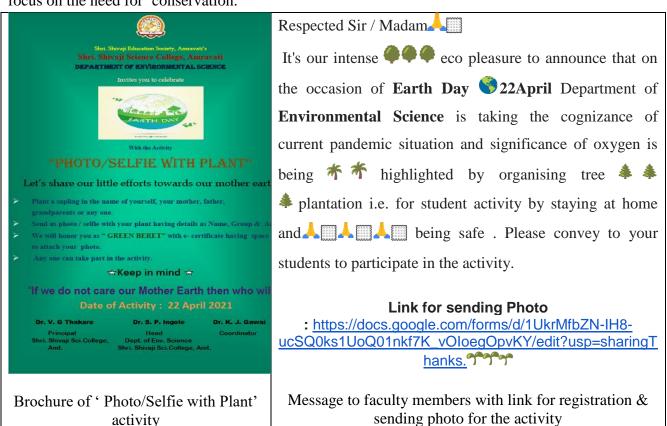
**Objective:** Celebration of **Earth Day-2021** by encouraging students for plantation at home or in their vicinity to get thebenefits and services from plants such as increase of oxygen level in the atmosphere in Covid pandemic period etc.

Activity conducted: The activity was conducted on 22<sup>nd</sup> April 2021on the eve of

**Earth Day-2021.** Earth Day is symbolic of all that we are aiming to do to make this world a better place for future generations. Brochure with instructions of the activity was sent to students &faculty staff. They are instructed to plant a sapling or plant a tree with their own name or in the name their loved ones and asked them to send a selfie or photowith planted sapling or plant through provided registration link. Each participant was honored with

'Green Beret' and awarded with e-certificate having a space for his / her selfie/photograph. Near about 50 students participated in the activity.

**Outcome:** Students actively participated in the activity and planted about 50 plants in the yards & in the vicinity of their house and sent selfie with plant. The activity will surely inculcate among students the habit of planting and taking care of plants. Thus it will surely help to sprout affection towards our mother earth& inspires to act towards the protection of the environment and focus on the need for conservation.





Shri Shivaji Science College, Amravati/SSR/

#### <u>Title of the activity: Webinar on - Environmental Research and Urban Mobility in</u> Amravati.

#### **Report:**

**Objective:** To inform & motivate students & the society about the need to increase the number of buses in the city to reduce air pollution and problems related to it.

Activity conducted: Parisar society of Pune in collaboration with Department of Environmental Science, Shri. Shivaji Science College organized webinar on dated 19th May2021 on the topic-

"Environmental Research and Urban Mobility in Amravati" to reach the voice of urge to encourage students, society and Govt. authorities improve the public transport system by increasing the number of busesas per standard ratio. For this panel discussion was organized in Dr. Sangita Ingole, Head, Dept. of Environmental Science was participated as a panelist along with Dr. Nishikant Kale, Prof. Ram Meghe College of Engineering and management, Badnera; Yadav Tarter Patil, Writer Environmentalist; Praful Sawarkar, Environmentalist and Yashraj Ingole, Research Scholar, Prof. Ram Meghe College of Engineering and management, Badnera.

Panelists expressed their views. Dr. S.P. Ingole focused on the pollution caused due to automobiles. Dr. Nishikant Kale Informed about the carbon footprints in detail. Yadav Tarte patil expressed the need to save biodiversity from air pollution and Praful Sawarkar guided about the various diseases. *Parisar* officials informed that there is need of 50 buses per one lakh population.

**Outcome:** The webinar arouses awareness in the students and the society that there is need of 50 buses per one lakh population as per standards and every has to raise a voice for it to safeguard the air & health of people from pollution by rising number of personal vehicles.

Parisar and ShriShivaji Science College, Amravati presents

Engage for Environment Webinar Series

\* 1- Environmental Research and Urban Mobility in Amravati\*

Date - 19-5-21, 4 PM

Respected Panelist of this Webinar

#### Dr. S. P. Ingole

HoD, Environmental Science Department, Shri Shivaji Science College of Amravati

#### Dr. Nishikant Kale

Prof Ram Meghe College of Engineering and Management, Badnera– Amravati

#### Yadav Tarte Patil

Writer, Environmentalist

#### Yashraj Ingole

Research Scholar, Department of Civil Engineering, Prof Ram Meghe College of Engineering and Management, Badnera- Amravati.

#### Prafull Savarakar

Environmentalist

#### To Join our webinar-

Click on this link to join us tomorrow - <a href="https://t.co/RoxG1DpWBP">https://t.co/RoxG1DpWBP</a>

For more info Prashant - 8208382708

Joining Link and webinar Information provided to students



### <u>Title of the activity: Online Webinar for UG, PG & Research students on 5<sup>th</sup>June2021</u> on the eve of "World Environment Day - 2021"

**Objective:** "To arouse awareness in the society through students to conserve & protect our Environment.

Activity conducted:On the Eve of "World Environment Day 2021" Dept. of Environmental Science, Shri. Shivaji Science College, Amravati in collaboration with Dept. of Geography, ShriShivaji Arts & Commerce College Amravati, organized Online Webinar for UG, PG & Research students on 5th June 2021 " Students were informed & brochure of the programme was sent on what's app groups. Zoom links for registration, for joining the webinar and YouTube live link were also shared with students. Prof. Pravin Khandve, Head, Dept. of Civil Engineering, Prof. Ram Meghe College of Engineering. and management, Badnera and Mr. Adwait Keole, Environmentalist & Alumni of our Department were present as speakers of the webinar. Dr. Vandana Deshmukh, Head, Dept. of Geography, gave the introductory speech of the programme. Dr. Sangita Ingole, Head, Dept. of Environmental Science introduced the guest. Prof. Khandve guided students on the topic "Green Building: A new concept" He told that by using the windows, ventilation, rainwater harvesting, reuse of water, use of solar powered equipment, conversion of household waste into bio compost, we can convert our home into a sustainable green building. He also urged the audience to use manufactured sand instead of natural sand while constructing house.

Mr. Adwait Keoles poke on the topic "Hidden world of Caves". He said that there is need of research in the field of caves. He explained the topic in detail and throws a light on the new concepts like cavers, stalactite, and stalagmite in a simple language. He shared some thrilling photographs related to caves with students. Near about 150 students attended the webinar. Programme anchoring and vote of thanks was given by Dr. Kirtidhvaj Gawai. Prof. Khandve managed the work of admin for the programme. Faculty member Mr. Vikrant Bute work hard for the successful conduction of the programme.

**Outcome:** Students learnt about the concept of green buildings, how to make our home into a green building, about manufactured sand. Students also learnt about caves such as time period it required, how they form, new concepts related to caves etc.



Screen shot of webinar online platform showing the speakers and faculty members of both departments Celebrating World Environment Day 2020-21



#### Link for Joining the Webinar:

https://us02web.zoom.us/j/82739719593?pwd=SzNNMzlJM VhGV21TVWpmbitLSysyZz09

Brochure of the Webinar for the celebration of World Environment Day 2021with active zoom link for registration and YouTube live link

# 'जागतिक पर्यावरण' दिनानिमित्य वेबिनारचे आयोजन



अमरावती (प्रतिनिधी) जागतिक पर्यावरण दिन -२०२१ चे औचित्य साधन पर्यावरणशास्त्र विभाग, श्री शिवाजी विज्ञान महाविद्यालय व भूगोल विभाग श्री शिवाजी कला व वाणिज्य महाविद्यालय अमरावती यांच्या संयुक्त विद्यमाने वेबिनारचे आयोजन करून जागतिक पर्यावरण दिवस साजरा करण्यात आला. वेबिनारचे प्रास्ताविक भूगोल विभागप्रमुख डॉ . वंदना देशम्ख यांनी केले. वक्त्यांचा परिचय पर्यावरणशास्त्र विभाग प्रमुख डॉ . संगीता पी इंगोले यांनी करून दिला. वेबिनारसाठी प्रो. राम मेघे इंजि. व मॅनेजमेन्ट कॉलेज, बडनेरा येथील सिव्हिल इंजि. विभाग प्रमुख प्रा. प्रवीण खांडवे व पर्यावरण तज्ञ श्री . अद्वैत केवले हे वक्ते म्हणून उपस्थित होते.

प्रा. प्रवीण खांडवे यांनी 'ग्रीन

बिल्डिंग अ न्यू कन्सेप्ट' विषयावर मार्गदर्शन केले. व्याख्यानामध्ये त्यांनी खिडक्या. व्हेंटिलेशिन, रेनवॉटर हार्वेस्टिंग , पाण्याचा पुनर्वापर, सोलर पाँवर इक्रिपमेन्ट , घरच्या कचऱ्याचे बायोकम्पोस्ट मध्ये रूपांतर इत्यादींचा वापर करून पर्यावरणपुरक अश्या सस्टेनेबल ग्रीन बिल्डिंग मध्ये कसे रूपांतर करता येईल याबाबत तपशीलवार माहिती विशद केली. घर बांधकाम करतेवेळी नद्यांमधील रेती न वापरता मॅन्य फॅक्चरड रेतीचा वापर करावा असे सांगितले . वेबिनारचे दूसरे वक्ते पर्यावरणशास्त्र विभागाचे माजी विद्यार्थी श्री. अद्वैत केवले यांनी 'हिडन वर्ल्ड ऑफ केव्हज्' या विषयावर व्याख्यान दिले. यामध्ये तपशीलवार व रोमांचकारी अशी माहिती विद्यार्थ्यांसमोर विशद केली. गृहांवर भारतामध्ये संशोधन

होण्याची गरज आहे असे मत व्यक्त केले. नैसर्गिक गृहांच्या निर्मितीसाठी हजारो वर्षाचा कालावधी, केवर , स्टॉलाक्टाईट . स्टॉलाग्माईट अश्या नवीनतम संकल्पना तपशीलवार सादर केल्या . कार्यक्रमाच्या यशस्वितेकरीता श्री शिवाजी विज्ञान महाविद्यालयाचे प्राचार्य डॉ. वि. गो. ठाकरे व श्री शिवाजी कला व वाणिज्य महाविद्यालयाच्या प्राचार्या डॉ. स्मिता देशमुख यांचे मोलाचे मार्गदर्शन लाभले.वेबिनारमध्ये जवळपास १५० विद्यार्थी ऑनलाइन पद्धतीने उपस्थित होते. कार्यक्रमाचे संचालन व आभार प्रदर्शन डॉ. कीर्तीध्वज गवई यांनी केले. कार्यक्रमाचे ऍडमिन म्हणून प्रा. प्रवीण खांडवे यांनी मोलाची भूमिका बजावली, कार्यक्रमाच्या यशस्वितेकरीता प्रा. श्री विक्रांत ब्टे यांचे सहकार्य लाभले.

News of the Webinar Published in "Dainik Hindusthan" on 15/06/2021

# <u>Video Elocution Competition got registered in the prestigious U.N. Environment Programme-2020-21.</u>

On the 6<sup>th</sup> of August, 2020, the department of Chemistry organized a Motivational Lecture for the participants of National Level Video Elocution Competition organized by the college. It's a thing of great pride for the college that this Video Elocution Competition got registered in the prestigious **U.N.Environment Programme-**2020-21.

Mr. Francis Patel, a well-versed teacher and motivational trainer provided his expert guidance to the participants of this competition. He inspired the participants by telling some very inspiring stories in a playful way. He also guided the participants for their effective communication and presentation skills. This event helped inculcate reading, listening and speaking skills amongst the students. In all, 95 students and 20 teachers attended this programme. The students were highly benefitted by this event and could perform far more effectively in the competition.

Prof. Dr. Anjali Bodade worked as an In-Charge Professor for the event.



Motivational Lecture by Francis Patel for the participants of National Level Video Elocution Competition on 6<sup>th</sup> August 2020

PARTICIPANT NAME	SCHOOL	CITY
1. Vaidehi Mohod	Prabodhan Vidhyala	Daryapur
2. Tanvi Parvatkar	Kasturba Kanya Shala	Amravati
3. Krishna Thakare	Titians' Public School	Amravati
4. Shahu Dharpal	Tomoae School	Amravati
5. Ansh Vaidya	Titans' Public School	Badnera
6. Amit Kalaskar	Shri Shivaji Vidyalaya	Yavatmal
7. Rakhi Adwani	Titans' Public School	Amravati
8. Ruchika Hagwane	School of Scholars	Akola
9. Falguni Joshi	Titans' Public School	Amravati
10. Shreshtha Muttalwad	Maharashtra Public school	Aurangabad
11.Shreya Gokulkar	School Of Scholars	Amravati
12. Anshul Laddha	Vijaya School for Excellence	Amravati
13. Madhavi Banginwar	Mohanabai Girls School	Digras
14. Anushka Chaware	Vidya Mandir High School	Koradi, Nagpur
15.Yuga Jamodkar	Tomoae School	Amravati
16. Yash Chopde	Jawahar Navodaya Vidyalaya	Amravati
17.Dnyaneshwari Ambadkar	Vasantrao Naik High School	Jarud
18.Soham. Mohod	Tomoae School	Amravati
19. Shreya Athawale.	Ratnabai Rathi High School	Daryapur
20.Shravani Dhawane	Podar International School	Amravati

List of Participants-(2019-20 Video Elocution Competition)