



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

Identified by DST, Govt. Of India for FIST & Sant Gadge Baba Amravati University as Lead College



4<sup>TH</sup> Cycle

Assessment & Accreditation by NAAC

Criterion-III

**RESEARCH, INNOVATIONS AND EXTENSION**

**Metric No: 3.5.2**

**Number of functional MoUs**

**Activities under the Functional MoUs**

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## Shri Shivaji Science College

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

❖ **Founder** : Dr. Panjabrao Alias Bhausahb Deshmukh  
❖ **President** : Hon. Shri Harshwardhan P. Deshmukh  
❖ **Principal** : Dr. G. V. Korpe

E-mail : [shivajiscamt.office@gmail.com](mailto:shivajiscamt.office@gmail.com)  
Web Site : [www.shivajiscamt.org](http://www.shivajiscamt.org)  
(O) 2660855; (Fax) 2665485; (R) 2551400

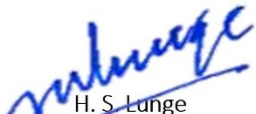
Ref. No.: SSSC/6471/IQAC/2021

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.

  
H. S. Lunge  
IQAC Coordinator  
Shri Shivaji Science College  
Amravati



  
G. V. Korpe  
Chairman IQAC and Principal  
Shri Shivaji Science College,  
Amravati

# Activities Under MoUs in year 2016 - 2017

District Sports Office, Amravati

## SCHOOL TOURNAMENT OF VARIOUS GAM UNDER 14, 17, 19 Age Group Students

**No. of Participants:** 287

In the session 2019, the District Sports Office, Amravati and the Department of Physical Education and Sports, Shri Shivaji Vigyan Mahavidyalaya, Amravati jointly organized the rainy school sports competitions in the college. The college stadium is provided by the college for the sports competitions organized by the Sports Office and for the best performance of the players of all ages. The competition consists of students of 14 years, 17 years of age and 19 years of age. The main objective of all these competitions was to help the students to get medals in this sport not only in Amravati district but for the whole of Maharashtra and India by producing the best level players.

### Basket ball



### Hand ball



### Hand ball



### Volley ball



### Foot ball

### Kho kho





### Kho -kho



### LIST OF PARTICIPITATED STUDENTS

All 412 Studendts Participated Under 14, 17, 19 , Years Who Participitated In The Dso Tournament Hand Ball Basket Ball, Khokho, Volley Ball

## Four Day's Hands-on Workshop on Genome and Plasmid Isolation, PCR, RFLP AND PRIMER DESIGNING

17th February to 20th February, 2018



### Organized by

#### Shri Shivaji Science College

Shivaji Nagar, Amravati - 444603, MS, India  
Department of Botany  
Department of Environmental Science and  
Central Instrumentation Cell

### Technical Expertise by

#### Cerebro Scientific

Sector-10, Kharghar,  
Navi Mumbai- 410210



Dear Students,

Department of Botany, Environmental Science and Central Instrumentation Cell, Shri Shivaji Science College, Amravati, in association with Cerebro Scientific, Navi Mumbai is organizing 'Four Day's Hands-on Workshop on Genome and Plasmid Isolation, PCR, RFLP AND PRIMER DESIGNING' to train upcoming Post Graduate Students and researchers in Modern Tools of Molecular Biology, Biotechnology and Bioinformatics. The workshop will involve hands on training on Genome and Plasmid Isolation, PCR, RFLP and Primer Designing.

**Eligibility:** B. Sc. Final Year Students and Post Graduate students of any Department

**Seats:** 50 Seats (To conduct hands on Training no. of seats are limited, Spot registration will not be entertained in any case).

**Date:** 17th – 20th February, 2018 at 10.00 AM – 6.00 PM

**Registration Fees:** Rs. 1500/- (DD in favour of Principal, Shri Shivaji Science College, Amravati payable at Amravati) or Cash deposit by any mode to the account in the Name of **Principal, Shri Shivaji Science College, Amravati; Account Number:** 1828206379, Bank: Central Bank of India, APMC Branch, Amravati, **IFSC Code:** CBIN0283248. **Registration Fee includes Study material, Working lunch and Tea.**

**Venue:** Central Instrumentation Cell, Shri Shivaji Science College, Amravati

Participants are advised to come prepared with basics of PCR and difficulties you might have faced.

### WORKSHOP SCHEDULE

#### Day 1:

L: Introduction to DNA Isolation  
P: DNA Isolation  
L: Introduction to PCR  
P: DNA Isolation Continuation

#### Day 2:

L: Plasmid Isolation  
P: Agarose Gel Loading  
P: Continuation of Plasmid Isolation

#### Day 3:

P: Agarose Gel Loading  
P: PCR: Introduction to RFLP  
P: Performing RFLP

#### Day 4:

P: Agarose Gel Loading  
L: Results Observation & Discussion  
P: Primer Designing

### :: Organizing Committee ::

**Convener** : Dr. Vijay G. Thakare  
**Co-convener** : Prof. Bhupendra K. Dorkar, HoD, Botany  
**Co-convener** : Dr. Sangita Ingole, HoD, Env. Sci.  
**Organizing Secretary:** Dr. Dinesh D. Khedkar, Member, CIC  
**Joint Secretary** : Dr. Gajanan A. Wagh, Member, CIC

**Treasurer** : Dr. Ganesh B. Hedawoo  
**Steering Committee:** Dr. Tushar B. Wankhede  
Dr. Dilip V. Hande  
Dr. Rekha C. Maggirwar  
Prof. Kirtidwaj Gavai

**Note :** To participate in workshop students are advised to log on to [www.shivajiscamt.org](http://www.shivajiscamt.org) to get link for registration form and detailed information about Workshop. **Before depositing registration fees please confirm the availability of the seats on the college Website or Contact Person.**

Submit registration form by clicking on the link <https://goo.gl/forms/cyqcQLZRaXBvI82>

**For Details Contact:** Dr. Dinesh Khedkar (+91 9423622287) and Dr. Sangita Ingole (+91 7875805464)



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## Shri Shivaji Science College

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**Web Site** : [www.shivajiscamt.org](http://www.shivajiscamt.org)  
**(O)** 2660855; **(Fax)** 2665485; **(R)** 2551400

To,

Date: 15<sup>th</sup> January, 2018

The Principal  
Shri Shivaji Science College, Amravati

**Kind Attention:** The Head, Dept. of Botany,  
The Head, Dept. of Zoology,  
The Head, Dept. of \_\_\_\_\_

**Subject: Four Day's Hands-on Workshop on Genome and Plasmid Isolation, PCR, RFLP and Primer Designing**

Respected Sir,

Department of Botany, Environmental Science and Central Instrumentation Cell, Shri Shivaji Science College, Amravati, in association with Cerebro Scientific, Navi Mumbai is organizing 'Four Day's Hands-on Workshop on Genome and Plasmid Isolation, PCR, RFLP AND PRIMER DESIGNING' during **17<sup>th</sup> to 20<sup>th</sup> January, 2018**. (Specially scheduled including two holidays to avoid academic loss of the students)

This workshop has a target group of **B. Sc. III and Post Graduate Students** of Life Sciences with basic objective to train them in use and applications Modern Tools of Molecular Biology, Biotechnology and Bioinformatics. The course content of this workshop requires modern expensive instrumentation and consumables and generally our students may not obtain opportunity to personally work and learn these advance techniques. We are offering this indispensable experience to the students of our region through this Hand-on workshop.

Following are the Hands-on Experiments to be conducted:

1. Genome Isolation
2. Plasmid Isolation,
3. PCR,
4. RFLP
5. Primer Designing

The information brochure is attached for your kind perusal and circulation among the students. You are requested to advocate the said workshop to the students of your institution.

We hope to have the kind cooperation to make this workshop fruitful for our students.

Thanking you in anticipation

We remain,

Yours faithfully,

**Dr. D. D. Khedkar**  
Organizing Secretary  
Four Day's Workshop



**Dr. V. G. Thakare**  
Principal  
Shri Shivaji Science College, Amravati





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To

The Principal  
Shri Shivaji Science College  
Amravati

### Subject: Request to sanction an amount payable for Workshop

Respected Sir,

As per your kind consent, Department of Botany, Environmental Science and Central Instrumentation Cell, Shri Shivaji Science College, Amravati, in association with Cerebro Scientific, Navi Mumbai is organizing 'Four Day's Hands-on Workshop on Genome and Plasmid Isolation, PCR, RFLP AND PRIMER DESIGNING' during 17<sup>th</sup> to 20<sup>th</sup> January, 2018.

As per the agreement with the Cerebro Scientific, Navi Mumbai following terms were accepted –

1. The mutually decided fees per participant was Rs. 1500/-.
2. Total maximum no. of participants allowed were 50.
3. Total received amount will be shared with the ratio of 70:30 between Cerebro and College (excluding the amount paid for food arrangements).
4. All the other expenses will be deducted from the share of Cerebro.

As per the above terms, I am submitting detailed Receipt and Expenditure statement as follows –

1. Total amount received from 50 participants	-	Rs. 75000
2. Expenditure on Food Arrangements	-	Rs. 21000
3. Amount for 70:30 distribution	-	Rs. 54000
4. 30% Share of college	-	Rs. 16200
5. 70% Share of Cerebro	-	Rs. 37800
6. Amount spent on other requirements	-	Rs. 8375
7. <b>Amount Payable to Cerebro</b>	-	<b>Rs. 29425</b>

Therefore, you may be humbly requested to kindly peruse the above statement and sanction the payable amount of **Rs. 29425/-** in favour of Cerebro Scientific. On sanction, please issue the cheque in favour of **Mr. Mandar Karkhanis**.

Thanking you in anticipation.

**Place:** Amravati  
**Date:** 16.02.2018

Yours sincerely

(D. D. Khedkar)

Organizing Secretary



**FOUR DAYS HANDS - ON WORKSHOP**

**ON**

**GENOME & PLASMID ISOLATION, PCR, RFLP &**

**PRIMER DESIGNING**

---

**FROM 17<sup>TH</sup> TO 20<sup>TH</sup> FEBRUARY, 2018**

---

**JOINTLY ORGANISED BY**

**DEPARTMENT OF BOTANY, ENVIRONMENTAL SCIENCE AND CENTRAL INSTRUMENTATION CELL**

**SHRI SHIVAJI SCIENCE COLLEGE**

**SHIVAJI NAGAR, AMRAVATI – 444603 (M.S.), INDIA**

NAAC ACCREDITED WITH GRADE 'A' WITH 3.13 CGPA AND UGC AWARDED COLLEGE WITH POTENTIAL FOR EXCELLENCE  
IDENTIFIED BY DST FOR GRANTS UNDER FIST AND SANT GADGE BABA AMRAVATI UNIVERSITY AS 'LEAD COLLEGE'

**&**

**CEREBRO SCIENTIFIC**

**NAVI MUMBAI – 410210 (M.S.), INDIA**

**HANDS-ON WORKSHOP IN MOLECULAR TECHNIQUES & BIOINFORMATICS : 17-20 FEB, 2018**

## WORKSHOP SCHEDULE

### FOUR DAYS (17<sup>TH</sup> TO 20<sup>TH</sup> FEBRUARY 2018)

DAY	TIME	AGENDA	BATCH 1		BATCH 2
17 <sup>th</sup> Feb  Session 1	9:30 am – 10:00 am	Registration & Kit Distribution			
	10:00am -10:30 am	Inauguration			
	10:30 am – 11:30 am	Mouthwash Processing & Cell Lysis	Roshan (Expert)	Mandar (Expert)	Vrushali (Expert)
	11:45 am – 13:00 pm	DNA Isolation (Lecture)	Mandar K (Expert)		
	13:15 pm – 14:00 pm	Lunch Break			
17 <sup>th</sup> Feb  Session 2	14:05 pm – 17:00 pm	DNA Isolation (Hands-On)	Roshan S (Expert)		
			Mandar (Instructor)	Vrushali (Instructor)	
18 <sup>th</sup> Feb  Session 1	9:30 am – 10:30 am	PCR (Hands-On)	Roshan S (Expert)		
			Vrushali K (Instructor)	Mandar K (Instructor)	
	10:45 am – 11:30 am	PCR (Lecture)	Mandar K (Expert)		
	11:35 am – 13:20 pm	Plasmid Isolation (Lecture)	Roshan S (Expert)		
	13:30 pm – 14:00 pm	Lunch Break			
18 <sup>th</sup> Feb  Session 2	14:05 pm – 15:00 pm	Gradient PCR (Demo)	Roshan S (Expert)		
	15:10 pm – 17:00 pm	Plasmid Isolation (Hands-On)	Roshan S (Expert)		
			Vrushali K (Instructor)	Mandar K (Instructor)	



**HANDS-ON WORKSHOP IN MOLECULAR TECHNIQUES & BIOINFORMATICS : 17-20 FEB, 2018**

DAY	TIME	AGENDA	BATCH 1	BATCH 2	
19 <sup>th</sup> Feb Session 1	9:30 am – 13:00 pm	Primer Designing (Bioinformatics)	Roshan S & Mandar K (Expert)		
	13:10 pm – 13:45 pm	Lunch Break			
19 <sup>th</sup> Feb Session 2	14:00 pm – 15:00 pm	RFLP (Hands-On)	Roshan S (Expert)		
			Mandar K (Instructor)	Vrushali K (Instructor)	
	15:10 pm – 15: 45 pm	RFLP (Lecture)	Roshan S (Expert)		
	16:00 pm -17:30 pm	Electrophoresis (Genomic DNA)	Roshan (Expert)	Mandar (Expert)	Vrushali (Expert)
20 <sup>th</sup> Feb Session 1	9:30 am – 12:00 pm	Electrophoresis (Plasmid, PCR & RFLP Products)	Roshan (Expert)	Mandar (Expert)	Vrushali (Expert)
	12:00 pm – 13:30 pm	Results & Discussion	Roshan S & Mandar K (Expert)		
	13:30 pm – 14:00 pm	Lunch Break			
	14:10 pm – 16:00 pm	Results & Discussion	Roshan S & Mandar K (Expert)		
	16:15 pm Onwards	Valedictory Ceremony & Discussion			

### FOUR DAY'S HANDS ON WORKSHOP ON GENOME AND PLASMID ISOLATION, PCR, RFLP AND PRIMER DESIGNING

17TH TO 20TH FEBRUARY, 2018

Department of Botany, Environmental Science and Central Instrumentation Cell, Shri Shivaji Science College, Amravati, in association with Cerebro Scientific, Navi Mumbai has organized 'Four Day's Hands on Workshop on Genome and Plasmid Isolation, PCR, RFLP AND PRIMER DESIGNING'. The prime objective behind organizing this workshop was to train upcoming Post Graduate Students and researchers in Modern Tools of Molecular Biology, Biotechnology and Bioinformatics. The workshop involved hands on training on Genome and Plasmid Isolation, PCR, RFLP and Primer Designing.

This workshop had a target group of B. Sc. III and Post Graduate Students of Life Sciences. The course content of this workshop was delivered with hands on opportunity to every participant. Personal working with the modern expensive instrumentation was great learning experience for all the students.

The workshop was inaugurated under the chairmanship of Hon'ble Dr. V. G. Thakare, Principal, Shri Shivaji Science College, Amravati at the hands of Hon'ble Dr. N. J. Chikhale, Principal, Shri Shivaji Agriculture College, Amravati. Workshop Co-conveners Dr. S. P. Ingole, HoD Environmental Science and Prof. B. K. Dorkar, HoD Botany with Dr. D. D. Khedkar, Workshop Organizing Secretary and Dr. Mandar Karkhanis, Director, Cerebro Scientific, Navi Mumbai were present on the dias.

Overall 50 students participated from Rashtra Sant Tukadoji Maharaj Nagpur University, Gondwana University and Sant Gadge Baba Amravati University. Participants from 15 college attended the workshop.

Hands on sessions along with the theoretical information sessions were conducted for all the four days with rigorous schedule from morning 9.00 am to 6.00 pm. Participants isolated DNA from their very own biological material i.e. buccal cavity mouthwash and plasmid from E.coli bacteria. Isolated DNA was amplified by PCR and analysed further for RFLP. Primer designing session was also conducted at facility available at computer department. Participation certificates were issued to all the participants after successful completion of the workshop.



**Inaugural Session of the Workshop**



**Participants on Working Platform**





**Group Photo after Valedictory Function**

**Amravati Garden Club, Amravati**

The memoranda of Understanding between Amravati Garden Club and the Shri Shivaji Science College was signed in the year of 2014. Variety of the activities are regularly conducted under this association. Mainly student-oriented activities in collaboration with the various other institutes were planned and executed successfully. Following are the activities conducted -

1. Chrysanthemum Cultivation Workshop 2017
2. तोच चंद्रमा नभात - Cultural Eve on 7<sup>th</sup> Oct. 2017
3. Vrukshotsav: Ek Bhavotkat Abhiyan 2019
4. Shevanti Cultivation Workshop 2019
5. Three Day Online Workshop on Basic Gardening Techniques in Gardening – 29 – 31 May, 2020
6. Chrysanthemum Cultivation Workshop 2020
7. Two Month Certificate Course On Garden Revitalizing Ideal Necessities – 2021
8. हे सुरांनो चंद्र व्हा – Cultural Eve on 22 Oct. 2021

## 1. Chrysanthemum Cultivation Workshop 2017

**CHRYSANTHEMUM CULTIVATION AND CONSERVATION WORKSHOP**

Organized by  
AMRAVATI GARDEN CLUB IN COLABORATION  
WITH  
SHRI SHIVAJI SCIENCE COLLEGE, AMRAVATI

Date:- 29th July 2017

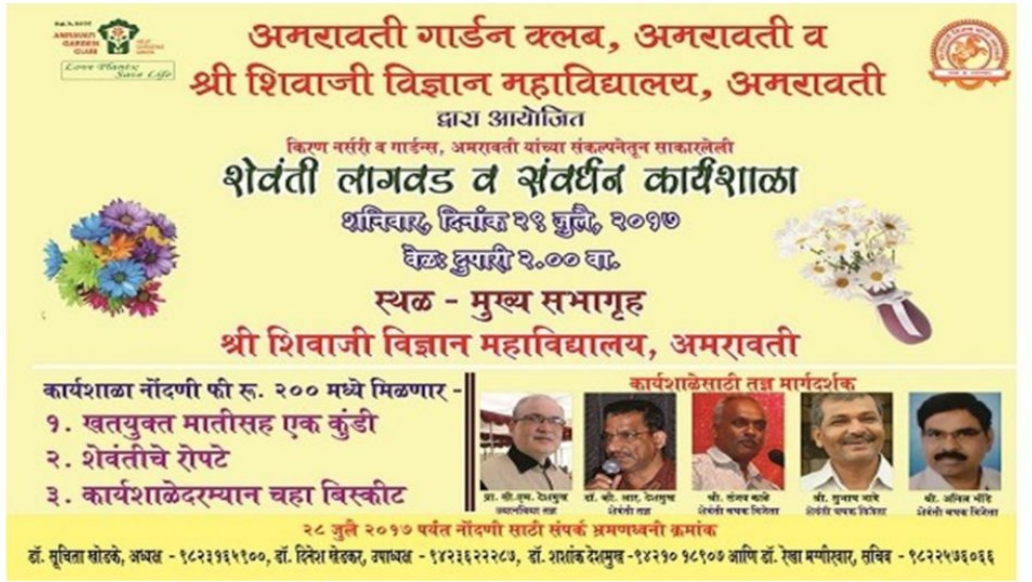
**1. Announcement**


**श्री शिवाजी विज्ञान महाविद्यालय, अमरावती**

ईकोफ्रेण्ड्स  
वनस्पतीशास्त्र विभागाचा विस्तार उपक्रम  
पदग्रहण सोहळा - २०१७  
शनिवार, दिनांक २९ जुलै, २०१७  
वेळ: सुवाती ११.३० वा.

अमरावती गार्डन क्लब, अमरावती आयोजित  
किरण नर्सरी व गार्डन्स, अमरावती यांच्या संकल्पनेतून साकारलेली  
**शेवंती लागवड व संवर्धन कार्यशाळा**  
शनिवार, दिनांक २९ जुलै, २०१७  
वेळ: दुपारी २.०० वा.

स्थळ - मुख्य सभागृह  
श्री शिवाजी विज्ञान महाविद्यालय, अमरावती






**Flyer**


**अमरावती गार्डन क्लब, अमरावती व  
श्री शिवाजी विज्ञान महाविद्यालय, अमरावती**  
द्वारा आयोजित  
किरण नर्सरी व गार्डन्स, अमरावती यांच्या संकल्पनेतून साकारलेली  
**शेवंती लागवड व संवर्धन कार्यशाळा**  
शनिवार, दिनांक २९ जुलै, २०१७  
वेळ: दुपारी २.०० वा.

स्थळ - मुख्य सभागृह  
श्री शिवाजी विज्ञान महाविद्यालय, अमरावती

**कार्यशाळा नोंदणी फी रु. २०० मध्ये मिळणार -**  
१. खतयुक्त मातीसह एक कुंडी  
२. शेवंतीचे रोपटे  
३. कार्यशाळेदरम्यान चहा विस्कीट

**कार्यशाळेसाठी तज्ञ मार्गदर्शक**

 डॉ. की.एम. देशमुख अध्यक्षिका तज्ञ	 मं. को. मात. देशमुख अध्यक्ष तज्ञ	 श्री. कोंकर काळे अध्यक्षीय सदस्य	 श्री. सुभाष माते अध्यक्षीय सदस्य	 श्री. अनिल मोदी अध्यक्षीय सदस्य
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२८ जुलै २०१७ पर्यंत नोंदणीसाठी संपर्क भ्रमणध्वनी क्रमांक  
डॉ. मृचिता सोडके, अध्यक्ष - ९८२३१६५१००, डॉ. दिनेश वेडकर, उपाध्यक्ष - ९४२३६२२८७, डॉ. शशीकंद देशमुख - ९४२१० ९८९०७ आणि डॉ. रेखा मणोरसर, सचिव - ९८२२५७०६६

## 2. REPORT

At the beginning of the rainy season, the garden gets revitalized and regular gardeners rush to change manure, soil, pots to bring in new seedlings etc. now a days so many women also are aware about gardening and how to decorate your backyard is a competition- because of its beauty, color scheme and variety. "Shevanti" is one of the leading flower garlands in the world. It has a unique technology of when to cultivate and how to cultivate it.

In the city of Amravati every year only for Shewanti late M. M. The Shah Memorial Shevanti Flower Exhibition and Competition is organized by the Garden Club and is visited by a large number of citizens. The red, yellow, purple and white shewanti trays on display captivate everyone and many people ask what to do to make the shewanti bloom in their home gardens. Seeing the love and curiosity of the citizens about Shewanti, the executive of Amravati Garden Club organized a demonstration on "Shewanti Cultivation and Conservation" from the concept of Shri Shivaji Science College, Amravati and Kiran Nursery and Gardens. The workshop was held on Saturday, 29th July 2017 at 2 pm in the main hall of Shri Shivaji Science College.

In the first session of this workshop, Prof. Chandrasekhar Deshmukh, Horticulture Expert gave detailed information through Power Point Presentation and in the second session Prof. Dr. Vilasrao Deshmukh, Head of Department, Department of Botany, Vidyabharati College, Amravati, Mr. Anil Bhode, Shevanti Trophy winners and Mr. Subhash Bhave himself, Director, Kiran Nursery guided with demonstration and also gave important information on various types of Shewanti and how to cultivate it properly. This was the first such workshop in the city. The women's response to the workshop was overwhelming. Not only in Amravati but also from Akola, Daryapur, Chandur Bazar, Dhamangaon, the faculty of Botany took advantage of this workshop. On this occasion, all the expert groups also addressed the concerns of the people present about the cultivation of Shewanti. Hundreds of people took advantage of the workshop.

The Vice President of the Garden Club, Dr. Dinesh Khedkar, Secretary Dr. Rekha Maggirwar, Treasurer Dr. Shashank Deshmukh, Joint Secretary Dr. Ganesh Hedau and other office bearers and members of the executive as well as the students of the college worked tirelessly for the successful organization of this workshop





### Scientific talk by Prof.C.M.Deshmukh



### Hands- on session

## 3. Attendance

Sr.No.	Name	Contact Number
1.	Harshali Shiralkar	7057612926
2.	Dr.Prakash Sable	9403063177
3.	Sourabh Dhok	9756448590
4.	Shireen Bano	8888913661
5.	Dr.Swati Pundkar	9421792829
6.	Dr.Madhuri Fule	9422871472
7.	Dr.Gopal Belokar	9422155251
8.	Shradha Wankhade	9595364400
9.	Damodar Sabane	9823841055
10.	Prakash Pawde	9404689574
11.	Shweta Pawde	9404689574

12.	Hemlata Sontakke	8007147747
13.	Seema Mhala	9075369233
14.	Deepak Ulemale	9552475843
15.	Rupali Jog	9130006206
16.	Amita Mahajan	9130015456
17.	Santosh Paithankar	9420833695
18.	Dilip Lad	9422159918
19.	Seema Rahate	9422542199
20.	Avinash Bhojapure	9423431211
21.	Neelima Wikhe	9764453745
22.	Shekhar Mukhale	9552472843
23.	Virendra Dere	9503564164
24.	Pramod Deshmukh	9823029964
25.	Shubhda Wankhade	9527493595
26.	Shrikant Patil	9011123037
27.	Sandeep Pendam	9763665671
28.	Diksha Dahake	7522900837
29.	Shruti Mehram	9011294706
30.	Diksha Babhule	8390060826
31.	Akhilesh Joshi	9527231205
32.	Dhaneshwar Shelke	9527231205
33.	Shabnum Fayyazuddin	7774843542
34.	Akshay Shelke	8793820332
35.	Poonum Jawarkar	7030051274
36.	Vaishali Ingle	7038544985
37.	Chaitali Rathod	8551843600
38.	Sham Rothe	9657351078
39.	Kawita Watane	9764262415
40.	Vinita Kamble	7517352989
41.	Dr. Sanjay Ishwarkar	9420077377
42.	Vaishali Badgujar	9421462971
43.	Dr.Sandhya Kadu	9422155608
44.	Dr.Yugandhara Rajgure	9730015111
45.	Dr.Deepa Kulkarni	9545217817
46.	Shradha Shirsat	8806372201
47.	Bharati Chaudhari	9158643334
48.	Shweta Kalbande	9960401863
49.	R.J.Gajbe	9423649592
50.	Monali Ghurde	9423621670
51.	Sachin Katwale	9923450160
52.	Manjushree Ambadekar	9405322869
53.	Nandkishor Gopkar	9404860209
54.	Vibha Aawate	9421821334
55.	Yogini Bhatarkar	9921374669
56.	Ujwala Rupnarun	9823198582
57.	Deepak Nichale	9764250169
58.	Sarika Deshmukh	9765748613
59.	P.G.Tidke	9420187231
60.	Dr.Rachna Mahalle	9823847110
61.	Dr.V.R.Wankhade	8983068028

## 4. Certificate



## 5. News

### Workshop on chrysanthemum held

■ Amravati Bureau  
AMRAVATI, Aug 6

WORKSHOP on the topic 'chrysanthemum cultivation and its conservation' was jointly organised by Amravati Garden Club, Shivaji Science College, Amravati and Kiran Nursery here at the main auditorium of Shivaji Science College recently.

Prof Chandrashekhar Deshmukh, Horticulturist, provided detail information through power point presentation in the first session of the workshop.

Dr Vilas Deshmukh, Head of Botany Department, Vidyabharti Mahavidyalaya, Amravati, Anil Bhone and Subhash Bhawe, Director of Kiran Nursery, gave demonstration during the second session of the workshop. They provided guidance about various types of Chrysanthemum and how to conserve it on the occasion.

The organisers have received overwhelming response to the workshop as nature lovers and also lecturers in Botany subject from Karanja Ghadage, Daryapur, Wani, Chandur Bazar and Dhamangaon Railway participated in large numbers at the workshop.

The organisers have presented three tree pots filled with clay and planted saplings on the occasion.

The expert guides provided minute guidance about



Guests providing guidance of Chrysanthemum cultivation and its conservation to the participants

chrysanthemum cultivation and also solve their queries on the occasion.

Urmi Shah, former Principal from Shivaji Science College, Amravati, Dr Vasant Jamode, Former Pro-Vice-Chancellor from Sant Gadge Baba Amravati University and also the Director of Higher Education Department of Shivaji Education Society, Amravati, Dr Kishor Bobade, former President of Amravati Garden Club, Dr Prakash Devtare, former Head of Botany Department and Bhupendra Dorkar, Head of

Botany Department, Shivaji Science College, Amravati, were prominently present for the workshop.

Dr Suchita Khodke, President of Amravati Garden Club, Dr Dinesh Khedkar, Vice-President, Dr Rekha Maggirwar, Secretary, Dr Shank Deshmukh, Treasurer, Dr Ganesh Hedao, Joint Secretary, Dr Gajendra Pachlore, Dr Umesh Kanekar, Executive Committee members and other members of the club and students from the college took pains for the successful organisation of the workshop.



## 2. तोच चंद्रमा नभात -Cultural Eve on 7th Oct. 2017








**3. Vrukshotsav: Ek Bhavotkat Abhiyan 2019**

AMRAVATI GARDEN CLUB



**AMRAVATI  
GARDEN  
CLUB** Help  
Gardens  
Grow

*Love Plants; Save Life*

**“Vrukshotsav: Ek Bhavotkat Abhiyan”**  
21-28 July 2019

Co-organizer

**Amravati Municipal Corporation, Social Forestry Department, Mandal-Matrubhumi  
Family, Shri Shivaji Science College, Amravati and Kiran Nursery**

**No. of Participants: 350**

## Announcement

**वृक्षोत्सव**  
**एक भावोत्सव अभियान**  
दि. २९ जुलै ते २८ जुलै, २०१९

वृक्षोत्सवाचे  
संयोजक

निरास वेदनांच्या संवेदना समजून राखवेलेल्या भावनेतून  
पर्यावरण संवर्धन अभियानात सहभागी होऊन.

**अमरावती गार्डन क्लब आणि मंडळ-वाढूथुनी परिवाराचे जाहीर आवाहन**

'हम टो - हमारे दो' वा घरावर 'घर एक - वृक्ष दोन' वा भावनेतून किमान दोन वृक्षांची  
हमबंद करून त्यांच्या संवर्धनाची जबाबदारी घेवून हारमना प्रेरित करणे.

**- कार्यपद्धती -**

- संपूर्ण परिवाराची एकत्रित चर्चा.
- कुठल्याही दोन स्थानिक वृक्षांची निवड.
- संगोपनाच्या दृष्टीने सुयोग्य मोकळ्या जागेची निश्चिती.
- वृक्षारोपणासाठी ३X३X३ फुटाचा खण्ड करणे.
- माती व शेणखत ५०:५० समप्रमाणात मिसळणे.
- परिवारातील ज्येष्ठ सदस्यांचे हस्ते सहपरिवार वृक्षारोपण करावे.
- वृक्ष संरक्षणाची व संगोपनाची शाश्वत व्यवस्था करावी.
- वृक्ष लावलेल्या ठिकाणाची स्थळदर्शक अक्षांश रेखांशाची नोंद घ्यावी.
- संपूर्ण परिवाराचा वृक्षासह फोटो घ्यावा.

**- आयोजक -**

अमरावती गार्डन क्लब  
अमरावती

**- संपर्क -**

डॉ. विनय चोरकर मो. 9423622287  
डॉ. देवदास मल्लिकार्जुन मो. 9822576066  
डॉ. सुभाष मोरे मो. 9423426424  
डॉ. अशोक देवगुण मो. 9890928410  
डॉ. मनीष देशमुख मो. 9503050441

## Report

### "House One: Two Trees": Amravati Garden Club's Campaign "Tree Festival"

Amravati Garden Club, Amravati is a forty years old social organization working with an idea of infusing love and interest in plants, educate and train the interested people, create an atmosphere for gardening to keep it greener and healthier. The club has been taking efforts for popularizing various social activities related to the plantation which facilitate pollution free environment. Many socially concerned people are contributing to achieve a goal of Green Surrounding since its inception.

Temperatures have risen due to the growing cement forest around us today and the rapid damage to nature. Industrialization has spread a network of roads and deforestation of trees along the roads. In many areas, road widening, large projects, construction of dams, construction, and deforestation during construction are rampant. There is no doubt that deforestation will continue under the cute name of development. However, the environment as well as wildlife has to bear the brunt of this. Considering the continuous rise in global temperature, concrete steps need to be taken from now on.



If the cycle of nature is to continue properly with the conservation of the environment, it is necessary to plant trees and keep them alive. Many organizations undertook the project of planting saplings for tree cultivation. The tree planting done by some was also successful. However, have these trees really grown? But who will take care of it? Such questions are raised hence; it's the time to take this question seriously.

The organization has started its journey with the slogan "Love plants save life". Now is the time to turn from the backyard to the environment: from decoration to conservation, taking into account climate change from our priority of conserving the environment. "Vrikshotsav: Ek Bhavotkat Abhiyan" was implemented from 21st to 28th July in collaboration with Amravati Municipal Corporation, Social Forestry Department and Mandal Mathrubhumi Parivar, Shri Shivaji Vigyan Mahavidyalaya and Kiran Nursery with a view to make our earth green and make our life comfortable. All the people of Amravati, including all the esteemed members of the Amravati Garden Club, were urged to participate wholeheartedly in this campaign and to inspire others as well. Tree saplings were provided to other persons coming through the members on the guarantee of care and protection. In addition, specially formulated fertilizers were provided for better health of these plants.

Under this campaign, a total of four places were set up in Amravati city. Two tree saplings were provided free of cost to the members from 10 am to 3 pm on July 21 from the distribution centers. From the classical point of view, Wad, Pimpal, Chinch, Shiras, Kadu Badam, Jambul, Behda, Shivan, Papada / Karanj trees have been selected to complement the local environment. This campaign was successful with the strength of Amravati's cooperation. In all 350 participants have taken the plants and shared Geo tagged photos after planting the trees at various locations.

The campaign was inaugurated at 10 am at the main distribution center, Shri Shivaji Science College. The inaugural speaker was Hon. Mr. Narendra Wankhade, Deputy Commissioner, Municipal Corporation, Amravati and other dignitaries Mr. DP Nikam, Forest Conservator, Social Forestry, Dr. Kishor Rithe, Founder, Nature Conservation Society and Satpuda Foundation and Hon. Mr. Madhubhau Gharad, Founder President, Vanrai were present. The inaugural function was attended by the distinguished guest Dr. V. G. Thakre, Principal, Shri Shivaji Science College, Amravati, Mr. Yevtikar, Garden Superintendent of the Corporation and all the esteemed members of the Amravati Garden Club.





**Inauguration at four different stalls by dignitaries**



**Tree plantation by participants**

## 4. Shevanti Cultivation Workshop 2019



Amravati Garden Club  
Love Plants, Save Life

**अमरावती गार्डन क्लब, अमरावती आणि  
श्री शिवाजी विज्ञान महाविद्यालय, अमरावती**  
द्वारा आयोजित

किरण नर्सरी व गार्डन्स, अमरावती यांच्या संकल्पनेतून साकारलेली

**शेवंती लागवड व संवर्धन कार्यशाळा**  
शनिवार, दिनांक १० ऑगस्ट, २०१९  
वेळ: दुपारी २.३० वा.  
स्थळ - मुख्य सभागृह  
श्री शिवाजी विज्ञान महाविद्यालय, अमरावती



**कार्यशाळा नोंदणी फी रु. २०० मध्ये मिळणार -**

१. खतयुक्त मातीसह एक कुंडी
२. शेवंतीचे रोपटे
३. कार्यशाळेदरम्यान चहा बिस्कीट

**कार्यशाळेसाठी तज्ञ मार्गदर्शक**

  
 डॉ. सुचिता खोडके  
शेवंती तज्ञ

  
 डॉ. रेखा मंगीरवार  
शेवंती तज्ञ

  
 श्री. संजय काळे  
शेवंती चषक विजेता

  
 श्री. सुभाष भावे  
शेवंती चषक विजेता

  
 श्री. अनिल भोंडे  
शेवंती चषक विजेता

नोंदणीसाठी शेवटची दिनांक : ८ ऑगस्ट, २०१९

संपर्क करण्याकरिता भ्रमणध्वनी क्रमांक खालीलप्रमाणे

डॉ. दिनेश खेडकर, ९४२३६२२२८७; श्री सुभाष भावे, उपाध्यक्ष, ९४२३४२६४२४; डॉ. शशांक देशमुख, कोषाध्यक्ष, ९४२१०९८९०७; डॉ. रेखा मंगीरवार, सचिव, ९८२२७७६०६६



अमरावती गार्डन क्लब, अमरावती आणि  
श्री शिवाजी विज्ञान महाविद्यालय, अमरावती  
द्वारा आयोजित

किरण नर्सरी व गार्डन्स आणि वनस्पतीशास्त्र विभाग यांच्या संकल्पनेतून साकारलेली

शेवंती लागवड व संवर्धन कार्यशाळा

शनिवार, दिनांक १० ऑगस्ट, २०१९

वेळ: दुपारी २.३० वा.

स्थळ - मुख्य सभागृह

श्री शिवाजी विज्ञान महाविद्यालय, अमरावती



## निमंत्रण

मा. महोदय,

अमरावती शहर आणि परिसरात शेवंती पुष्पांचे सौंदर्य मुक्तहस्ते उधळण्यासाठी प्रत्येक घरी शेवंतीचे ताटवे फुलविण्याच्या उद्देशाने आयोजित या कार्यशाळेसाठी आपण सादर निमंत्रित आहात.

### कार्यशाळा कार्यक्रम पत्रिका

उद्घाटन समारंभ

दु. २.३०

कार्यक्रमाध्यक्ष:

डॉ. विजय ठाकरे, प्राचार्य

श्री शिवाजी विज्ञान महाविद्यालय, अमरावती

उद्घाटक:

प्रा. चंद्रशेखर देशमुख, माजी अध्यक्ष

अमरावती गार्डन क्लब, अमरावती

प्रमुख उपस्थिती:

प्रा. भूपेंद्र दोरकर, वनस्पतीशास्त्र विभागप्रमुख

श्री शिवाजी विज्ञान महाविद्यालय, अमरावती

डॉ. दिनेश खेडकर, अध्यक्ष

अमरावती गार्डन क्लब, अमरावती

प्रथम सत्र:

दु. ३.००

शेवंती पुष्प प्रकार आणि लागवड

डॉ. रेखा मन्गीरवार, सचिव

अमरावती गार्डन क्लब, अमरावती

द्वितीय सत्र:

दु. ४.००

शेवंती लागवड : प्रत्यक्ष कृती

श्री. संजय काळे, शेवंती चषक विजेता व व्यावसायिक

श्री अनिल भोंडे, शेवंती चषक विजेता व बँक अधिकारी

श्री सुभाष भावे, संचालक, किरण नर्सरी व गार्डन्स

### निमंत्रक

अमरावती गार्डन क्लब  
अमरावती

वनस्पतीशास्त्र विभाग  
श्री शिवाजी विज्ञान महाविद्यालय, अमरावती

## **REPORT**

### **No. of Participants: 53**

Amravati Garden Club, Amravati is one of the renowned clubs working for plant lovers since last 40 years in Amravati. The club is always involved in organization of national as well as district level flower shows, rose convention, seminars, and workshops to spread awareness regarding cultivation of plants in the garden amongst the plant lovers. The club has an expertize team to guide in this regard, mainly focusing on scientific and innovative methods. Every year after a long waiting period in Vidarbha, the rains come to give a boost to the world and our garden gets an opportunity of rejuvenation. Gardeners rush for fertilizer, soils, changing pots, bringing in new seedlings and so on. Today, many women have become aware of gardening and there is a competition on how to decorate their backyard.

To enrich the gardens of the people in Amravati by growing Chrysanthemum and also due to the love and curiosity of the people about Shewanti, the workshop on “Chrysanthimum Cultivation and Conservation” was organized by the executive committee. It was organized in collaboration with Shri Shivaji Science College, Amravati and special efforts by Kiran Nursery and Garden on Saturday 10<sup>th</sup> August at 2:30 pm at main Auditorium, Shri Shivaji Science College, Amravati. In which the expertise personnel of the institute has given detail information about Chrysanthemum along with technique of Chrysanthemum cultivation with hands-on session. Many participants registered for the workshop with Registration Fees: 200/- which included A pot, Special Pot mixture, Chrysanthemum sapling, Write-up, Tea and Biscuits. The workshops organized in a very disciplined and careful manner has become the identity of the club. The people of Amravati and other cities took advantage of the opportunity through this workshop as it has created a constructive environment for the participants to acquire technology based on action and conscious planning for personal participation.

In the first session of this workshop Dr. Rekha Maggirwar has given a detailed technical presentation through a power point presentation and in the second session, Shri. Anil Bhode and Shri. Sanjay Kale as well as Kiran Nursery Director Mr. Subhash Bhave guided with the demonstration. All the participants who had registered for the workshop went through the process of preparing the soil mixture, selecting the seedlings, filling the pots and finally disinfecting the actual seedlings. At the end of the day, they were asked to take care of the self-made pot at their home. This kind of workshop is a special occasion for Shewanti lovers in the city. The Garden Club also provides timely planning for all the participants to decorate their own garden Shewanti on Dussehra and Diwali.



## विद्यालय गुहादिनी

दंडी के माध्यम से  
आओ का संदेश  
स्थानीय कला,  
साहित्यिक व  
स्वयंसेवक व  
छात्रों के निष्ठा,  
पौधों का विवरण  
संजय पाचखेडे,  
आट ने पालकी का  
रुआत की, इस  
डिक्टर, प्रा. डॉ.  
वे.

ना

न पाठकों को  
है कि वे इस  
त होने वाले  
में उत्साहित  
पता जो-  
बाद ही उसे  
मंत्र में निर्णय  
र करें, अपने  
के स्तर में  
वे पैर करते  
: उसकी कोई  
प्या नोट कर  
ई में किए गए  
विज्ञानयता  
संबंधित नहीं  
रिणामों के  
बार के मुद्रक,  
5 व मासिक  
व्यवस्थापक

# अमरावतीवासियों के घर आंगन में खिलेंगे शेवंती के पुष्प

स्व. एम.एम.शाह स्मृति शेवंती पुष्प प्रदर्शनी, गार्डन क्लब का आयोजन

प्रतिनिधि, 11 अगस्त  
अमरावती - शहरवासियों ने  
अपने घरों के आंगन में शेवंती के  
पुष्प लगाने का संकल्प लिया है।  
अपना सौंदर्य, रंग संगति व  
विविधताओं को वजह से पूरी दुनिया  
में पुष्पमाला में गुलाब के बाद  
अग्रस्थान पर रहने वाला पुष्प शेवंती  
है। जापान का यह राष्ट्रीय पुष्प है,  
हमारे भारत में भी बड़े प्रमाण पर  
इसके पौधे लगाए जाते हैं। खास तौर  
पर दशहरा व दिवाली में शेवंती के  
पुष्प की गार्डन में बहुत भारी मांग  
रहती है। ऐसा यह मन लुभावन, सुंदर  
आकर्षक शेवंती का पुष्प है।  
अमरावती शहर में हर वर्ष सिर्फ  
शेवंती के लिए स्व. एम.एम.शाह  
मेमोरियल शेवंती पुष्प प्रदर्शनी व  
स्पर्धा का आयोजन गार्डन क्लब  
व्यापक किया जाता है। इस प्रदर्शनी में  
नागरिक बड़ी संख्या में पहुंचते हैं।  
प्रदर्शनी में लाल, पिले, जामुनी,  
सफेद शेवंती के पुष्पों को देखते ही  
वे सभी का मन मोह लेते हैं। कई लोग  
ऐसे शेवंती के पुष्प अपने घरों में भी  
होने चाहिए इसलिए क्या करें, ऐसा  
प्रदर्शनी में पूछते हैं।

शेवंती की बुआई कब करें,



उसका रखरखाव कैसे करें इसका  
विशेष ऐसा तकनीकी ज्ञान है।  
नागरिकों के मन में शेवंती के बारे में  
उत्सुकता प्रेम व लगाव देखकर  
अमरावती गार्डन क्लब को  
कार्यकारिणी ने इस वर्ष शेवंती प्रेमी  
नागरिकों को शेवंती की बुआई व  
मशकत कैसे करें, इसका प्रत्यक्ष  
प्रशिक्षण देने के उद्देश्य से प्रेरित  
होकर श्री शिवाजी साईस कॉलेज  
अमरावती के संयुक्त तत्वावधान में  
व किरण नर्सरी, गार्डन व बॉटनी  
विभाग के विशेष परिश्रम से शेवंती  
की बुआई व रखरखाव इस विषय पर

कार्यशाला का आयोजन शिवाजी  
साईस कॉलेज के मुख्य सभागृह में  
किया गया था। इस साल लंबी  
प्रतीक्षा के बाद शहरवासियों को  
बारिश की शुरूआती दौर में उद्यान  
को नवसंजीवनी मिली व नियमित  
उद्यान कार्य करने वालों को  
भागदौड़ खाद, मिट्टी, कुड़ियां  
बदलना, नया पौधा लाना आदि  
कार्य शुरू हो गए। इन दिनों कई  
महिलाएं भी बाग कार्य के लिए  
जागृत हो गई हैं। उनमें अपने घर  
के आसपास को बागिया सुशोभित

सुंदर व आकर्षक कैसे बनाई  
मानो इसके लिए स्पर्धा भी लगी है।  
अमरावतीवासी अपने घर के  
आंगन में शेवंती को लहलहाते  
देखने उत्सुक हैं।

शेवंती के लिए आयोजित इस  
कार्यशाला के उद्घाटन समारोह में  
डॉ. एच.एस.लुंगे बतौर अध्यक्ष  
उपस्थित थे, उन्होंने क्लब के इस  
उत्क्रम को शुभकामनाएं दीं।  
अमरावती गार्डन क्लब के पूर्व अध्यक्ष  
प्रा. चंद्रशेखर देशमुख ने कार्यशाला  
का उद्घाटन कर शेवंती को  
अमरावती में प्रसिद्धि देने वाली यात्रा



का वर्णन कर सभी सम्मानीय बरिष्ठ  
सदस्यों ने किए हुए परिश्रमों का भी  
उल्लेख कर जानकारी दी। इस अवसर  
पर मंच पर प्रा. प्रो. देवकर,  
एच.ओ.डी बॉटनी व गार्डन क्लब के  
अध्यक्ष डॉ. दिनेश खेडकर उपस्थित  
थे। असल में क्लब की मंशा प्रत्येक  
कुल द्वारा प्रैक्टिकल करने पर रहने  
को वजह से औपचारिक उद्घाटन  
के तुरंत बाद मुख्य सत्र की शुरूआत  
की गई। इस कार्यक्रम के पहले सत्र  
में डॉ. रेखा मणीरवार (सचिव,  
अमरावती गार्डन क्लब) ने पाँवर  
प्वाइंट प्रजेंटेशन द्वारा शेवंती के

प्रकार, बुआई व रखरखाव के बारे  
में तकनीकी जानकारी विस्तार से दी।  
कार्यशाला के द्वितीय सत्र में कई वर्ष  
शेवंती पुष्प टाणी के सम्राट तौर पर  
परिचित अनिल भोंडे व संजय काले  
साथ ही किरण नर्सरी के संचालक  
सुभाष भावे ने सभी उपस्थित शेवंती  
प्रेमी सहभागियों को प्रैक्टिकल  
सहित मार्गदर्शन किया व उनकी  
शंकाओं को भी सुलझाया। इस  
कार्यशाला में महिलाओं का उत्कृष्ट  
प्रतिपाद रहा। कार्यशाला में न केवल  
अमरावती बल्कि अकोला,  
चिखलदरा, चांदूर बाजार, दिग्रस,

परतवाड़ा, धामणगांव से भी पुष्पप्रेमी  
पहुंचे थे। कार्यशाला के लिए लगाए  
गए शुल्क का मुआवजा सहभागी  
प्रत्येक प्रशिक्षणार्थी को पूर्ण मिलना  
चाहिए, इसके लिए प्रयास किए गए,  
खुद बोया हुआ पौधा व कुड़ी  
रखरखाव के लिए दी गई। प्रमाणपत्र  
भी प्रदान किया गया।

इस अवसर पर सभी विशेषज्ञों  
ने उपस्थितों को शेवंती की बुआई  
की बांकीयां भी बताईं। शैकड़ों  
लोगों ने कार्यशाला का लाभ लेकर  
अपने घर भी शेवंती पुष्प साकार  
करने का संकल्प लिया।

# अमरावतीकरांनी घेतला संकल्प आपल्या अंगणी शेवंती फुलविण्याचा

अमरावती दि. ११ : आपल्या सौंदर्य, रंगसंगती व विविधतेमुळे संपूर्ण जगात पुष्पमालेत गुलाबानंतर अग्रस्थानी असणारे पुष्प म्हणजे शेवंती. जपान चे हे राष्ट्रीय फुल असून आपल्या भारतात देखील मोठ्या प्रमाणात लावल्या जाते. खास करून दसरा आणि दिवाळीला त्याची बाजारपेठेत खूप मोठ्या प्रमाणात मागणी असते. असं हे अत्यंत देखणं आणि मनाला भुरळ पाडणार पुष्प आहे. अमरावती शहरात दरवर्षी फक्त शेवंती करिता स्व. एम. एम. शाह मेमोरिअल शेवंती पुष्पप्रदर्शन व स्पर्धेचे आयोजन गार्डन क्लब द्वारे केले जाते व या प्रदर्शनाला नागरिक मोठ्या संख्येने भेट देतात. प्रदर्शनातील लाल, पिवळ्या, जांभळ्या, पांढऱ्या शेवंतीचे ताटवे बघताक्षणीच सर्वांचे मन मोहून घेतात व अनेक जण अशा प्रकारे शेवंती आपल्याही घरी फुलावी म्हणून काय करावे याची विचारणा करतात. त्याची लागवड कधी करायची आणि त्याचे संवर्धन कसे करायचे ह्याचे विशिष्ट असे तंत्रज्ञान आहे. नागरिकांचे शेवंतीविषयी प्रेम व उत्सुकता पाहून अमरावती गार्डन क्लबच्या कार्यकारिणीने यावर्षी शेवंतीप्रेमी नागरिकांना शेवंतीची लागवड व मशागत कशी करावी याचे प्रत्यक्ष प्रशिक्षण देण्याच्या उद्देशाने प्रेरित होऊन श्री.



शिवाजी विज्ञान महाविद्यालय अमरावती यांच्या संयुक्त विद्यमाने आणि किरण नर्सरी व गार्डन्स तसेच वनस्पतीशास्त्र विभागाच्या विशेष परिश्रमाने शेवंती लागवड व संवर्धन या विषयावर कार्यशाळा श्री शिवाजी विज्ञान महाविद्यालयाच्या मुख्य सभागृहात आयोजित केली होती. यंदाच्या वर्षी दीर्घ प्रतीक्षेनंतर अमरावतीकरांना पावसाळा दिसला तेव्हा या पावसाळ्याच्या सुवातीच्या काळात बागेला नवसंजीवनी मिळाली आणि नियमित बागकाम करणाऱ्यांची धावपळ खत, माती, कुंड्या बदलणे नवीन रोप आणणे वर्गरे करिता सुरू झाली. सध्या अनेक महिला देखील

बागकामाविषयी जागरूक झाल्या आहेत व आपली परसबाग कशी सुशोभित करता येईल याची जणू स्पर्धाच लागली आहे.

प्रामुख्याने शेवंती करिता आयोजित केलेल्या या कार्यशाळेच्या उद्घाटन समारंभास डॉ. एच. एस. लुंगे, IQAC समन्वयक, श्री शिवाजी विज्ञान महाविद्यालय यांनी अध्यक्षीय स्थान भूषवून क्लबच्या या उपक्रमास शुभेच्छा दिल्या. प्रा. चंद्रशेखर देशमुख, माजी अध्यक्ष, अमरावती गार्डन क्लब, यांनी कार्यशाळेचे उद्घाटन करून शेवंतीला अमरावती मध्ये प्रसिद्धी देणाऱ्या प्रवासाचे वर्णन करून सर्व सन्माननीय जेष्ठ सदस्यांनी घेतलेल्या परिश्रमाची

देखील माहिती दिली. याप्रसंगी व्यासपीठावर प्रा. भूपेंद्र दोरकर, वनस्पतीशास्त्र विभाग प्रमुख आणि गार्डन क्लब अध्यक्ष डॉ. दिनेश खेडकर उपस्थित होते. खरत क्लबचा मानस प्रत्यक्ष कृतीद्वारा प्रात्यक्षिक करण्यावर असल्यामुळे औपचारिक उद्घाटन करून लगेच मुख्य सत्राला सुरुवात करण्यात आली.

या कार्यशाळेच्या प्रथम सत्रात डॉ. रेखा मणीखार, सचिव अमरावती गार्डन क्लब यांनी पॉवर पॉइंट प्रेझेंटेशन द्वारे शेवंतीचे प्रकार आणि लागवड व संवर्धन याबद्दल तांत्रिक माहिती विस्तृतपणे दिली. कार्यशाळेच्या दुसऱ्या सत्रात गेली अनेक वर्षे शेवंती पुष्पचषकाचे अनभिषिक्त सम्राट म्हणून

ओळखले जाणारे अनिल भोंडे आणि संजय काळे तसेच किरण नर्सरीचे संचालक सुभाष भावे यांनी सर्व उपस्थित शेवंतीप्रेमी सहभागींना प्रात्यक्षिकसह मार्गदर्शन केले आणि त्यांच्या शंकांचे निरसन देखील केले. सदर कार्यशाळेकरिता महिला वर्गाचा उत्सुर्त प्रतिसाद लाभला. केवळ अमरावती मधीलच नव्हे तर अकोला, चिखलदरा, चांदूर बाजार, दिगस परतवाड, धामणगाव येथील मंडळींनी देखील या कार्यशाळेचा लाभ घेतला. कार्यशाळेकरिता आकारण्यात आलेल्या शुल्काचा मोबदला सहभागी होणाऱ्या प्रत्येक प्रशिक्षणार्थीला पूर्णपणे मिळवा ह्या दृष्टीने प्रयत्न करण्यात आले व स्वतः लागवड केलेले रोपटे आणि कुंडी संगोपनासाठी घरी देण्यात आले सोबतच त्यांना प्रमाणपत्र प्रदान करण्यात आले. या प्रसंगी सर्व तज्ञ मंडळींनी उपस्थित नागरिकांना शेवंती लागवडी बाबत बारकावे सांगितले. शेकडो लोकांनी सदर कार्यशाळेचा लाभ घेऊन आपल्या घरी देखील शेवंती फुलविण्याचा संकल्प घेतला.

या कार्यशाळेच्या यशस्वी आयोजनाकरिता गार्डन क्लबच्या कार्यकारिणी व तज्ञ मार्गदर्शक यांनी अथक परिश्रम घेतले. या कार्यशाळे करिता क्लबचे जेष्ठ सन्माननीय सदस्य आणि अनेक मान्यवर उपस्थित होते.

**दै. हिंदुस्थान १२ ऑगस्ट, २०१९**













**Attendance:****Chrysanthemum cultivation participants**

<b>Sr. No.</b>	<b>Name</b>	<b>Mobile No.</b>
1	Ahmed Farukh Ziyauddin	7507407633
2	Diwakar Ambulkar	9822222687
3	Parikshit Barsaiyya	9404114940
4	Vineeta Bhagat	9021973881
5	Bhagat	8208964523
6	Neha Bhatkar	9975030627
7	Vijaya Bhokare	9272199847
8	Kailash Chavan	8605101536
9	Sharda Deshmukh	8087745994
10	Ashwini Gaidhani	9403369129
11	Vikrant Gautam	8698330003
12	Vasant Gedam	8208182669
13	Dipali Ghorpade	9834151261
14	Ghuikhedkar	9325899790
15	Dipak Harne	9422563683
16	Sunil Ingale	9860838362
17	Manish Ingalkar	9325899790
18	Manik Ingole	9421788414
19	Suruchi Kadu	9860074822
20	Yogesh Katre	8208856656
21	Neela Kelkar	9673788388
22	Pramod Khadse	9923861996
23	Pradnya Khapekar	8975383973
24	Meena Koche	9604653421
25	Praful Kukade	9763385428
26	Mohan Kulkarni	9423125211
27	Rajashri Kulkarni	9422881211
28	Ujjwala Mohade	9049088283
29	Satish Malode	
30	Aakash More	9834725810
31	Manoj Naware	7719905884
32	Abhijeet Pande	9422159960
33	Shrikant Patil	
34	Prabhakar Patil	9923433564
35	Lobheshwar Rangari	9823756003
36	Prakash Sabale	
37	Manisha Sapkal	9422875376
38	Harsha Supe	9021019060
39	Milind Tatte	9422858492, 8668383225
40	Telgote Madam	9960938326
41	Vaidya Madam	9766547136

42	Prabodhini Wadnerkar	9881197711
43	Sadhana Watt	9326190033
44	Anuradha Watane	7020535241
45	Kavita Watane	9764262415
46	Suresh Vidhale	9623423423
47	Asmita Sarode	9552048191
48	Komal Gajbhiye	7057862540
49	Sujata Shende	9960938326
50	Vilas Sonak	8390014433
51	Pushpalata Dhangare	9975509661
52	Bhagwant Sawarkar	9403050640
53	Ninad Jawade	9420057850

[illegible][illegible]

Sl. No.	Name of the Candidate	Roll No.	Grade	Subject	Score	Remarks
1	Arjun	1001	10	Maths	100	Pass
2	Arjun	1002	10	Maths	100	Pass
3	Arjun	1003	10	Maths	100	Pass
4	Arjun	1004	10	Maths	100	Pass
5	Arjun	1005	10	Maths	100	Pass
6	Arjun	1006	10	Maths	100	Pass
7	Arjun	1007	10	Maths	100	Pass
8	Arjun	1008	10	Maths	100	Pass
9	Arjun	1009	10	Maths	100	Pass
10	Arjun	1010	10	Maths	100	Pass
11	Arjun	1011	10	Maths	100	Pass
12	Arjun	1012	10	Maths	100	Pass
13	Arjun	1013	10	Maths	100	Pass
14	Arjun	1014	10	Maths	100	Pass
15	Arjun	1015	10	Maths	100	Pass
16	Arjun	1016	10	Maths	100	Pass
17	Arjun	1017	10	Maths	100	Pass
18	Arjun	1018	10	Maths	100	Pass
19	Arjun	1019	10	Maths	100	Pass
20	Arjun	1020	10	Maths	100	Pass

[illegible]

01	Prati	Rajesh					
02	Prati	Prashant	R			982431864	200 <i>OK</i>
03	Prati	R	K	✓			200 <i>OK</i>
04	Prashant	Prashant					200 <i>OK</i>
05	Prangan	Ujjwal Kumar		<i>Monetary</i>		98-3755008	200 <i>OK</i>
06	Pratik	Prakash		<i>Monetary</i>	pr_singh@gmail.com	942286177	200 <i>OK</i>
07	Pratik	Manish	Sud		pratikgati@gmail.com	942297136	200 <i>OK</i>
08	Prati	Sudhakar					200 <i>OK</i>
09	Prati	Harish	Sanjay		<i>Sudhakar Singh</i>	9421010002	200 <i>OK</i>
10	Prati	Manoj	ANANDHARAJU		pratik @ gmail.com	942377444	200 <i>OK</i>
11	Pratik	Madan				942383121	200 <i>OK</i>
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100	Pratik	Madan				942383121	200 <i>OK</i>

Sl. No.	Name	Address	Phone No.	Remarks
1	Shivraj	Shivraj	36001779	
2	Nitin	Nitin	36001779	
3	Shivraj	Shivraj	36001779	
4	Nitin	Nitin	36001779	
5	Shivraj	Shivraj	36001779	
6	Nitin	Nitin	36001779	
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81	Shivraj	Shivraj	36001779	</



## 5. Three Day Online Workshop on Basic Gardening Techniques in Gardening – 29 – 31 May, 2020



## Three Day Online Workshop on “BASIC GARDENING TECHNIQUES”

(Soil Mixture Making, Potting-Repotting & Kitchen Gardening)

29<sup>th</sup> to 31<sup>st</sup> May, 2020 Daily 5.00 to 6.30 pm

Organized by

Regd. No. B-F-797

AMRAVATI  
GARDEN  
CLUB



HELP  
GARDENS  
GROW

*Love Plants;  
Save Life*

Collaboration

- Kiran Nursery & Gardens, Amravati,
- Shri Shivaji Science College, Amravati
- Shivaji Horticulture College, Amravati
- Shri Vinayak Vidnyan Maha., Nandgaon Kh.
- G. S. Tompe College, Chandur Bz.
- Rajashri Shahu Sci. College, Chandur Rly.

-:Workshop Schedule:-

29 <sup>th</sup> May	30 <sup>th</sup> May	31 <sup>st</sup> May
<p style="color: red; font-weight: bold;">Session 1: Soil Preparation</p> <p style="color: red; font-weight: bold;">Dr. S. P. Khodke</p> <p>Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.</p>	<p style="color: red; font-weight: bold;">Session 3: Potting/Repotting</p> <p style="color: red; font-weight: bold;">Dr. Shital Dagwar</p> <p>Shivaji Horticulture College, Amravati</p>	<p style="color: red; font-weight: bold;">Session 5: Kitchen Gardening</p> <p style="color: red; font-weight: bold;">Dr. Y. M. Rajgure</p> <p>G. S. Tompe College, Chandur Bazar</p>
<p style="color: red; font-weight: bold;">Session 2: Practical</p> <p style="color: red; font-weight: bold;">Mr. Subhash Bhawe</p> <p>Kiran Nursery &amp; Gardens, Amravati</p>	<p style="color: red; font-weight: bold;">Session 4: Practical</p> <p style="color: red; font-weight: bold;">Dr. Deshmukh</p> <p>Shivaji Horticulture College, Amravati</p>	<p style="color: red; font-weight: bold;">Session 6: Practical</p> <p style="color: red; font-weight: bold;">Dr. Gajendra Pachlore</p> <p>Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.</p>

**Who Can Participate:** Any person desiring to develop own Garden

**Conditions:** Full time participation, Online Registration and Feedback

**How to participate:** Google Meet to PC/Laptop/Mobile

**How to Register:** Submit info here  
<https://forms.gle/whrGVtVemZAdMO168>





# अमरावती गार्डन क्लब की ऑनलाइन वर्कशॉप ने होम गार्डन उगाने की तकनीक बताई

## बागवानी की मूल बातों का प्रसार और प्रचार: गार्डन क्लब की ऑनलाइन कार्यशाला

अमरावती प्रतिनिधि, समुचे राज्य से सहभागीता में हुई गार्डन क्लब की ऑनलाइन कार्यशाला देश भर के बागवानी की भागीदारी के साथ गार्डन क्लब की ऑनलाइन कार्यशाला का समापन जहां पूरी मानव जाति दुनिया भर में कोरोना संकट से लड़ रही है, सुजन ने अपने फूल को नहीं रोका है, संकट के इन समयों में, प्रकृति ने हमें एक बहुत महत्वपूर्ण संदेश दिया है कि, हमारे मातृग्रह की रक्षा करना अनिवार्य है। अमरावती गार्डन क्लब, जो मौसम के अनुसार विभिन्न गतिविधियों को लागू करने के लिए प्रसिद्ध है, कई व्यावहारिक गतिविधियों के आधार पर कार्यशालाओं के आयोजन पर जोर देता है, लेकिन लॉकडाउन के कारण, वास्तविक कार्यशालाओं का संयोजन किए बिना सभी बागवानी नागरिकों को विशेषज्ञ समूहों के मार्गदर्शन को व्यक्त करने के उद्देश्य से तीन दिवसीय ऑनलाइन कार्यशाला का आयोजन किया गया था। कार्यशाला का विषय बेसिक गार्डनिंग तकनीक था। इसमें मिट्टी के मिश्रण को तैयार करने, गमले भरना एवं बदलने और घर के आंगन में फलों और सब्जियों की खेती जैसे विषयों को प्रत्यक्षिक द्वारा बताया गया। श्री शिवाजी साईंस कॉलेज,

अमरावती, शिवाजी हॉर्टिकल्चर कॉलेज, अमरावती, विनायक विज्ञान महाविद्यालय, नंदगांव (खंड), जी.सी. टोम्पे कॉलेज, चंद्र बाजार और राजश्री शाह साईंस कॉलेज, चंद्र रेलवे द्वारा संयुक्त रूप से किरण नर्सरी और गार्डन के महत्वपूर्ण सहयोग से किया गया था। उद्घाटन सत्र में क्लब के सचिव डॉ. रेखा मगरगवार ने सभी प्रतिभागियों और आयोजक कॉलेज के प्रिंसिपल का स्वागत किया और साथ ही कार्यशाला के आयोजन की भूमिका के बारे में बताया। सह-आयोजक कॉलेज के प्रतिनिधि के रूप में, डॉ. अलका भिसे, प्रिंसिपल विनायक विज्ञान महाविद्यालय, नंदगांव (खंड) ने कार्यशाला का उद्घाटन किया। डॉ. एस एस ठाकरे, प्रिंसिपल, राजश्री शाह साईंस कॉलेज, चंद्र रेलवे ने बड़ी संख्या में कॉलेजों के साथ कार्यक्रम के आयोजन के लिए गार्डन क्लब के काम की प्रशंसा की। पहले सत्र में अमरावती गार्डन क्लब के पूर्व अध्यक्ष और डॉ. सुचिता खोडके ने पावर पॉइंट प्रेजेंटेशन के माध्यम से मिट्टी के मिश्रण के बारे में विस्तृत जानकारी दी। दूसरे सत्र में अमरावती गार्डन क्लब के उपाध्यक्ष श्री सुभाष भावे ने पहले मिट्टी के मिश्रण के

विभिन्न घटकों को पेश किया और फिर प्रदर्शन किया कि विभिन्न पौधों के लिए आवश्यक मिट्टी के मिश्रण को कैसे तैयार किया जाए। अंत में, सभी प्रतिभागियों के सवाल के जवाब दिए गए। दूसरे दिन का आयोजन श्री शिवाजी उदयनविद्या महाविद्यालय में प्राचार्य डॉ. शशांक देशमुख के मार्गदर्शन में किया गया। श्री निलेश फुटने, सहायक प्रोफेसर, ने गमलों में मिट्टी भरने और कुछ दिनों बाद दूसरे बड़े गमलों में इसे फिर से भरने पर पावरपॉइंट प्रस्तुति कर विस्तृत जानकारी दी। दूसरे सत्र में, सहायक प्रोफेसर श्रीमती शीतल चितोडे ने गमले में पेड़ लगाने और गमले को बदलने के तकनीकी का सटीक प्रदर्शन किया। उन्होंने इन विभिन्न परतों को पारदर्शी कांच के जार में डालकर समझना आसान बना दिया गया था। ताकि सभी प्रतिभागी वर्तन में मिट्टी के मिश्रण को भरते समय जरूरी बातें समझ सकें। तीसरे दिन, किचन गार्डन के एक बहुत ही महत्वपूर्ण मुद्दे से निपटा गया। इस दृष्टिकोण से, डॉ. गो सी टोम्पे कॉलेज की वनस्पति शाख की सहायक प्रोफेसर श्रीमती युगंधरा गुल्हाने द्वारा विस्तृत जानकारी दी गयी। उसके बाद विनायक विज्ञान महाविद्यालय

के सहायक प्रोफेसर डॉ. गजेंद्रसिंह पचलारे ने घरेलू नुस्खों का उपयोग कर सब्जियां उगाने के बारे में जानकारी दी। प्रतिभागियों के सवालों के समाधान के लिए एक विशेष संगोष्ठी का आयोजन किया गया। जिसमें डॉ. विलास देशमुख, पूर्व विभागाध्यक्ष, वनस्पति विज्ञान विभाग, विद्याभारती कॉलेज और प्रो. चंद्रशेखर देशमुख, शिवाजी कृषि महाविद्यालय ने विभिन्न प्रश्नों और उत्तरों पर चर्चा की। कई प्रतिभागियों ने टिप्पणी की, कि उत्कृष्ट प्रदर्शनों का उपयोग करके कार्यशाला का आयोजन किया गया था। पूरे राज्य के साथ-साथ विदेशों से भी कई बागवानों ने इस कार्यशाला का लाभ उठाया। संबंधित प्रतिभागियों ने प्रतिक्रिया में उल्लेख किया कि भविष्य में भी इसी तरह की कार्यशालाएं आयोजित की जानी चाहिए। शिवाजी फिजिकल एजुकेशन कॉलेज की प्रिंसिपल डॉ. अंजलि ठाकरे ने इस कार्यशाला के लिए जूम मीटिंग का माध्यम उपलब्ध कराने के लिए विशेष सहायता प्रदान की। इस अवसर पर सभी माननीय प्रधानाचार्यों को सह-आयोजन में सहयोग के लिए धन्यवाद दिया गया और राष्ट्रीय गान के साथ कार्यशाला का समापन किया गया।

अमरावती गार्डन क्लब जो कि हर कार्यक्रम में अपने नवीन विचारों, सूत्र डिजाइन और अनुशासित कार्यान्वयन के लिए जाना जाता है। इसी लोकप्रियता के कारण कार्यशाला को अच्छी तरह से प्राप्त किया गया था। हर दिन 1500 से अधिक लोगों की भागीदारी उत्साहजनक थी। पूरी कार्यशाला को लाइव टेलीकास्ट किया गया था और अब यह वीडियो रिकॉर्डिंग क्लब की वेबसाइट पर उपलब्ध है, जो नागरिकों को आगे लाभान्वित करेगा। मुझे खुशी है कि गार्डन क्लब का काम इस अवसर पर पूरे राज्य में पहुंच गया है। भाग लेने वाले नागरिकों द्वारा की गये निवेदन के जवाब में, प्रकृति प्रेमियों के लिए अलग अलग आयोजन की तैयारी की जाएगी।

**- डॉ. दिनेश खेडकर**  
अध्यक्ष  
अमरावती गार्डन क्लब

शैक्षिक संस्थानों और कॉलेजों का समन्वय समाज के उत्थान और प्रकृति की समृद्धि के लिए बहुत कुछ किया जा सकता है। गार्डन क्लब का प्रत्येक कार्य हमेशा शैक्षणिक संस्थानों के साथ समन्वित होता है और इसलिए कॉलेज समुदाय तक पहुंच बना सकते हैं।

**- प्राचार्य डॉ. विजय ठाकरे**  
श्री शिवाजी विज्ञान महाविद्यालय अमरावती

कॉलेज छात्रों को वैज्ञानिक जानकारी प्रदान करने का एक सीमित काम करते हैं। लेकिन वह गार्डन क्लब जैसे उद्देश्यपूर्ण सामाजिक संगठनों की भागीदारी है, जो समुदाय के लिए सबसे अच्छी जानकारी पहुंचाता है।

**- प्राचार्य डॉ. शशांक देशमुख**  
श्री शिवाजी उद्यानविद्या महाविद्यालय अमरावती

# अमरावती गार्डन क्लब की ऑनलाइन वर्कशॉप ने होम गार्डन उगाने की तकनीक बताई

अमरावती (प्रतिनिधि) -

जहां पूरी मानव जाति दुनिया भर में कोरोना संकट से लड़ रही है, सुजन ने अपने फूल को नहीं रोका है। संकट के इन समयों में, प्रकृति ने हमें एक बहुत महत्वपूर्ण संदेश दिया है कि, हमारे मातृग्रह की रक्षा करना अनिवार्य है। अमरावती गार्डन क्लब, जो मौसम के अनुसार विभिन्न गतिविधियों को लागू करने के लिए प्रसिद्ध है, कई व्यावहारिक गतिविधियों के आधार पर कार्यशालाओं के आयोजन पर जोर देता है। लेकिन लॉकडाउन के कारण, वास्तविक कार्यशालाओं का संयोजन किए बिना सभी बागवानी नागरिकों को विशेषज्ञ समूहों के मार्गदर्शन को व्यक्त करने के उद्देश्य से तीन दिवसीय ऑनलाइन कार्यशाला का आयोजन किया गया था। कार्यशाला का विषय बेसिक गार्डनिंग तकनीक था। इसमें मिट्टी के मिश्रण को तैयार करने, गमले भरना एवं बदलने और घर के आंगन में फलों और सब्जियों की खेती जैसे विषयों को प्रत्यक्षिक द्वारा बताया गया। श्री शिवाजी साईंस कॉलेज, अमरावती, शिवाजी हॉर्टिकल्चर कॉलेज,

- \* बागवानी की मूल बातों का प्रसार और प्रचार-गार्डन क्लब की ऑनलाइन कार्यशाला
- \* समुचे राज्य से सहभागीता में हुई गार्डन क्लब की ऑनलाइन कार्यशाला
- \* देश भर के बागवानों की भागीदारी के साथ गार्डन क्लब की ऑनलाइन कार्यशाला का समापन

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अमरावती, विनायक विज्ञान महाविद्यालय, नंदगांव (खंड), जी.सी. टोम्पे कॉलेज, चंद्र बाजार और राजश्री शाह साईंस कॉलेज, चंद्र रेलवे द्वारा संयुक्त रूप से किरण नर्सरी और गार्डन के महत्वपूर्ण सहयोग से किया गया था।

उद्घाटन सत्र में क्लब के सचिव डॉ. रेखा मगरगवार ने सभी प्रतिभागियों और आयोजक कॉलेज के प्रिंसिपल का स्वागत किया और साथ ही कार्यशाला के आयोजन की भूमिका के बारे में बताया। सह-आयोजक कॉलेज के प्रतिनिधि के रूप में, डॉ. अलका भिसे, प्रिंसिपल विनायक विज्ञान महाविद्यालय, नंदगांव (खंड) ने कार्यशाला का उद्घाटन किया। डॉ. एस एस ठाकरे, प्रिंसिपल, राजश्री शाह साईंस कॉलेज, चंद्र रेलवे ने बड़ी संख्या में कॉलेजों के साथ कार्यक्रम के आयोजन के लिए

गार्डन क्लब के काम की प्रशंसा की। पहले सत्र में अमरावती गार्डन क्लब के पूर्व अध्यक्ष और डॉ. सुचिता खोडके ने पावर पॉइंट प्रेजेंटेशन के माध्यम से मिट्टी के मिश्रण के बारे में विस्तृत जानकारी दी। दूसरे सत्र में अमरावती गार्डन क्लब के उपाध्यक्ष श्री सुभाष भावे ने पहले मिट्टी के मिश्रण के विभिन्न घटकों को पेश किया और फिर प्रदर्शन किया कि विभिन्न पौधों के लिए आवश्यक मिट्टी के मिश्रण को कैसे तैयार किया जाए। अंत में, सभी प्रतिभागियों के सवालों के

जवाब दिए गए। दूसरे दिन का आयोजन श्री शिवाजी उदयनविद्या महाविद्यालय में प्राचार्य डॉ. शशांक देशमुख के मार्गदर्शन में किया गया। श्री निलेश फुटने, सहायक प्रोफेसर, ने गमलों में मिट्टी भरने और कुछ दिनों बाद दूसरे बड़े गमलों में इसे फिर से भरने पर पावरपॉइंट प्रस्तुति कर विस्तृत जानकारी दी। दूसरे सत्र में, सहायक प्रोफेसर श्रीमती शीतल चितोडे ने गमले में पेड़ लगाने और गमले को बदलने के तकनीकी का सटीक प्रदर्शन किया।

उन्होंने इन विभिन्न परतों को पारदर्शी कांच के जार में डालकर समझना आसान बना दिया गया था। ताकि सभी प्रतिभागी वर्तन में मिट्टी के मिश्रण को भरते समय जरूरी बातें समझ सकें। तीसरे दिन, किचन गार्डन के एक बहुत ही महत्वपूर्ण मुद्दे से निपटा गया। इस दृष्टिकोण से, डॉ. गो सी टोम्पे कॉलेज की वनस्पति शाख की सहायक प्रोफेसर श्रीमती युगंधरा गुल्हाने द्वारा विस्तृत जानकारी दी गयी। उसके बाद विनायक विज्ञान महाविद्यालय के सहायक प्रोफेसर डॉ. गजेंद्रसिंह पचलारे ने घरेलू नुस्खों का उपयोग कर सब्जियां उगाने के बारे में जानकारी दी। प्रतिभागियों के सवालों के समाधान के लिए एक विशेष संगोष्ठी का आयोजन किया गया। जिसमें डॉ. विलास देशमुख, पूर्व विभागाध्यक्ष, वनस्पति विज्ञान विभाग, विद्याभारती कॉलेज और

अमरावती गार्डन क्लब जो कि हर कार्यक्रम में अपने नवीन विचारों, सूत्र डिजाइन और अनुशासित कार्यान्वयन के लिए जाना जाता है। इसी लोकप्रियता के कारण कार्यशाला को अच्छी तरह से प्राप्त किया गया था। हर दिन 1500 से अधिक लोगों की भागीदारी उत्साहजनक थी। पूरी कार्यशाला को लाइव टेलीकास्ट किया गया था और अब यह वीडियो रिकॉर्डिंग क्लब की वेबसाइट पर उपलब्ध है, जो नागरिकों को आगे लाभान्वित करेगा। मुझे खुशी है कि गार्डन क्लब का काम इस अवसर पर पूरे राज्य में पहुंच गया है। भाग लेने वाले नागरिकों द्वारा की गये निवेदन के जवाब में, प्रकृति प्रेमियों के लिए अलग अलग आयोजन की तैयारी की जाएगी।

**- डॉ. दिनेश खेडकर**, अध्यक्ष अमरावती गार्डन क्लब

**समाज के उत्थान और प्रकृति की समृद्धि के लिए बहुत कुछ किया जा सकता है**

शैक्षिक संस्थानों और कॉलेजों का समन्वय समाज के उत्थान और प्रकृति की समृद्धि के लिए बहुत कुछ किया जा सकता है। गार्डन क्लब का प्रत्येक कार्य हमेशा शैक्षणिक संस्थानों के साथ समन्वित होता है और इसलिए कॉलेज समुदाय तक पहुंच बना सकते हैं।

**- प्राचार्य डॉ. विजय ठाकरे**  
श्री शिवाजी विज्ञान महाविद्यालय अमरावती

**कॉलेज छात्रों को वैज्ञानिक जानकारी प्रदान करने का काम करते हैं**

कॉलेज छात्रों को वैज्ञानिक जानकारी प्रदान करने का एक सीमित काम करते हैं। लेकिन वह गार्डन क्लब जैसे उद्देश्यपूर्ण सामाजिक संगठनों की भागीदारी है, जो समुदाय के लिए सबसे अच्छी जानकारी पहुंचाता है।

**- प्राचार्य डॉ. शशांक देशमुख**  
श्री शिवाजी उद्यानविद्या महाविद्यालय अमरावती



## 6. Chrysanthemum Cultivation Workshop 2020

**सहआयोजक :**

श्री शिवाजी विज्ञान महाविद्यालय, अमरावती  
 श्री शिवाजी उद्यानविद्या महाविद्यालय, अमरावती  
 नरसम्मा हिरय्या महाविद्यालय, अमरावती  
 श्री विनायक विज्ञान महाविद्यालय, नांदगाव खंडेश्वर  
 गो. सी. टोम्पे महाविद्यालय, चांदूर बाजार  
 राजर्षी शाहू विज्ञान महाविद्यालय, चांदूर रेल्वे



**अमरावती गार्डन क्लब,**  
**अमरावती** द्वारा आयोजित

**लॉजिस्टिक पार्टनर :**  
 किरण नर्सरी व गार्डन्स, अमरावती

# शेवंती लागवड व संगोपन

## तंत्रज्ञान कार्यशाळा

**रविवार, दि. २ ऑगस्ट, २०२०**



**\* कार्यशाळेसाठी तज्ञ मार्गदर्शक \***





**डॉ. रेखा मंगीरवार**  
शेवंती तज्ञ

**श्री. सुभाष भावे**  
शेवंती चषक विजेता

**श्री. अनिल भोंडे**  
शेवंती चषक विजेता

**Scan QR or Click below Link for Registration :**



<https://forms.gle/4jk2MhgQ5Yqee8KEA>

**दि. २ ऑगस्ट, २०२० | वेळ दु. २.०० ते ५.०० वा.**

डॉ. रेखा मंगीरवार : दु. २.०० वा. व्याख्यान - लागवड तंत्रज्ञान  
 श्री. सुभाष भावे : दु. २.४५ वा. प्रात्यक्षिक - माती मिश्रण व कुंडी तयार करणे  
 श्री. अनिल भोंडे : दु. ३.३० वा. प्रात्यक्षिक - शेवंती लागवड व संगोपन  
 तज्ञांसोबत चर्चा : दु. ४.१५ ते ५.०० वा.

**₹१००** रु. देणगी निधी

**ऑनलाईन कार्यशाळा**

**- संयोजक -**  
 डॉ. सुचिता खोडके  
 श्री विनायक विज्ञान  
 महाविद्यालय, नांदगाव खंडेश्वर

**- आयोजन सचिव -**  
 डॉ. उमेश कनेरकर  
 गो. सी. टोम्पे महाविद्यालय,  
 चांदूर बाजार

कार्यशाळेत सहभागासाठी नोंदणी अनिवार्य आहे.  
 नोंदणी दि. १ ऑगस्ट, २०२० | सायं. ७ वा. पर्यंत.  
 Meeting ID नोंदणीकृत ई-मेल/मोबाईलवर पाठविला येईल.

– अधिक माहिती करिता संपर्क :-  
[www.agca.webs.com](http://www.agca.webs.com)



## 1. REPORT

During the early part of the rainy season, the garden is revitalized and regular gardeners rush for fertilizer, soil, changing pots, bringing in new seedlings and so on. Currently, all the common people have developed the hobby of gardening, which is considered as the most enjoyable hobby. So, in the hard time of COVID-19 also we can never restrict the flowering of nature, and therefore, this year, Shevanti planting and rearing workshop was organized online with the message of overcoming the difficult times of struggle and the energy of green nature.

In the city of Amravati every year only for Chrysanthemum, late M. M. Shah Memorial Shevanti Flower Exhibition and Competition is organized by the Garden Club and is visited by a large number of citizens. The red, yellow, purple and white flower trays on display captivate everyone and many people ask what to do to make the shewanti bloom in their homes. Due to its beauty, color scheme and variety, the flower which is at the forefront of the flower arrangement all over the world, Growing "Shevanti" has a unique technology of when and how to cultivate it. Shevanti planting workshops are organized by the Garden Club for the citizens every year and the number of Shewanti planters is increasing day by day by adopting this technology. Many plant lovers are still demanding to organize such workshop. As Amravati Garden Club has its unique identity in well planned and executed organization. Even though there is restriction for offline workshop the Amravati Garden Club has taken initiative for conducting it on Virtual Platform. The workshop was held on Sunday, 2nd August 2020 from 2 to 5 pm. In the first session of this workshop, Dr. Rekha Maggirwar, Secretary, Amravati Garden Club has given detail information through Power Point presentation and in the second session Shri. Subhash Bhave, Vice President, Amravati Garden Club and Shri. Anil Bhode, Honorary Executive Member and Shevanti Cup Emperor have guided the participants with the demonstration.

The training was imparted with the help of ZOOM MEETING and also broadcasted live on the Garden Club website ([www.agca.webs.in](http://www.agca.webs.in)).

# Certificate

## इंडियन रोझ फेडरेशन संलग्नित अमरावती गार्डन क्लब, अमरावती

www.agca.webs.com

### प्रमाणपत्र

प्रमाणित करण्यात येते की,

यांनी अमरावती गार्डन क्लब, अमरावती द्वारा रविवार दि. २ ऑगस्ट, २०२० रोजी

आयोजित “शेवंती लागवड व संगोपन तंत्रज्ञान कार्यशाळा” या ऑनलाईन कार्यशाळेमध्ये

सक्रिय सहभाग घेतला. करीता हे प्रमाणपत्र प्रदान करण्यात येत आहे.

आपले हार्दिक अभिनंदन !

*Dinkar*

डॉ. दिनेश खेडकर

अध्यक्ष, गार्डन क्लब, अमरावती

*Rumaggarwar*

डॉ. रेखा मग्गीरवार

सचिव, गार्डन क्लब, अमरावती



सहआयोजक :

श्री शिवाजी विज्ञान महाविद्यालय, अमरावती  
श्री शिवाजी उद्यानविद्या महाविद्यालय, अमरावती  
नरसम्मा हिरय्या महाविद्यालय, अमरावती  
श्री विनायक विज्ञान महाविद्यालय, नांदगाव खंडेश्वर  
गो. सी. टोम्पे महाविद्यालय, चांदूर बाजार  
राजर्षी शाहू विज्ञान महाविद्यालय, चांदूर रेल्वे

लॉजिस्टिक पार्टनर :

किरण नर्सरी व गार्डन्स, अमरावती

Zoom Meeting You are viewing rekha maggirwar's screen View Options

Turn on Original Sound LIVE on Custom Live Streaming Service Speaker View

**VEGETATIVE GROWTH**

Dr. Mangesh... Dinesh Khed... VVM NANDGA...

Shreesh Kulkarni QCOM-BTD rekha maggirwar

Dr. Unmesh... Ghurde Pragati... H

ARVIND RAOLE Rahul choud... Haridas Des...

Ambika Thakare Anjali Gadgil

TE A57 Nina... Nirmala des...

Unmute Stop Video Security Participants Polls Chat Share Screen Record Closed Caption Support Reactions More End


Type here to search

14:46 02/08/2020

Zoom Meeting You are viewing rekha maggirwar's screen View Options

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## PLANTING METHOD



Participants:

- Prajakta Kalekar
- Sugandha Lonikar
- vaishnavi akhare
- Surekha Bharat
- Vishal Marat...
- Dr.M.V. KAW...
- Pratap Nikam
- vidula choud...
- Puja Sawsakade
- mangesh.mit...
- Nemikumar Ma...
- Dr. Varsha Desh...
- कल्पना पाटील
- vaibhav mohta(P)
- Dhanashree...

Unmute Stop Video Security Participants Polls Chat Share Screen Record Closed Caption Support Reactions More

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14:46 02/08/2020

Zoom Meeting You are viewing rekha maggirwar's screen View Options

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## PLANTING METHOD


Select the number of saplings as per pot size

Treatment

Plant diagonally

Keep pots in shade

Transfer in direct sunlight



Participants:

- Home iPad
- Dr.Ram Bajgire...
- Avinash Mehare
- Shweta Mah...
- Harsha ingle
- Suresh Marotra...
- Galaxy A7 (2017)
- Pratiksha's iPho...
- Ingle Kamal Har...
- Anil Kale
- Madhukar Mes...
- Uday Parab
- Shubha
- Kalpaka Kituk...
- Anil Bonde

Unmute Stop Video Security Participants Polls Chat Share Screen Record Closed Caption Support Reactions More

Type here to search

14:46 02/08/2020



Zoom Meeting You are viewing rekha maggirwar's screen View Options

Turn on Original Sound LIVE on Custom Live Streaming Service

## PLANTING METHOD

Select the number of saplings as per pot size

↓

Treatment

↓


Plant diagonally

↓

Keep pots in shade

↓

Transfer in direct sunlight



rekha maggirwar

Unmute Stop Video Security Participants 100 Polls Chat Share Screen Record Closed Caption Support Reactions More

Type here to search


Zoom Meeting 14:45 02/08/2020

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Zoom Meeting

Shrees Kulk... Nandini Deshm... Redmi Rahul choudhari Dr. Vilas Deshm... Dr. Mangesh...

Turn on Original Sound Unpin Video LIVE on Custom Live Streaming Service



Subhash

Unmute Stop Video Security Participants 96 Polls Chat 15 Share Screen Record Closed Caption Support Reactions More

Type here to search

Zoom Meeting 15:20 02/08/2020

# शेवंती फूलों की तकनीक पर अमरावती गार्डन क्लब का मार्गदर्शन

राज्य भर से फूल  
प्रेमियों द्वारा कृतियुक्त  
प्रशिक्षण की सराहना

देशभर से पुष्पप्रेमी सहभागी

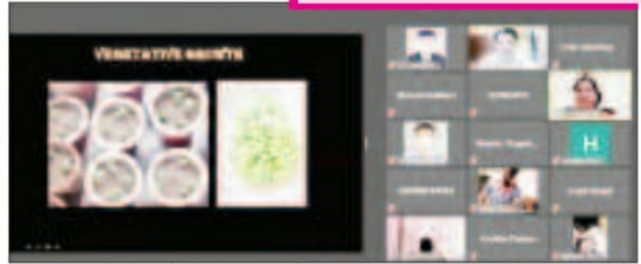
हर महीने की 1 तारीख को  
कार्यशाला की योजना क्लब की  
वेबसाइट पर दिखाई देगी

**अमरावती.** गार्डन क्लब,  
अमरावती ने रविवार 2 अगस्त,  
2020 को शेवंती रोपण और पालन  
तकनीक पर ऑनलाइन कार्यशाला  
का आयोजन किया था। अमरावती  
शहर में हर साल गार्डन क्लब द्वारा  
विभिन्न कार्यशालाएं और प्रदर्शनकारी  
गतिविधियां आयोजित की जाती हैं।  
कोरोना के दमनकाल में एक खुशनुमा  
माहौल बनाने की क्लब की पहल को



देश भर से भारी प्रतिसाद मिला।

गार्डन क्लब के विभिन्न प्रदर्शनों में बहुत सारे सुंदर फूल  
दिखाई देते हैं। इसमें सबसे ज्यादा आकर्षित करने वाले  
शेवंतीपुष्प कि विशेष प्रदर्शनी एवं स्पर्धा के. एम. शाह  
मेमोरियल शेवंती चषक के रूप में आयोजन गार्डन क्लब  
द्वारा किया जाता है। प्रदर्शनी में (शेष पृष्ठ 2 पर)



गार्डन क्लब ने कोविड बिमारी के संकट को एक अवसर में बदलकर राज्य भर में  
अपनी पहुंच का विस्तार किया है। भाग लेने वाले नागरिकों की सराहना से प्रेरित  
होकर, निकट भविष्य में बोन्साय, सिजनलस, हैंगिंग बास्केट, सक्युलेंट्स, कोलीएस,  
पुष्परचना जैसे विषयों पर कार्यशाला आयोजित करने की योजना है। हर महीने की पहली  
तारीख को उस महीने के लिए कार्यशालाओं की योजना क्लब की वेबसाइट  
[www.agca.webs.com](http://www.agca.webs.com) पर उपलब्ध कराई जाएगी। वेबसाइट के संपर्क में रहकर  
जानकारी प्राप्त की जा सकती है - डॉ. दिनेश खेडकर, अध्यक्ष, गार्डन क्लब

## अमरावती गार्डन क्लब की शेवंती फूलों की तकनीक पर कार्यशाला

देशभर से पुष्पप्रेमी हुए सहभागी, फूल प्रेमियों द्वारा कृतियुक्त प्रशिक्षण की सराहना



ने प्रतिभागियों को शेवंती के लिये  
विशेष गमले बनाने और अच्छे से  
पालन पोषण करने का तंत्रज्ञान  
बताया. इस कार्यशाला की विशेषता  
वह थी कि विशेषज्ञों ने वर्तमान  
बागवानों की खेती और शेवंती के  
पालन-पोषण की शंकाओं का पूरी  
तरह से समाधान किया. गार्डन  
क्लब के अध्यक्ष डॉ. दिनेश  
खेडकर की अध्यक्षता में अंतिम  
चर्चासत्र में वरिष्ठ मार्गदर्शक प्राचार्य  
डॉ. वी.आर. घुरडे, डॉ. विलास  
देशमुख, प्रा. चंद्रशेखर देशमुख के  
साथ-साथ कार्यशाला के  
मार्गदर्शकों ने व्यापक और कई  
तकनीकी मुद्दों पर विस्तृत चर्चा की.

किरण नर्सरी एंड गार्डन के  
तांत्रिक सहयोग से और  
सहआयोजक शिवाजी विज्ञान  
महाविद्यालय, शिवाजी उद्यानविद्या  
महाविद्यालय व नरसम्मा हिरव्या  
महाविद्यालय के साथ विनायक  
विज्ञान महाविद्यालय नांदगाव  
खंडेश्वर, गो.सी. टोम्मे  
महाविद्यालय चांदूर बाजार, राजर्षि  
शाहू विज्ञान महाविद्यालय चांदूर  
रेलवे इन शैक्षणिक संस्थानों ने  
महत्वपूर्ण भूमिका अदा की.

सूत्र संचालन कार्यशाला  
समन्वयक डॉ. सुचिता खोडके और  
आभार प्रदर्शन आयोजन सचिव डॉ.  
उमेश कनेकर ने किया.

प्रतिनिधि, 3 अगस्त

**अमरावती-** अमरावती गार्डन  
क्लब ने रविवार को शेवंती रोपण  
और पालन तकनीक पर ऑनलाइन  
कार्यशाला का आयोजन किया था.  
शहर में हर साल गार्डन क्लब द्वारा  
विभिन्न कार्यशालाएं और  
प्रदर्शनकारी गतिविधियां आयोजित  
की जाती हैं. कोरोना के दमनकाल  
में एक खुशनुमा माहौल बनाने की  
क्लब की पहल को देश भर से भारी  
प्रतिसाद मिला.

गार्डन क्लब के विभिन्न  
प्रदर्शनों में बहुत सारे सुंदर फूल  
दिखाई देते हैं. इसमें सबसे ज्यादा  
आकर्षित करने वाले शेवंती पुष्प की  
विशेष प्रदर्शनी एवं स्पर्धा के.एम.  
शाह मेमोरियल शेवंती चषक के रूप

में आयोजन गार्डन  
क्लब द्वारा किया जाता है. प्रदर्शनी  
में चमकीले लाल, पीले, बैंगनी और  
सफेद रंग के शेवंती फूलों की तारीफ  
हजारों नागरिक करते हैं. यह प्रदर्शन  
एक जिज्ञासा पैदा करता है कि इस  
तरह के फूलों से लदे गमले अपने  
घर में भी कैसे खिलेंगे.

शेवंती के बारे में नागरिकों के  
प्यार और जिज्ञासा का सम्मान करने  
के साथ-साथ पिछली कार्यशालाओं  
के सुझावों पर गार्डन क्लब के  
कार्यकारी मंडल ने इस बार शेवंती  
प्रेमी नागरिकों के लिये कृति युक्त  
प्रशिक्षण प्रदान करने और शेवंती की  
खेती करने के लिए इस वर्ष चार  
सत्रों में इस ऑनलाइन कार्यशाला  
का आयोजन किया था. कार्यशाला

**बोन्साय, सिजनलस, हैंगिंग बास्केट, सक्युलेंट्स,  
कोलीएस, पुष्प रचना पर होगी कार्यशाला**

गार्डन क्लब के अध्यक्ष डॉ. दिनेश खेडकर ने कहा कि गार्डन क्लब  
ने कोविड बीमारी के संकट को एक अवसर में बदलकर राज्य भर में अपनी  
पहुंच का विस्तार किया है. भाग लेने वाले नागरिकों की सराहना से प्रेरित  
होकर, निकट भविष्य में बोन्साय, सिजनलस, हैंगिंग बास्केट, सक्युलेंट्स,  
कोलीएस, पुष्प रचना जैसे विषयों पर कार्यशाला आयोजित करने की योजना  
है. हर माह की पहली तारीख को उस महीने के लिए कार्यशालाओं की  
योजना क्लब की वेबसाइट पर उपलब्ध कराई जाएगी. वेबसाइट के संपर्क  
में रहकर जानकारी प्राप्त की जा सकती है. हर महीने की 1 तारीख को  
कार्यशाला की योजना क्लब की वेबसाइट पर नियमित रूप से दिखाई जाएगी.

के पहले सत्र में गार्डन क्लब सचिव  
डॉ. रेखा मण्गरीवार ने विभिन्न  
प्रकार की शेवंती पर महत्वपूर्ण  
जानकारी और पावर पॉइंट के

माध्यम से शेवंती पौधों की देखभाल  
कैसे करें, यह बताया. दूसरे सत्र में  
क्लब के उपाध्यक्ष सुभाष भावे और  
शेवंती कप के विजेता अनिल भोडे



## 7. Two Month Certificate Course On Garden Revitalizing Ideal Necessities – 2021




**Certificate Course in**  
**Garden Revitalizing Ideal Necessities**  
 1<sup>st</sup> August to 3<sup>rd</sup> October, 2021

**(GRIN)**

  
 Indian Rose Federation Affiliated  
**Amravati Garden Club, Amravati**

**Organizing Collaboration**

 **Shri Shivaji Science College,  
Amravati**

 **Shri Shivaji Horticulture College,  
Amravati**

**Technical Collaboration**

 **Vinayak Vidyan Mahavidyalaya,  
Nandgaon Kh.**

 **Rajarshree Shahu Science College,  
Chandur Railway**

  
**Kiran Nursery & Gardens, Amravati**

**www.agca.webs.com**



**Course Objectives :**

- Scientific development of Hobby
- Caring and Artistic Management
- Life cycles of plants
- Prepare and apply Bio-fertilizers
- Cultivation techniques
- Employability Skills
- Propagation method & use of plant hormones

**Multiple Entry – Exit Choice**

- Each Workshop as an Independent Certificate Course
- One Can Enrol for Complete Course or for single workshop

**Course Details :**

- Online registrations on official website
- Course Duration- Two Months
- Sessions- Every Sunday from 12:00 noon - 3:00 pm
- Live Virtual Sessions on Zoom
- Assignments submission time - One week- Sunday to Saturday

**Key Dates :**

- Help Desk- Monday to Saturday from 11:00 am to 5:00 pm
- The deadline for registration 30<sup>th</sup> July till 6:00pm
- Starting on 1<sup>st</sup> August 2021
- Ending on 3<sup>rd</sup> October 2021
- Total 210 Hrs.

**Certificate :**

- There are two requirements that must be met to get the Garden Revitalizing Ideal Necessities (GRIN) course certificate.
- Assignment Submission in the given timeline
- Class Attendance: 80% or higher for complete course and 100% for Individual workshops.
- Once you have successfully completed these 2 course requirements, you will receive certificate from the website [www.agca.webs.com](http://www.agca.webs.com)

**Course Structure :**

- Technical sessions - Scientific Information
- Practical sessions- Hands on Session
- Assignments Declaration
- Continuous and Consistent Evaluation
- No Examination

**For Online Payment :**

**Ac Name:** Dinesh Khedkar, **Acc.No:** 11062322797

**Branch:** SBI Gadgenagar; **IFSC:** SBIN0012011 **Micr:** 444002102

Paytm, Google Pay, Phone Pay, UPI at 9423622287

WHILE TRANSFERRING THE AMOUNT OF FEES PLEASE  
MENTION IN REMARK / COMMENT As "GRIN Course Fees"

**Fee Structure :**

Category	Complete workshop (Rs)	Individual workshop (Rs)
Students	300	100
AGC member	500	150
Professionals	1000	200

**Registration Links :**

<https://tinyurl.com/GRINCourse>



Scan QR for Registration

## Introduction.

Amravati Garden Club, Amravati is a pioneer organisation of the city working in creating an awareness and interest among the citizens towards the garden , plantation and conservation of indigenous varieties. The club has got a history of more than 40 yrs. With many renowned botanist and professional gardeners who have chaired the president ship of the club. Under such illustrative guidance and motivation garden club of Amravati has made a remarkable progress and have played a pivotal role in keeping up the spirit high during the tough times of COVID 19. The club has recently successfully concluded an ambitious two month long certificate course in Garden techniques. GRIN ( Garden revitalising ideal necessities).

## Motivation:

Amravati Garden Club has been receiving several requests from the members of the club and also from Non-members circle to organize a workshop for basic gardening techniques. However the request were not for one particular aspect of gardening but were diverse with few requesting workshops for succulents, while other requesting workshop for seasonal. It was then suggested by the past president of Garden club Dr Suchita Khodke to initiate a Certificate course instead of organising several individual workshop. The idea got huge appreciation from all the executives' members and was then meticulously planned during subsequent executive meetings.

## About the course:

Garden revitalizing ideal necessities a two month long certificate course was designed in accordance with the various aspect of gardening skills be it propagation, cultivation, caring , management and scientific know how. The other aspect that was taken care that regular work life balance should not be disturbed and hence it was planned that lectures and demonstration will be only conducted on Sundays. The next important part of the course was the beneficiaries of the course. It was thoughtfully decided that the course is definitely going to benefit the garden lovers but it will also imbibe a new set of skill in young students aspiring to work in the concern field of floriculture, horticulture or landscape designing. The unique feature of the course was multiple entries and exit scheme, here the participants were given freedom of choosing either a complete 2 months long course, after completion of which they would get a course completion of certificate while other option was that the participant could register for individual workshop and can have a certificate of workshop. This helped the participants to choose and learn specific skill set of their choice. Every Sunday workshop would start with power point presentation by expert followed by demonstration. Every session would conclude with an assignment for the participant which was not mandatory however it was more of a motivational exercise to promote more learning attitude among the participants. The biggest challenge was conduction of the course in online mode, meticulous planning and coordination among all the executive members and participants made it a very easy task. Amravati Garden club made an optimum use of social media and print media for disseminating the information about the course. The club received huge response not only from Maharashtra but all over india . A participants from Delhi , Kolkatta and Bangalore were regularly joining on Sunday that gave a great motivation to the organising team.

This herculean task of conducting the course for 2 months in a seamless manner was made possible only because of the associate and collaborative institutional members of Amravati Garden Club and their principals. Namely Principal Dr Alka Bhise ,Vinayak Vidnyan Mahavidyalya , Nandgaon Khandeshwar , Dr S.S.Thakre , Rajarshree Shau Science College , Chandur Railway, Dr Shashank Deshmukh , Shri Shivaji Horticulture College , Amravati , Dr G.N. Chaudhari , Shri Shivaji Science College , Amravati.Also Prof Dr C.M Deshmukh , Past president of AGC, Amravati and Associate Professor at Agriculture college , Amravati showed huge support during conduction of the events

Inauguration of the GRIN Certificate course was carried out by Dr P.K.Nagare , Dean Dept. of Horticulture , Dr P.D.K.V Akola.

The valedictory event was conducted on 3<sup>rd</sup> October 2021. The chief guest of the event was Dr V.M Bhale Vice chancellor of Dr. P.D.Krishi Vidyapeeth, Akola. The president of the event was Dr Dinesh Khedkar. The event was also blessed by guest of honour Dr Alka Bhise, Principal Vinayak Vidnyan Mahavidyalya, Nandgaon (kh) along with the convener of the course Dr Suchita Khodke and Dr Rekha Maggerwar. The valedictory event was conducted after the conclusion of last days workshop no 10 Career and Entrepreneurship opportunities, the speaker for this topic were Dr Sachin Brhamankar and Dr Umesh Kanerkar. They gave a very insightfuk talk on the topic and shared valuable links with the students and participants.

Dr V.M Bhale delivered his speech online using zoom platform, he was very happy about overall organisation of the course and he categorically mentioned that such course are need of a time as during COVID time it has been learnt that agriculture sector was aong the few sector which have served the nation during the ough times. He also insisted on gaining technical knowledge on agricutlre and garden practices through such courses and thus he congratulated the whole team of garden club for organisation of the event.

#### YouTube Links to the Workshops conducted under GRIN Course

<b>Workshop 1: Modes of Propagation</b>	<a href="https://www.youtube.com/watch?v=z0MZfr_hr1E&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=10&amp;t=10812s">https://www.youtube.com/watch?v=z0MZfr_hr1E&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=10&amp;t=10812s</a>
<b>Workshop 2: Blooming Chrysanthemum</b>	<a href="https://www.youtube.com/watch?v=NEpyI9woRZM&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=1&amp;t=9s">https://www.youtube.com/watch?v=NEpyI9woRZM&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=1&amp;t=9s</a>
<b>Workshop 3: Bulking Decorative Foliage Plants</b>	<a href="https://www.youtube.com/watch?v=Rdi_DmM1NpY&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=9&amp;t=2878s">https://www.youtube.com/watch?v=Rdi_DmM1NpY&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=9&amp;t=2878s</a>
<b>Workshop 4: Artistic Arrangements</b>	<a href="https://www.youtube.com/watch?v=Z91xoA4EokQ&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=8">https://www.youtube.com/watch?v=Z91xoA4EokQ&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=8</a>
<b>Workshop 5: Art of Bonsai</b>	<a href="https://www.youtube.com/watch?v=JUqOYClagE&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=7&amp;t=7727s">https://www.youtube.com/watch?v=JUqOYClagE&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=7&amp;t=7727s</a>
<b>Workshop 6: Cultivation of Succulents, Cacti and Adenium Part - II</b>	<a href="https://www.youtube.com/watch?v=wIX9ToSp_M0&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=6&amp;t=14s">https://www.youtube.com/watch?v=wIX9ToSp_M0&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=6&amp;t=14s</a> <a href="https://youtu.be/lq6Onl8Gllk">https://youtu.be/lq6Onl8Gllk</a>
<b>Workshop - 7 Magnificent Cultivation of Seasonals and Hanging</b>	<a href="https://www.youtube.com/watch?v=jtHMIbTbpKQ&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=5&amp;t=4666s">https://www.youtube.com/watch?v=jtHMIbTbpKQ&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=5&amp;t=4666s</a>
<b>Workshop 8: Interior hard and soft scaping</b>	<a href="https://www.youtube.com/watch?v=s_exa1Os4Ko&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=4&amp;t=3706s">https://www.youtube.com/watch?v=s_exa1Os4Ko&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=4&amp;t=3706s</a>
<b>Workshop 9: Garden Planning and Management</b>	<a href="https://www.youtube.com/watch?v=9pM-zv3WegI&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=3">https://www.youtube.com/watch?v=9pM-zv3WegI&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=3</a>
<b>Workshop - 10 and Valedictory Function</b>	<a href="https://www.youtube.com/watch?v=XmaHUBPc-tM&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=2&amp;t=8103s">https://www.youtube.com/watch?v=XmaHUBPc-tM&amp;list=PL-EoBHCRZvaHtrkRJwrTAbbgXwZgzvai6&amp;index=2&amp;t=8103s</a>



# Invitation



Indian Rose Federation Affiliated  
**Amravati Garden Club, Amravati**

## Inauguration of

### Certificate Course in **Garden Revitalizing Ideal Necessities (GRIN)**

**1<sup>st</sup> August, 2021 | Time : 12.00 noon**



#### INAUGURATOR

**Dr. P. K. Nagre**  
Dean, Dept. of Horticulture,  
Dr. P. D. K. V., Akola

#### COURSE PATRONS

**Prof. C. M. Deshmukh**  
Ex - President and Advisor  
Amravati Garden Club

**Dr. G. N. Chaudhari**  
Principal,  
Shri Shivaji Science College,  
Amravati

**Dr. Alka Bhise**  
Principal,  
Vinayak Vidyan Mahavidyalaya,  
Nandgaon Kh.

**Dr. S. S. Thakare**  
Principal,  
Rajarshee Shahu Science College,  
Chandur Rly.

**Dr. Shashank Deshmukh**  
Principal,  
Shri Shivaji Horticulture College,  
Amravati

**Shri Subhash Bhawe**  
Director  
Kiran Nursery & Gardens  
Amravati

#### COURSE CONVENERS

**Dr. Dinesh Khedkar**  
President, Amravati Garden Club &  
Professor in Botany  
Shri Shivaji Science College Amravati

**Dr. Rekha Maggirwar**  
Secretary, Amravati Garden Club &  
Associate Professor in Botany  
Shri Shivaji Science College Amravati

**Dr. Suchita Khodke**  
Ex- President and Advisor, Amravati Garden Club &  
Asst. Professor in Botany,  
Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.

[www.agca.webs.com](http://www.agca.webs.com)

Indian Rose Federation Affiliated


**Amravati Garden Club,  
Amravati**
*Invitation*

## Certificate Course in Garden Revitalizing Ideal Necessities

**1<sup>st</sup> August to 3<sup>rd</sup> October, 2021**


## Valedictory Function

**Date : 3<sup>rd</sup> October, 2021 at 2 pm**
**Chief Guest**
**Hon'ble Dr. V. M. Bhale**

 Vice Chancellor, Dr. Panjabrao Deshmukh  
Krushi Vidyapeeth, Akola

**President**
**Dr. Dinesh Khedkar**

President, Amravati Garden Club, Amravati

**Course Conveners**
**Dr. Rekha Maggirwar**

Secretary, Amravati Garden Club, Amravati

**Dr. Suchita Khodke**

 Ex-President & Advisor, Amravati Garden Club,  
Amravati

### Co-Organizer



Shri Shivaji Science College, Amravati



Shri Shivaji Horticulture College, Amravati



Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.



Rajarshree Shahu Science College, Chandur Railway

### Collaborating Institute



N.E.S. Science College, Nanded



Brijlal Biyani College, Amravati



Shri Shivaji Science and Art College, Chikhali



Vidya Bharati Mahavidyalaya, Amravati



Mahatma Jyotiba Fule Mahavidyalaya, Amravati

### Technical Collaboration



Kiran Nursery &amp; Gardens, Amravati


 Join our Cloud HD Video Meeting :  
<https://tinyurl.com/GRINZoom>

 Meeting ID: 818 0247 9928  
 Passcode: GRIN

 For more details visit :  
[www.agca.webs.com](http://www.agca.webs.com)





सांख्य दैनिक अमरावती दर्पण

अमरावती

## अमरावती गार्डन क्लबके दो माह सर्टिफिकेट कोर्स का समापन

- ♦ युवा बागवानी के क्षेत्र में करियर बनाएं और कई लोगों को रोजगार दें : डॉ. विलास भाले, कुलपति
- ♦ उद्यानविद्या शाखा के कौशल्य देनेवाला पाठ्यक्रम

अमरावती गार्डन क्लब ने 1 अगस्त से 3 अक्टूबर तक सभी उद्यान प्रेमियों, छात्रों और गृहिणियों के लिए गार्डन रिवाइटाइजिंग आइडियल नैसिटीज (तंत्रबद्ध) पर दो महीने का सर्टिफिकेट कोर्स आयोजित किया था। श्री शिवाजी विज्ञान महाविद्यालय, अमरावती; श्री शिवाजी उद्यानविद्या महाविद्यालय, अमरावती; विनायक विज्ञान विद्यालय, नांदगाव खंडे; राजर्षी शाहू विज्ञान महाविद्यालय, चांदूर रेल्वे इनके सहयोगसे एवं किरण नर्सरी आणि गार्डनस, अमरावती की तकनीकी सहाय्यता से यह पाठ्यक्रम पुरा

हुवा। कोर्स का समापन अमरावती गार्डन क्लब के अध्यक्ष डॉ. दिनेश खेडकर की अध्यक्षता में डॉ. पंजाबराव देशमुख कृषि विश्वविद्यालय के सम्माननीय कुलपति डॉ. विलास भाले की मुख्य उपस्थितिमें संपन्न हुआ। इस कार्यक्रम ने दस प्रतिभागियों को बेह परफॉर्मर अवार्ड से पूरे पाठ्यक्रम में लगातार भागीदारी और उत्कृष्ट प्रस्तुति के लिये सम्मानित किया। श्री सुभाष भावे, उपाध्यक्ष, गार्डन क्लब, डॉ. शशांक देशमुख, प्राचार्य, कोषाध्यक्ष, मंचासीन थे। इस अवसर पर प्रतिभागियों को संबोधित करते हुए कुलपति

डॉ. विलास भाले ने गार्डन क्लब की शैक्षिक क्षेत्र में इजाजत करणे की पहल की सराहना की। वर्तमान में, कौशल आधारित शिक्षा की भारी आवश्यकता है, जिसके लिए विशेषज्ञ सलाहकारोंने छात्रों को कौशल से लैस करने के लिये कार्य करना चाहिये यह विचार व्यक्त किया। उन्होंने युवाओं से बागवानी के क्षेत्र में करियर बनाने और इस पाठ्यक्रम से प्राप्त ज्ञान का उपयोग कर कई लोगों को रोजगार प्रदान करने की अपील की। दिनेश खेडकर ने अपने अध्यक्षीय भाषण में कहा कि इस परियोजना के पीछे मुख्य उद्देश्य बागवानी के क्षेत्र में कुशल पेशेवरों



की कमी को पूरा करना है। प्रत्येक विषय में विशेषज्ञने उनकी कड़ी मेहनतसे प्रतिभागियों को व्यावहारिक अनुभव देने हेतु किये प्रयासों के लिए धन्यवाद दिया। इस अवसर पर क्लब की पूर्व अध्यक्ष डॉ. सुचिता खोडके के समन्वय से सिद्ध हुये पुस्तक का प्रकाशन मुख्य अतिथि ने किया।

इसमे देश भर के विशेषज्ञों के लेख शामिल हैं। क्लब की सचिव डॉ. रेखा मण्गीरवार ने कार्यक्रम की शुरुआत में पूरे पाठ्यक्रम की समीक्षा कर सभी को सारांश दिया। हर रविवार को दोपहर 12 बजे से 3 बजे तक वैज्ञानिक जानकारी पर मार्गदर्शन और प्रात्यक्षिक सत्र आयोजित किए

गए। भाग लेने वाले नागरिकों ने प्रत्येक सप्ताह कार्यशालाओं पर आधारित विषयों पर अपनी रचनाएँ प्रस्तुत कीं। कुल मिलाकर यह सर्टिफिकेट कोर्स दस सत्रों में पास हुआ। इस कोर्स में देश भर से बड़ी संख्या में बागवानी विशेषज्ञ, छात्र, गृहिणियां, नर्सरी मालिक, कॉर्पोरेट और कृषि इच्छुक, इंटीरियर डेकोरेटर, इंटीरियर डिजाइनर, आर्किटेक्ट और विभिन्न पेशेवरों ने भाग लिया। कार्यक्रम का संचालन डॉ. गजेंद्र पचलारे ने किया। गार्डन क्लब कार्यकारी परिषद सदस्य डॉ. गणेश हेडाऊ, डॉ. उमेश कनेरकर, प्रा. मयूर गावंडे, श्री अनिल भोडे और सलाहकार समिति के सभी सदस्यों ने इस दो माह चले उपक्रम में महत्वपूर्ण भूमिका निभाई।



## ■ अमरावती गार्डन क्लबच्या

# दोन महिन्यांच्या प्रमाणपत्र अभ्यासक्रमाचा थाटात समारोप

प्रतिनिधी/७ ऑक्टोबर

**अमरावती :** अमरावती गार्डन क्लबने १ ऑगस्ट ते ३ ऑक्टोबर दरम्यान सर्व बाग प्रेमी, विद्यार्थी व गृहिणी यांच्या करिता गार्डन रिवायटलायझिंग आयडीयल नेसेसिटीज या विषयावर दोन महिन्यांचा सर्टिफिकेट कोर्स आयोजित केला होता. श्री शिवाजी विज्ञान महाविद्यालय, श्री शिवाजी उद्यानविद्या महाविद्यालय, विनायक विज्ञान विद्यालय, नांदगाव खंडे; राजर्षी शाहू विज्ञान महाविद्यालय, चांदूर रेल्वे यांच्या सहयोगाने तसेच किरण नर्सरी आणि गार्डनस, अमरावती यांच्या तांत्रिक मदतीने हा अभ्यासक्रम पूर्ण करण्यात आला.

या कोर्सचा समारोप अमरावती गार्डन क्लबचे अध्यक्ष डॉ दिनेश



खेडकर यांच्या अध्यक्षतेत तसेच डॉ पंजाबराव देशमुख कृषी विद्यापीठाचे सन्माननीय कुलगुरू डॉ. विलास भाले यांच्या मुख्य उपस्थितीत पार पडला. या कार्यक्रमात संपूर्ण कोर्स मध्ये सातत्यपूर्ण सहभाग आणि उत्कृष्ट सादरीकरण करणाऱ्या दहा सहभागींचा 'बेस्ट परफॉर्मर अवार्ड' प्रदान करून सन्मान करण्यात आला. गार्डन क्लबचे उपाध्यक्ष सुभाष भावे, कोषाध्यक्ष प्राचार्य डॉ.शशांक देशमुख व्यासपिठावर उपस्थित होते. या निमित्ताने

सहभागींशी संवाद साधतांना कुलगुरू डॉ. विलास भाले यांनी गार्डन क्लबच्या शैक्षणिक क्षेत्रात भर घालणाऱ्या या पुढाकाराचे कौतुक केले. क्लबच्या सचिव डॉ.रेखा मंगीरवार यांनी कार्यक्रमाच्या सुरुवातीला संपूर्ण कोर्सचा आढावा घेत उपस्थितांसमोर सारांश सादर केला. संचलन डॉ गजेंद्र पचलोरे यांनी केले. यावेळी गार्डन क्लबचे कार्यकारी परिषदेचे सदस्य डॉ गणेश हेडाऊ, डॉ उमेश कनेरकर, प्रा.मयूर गावंडे, अनिल भोंडे उपस्थित होते.

## 8. हे सुरांनी चंद्र व्हा – Cultural Eve on 22 Oct. 2021

कोरीनाच्या निशेचे ढग हटवू, झाले गेले विश्रुत जाऊ,

**कोजागिरी आणि ईद-ए-मिलाद**

च्या पावन पर्वावर शत्री शुभ्र चांदण्यात व्हाऊ !!!

# हे सुरांनी चंद्र व्हा

## स्नेहमिलन सोहळा

कार्यक्रमाचे अंतरंग

**संगीत मैफिल । सत्कार समारंभ । पुस्तक विमोचन  
प्रमाणपत्र वितरण । स्नेहभोज**



अमरावती नगरीचे कलावैभव, गजलरत्न

**डॉ. राजेशजी उमाळे**

यांची बहारदार संगीत मैफिल

शुक्रवार, दि. २२ ऑक्टोबर, २०२१ । वेळ : सायंकाळी ७ वा. ते १० वा.पर्यंत

स्थळ : श्री शिवाजी विज्ञान महाविद्यालय, अमरावती

कार्यक्रमात सहभागी होण्यासाठी देणगी निधी भरून नोंदणी आवश्यक

नोंदणीकरीता लिंक : <https://tinyurl.com/sneh-milan-sohala>

अमरावती गार्डन क्लब संकेतस्थळ : [www.agca.webs.com](http://www.agca.webs.com)



- आथोजक -

**अमरावती गार्डन क्लब, अमरावती**











Nanomaterials Laboratory, I &amp; PC Section, CSIR-Indian Institute Of Chemical Technology, Hyderabad



Shri Shivaji Education Society, Amravati's  
**Shri Shivaji Science College**  
Shivaji Nagar, Morshi Road,  
Amravati-444603, India  
(NAAC Accredited with "A" Grade with CPE status)

**Dr. G. N. CHAUDHARI**  
Nano Technology Research Laboratory  
Department of Chemistry

Ref. No. : Nano/ 279 /2016

Date: 21/12/2016

To,  
Dr. S.V. Manorama  
Nanomaterials Laboratory  
Inorganic and Physical Chemistry Division  
Indian Institute of Chemical Technology  
Hyderabad

Sub: Visiting your laboratory for discussion

Dear Madam,

I am coming to IICT, Hyderabad on 28<sup>th</sup> December 2016 for the discussion about to joint project proposal to be submitted to DST the financial assistance and also to discuss about the sanctioned Major Research project by UGC.

So I kindly request to provide me guest house facility for 28<sup>th</sup> and 29<sup>th</sup> December 2016.

Thanking you

Yours faithfully

G. N. Chaudhari

*Dr. G. N. Chaudhari*  
Professor & Head  
Dept. of Chemistry  
Shri Shivaji Science College,  
Amravati-444603 (M.S.)

E-mail : gnchau@rediffmail.com  
cgnroa@yahoo.com

Phone No. 0721 2660255  
Mobile: 09423425052



INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY  
(Council of Scientific & Industrial Research)  
Hyderabad-500 007, INDIA



Dr. Sunkara V Manorama  
Chief Scientist,  
Department of Polymers and Functional Materials.

December 8, 2017

### To Whomsoever it may concern

As a part of the collaborative research program between CSIR-IICT and Shri Shivaji Science College, Amravati, Maharashtra, the following research students have visited CSIR-IICT during 4-8 December 2017 and spent time in the Nanomaterials Laboratory, working on the synthesis of nanomaterials.

1. Miss Pranali Kale
2. Miss Minal Taiwade

(Dr. Sunkara V Manorama)

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Ph. no: +91-40-27193225 (Office) Fax: +91-40-27193991. E-mail: [manorama@iict.res.in](mailto:manorama@iict.res.in)





INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY  
(Council of Scientific & Industrial Research)  
Hyderabad-500 007, INDIA



Dr. Sunkara V Manorama  
Chief Scientist,  
Department of Polymers and Functional Materials,

August 10, 2018

### To Whomsoever it may concern

As a part of the collaborative research program between CSIR-IICT and Shri Shivaji Science College, Amravati, Maharashtra, the following research students have visited CSIR-IICT during 6-10 August 2018 and spent time in the Nanomaterials Laboratory, working on the synthesis of nanomaterials.

1. Miss Pranali Kale
2. Miss Minal Taiwade

(Dr. Sunkara V Manorama)

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Ph. no: +91-40-27193225 (Office) Fax: +91-40-27193991. E-mail: [manorama@iict.res.in](mailto:manorama@iict.res.in)

# Final Report

*Youth-led Sustainable Development Programme (YLSDP) in Higher Educational Institutions*

## **Exploration for Entrepreneurship Opportunities for students and Skill Development for establishment of Small Business**

**5<sup>th</sup> to 7<sup>th</sup> March, 2016**

*Supported by*

**RAJIV GANDHI NATIONAL INSTITUTE OF YOUTH DEVELOPMENT**

**Beemanthangal**

**Sriperumbudur – 602 105, Tamil Nadu, India**

### **In Collaboration with**

**Maharashtra Centre for Entrepreneurship Development, Amravati Division**

**Vinayak Vidyamandir Mahavidyalaya, Amravati**

**Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar**

**Organized By**



**Shri Shivaji Science College**

**Shivaji Nagar, Nagpur Road, Amravati (MS) India – 444602**

**0721-2660855 Fax: 0721-2665485**

**e-mail id: [shivajiscamt@gmail.com](mailto:shivajiscamt@gmail.com)**

**College Website: [www.shivajiscamt.org](http://www.shivajiscamt.org)**



## 5th – 7th March, 2016



**Jointly organized by**



Shri Shivaji Education Society, Amravati's  
**Shri Shivaji Science College**  
 NAAC Reaccredited by Grade "A" and A College with Potential for Excellence  
**Shivaji Nagar, Morshi Road**  
**Amravati – 444 603, Maharashtra**

Hosted by

**Career Counseling & Coaching at Entry Level Competitive Exam Cell**  
**Shri Shivaji Science College, Amravati**

**MARCH TORCH**  
To the successful Entrepreneur



**In collaboration with**  
**Maharashtra Centre for Entrepreneurship Development (MCED), Amravati,**  
**Vinayak Vidyamandir Mahavidyalaya, Amravati**  
**Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar**

**EDITOR: DR. D. D. KHEDKAR**





**RAJIV GANDHI NATIONAL INSTITUTE OF YOUTH DEVELOPMENT**  
**(Institution of National Importance by the Act of Parliament No. 35/2012)**  
**Ministry of Youth Affairs & Sports**  
**Government of India**  
**Sriperumbudur – 602 105, Tamil Nadu.**

**Youth-Led Sustainable Development Programme (YLSDP)**

Title of the Programme

**Exploration for Entrepreneurship Opportunities for students and Skill Development for establishment of Small Business**

**REPORT ON THE PROCEEDINGS OF THE ACTIVITY**

*(Please furnish a Report on the proceedings of the activity under the following sub-headings, in two or three pages)*

1. **Name and address of the college** : Shri Shivaji Science College,  
Shivaji Nagar, Amravati 444603(MS)
2. **Type & Format of the Activity** : Youth-Led Sustainable Development  
Programme (YLSDP)
3. **Title of the Activity** : Exploration for Entrepreneurship  
Opportunities for students and Skill  
Development for establishment of  
Small Business
4. **Dates** : from 5<sup>th</sup> March to 7<sup>th</sup> March, 2016
5. **Venue** : Shri Shivaji Science College, Amravati
6. **Need for the Activity** : Difficult situation for the students to  
built their career

**7. Objectives of the Activity :**

The was aimed to achieve the following objectives –

- 1.To instil entrepreneurship attitude in the students
- 2.To understand Entrepreneurship as a powerful tool for Women Empowerment
- 3.To cater need of students to explore means of earnings to maintain livelihood
- 4.To open up vistas in some small scale businesses
- 5.Capacity building by skill development to establish some identified small businesses
- 6.To support & guide students to obtain assistance in expertise, finance, resources, etc.
- 7.To provide knowledge about opportunities & support for government
- 8.To understand the various Global Policies and Innovation to Foster Skill Development

**8. Proceedings of the Activity**

*(Not exceeding 500 words giving details of session –wise activities)*

The programme was scheduled to be inaugurated at the hands of Dr. Mrs. S. A. Kalkar, Joint Director (Higher Education) Amravati Division, Amravati. The study material in the form of souvenir entitled as “March Torche – To a successful Entrepreneurship” was released on this occasion.

It was three days’ activity planned with four sessions per day:

**Day 1:** Entrepreneurship Awareness and Business Management Strategies

**Day 2:** Opportunities to establish Small businesses and Personality Traits to Polish for a successful Businessman

**Day 3:** Role of DIC in Foundation of Small Scale Business and Guidance to Prepare Proposal for Financial assistance from different agencies

Activity was concluded in presence of Mrs. A Kiran Paturkar, President MIDC Association, Amravati District.

**9. Number of total students participated :**

	Total Number of Participants		
	M	F	Total
SC	54	102	156
OBC	22	65	87
OPEN	8	18	26
ST	4	1	5
NT	4	3	7
SBC	0	1	1
VJ	2	0	2
<b>Total</b>	<b>94</b>	<b>190</b>	<b>284</b>

**10. Number of total resource persons participated: 10**



**11. Highlights of the students' participation:**

- a. Students participation was from all three institutions viz. Shri Shivaji Science College, Amravati; Vinayak Vidyamandir Mahavidyalaya, Amravati and Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist: Amravati
- b. Major participation was of the girls
- c. 156 Students from Scheduled Cast have participated
- d. Maximum students participated in the programme were from rural area around the city of Amravati
- e. Students from other categories and economically backward students from the General category were also included in the programme
- f. Students actively participated and interacted with the resource persons
- g. The study material including a booklet containing synopsis of the talks delivered by resource person, notepad, pen, breakfast/lunch coupons and folder were given to every participant.

**12. Highlights of the student and resource person feedback****a. Feedback from the students:**

The form in the prescribed format was provided to every participant. In the icebreaking session feedback form was discussed and explained to all and given an instruction to fill in all entries in the same and return completely filled form to the organizers before leaving the programme. Following are some of the highlighting points mentioned by participants in their feedback -

- i. The program was highly appreciated by all the participants.
- ii. Most of the students felt that, the program should be of seven-day long.
- iii. Resource persons were from different areas and covered respective topics at length.
- iv. Almost all the resource persons ranked to excellent by all participants.
- v. The hospitality given by organizers was also appreciated.
- vi. Participants marked that planning and execution of the session as good.
- vii. Methodology adopted to provide guidance was innovative and has the practical utility.
- viii. Reading material provided was upto mark.
- ix. Students have listed following activities to take up –
  1. Self SWOT analysis of
  2. Review of the market to find out needs of the public and availability of the services
  3. Search to find funding opportunities
  4. Learn skills required to be entrepreneur

5. Start with some small business giving some income
- x. Logistic arrangements were reported as good.
- xi. For improvement of the similar program following suggestion were give –
  1. Increase the duration of the program
  2. Gap between sessions should be there
  3. Resource person from Banking sector should be there
  4. The group size should be small
  5. Session should be in local language
- xii. The specific learning taken place during the program was to make participants confident to be a successful businessman

**b. Feedback from Resource Persons:**

- i. Almost all the resource persons appreciated the program and its theme
- ii. Its unique and only effort made at college level by this institution
- iii. Such program should be organized more frequently for students
- iv. Colleges should cultivate this attitude amongst the students
- v. Suggested that the group of student should be small
- vi. Personal talk should be made possible
- vii. Funding opportunities for students should be explored and informed to the them
- viii. Highlighted entrepreneurship as the best option available for students to settle their life, because now a days jobs are not available to anyone
- ix. Parent counselling is necessary to inculcate, because, major obstacle in the path of entrepreneur development is the society in general and parent in particular
- x. Success stories of the entrepreneur should be shared with the students

**13. Learning outcomes of the Activity**

- a. Confidence to become a successful entrepreneur
- b. Opportunities available in different sectors
- c. Skill required to start with a small business
- d. Major obstacles in setting any small business
- e. Personality traits need to polish



- f. Preparation of the proposals to submit to the funding agencies
- g. Funding schemes available from the government

#### 14. Highlights of the Activity

- a. Besides imparting formal education, it's a unique activity and only effort made by conventional college
- b. Resources from varied fields were involved
- c. Involvement of three different institutions working in rural and urban area
- d. Diverse participation of the students
- e. Participation of Maharashtra Centre for Entrepreneurship Development, Amravati Regional Centre, brought technical and standard procedure to develop a successful entrepreneur
- f. Guidance from different stakeholders of the Higher Education System was organized
- g. High profile resource persons interacted with the participants
- h. The detailed program planned and executed is as follows -

Youth-Led Sustainable Development Programme  
 “Exploration of Entrepreneurship Opportunities for Students and Skill Development for Establishment of Small Business”  
 Jointly Organized by Rajiv Gandhi National Institute of Youth Development, Sriperumbudur and Shri Shivaji Science College, Amravati, MS  
 5<sup>th</sup> March to 7<sup>th</sup> March, 2016

DETAILS OF SESSIONS ALONG WITH TOPIC AND RESOURCE PERSON FOR EACH SESSION			
Session	Time	Resource Person	Topic
<b>Day – 1: 5<sup>th</sup> March, 2016</b>			
	9.00 – 10.00	<b>Registration and Breakfast</b>	
	10.00 – 11.00	President: Adv. Arun Shelke, President, Shri Shivaji Education Society, Amravati Chief Guest: Mr. Kiran Gitte, Collector, Amravati Guest of Honour: Dr. S. A. Kalkar, JD (HE), Amravati	Inaugural Ceremony
I	11.00 – 12.00	Dr. A. S. Dabir, Regional Officer MCED, Amravati	Entrepreneurial Personality Development Perspective – Make in Maharashtra Movement
II	12.00 – 1.30	Dr. Pallavi Mandaogade, Director, MBA, G. H. Raisoni College, Amravati	Skill Development and Avenues Open for Women to Establish Small Scale Business
<b>Lunch Break</b>			
III	2.30 – 4.00	Dr. D. D. Khedkar, Associate Professor, and Convener, Career Cell, Shri Shivaji Science College, Amravati	Ice Breaking: Overview and Pre-programme Feedback
IV	4.00 – 5.30	Mr. G. S. Gupta, Project Officer, MCED, Amravati	Marketing Strategies for Effective Small Scale Industries
<b>Day – 2: 6<sup>th</sup> March, 2016</b>			
V	11.00 – 12.00	Mr. Piyush Joshi, Brand and Advertising Consultant	Opportunities to establish Small businesses
VI	12.00 – 1.30	Founder- Winsome Advertising, Fulur, Amravati	Business Management Strategies
<b>Lunch Break</b>			
VII	2.30 – 4.00	Mr. Prashant Choudary, Yashada National trainer, RTI Faculty	Personality Traits to Polish for A Businessman
VIII	4.00 – 5.30	Dr. H. S. Chandak, Associate Professor in Chemistry G. S. College, Khamgaon	“Capacity Building in Youth Envisaged in National Youth Policy of India”
<b>Day – 3: 7<sup>th</sup> March, 2016</b>			
IX	11.00 – 12.00	Dr. G. R. Shekapure, President, Knowledge Development Centre, Amravati	Role of DIC in Foundation of Small Scale Business
X	12.00 – 1.30	Dr. Rajeev Sadan, Principal, Nehru Mahavidyalaya, Ner Parso.	Proposal for Financial assistance from different agencies
<b>Lunch Break</b>			
XI	2.30 – 4.00	Mr. C. M. Deshmukh, Asso. Prof. Shri Shivaji Agriculture College, Amravati	Opportunities in Agriculture based Industries
	4.00 – 5.00	President: Dr. V. G. Thakare, Principal, Shri Shivaji Science College, Amravati Chief Guest: Mr. Kiran Paturkar, President, MIDC Association, Amravati Guest of Honour: Mrs. Sulbhatai Khodke, President, Pravin Khodke Memorial Trust, Amravati	Valedictory Function
	5.00 – 6.00	<b>Certificate Distribution</b>	

### 15. Suggestions to RGNIYD, if any

- We appreciate an effort of RGNIYD to uplift the social downtrodden strata of the society by organizing variety of the events.
- Such programmes must be planned for a yearlong activity instead of one activity for 2-3 days.
- In any one of the event, if we select any one of the caste-category beneficiary group then it creates biased environment in any educational institution imparting same education to all.
- It will be better to involve all the aspiring students from any social background.
- RGNIYD may form a database of the good resource persons in various field to be used in different programmes.

*Dr. D. D. Khedkar*

**Dr. D. D. Khedkar**

Name & Signature of Activity Coordinator



College Seal

*Principal*  
**Principal**  
 Shri Shivaji Science College  
 Amravati.  
 (Signature with Seal)



**Amravati Start Up Business Plan Competition 2019: Awareness Programme: 29<sup>th</sup> August, 2019.**

Amravati Startup Business Plan Competition was launched by Innovation Council under the Govt of Maharashtra. To enrich students with innovative ways to enter into entrepreneurship, “An Awareness Programme on Students Innovations and Start-up Ecosystems” was organized on 29<sup>th</sup> August, 2019. Dr. Sanjay Jagtap, Joint Director, HE, Amravati and Dr. Dinesh Suryanvanshi, Management Council Member, Sant Gadgebaba Amravati University, Amravati, shared important line of thought to develop the mindset of the students towards positive thinking about innovative ideas leading towards successful business ventures.



**श्री शिवाजी विज्ञान महाविद्यालय, अमरावती**  
**व्यवसाय व स्पर्धा परीक्षा मार्गदर्शन कक्ष**  
**सूचना**

बीएससी व बीसीए (अंतिम वर्ष) आणि एमएस्सी भाग एक व दोनच्या सर्व विद्यार्थ्यांना सूचित करण्यात येते कि, महाविद्यालयाच्या **व्यवसाय व स्पर्धा परीक्षा मार्गदर्शन कक्ष**च्या वतीने विद्यार्थ्यांना येत्या विद्यार्थ्यांच्या नाविन्यपूर्ण संकल्पनांवर आधारित **अमरावती स्टार्ट अप बिझिनेस प्लान कॉम्पिटिशन २०१९** संदर्भात मार्गदर्शन सत्र आयोजित करण्यात आले आहे. कार्यक्रमाचा तपशील खालीलप्रमाणे-

**दिनांक:** गुरुवार, २९ ऑगस्ट २०१९

**वेळ:** दुपारी ३.४० वाजता

**स्थळ:** मुख्य सभागृह, ग्रंथालयाच्यावर

१. **मा. डॉ. संजय जगताप**, सहसंचालक (उशि), अमरावती विभाग, अमरावती

२. **मा. डॉ. डी. व्ही जाधव**, सहसंचालक (तंत्र शिक्षण), अमरावती विभाग, अमरावती

या कार्यक्रमासाठी ३.४० वाजता संबंधित विद्यार्थी ज्या वर्गामध्ये असतील तेथून शिक्षकांनी थेट मुख्य सभागृहात घेऊन यावे.



**दिनांक:** २२ ऑगस्ट, २०१९.

**प्राचार्य**

श्री शिवाजी विज्ञान महाविद्यालय, अमरावती

**प्रती**

**मा. प्राध्यापक वृंद,**

सदर कार्यक्रमासाठी आपण स्वतः सभागृहात हजर राहावे.



**प्राचार्य**

श्री शिवाजी विज्ञान महाविद्यालय, अमरावती

माहिती व उचित कार्यवाहीसाठी प्रत:

१. समन्वयक व समिती सदस्य, व्यवसाय व स्पर्धा परीक्षा मार्गदर्शन कक्ष
२. संचालक, शारीरिक शिक्षण विभाग
३. समन्वयक, राष्ट्रीय सेवा योजना
४. समन्वयक, राष्ट्रीय छात्र सेना
५. **कार्यालय अधीक्षक:** प्राचार्य कक्ष, सभागृह व्यवस्था तसेच ध्वनी व्यवस्था नियोजन ठेवणे.
६. सूचना विद्यार्थ्यांसाठी, ग्रंथालय, उपहारगृह तसेच इतर सूचना फलकावर

Amravati Municipal Corporation, Amravati

Shri Shivaji Science College, Amravati.  
 Inward No. 9941  
 Date : 16/9/15  
 To whom Marked.....  
 Date of Compliance.....

### अमरावती महानगरपालिका अमरावती

कार्यालय :- महानगरपालिका, अमरावती

जा. क्रं. अमनपा/पर्यावि / 403 / 2015.

दिनांक :- 16/9/15

प्रति,

✓ प्राचार्य,

श्री. शिवाजी विज्ञान महाविद्यालय,  
 मोशी रोड अमरावती.

**विषय :-** शहरातील ध्वनीप्रदुषण देखरेख कार्यक्रमांमध्ये सहभागी होण्याबाबत.

**संदर्भ :-** आपले कार्यालयाचे दि. 6/9/15 चे पत्र.

उपरोक्त संदर्भीय विषयाचे अनुषंगाने आपण अमरावती महानगरपालिका क्षेत्रातील ध्वनीप्रदुषण देखरेख व तत्सम कार्यक्रमांमध्ये सहभागी होण्याकरीता सामजस्य करार करण्याकरीता मसुदा सादर केला आहे. सदरहु सामजस्य करार मा. आयुक्त यांनी स्वाक्षांकित केला असून समाजस्य कराराची एक प्रत आपणाकडे पाठविण्यात येत आहे.

कराराचे अनुषंगाने ऐवू घातलेल्या गणेशोत्सवादरम्यान ध्वनी प्रदुषणाबाबतची तपासणी करून त्याबाबतची आकडेवारी या कार्यालयास उपलब्ध करून द्यावी. हि विनंती.

**धन्यवाद !**

*Kim*  
16/9/15

HOD  
Envis. Sc  
16.9.15

पर्यावरण संवर्धन अधिकारी  
 महानगरपालिका अमरावती.

**प्रतिलिपी :-**

1. मा. आयुक्त, महानगरपालिका अमरावती यांचे माहितीकरीता सविनय सादर.
2. मा. उपायुक्त (सा.) महानगरपालिका अमरावती यांचे माहितीकरीता सादर.

पर्यावरण संवर्धन अधिकारी  
 महानगरपालिका अमरावती.



## Amravati Municipal Corporation, Amravati



No.Amc/Dymc(L)/Env/ 302/2020

Dt : 9 / 10 / 2020

### Certificate of Recognition

To,

The Principal,  
Shri Shivaji Science College,  
Amravati

Respected Sir,

According to Memorandum Of Understanding (MOU) of dated 14.09.2015 and 14.09.2018 set for term and understanding between Shri Shivaji Science College, Amravati, **Department of Environmental Science** and Amravati Municipal Corporation, Amravati to work in coordination on certain mentioned activities for betterment of environment and Institution Social Responsibility.

So, on behalf of the Amravati Municipal Corporation, Amravati we would like to thank and appreciated **Department of Environmental Science**, Shri Shivaji Science College, Amravati for providing assessment of making the people's Biodiversity Register of Amravati City 2019-2020.

I appreciate the efforts of your team of Dept. of Environmental Science, Zoology and Botany for successfully providing information about biodiversity of Amravati City. I hope the same spirit of teamwork will continue in future programme too.

Anticipating your support in conducting similar Monitoring Program in future also.

  
 Deputy Commissioner (LBT)  
 उपायुक्त (स्था.स.क.)  
 Amravati Municipal Corporation,  
 महानगरपालिका, अमरावती  
 Amravati



## AMRAVATI MUNICIPAL CORPORATION

Office-Municipal Corporation Amravati.  
O.No.AMC/Env./352/2020.  
Date-15/12/2020.

### Certificate of Recognition

To,  
The Principal,  
Shri Shivaji Science College,  
Amravati

Dear sir,


According to Memorandum Of Understanding (MOU) of dated 14.09.2015 and 14.09.2018 set for term and understanding between Shri Shivaji Science College Amravati **Department of Environmental Science** and Amravati Municipal Corporation, Amravati to work in coordination on certain mentioned activities for betterment of environment and Institution Social Responsibility.

So, on behalf of the Amravati Municipal Corporation, Amravati we would like to thank and appreciate **Department of Environmental Science**, Shri Shivaji Science College, Amravati for providing continues assessment of Air monitoring data of Amravati City from 2016 - 2017.

I appreciate the efforts of your team of Dept. of Environmental Science for successfully providing Air and Noise monitoring data of Amravati City. I hope the same spirit of teamwork will continue in future programme too.

Anticipating your support in conducting similar Monitoring Program in future also.

Yours Sincerely

  
उपायुक्त (स्वा.सं.क.)  
महानगरपालिका, अमरावती

### Air Pollution Monitoring

According to Memorandum of Understanding (MOU) of dated 14.09.2015 and 14.09.2018 set for term and understanding between Shri Shivaji Science College, Amravati, **Department of Environmental Science** and Amravati Municipal Corporation, Amravati to work in coordination on certain mentioned activities for betterment of environment and Institution Social Responsibility.

The activity was conducted for creating awareness regarding the noise and air pollution, its abatement and public participation for tackling noise pollution. The readings are also **provided to AMC, Amravati** for preparing their ‘Yearly Report’.

### Air Pollution Monitoring



### Air Pollution Monitoring





## Zilha Parishad Amravati

दिनांक : २८ / ११ / २०१४

प्रति,

उपमुख्य कार्यकारी अधिकारी (ग्राम पंचायत),  
जिल्हा परिषद, अमरावती.

विषय :- पर्यावरणशास्त्र विभाग, श्री शिवाजी विज्ञान महाविद्यालयातर्फे सांडपाणी व घनकचरा व्यवस्थापन प्रक्रिया / प्रकल्प राबविण्यास तांत्रिक सहकार्य उपलब्ध करून देण्याबाबत.

संदर्भ :- पंचायत राज प्रशिक्षण केंद्र येथे दि. १८/११/२०१४ व १९/११/२०१४ रोजी 'घनकचरा व्यवस्थापन' व 'सांडपाणी व्यवस्थापन' कार्यशाळा

महोदय,

उपरोक्त संदर्भांकित विषयान्वये दि. १८/११/२०१४ व १९/११/२०१४ रोजी पंचायत राज प्रशिक्षण केंद्र, अमरावती येथे जिल्हा पाणी व स्वच्छता मिशन, जिल्हा परिषद, अमरावती व पंचायत राज प्रशिक्षण केंद्र, अमरावती यांचे संयुक्त विद्यमाने आयोजित सांडपाणी व घनकचरा व्यवस्थापन प्रक्रिया / प्रकल्प नियोजन व कार्यान्वयन कार्यशाळेमध्ये 'घनकचरा व्यवस्थापन' व 'सांडपाणी व्यवस्थापन' या दोन विषयांवर पर्यावरणशास्त्र विभाग, श्री शिवाजी विज्ञान महाविद्यालयातील विभाग प्रमुख म्हणून व्याख्यान देण्याची संधी मिळाली.

व्याख्यानानंतर सरपंच, प्राचार्य, पंचायत राज प्रशिक्षण केंद्र व जिल्हा परिषदेचे अधिकारी यांच्यासोबत झालेल्या चर्चेत २०१४-१५ या चालू वर्षात २८ ग्रामपंचायतींची घनकचरा व्यवस्थापन व सांडपाणी व्यवस्थापन कार्यक्रम राबविण्यासाठी निवड झाल्याबाबत माहिती मिळाली. सदर कार्यशाळेमध्ये उपस्थित सरपंच, ग्रामसेवक, अभियंता तसेच प्राचार्य, पंचायत राज प्रशिक्षण केंद्र व जिल्हा परिषदेचे अधिकारी यांचेशी झालेल्या चर्चेनुसार पर्यावरणशास्त्र विभाग, श्री शिवाजी विज्ञान महाविद्यालयाने प्रकल्पाच्या अंमलबजावणीकरिता तांत्रिक सहाय्य उपलब्ध करून देण्याबाबत विनंती करण्यात आली.

तेव्हा सदर २८ ग्रामपंचायतींपैकी ०५ ग्रामपंचायतींचा घनकचरा व सांडपाणी व्यवस्थापनेचा आदर्श नमुना कृती आराखडा देण्यास आम्ही तयार आहोत. तसेच पर्यावरण जनजागृती कार्यक्रम कार्यशाळा इ. राबविण्यासाठीही तयार आहोत. आय.ई.सी. (I.E.C.) अंतर्गत जिल्हा परिषदेला मिळालेले प्रकल्प राबविण्यासाठीही आमची तयारी आहे. या अगोदरसुद्धा जिल्हा परिषद, अमरावती यांचे विनंतीवरून पर्यावरणशास्त्र विभाग, श्री शिवाजी विज्ञान महाविद्यालयाने मोर्शी तालुक्यातील गावांच्या नकाशांवरून घनकचरा व्यवस्थापनाकरिता योग्य ठिकाणांचे नकाशे तयार करून दिलेले आहेत.

सदर कार्यक्रमांची अंमलबजावणी करण्यासाठी पर्यावरणशास्त्र विभाग, श्री शिवाजी विज्ञान महाविद्यालय व जिल्हा परिषद यांच्यामध्ये एम.ओ.यु. (M.O.U.) होणे गरजेचे आहे. त्यासाठी आपण परवानगी दिल्यास शैक्षणिक तत्वांचे प्रत्यक्षात अवलंबन करण्याची संधी आम्हाला मिळेल.

करिता आपल्या माहिती व पुढील कार्यवाहीस्तव सविनय सादर.

आपली विश्वासू



(डॉ. समिता प्र. इंगोले)

विभाग प्रमुख

पर्यावरण शास्त्र विभाग

श्री शिवाजी विज्ञान महाविद्यालय,

अमरावती

प्रतिलिपी :-

प्राचार्य, पंचायत राज प्रशिक्षण केंद्र, अमरावती यांना माहितीकरीता सविनय सादर.



जिल्हा स्वच्छ भारत मिशन (ग्रा.)  
जिल्हा परिषद, अमरावती



Email id- sbmzpamt@gmail.com Phon No - 07212551123

जा.क्र / जिप/ स्वभाषि /HRD/2307 /२०१९

दि. 29 / 11 /२०१९

प्रशस्तीपत्र

प्रमाणीत करण्यात येते की सन २०१८-१९ या कालावधीत शासनाचे "स्वच्छता ही सेवा या अभियाना अंतर्गत ग्रा.प. तालुका व जिल्हा स्तरावर पाणी व स्वच्छते बाबतीत जाणीव जागृती करण्याकरिता, श्री शिवाजी विज्ञान महाविद्यालय अमरावती अंतर्गत पर्यावरणशास्त्र विभागातील पदवी तथा पदव्युत्तर विभागातील विद्यार्थ्यांनी शासनाचे मार्गदर्शक सुचने नुसार जिल्हा व पाणी व स्वच्छ मिशन कक्ष जि.प. अमरावती यांचे समन्वयाने उत्कृष्टरित्या अभियान राबविले असुन या करिता जिल्हा स्वच्छ भारत मिशन (ग्रा.) यांचे मार्फत प्रशस्तीपत्र देण्यात येत आहे.

पाणी व स्वच्छता या क्षेत्रात पुढील वाटचाली करिता शुभेच्छा !

*Bhat*

जिल्हा कार्यक्रम व्यवस्थापक  
जिल्हा स्वच्छ भारत मिशन (ग्रा.)  
जिल्हा परिषद अमरावती



जिल्हा स्वच्छ भारत मिशन (ग्रा.)  
जिल्हा परिषद, अमरावती



Email id- sbmzpamt1@gmail.com Phon No - 07212551123

जा.क्र / जिप/ स्वभासि /HRD/ 906 /२०२०

दि. १ / २ / २०२०

प्रशस्तीपत्र

प्रमाणीत करण्यात येते की सन २०१९-२० या कालावधीत शासनाचे "स्वच्छ सर्वेक्षण (ग्रामीण )-२०१९-२० या अभियाना अंतर्गत तालुका व जिल्हा स्तरावर पाणी व स्वच्छते बाबतीत जाणीव जागृती करण्याकरिता, श्री शिवाजी विज्ञान महाविद्यालय अमरावती अंतर्गत पर्यावरणशास्त्र विभागातील पदवी तथा पदव्युत्तर विभागातील विद्यार्थ्यांनी शासनाचे मार्गदर्शक सुचने नुसार व जिल्हा व पाणी व स्वच्छ मिशन कक्ष जि.प. अमरावती यांचे समन्वयाने जिल्ह्या अंतर्गत शाळा तथा विविध महाविद्यालयास भेटी देऊन विद्यार्थ्यांचे मत नोंदविले आहे व उपरोक्त अभियान उत्कृष्टरित्या राबविले आहे. करिता जिल्हा स्वच्छ भारत मिशन (ग्रा.) यांचे मार्फत प्रशस्तीपत्र देण्यात येत आहे.

पाणी व स्वच्छता या क्षेत्रात पुढील वाटचाली करिता शुभेच्छा !

*Batan*

जिल्हा कार्यक्रम व्यवस्थापक  
जिल्हा स्वच्छ भारत मिशन (ग्रा.)  
जिल्हा परिषद अमरावती



### Swachha Sarveshan (Gramin)

UG and PG students of Environmental Science Department actively participated in Swachha Sarveshan (Gramin) organized by Zilha Parishad Amravati. During 2018-2020 sarveshan students visited to school and colleges in Amravati city and done the survey according to intrusions provide by Zilha Parishad Amravati and create awareness among the students about the water and cleanness.

### Swachha Sarveshan (Gramin)



**Cancer Foundation Amravati****Breast Cancer Awareness**

Environmental science Students participated in the one-day work shop conducted by Cancer foundation, Amravati on 29 Oct. 2017 at Matoshri Vimlabai Deshmukh Hall. The Topic of one day workshop is – “Breast Cancer awareness campaign and Open Discussion”. In this workshop a scientific guidance is provided to student by team of doctors. An issue of women health and lifestyle was discusses in workshop. To create an awareness photography exhibition was also organised by the students.

**Breast Cancer Awareness**

## Amravati Gynaecological Association, Amravati



महाराष्ट्र MAHARASHTRA

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प्रा. शिवजी सायबस  
3-10-25-11-17-19

3-10-25-11-17-19

राजेश शर्मा  
मुद्रांक विक्रेता  
चक्रांत अम., ला. नं. 4/86



MEMORANDUM OF UNDERSTANDING  
BETWEEN  
SHRI. SHIVAJI SCIENCE COLLEGE,  
DEPARTMENT OF ENVIRONMENTAL SCIENCE  
AMRAVATI  
AND  
AMRAVATI GYNECOLOGICAL ASSOCIATION, AMRAVATI

This Memorandum of Understanding (MOU) sets for the term and understanding between Shri Shivaji Science College, Amravati, Department Of Environmental Science, & Amravati Gynecological Association, Amravati to work in co-ordination on certain below mentioned activities for betterment of environment and as an Institutional Social Responsibility.



**Background :**

Environmental factors include agents (natural or man-made) encountered by humans in their daily life, upon which they have no or limited personal control.

Environmental carcinogens, in a strict sense, include outdoor and indoor air pollutants, as well as soil and drinking water contaminants. Lifestyle factors such as **tobacco** use, **diet**, and physical activity; certain types of infections; and environmental exposures to different types of chemicals and **radiation** add a boost to these. An increased risk of mesothelioma has consistently been detected among individuals experiencing residential exposure to asbestos, whereas results for lung cancer are less consistent.

Air pollution is a mixture of many different substances and the exact contents vary depending on what sources of pollution are nearby, your location, the time of year and even the weather.

"The **air** we breathe is filled with **cancer**-causing substances," said Kurt Straif, PhD, head of the IARC Monographs Section. "Outdoor **air pollution** is not only major **environmental** risk to health in general, it is the most important **environmental cancer** killer due to the large number of people exposed."

**Hygiene** is a set of practices performed for the preservation of health. According to the World Health Organization (WHO), "Hygiene refers to conditions and practices that help to maintain health and prevent the spread of diseases."

Nearly 40% of world's population (2.4 billion) have no access to basic sanitation. 5,500 children die every day from diseases caused by contaminated food and water.

The majority of cancers, some 90–95% of cases, are due to environmental factors.

Despite overall decreases in incidence and mortality, cancer continues to shatter and steal the lives. Children are at Special Risk for Cancer due to Environmental Contaminants and should be protected.

Public and governmental awareness of environment influences cancer risk and other health issues has increased substantially in recent years as scientific and health care communities, policymakers, and individuals strive to understand and ameliorate the causes and toll of human disease.

**Purpose:**

Purpose/ goals of partnership:

- To create awareness among students .
- To maintain precautions regarding health and hygiene .
- Participation of student and staff in awareness program at society level.
- Sustainable management .
- To provide expertise services for conducting workshop, guest lecture and training, etc.
- A step towards social responsibility of our institute.
- To run outreach programme for betterment of environmental health and social health.
- Securing health systems
- Scale up disease control
- Empowerment of people to improve their health
- Mobilize sufficient sustainable resources
- Creating effective barriers that will prevent contamination & disease transmission
- Teaching good practices in relation to water purification and disposal
- Teaching how to identify and treat basic water and sanitation related illnesses
- Teaching effective end user operation and maintenance
- Impact of poor Sanitation to HIV/AIDS victims

The above goals will be accomplished by undertaking the activities:

**Reporting :**

- Precautionary measures , Guidelines and Suggestions in the form of literature will be provided by the Amravati surgical association to create cancer awareness.
- Students will prepare the reports of case studies related to environmental factors responsible for mutational changes.

**Funding:**

This MOU is not a commitment of Funds.

**Terms and Conditions:****From Amravati Gynecological Association, Amravati :**

- Appreciation Certificate for Student who will participate in awareness camp outside college campus.
- Awareness camp, guest lectures and workshop in college campus.
- Provision and arrangement of free check up camp.

**From College:**

- Students and staffs participation in awareness camp, as per the college time table permits.
- Staff will provide expertise service to link role of environmental factors in cancer.

**Duration :**

This MOU is at will and may be modified by mutual consent of authorized official from Shri Shivaji Science College, Amravati , Department of Environmental Science and Amravati Gynecological Association, Amravati. This MOU shall become effective upon signature by the authorized official from Shri Shivaji Science College, Amravati , Department of Environmental Science and Amravati Gynecological Association, Amravati , this will remain in effect until modified or terminated by any one of the partners by mutual consents. In the absence of mutual agreement by the authorized official from Shri Shivaji Science College, Amravati , Department of Environmental Science and Amravati Gynecological Association, Amravati, this MOU shall end after 3 years from date of agreement.

**Obligators Name and Address:****Signature of the grantee  
Department of Institution**


**Dr. Manjusha Bokey**  
**President**

Amravati Gynecological Association,  
Amravati



**Dr. Sangita P. Ingole**  
**Head Dept. of Env. Science,**  
**Shri Shivaji Science College**  
**Amravati**



**Dr. Pranjal Sharma**  
**Secretary**  
Amravati Gynecological Association,  
Amravati



**MR. K.J. Gawai**  
**Assist. professor**  
**Dept. of Env. Sci.**  
Shri Shivaji Science College,  
Amravati

**For office use only**

Accepted for and on behalf of the Principal, Shri Shivaji Science College, Amravati.

Witness

(Name and Designation)

Name and address


  
Principal  
Shri Shivaji Science College,  
Amravati

Shri Shivaji Science College, Amravati



**Adolescence issues in females****World Environmental Health Day**

**Date:** 26<sup>th</sup> Sept. 2016

**Number of participants:** 200

**Venue:** Shri Shivaji Science College, Amravati

**Organizers and Collaborators:** Department of Env. Science and Amravati Gynecological Association, Amravati

On 26th Sept. 2016, on the eve of the World Environmental Health Day a guest lecture was organized for the female students on "Adolescence issues in females", in old Auditorium. Dr. Pranjali Sharma and Dr. Lalita Lokhande guided the students on health and hygiene problems and solutions in women. Students of Department of Environmental Science and other department students were actively attend the programme.

**World Environmental Health Day a Guest Lecture**

**World Environmental Health Day a guest lecture****List of Participants:**

Sr. No.	Name of Students
1	Balapure Shital Vinod
2	Bannore Rutuja Sujit
3	Bhagas Mayuri Indrajit
4	Pachpor Nandini Varsha
5	Borode Shweta Bhanudas
6	Chondhe Snehal Rajkumar
7	Gohite Priya Babulal
8	Palekar Vaishnavi Rajendra
9	Jadhav Manisha Ashok
10	Jumade Ruchita Arvind
11	Kakad Komal Subhash
12	Karule Anuja Sanjayrao
13	Lawahale Pooja Vilas
14	Mahore Pallavi Narayanrao
15	Mohod Kirtika Jagdish
16	Nagdive Aditi Ashok
17	Pandey Shivani Krishnakant
18	Qureshi Sadiya Dabir-Ur-Raheman
19	Sarode Pranoti Rajesh
20	Pande Manali Jeevanrao
21	Thakare Chaitali Nandkishore
22	Vighe Pratiksha Gajanan
23	Wankhade Pratiksha Pandurang

24	Yawalikar Gayatri Pradeep
25	Zade Vaishnavi Nandu
26	Wagh Tejal Subodh
27	Bawaner Shivane Eknath
28	Bhadange Ankita Sunil
29	Deshmukh Mrunal Anil
30	Deshmukh Vaishnavi Jaywant
31	Deshmukh Yugandhara Laxmikant
32	Wankhade Shruti Rajendra
33	Dhote Vedanti Satish
34	Dighade Akanksha Deepak
35	Harne Pratiksha Pramod
36	Kadu Vrushali Baburao
37	Raut Shreya Shashikant
38	Sao Dhanashri Vishnu
39	Kandalkar Aditi Sunil
40	Khan Nausheen Qadeer
41	Kuralkar Vaishnavi Sunil
42	Lohakare Komal Jitendra
43	Manikpure Rashmi Jitendra
44	Pahade Mohini Diliprao
45	Werulkar Shraddha Vilasrao
46	Pusam Aishwarya Ramdas
47	Rotwal Tejormayee Gajendra
48	Tale Anjali Dnyaneshwar
49	Tathod Pradhnya Motiramji
50	Shah Rakshanda Ismail
51	Shaikh Saima Parveen Sheikh Salim
52	Bayaskar Chhakuli Ramesh Rao
53	Choudhari Pooja Rajendra
54	Dihiye Vaishnavi Pradip
55	Gade Rohini Gajanan
56	Ghormade Parvati Sivajirao
57	Giri Ashwini Ravindra
58	Ingole Minal Vijay
59	Kale Vaishnavi Shyam
60	Kanherkar Ankita Rajendra
61	Khatade Mayuri Dipak
62	Thakare Tejswini Subhash
63	Lahane Shweta Nandkishor
64	Netanrao Pragati Santosh



65	Rajurkar Himani Sudhir
66	Wadi Pallavi Sudhakar
67	Shirbhate Gayatri Manoharrao
68	Choudhari Rugvedi Dharmendra
69	Thakare Reshma Vijayrao
70	Thakare Yogita Keshav
71	Wankhade Arati Prakashrao
72	Watane Snehal Gajananrao
73	Dahiwalé Vidisha Sushilkumar
74	Anasane Shivani Anilrao
75	Deshmukh Achal Kisho
76	Isal Renu Ramesh
77	Kadu Jayashri Sunil
78	Kaple Rucha Hari
79	Deshmukh Amisha Vijay
80	Khodwe Pranjal Shrijayeshrao
81	Kothe Anjali Ravindra
82	Madke Yamini Pundlikrao
83	Mahure Pratiksha Surendra
84	Nawghare Shweta Mahendra
85	Nishane Shravani Vijayrao
86	Pandit Vaishnavi Vishnu
87	Deshmukh Vaishnavi Ramesh
88	Gade Pratiksha Kishor
89	Hive Pranjali Raju
90	Sagne Sakshi Divakarrao
91	Gangwani Janavi Baldev
92	Jaiswal Shraddha Hemant
93	Mahure Samiksha Surendra
94	Malamkar Sharayu Ravindra
95	Mankar Akshada Sanjiv
96	Ugale Gayatri Rajendra
97	Badase Anuja Sanjyarao
98	Ramteke Mrunal Diliprao
99	Chavhan Vaishnavi Dipak
100	Dandge Kshamata Subhash
101	Gade Vishakha Bhimraoji
102	Gajbhiye Deeksha Diwakar
103	Ghuge Abhaya Digambar
104	Himane Rutuja Vilasrao
105	Kajalkar Vaishnavi Raosaheb
106	Khan Sadaf Gauher Saleem

107	Kharad Shiwani Gowardhan
108	Raut Sakshi Suresh
109	Palekar Pratiksha Surendra
110	Sune Sharddha Manoharrao
111	Thorat Komal Mahendra
112	Vaidya Vaishnavi Prafulla
113	Takarkhede Kalyani Pramodrao
114	Ahmad Saleha Sameen Mumtaz
115	Bavankule Pooja Vitthalrao
116	Bhure Roshni Manohar
117	Bokade Garima Pradiprao
118	Gade Dharti Onkarrao
119	Tayade Vishakha Vijay
120	Karale Tejal Shrikrushnarao
121	Lande Radhika Uttamrao
122	LOMATE NANDINI VILAS
123	Razique Mehwish Kausar Abdul
124	Sonone Karuna Hansaraj
125	Suryavanshi Pooja Rajesh
126	Tidke Ankita Ramdas
127	Thakare Gayatri Sanjayrao
128	Uike Renuka Baburao
129	Wankhade Sakshi Anil
130	Ku Apeksha Arunrao Bonde
131	Ku. Disha Deepak Samdure
132	Ku. Gauri Rameshwar Shendre
133	Ku. Kalyani Tulshiram Bansod
134	Ku. Mayuri Kisanrao Gobade
135	Ku. Nikita Sandeep Mahajan
136	DESHBHRATAR SAMIKSHA VINOD
137	Ku. Ojasvi Vasanttrao Manwar
138	Ku. Pooja Narendrarao Ingole
139	Ku. Punyashree Ravindra Thakare
140	Ku. Roshani Sunil Dawande
141	Ku. Swati Vitthalrao Ingole
142	Ku. Trupti Nandkishor Ghogare
143	Ku. Utkarsha Haridasrao Patil
144	Ku. Vaishali Pandurang Giri
145	Ku. Vishakha Rajendra Ingale
146	GAIKWAD PALLAVI RAJESH
147	GOSWAMI ASHWINI GAJANAN

148	KAKADE VAISHNAVI SUNIL
149	KALE RUDRAKSHI PRASHANT
150	Pooja A. Nakade
151	Ashwini Gopalrao Kohale
152	Ankita Rajabhau Ghudji
153	Bhore Bhagyashri Ramkrushna
154	Chakre Vrushali Suresh
155	Chanchal Purushottamrao Nagpure
156	KALE RUTIKA RAVINDRA
157	Dipalee Vijayrao Khode
158	Ekta Ravindra Khedkar
159	Kalyni Wasudeorao Ingle
160	Kavita Manik Patil
161	KOLHE PALLAVI SHESHARAO
162	Nisha Sharadrao Mankar
163	Sawai Shravani Pravin
164	Pooja Anilrao Bakhade
165	Rutuja Sudhakarrao Girase
166	Sayali Sharda Rao Ramteke
167	Shital Devrao Sherekar
168	Shivali Narendra Deshmukh
169	Sonali Shrikrishna Dahikar
170	Sujata Dnyaneshwar Pachghare
171	Trushali Chaudhary
172	Tejasvi Khedkar
173	Deshmukh Shivani Nilkhantrao
174	Ku. Ankita N. Nagmote
175	Ku. Anuja S. Badase
176	Ku. Deeksha D. Gajbhiye
177	Ku. Kashmita S. Dandge
178	Ku. Karuna H. Sonone
179	Ku. Komal G. Thokal
180	Ku. Komal S. Lodam
181	Ku. Mehwish Kausar Abdul Razique
182	Ku. Mohini M. Shelke
183	Ku. Mrunali G. Bhagat
184	Ku. Prajakta S. Deshmukh
185	Ku. Radhika K. Bonde
186	Ku. Radhika U. Lande
187	Ku. Roshani M. Bhure
188	Ku. Sakshi A. Wankhade
189	Ku. Saleha Sameen Mumtaz Ahmad
190	Ku. Shradha J. Pachori
191	Ku. Sonu D. Dhande
192	Ku. Vaishnavi D. Chavhan



193	Ku. Vaishnavi V. Kharad
194	Bhore Bhagyashri Ramkrushna
195	Ku. Ruchika N. Wankhade
196	Chakre Vrushali Suresh
197	Ku Apeksha A. Bonde
198	Ku. Disha D.Samdure
199	Ku. Gauri R.Shendre
200	Ku. Kalyani T.Bansod

### Workshop - “Right Decision at Right Time”

**Date:** 8<sup>th</sup> March 2019

**Participants:** 40

**Venue:** CV Raman Hall, SSC

**Organizer:** College Women Empower Cell

On the Eve of World Women’s Day - 8<sup>th</sup> March 2019, one workshop was organized in collaboration with ‘College Women Empower Cell’ and Gynecological Association. Dr. Pranjal Sharma conducted this workshop entitled “Right Decision at Right time”. In this programme girl student were present in large numbers. In question and answer session students direct communicated with guest through guest and solve the queries.

### World Women’s Day – Guest Lecture





**List of the students participated**

Sr. No.	Name of Student
1	Ku. Ankita Rajendra Kanhekar,
2	Ku. Akansha Anilsingh Gautam
3	Ku. Sonu D. Dhande
4	Ku. Ashwini Ravindra Giri,
5	Ku. Chakuli Ramesh Bayaskar,
6	Ku. Gayatri Rajendra Ugale,
7	Ku. Kanchan Pramodrao Bansod
8	Ku.Kishori Vijayrao Sambhare
9	Ku. Leena Shivanand Madane
10	Ku. Manisha Umakant Bhatkar,
11	Ku. Minal Vijay Ingole
12	Ku. Parvani Shivajirao Ghormade,
13	Ku. Pooja sakharam Dutonde
14	Ku. Pooja Rajendra Choudhary,
15	Ku Radhika Sharadrao Dahane
16	Ku. Vaishnavi V. Kharad
17	Ku.Rucha Hari Kaple,
18	Ku. Samiksha R. Kale
19	Ku. Shravani Yasudeo Jaware,
20	Ku. Shweta Nandkishor Lahane,
21	Ku. Tejaswini Prabhakar Dhandar,
22	Ku. Vishakha Pramodrao Wankhade
23	Ku. Yamini Pundlikrao Madke
24	Ku. Archana Manikrao Raibole
25	Ku. Ankita N. Nagmote
26	Ku. Anuja S. Badase
27	Ku. Deeksha D. Gajbhiye
28	Ku. Kashmita S. Dandge
29	Ku. Karuna H. Sonone
30	Ku. Komal G. Thokal
31	Ku. Komal S. Lodam
32	Ku. Mehwish Kausar Abdul Razique
33	Ku. Mohini M. Shelke
34	Ku. Mrunali G. Bhagat
35	Ku. Radhika K. Bonde
36	Ku. Radhika U. Lande
37	Ku. Roshani M. Bhure
38	Ku. Sakshi A. Wankhade
39	Ku. Saleha Sameen Mumtaz Ahmad
40	Ku. Shradha J. Pachori



# Activities Under MoUs in year 2017 - 2018

Amravati Surgical Association, Amravati

Cancer foundation Amravati and Surgical Association Amravati – 2017-2018

## ASSOCIATION OF SURGEONS, AMRAVATI

President

**Dr. Rajendra R. Ganeriwal**

Mob.9823005901



Secretary

**Dr. Jayashree Patil-Ingole**

Mob.9823224900

Date : 29<sup>th</sup> October 2017

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**Joint Secretary ▶**

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**Dr. Ravi Kasat**

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To,  
The Principal,  
Shri Shivaji Science College,  
Amravati

The Association of Surgeons, Amravati, appreciate you and your team for the efforts and sincerity for successfully participating in the **Public Forum on Breast Cancer Awareness & Poster Exhibition** organized on **29<sup>th</sup> October 2017**. We are pleased to see the department accomplish the goals. We personally thank you for assisting the team and achieving the goals. The camp is concluded successfully with your help. We are aware about the hard work and dedication of your department have put in participating such a great event.

We sincerely appreciate the role of your Department of Environmental Science in successful organization and hope that we will keep up the good work in future also.

Sincerely Yours,

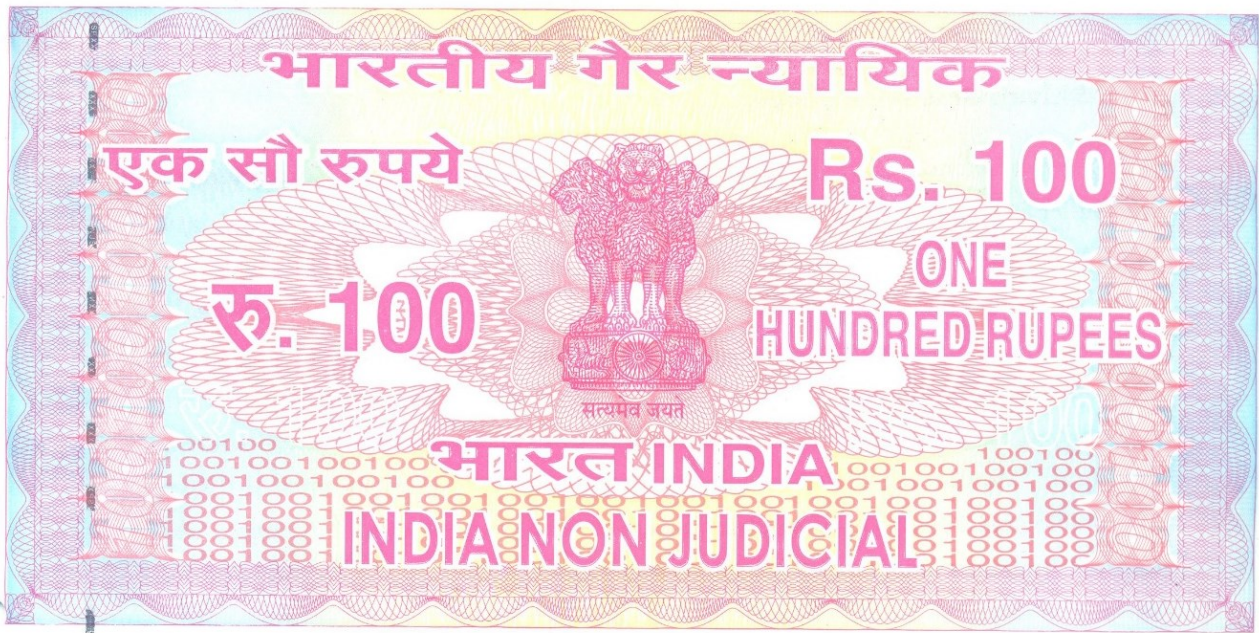
*R. A. Ganeriwal.*

**Dr Rajendra Ganeriwal**  
President  
Association of Surgeons,  
Amravati

*Jayshree*

**Dr. Jayshree Ingole**  
Secretary  
Association of  
Surgeons, Amravati

Core Project Engineers and Consultant Pvt. Ltd. Amravati



महाराष्ट्र MAHARASHTRA

2016

RL 868234

सौ. एच. एस. भिरानी  
मुद्रांक विक्रेता, कॅम्प,  
अमरावती ८/१७३-१७

19/04/17  
रा. 31/7  
कोसर राजेंद्र हिज्जियरी  
अन्व. कंसलर टा-प्रि.  
आन ए- डिप्ट मायव



## MEMORANDUM OF UNDERSTANDING

Between

Shri Shivaji Education Society, Amravati's,

Shri Shivaji Science College Amravati

Department of Environmental Science

and

Core Project Engineers and Consultant Pvt. Ltd. Amravati

## Background:

The Memorandum of Understanding (MoU) sets for the terms and understanding between the Core Project Engineers and Consultant Pvt. Limited and Department of Environmental Science, Shri Shivaji Science College, Amravati for the analysis of Air, Water, Soil and Noise Quality.



**Shri Shivaji Science College:**

Shri Shivaji Science College, Amravati evolved under Shri Shivaji Education Society as a Premier Institute for imparting formal education in Science stream and is affiliated to Sant Gadge Baba Amravati University, Amravati. The college has been re-accredited with "A" Grade (Very Good) with C.G.P.A. of 3.13 in 2015 by NAAC, Bangalore. The University Grants Commission (UGC) has awarded the status of the College with Potential for Excellence (CPE). The Department of Environmental Science was established in 1999. The department conducts extension programmes such as Noise Pollution Monitoring, PUC camp, Promotion of Environmental Awareness, Microbiological Testing of Water Samples, Study of Heavy Metals in Ground water. The Central Instrumentation Cell (C.I.C.) of the college has a; the facilities to carry out various analytical and spectroscopic measurements, chromatography and sample characterization by visual and photographic analysis. The C.I.C. has state-of-the-art analytical facilities.

**Core Project Engineers and Consultant Pvt. Ltd:**

Core Project Engineers and Consultant Pvt. Ltd Amravati, an ISO 9001-2015 a certified company incorporated under the Companies Act 1956 (No. 1 of 1956, Companies, Identification No. U45300MH2014PTC254492) is an emerging Environmental Consultancy firm, backed by state-of-the-art technology and highly professional expertise. The company is dedicated in offering top quality consultancy services engaged in the field of environment. The company is also well known for Municipal GIS based Property Survey, Property Tax Assessment and Providing Copyright Registered Software for automated evaluation of property tax, GIS consultancy, Municipal DP and Survey in the area for Entire Properties in Urban Local Bodies and IT application for Municipal Property in Document Management System.

**Objectives:**

The objective of this MOU is to promote a mutually beneficial partnership between the parties in the field of Environment. Within the field of Environment the following areas have been identified as the high priority areas for cooperation between the parties under the framework of this MOU.



- Ambient Air Monitoring
- Noise Monitoring
- Solid Waste & Hazardous Waste Testing
- Waste Water Testing
- Soil Testing and Total Chemical Analysis of Soil

Along these lines the cooperation between the parties under this MOU is to be conducted in the form of:

- Exchange of information and documentation of the analysis of samples (Air, Water, Noise and Soil)
- Exchange visits by Experts, Scholars and Delegations
- Joint Organization of Seminars, Workshops, Meetings involving Experts, Scientists, Private companies and other relevant agencies
- Collaborative projects

**MOU Benefits:**

- Collaboration which enhances the capabilities of the both (the institution and the company), in broadening its program offerings or extending its reach in the field of Environment, as also in contributing to their reputation and sources of income.
- Collaboration to find out solutions to issues of concern in the society, strengthening connections with students, employees and communities.
- Collaboration which enhances the student educational experience and while doing so, builds reputation with the stakeholders and attracts more students.

**General Conditions:**

- This MOU may be amended at any time by mutual written consent of the parties.
- Any disputes about the interpretation or implementation of this MOU will be resolved through consultation between the parties.
- The parties have had preliminary discussions in this matter and have ascertained areas of broad consensus. The parties now, have therefore, agreed

to enter in writing these areas of consensus, under this Memorandum of Understanding.

- Both parties will identify a single point of contact from their respective sides for interaction and coordination on all matters related to work under this MOU.

**Confidentiality:**

- Both parties shall take all reasonable care to ensure that the intellectual property privacy and the confidentiality of any information (inclusive but not limited to software design, data etc) is guarded and not compromised and the information is not shared with any other party (or institution, as applicable) (Exemption in the case of MoU with Govt. Parties)
- Each party will treat all information in relation to both the parties as strictly confidential and shall not disclose any confidential information to any third party without prior written consent of the other party.
- Each party will promptly notify the other party of any actual or suspected misuse or unauthorized disclosure of the other party's confidential information.

**Funding:**

Cooperative activities under this MOU shall be to the parameters mentioned in the rate list enclosed. This MOU shall not be construed to obligate any particular expenditure or commitment of funds and/or resources.

\* Above rates are exclusive of service taxes.

\* It is to be noted that the number and scope of services will increase in future for which necessary amendment may be made to this MOU with mutual agreement as found appropriate.

**Credentials:**

Both the parties shall reflect the reference while using the data in the report preparation.


**Instrument Undertaking:**

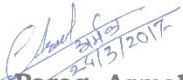
The Core Project Engineers and Consultant Pvt. Ltd. management hereby agree to undertake requisite testing and declare that the company will take the responsibility of


**Obligors in the presence with name  
and address**

**Signature of the grantee**

  
  
**Director**  
**Er. Pankaj Kashetwar**  
Core Project Engineers and Consultant Pvt. Ltd.  
105, Sai Nirman Apartment, Near Handa Complex  
Asiad Square, Shegaon Road, Amravati

  
**Dr. S. P. Ingole**  
Head, Dept. of Environmental Science  
Shri Shivaji Science College,  
Amravati  
Dept. of Environmental Science  
Shri Shivaji Science College,  
AMRAVATI.

  
**Mr. Parag Armal**  
Project Manager (Environment)  
Core Project Engineers and Consultant Pvt. Ltd.

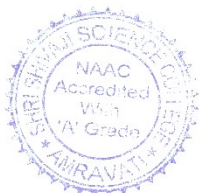
  
**Prof. K. J. Gawai**  
Assistant Professor  
Lecturer  
Dept. of Environmental Science  
Shri Shivaji Science College,  
Amravati.


**(For office use only)**

Accepted for and on behalf of the Principal, Shri Shivaji Science College, Amravati.

**Place : Amravati**

**Date :**



  
**Name and Designation**  
**Dr. V. G. Thakare**  
Principal  
Shri Shivaji Science College,  
Amravati.



**Monitoring and Sampling Programme of Ground Water****Date:** 2019**Participants:** 03**Venue:** Achalpur and Partwada**Organizer:** Dept. of Env. Science

P. G. Students of Environmental Science were involved in Monitoring and Sampling Programme of Ground Water sampling of Achalpur and Partwada site for one day work with Core Project Engineers and Consultant Services during 2018-2019. In this programme students monitor and collect sample of ground water from different location for the analysis purpose.

**Monitoring and Sampling Programme of Ground Water**

Sr. No.	Name of participating student
1	Ku. Prajakta S. Deshmukh
2	Manish R. Meshram
3	Tejas Gayaki

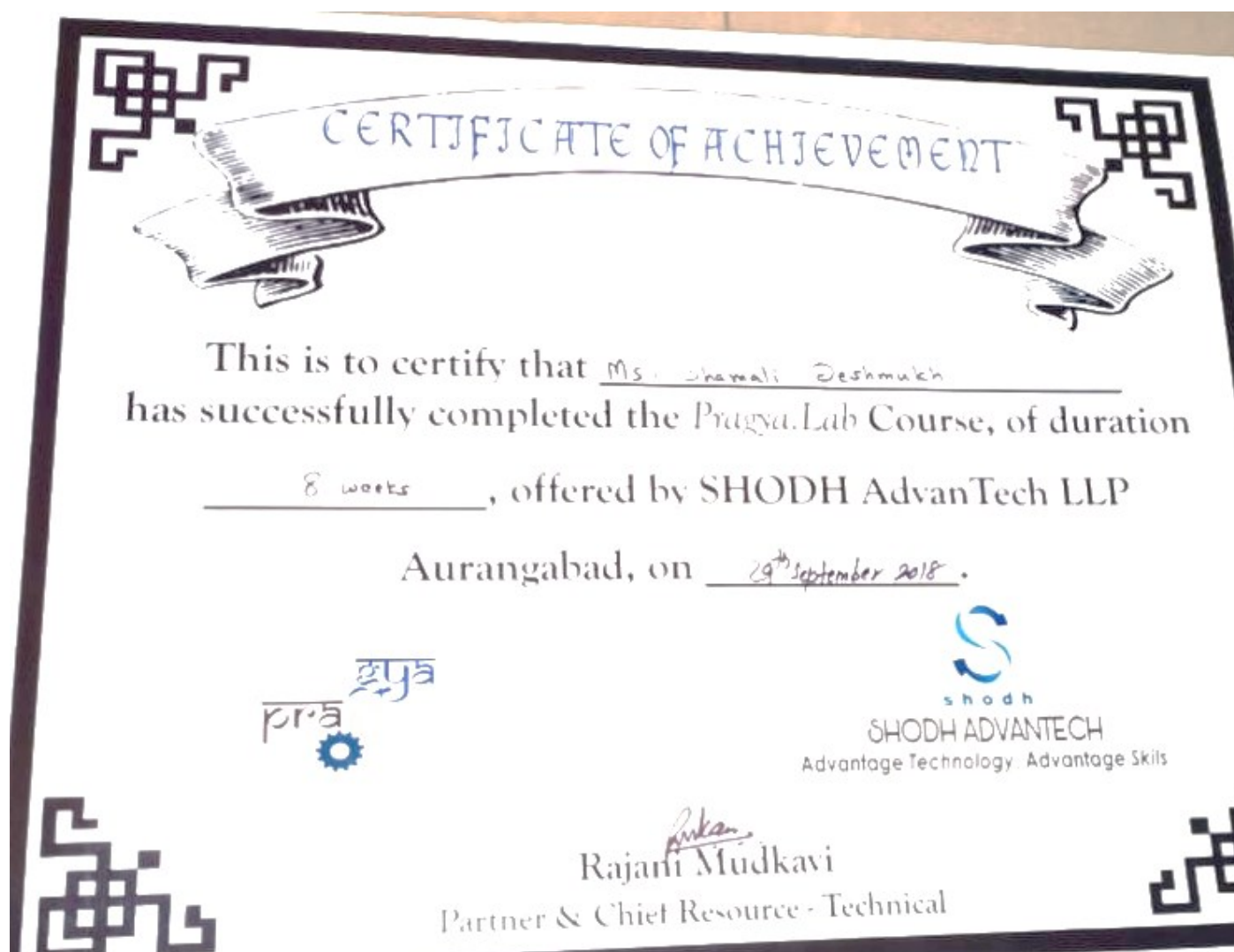


## Activities Under MoUs in year 2018 - 2019

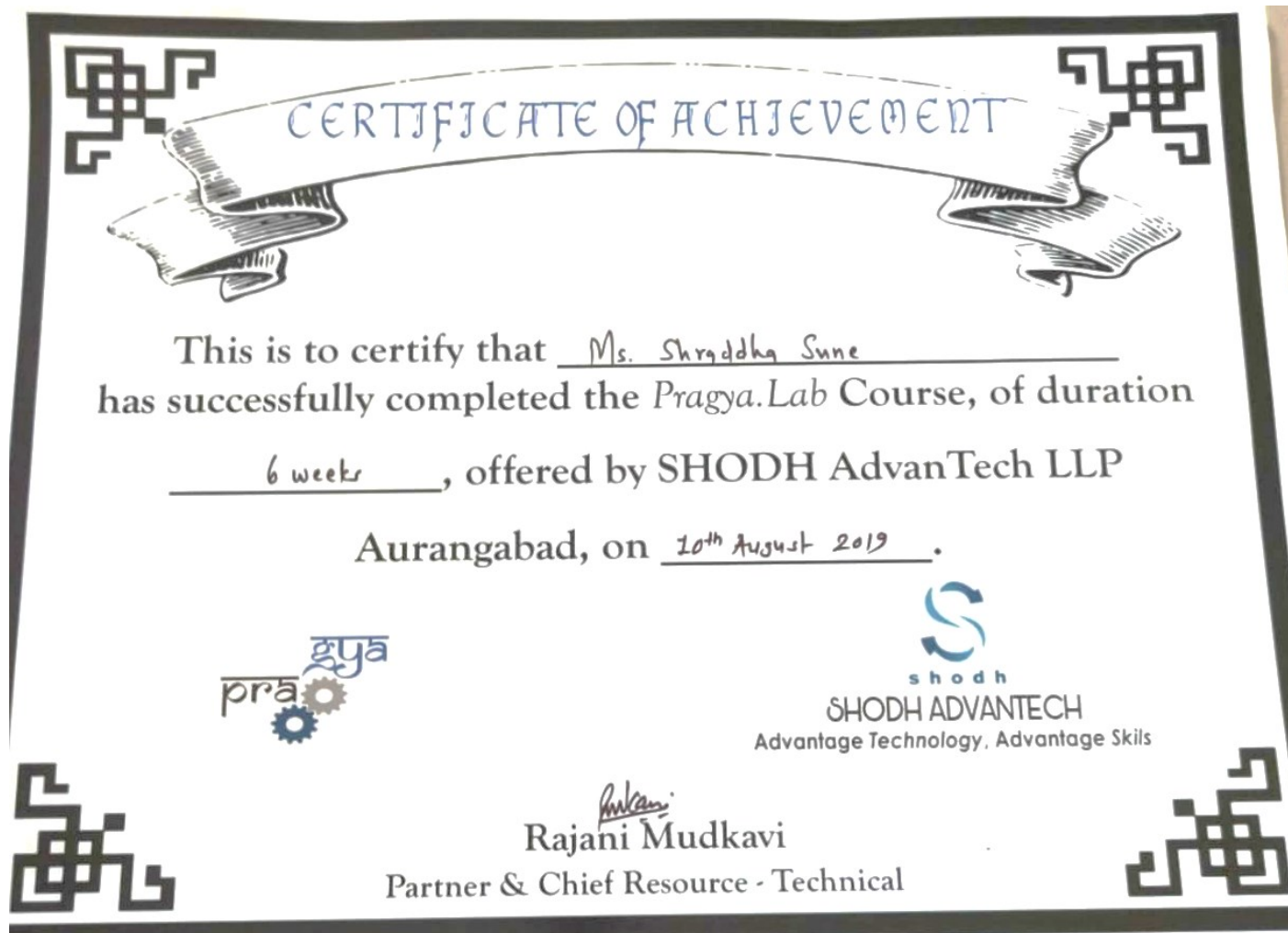
Shodh Advantech LLP, Aurangabad

**Activities conducted by Shri.Shivaji Science College,Amravati with Shodh Advantech LLP,Aurangabad under MoUs.**

Shri.Shivaji Science College, Amravati has made MoUs with Shodh Advantech LLP,Aurangabad in which 49 students appear training and placement among which 2 students has successfully completed Pragya Lab course of duration 6 and 8 weeks.







### Geotech GIS Training Institute and Constancy Services, Aurangabad

Under the MoU signed between Dept of Environmental Science and Geotech GIS Training Institute and Constancy Services, Aurangabad following activities were conducted –

1. Add-on Course Quantum GIS and its application in watershed Development 2019
2. Add-on Course “Five Days Intercollegiate Training Programme on Quantum Program GIS and its application in Advanced GIS” 2020
3. Environmental Science GIS Based Quiz 2020
4. ISRO-Workshop

#### ISRO – Workshop

**Date:** April 2020

**Participants:** 40

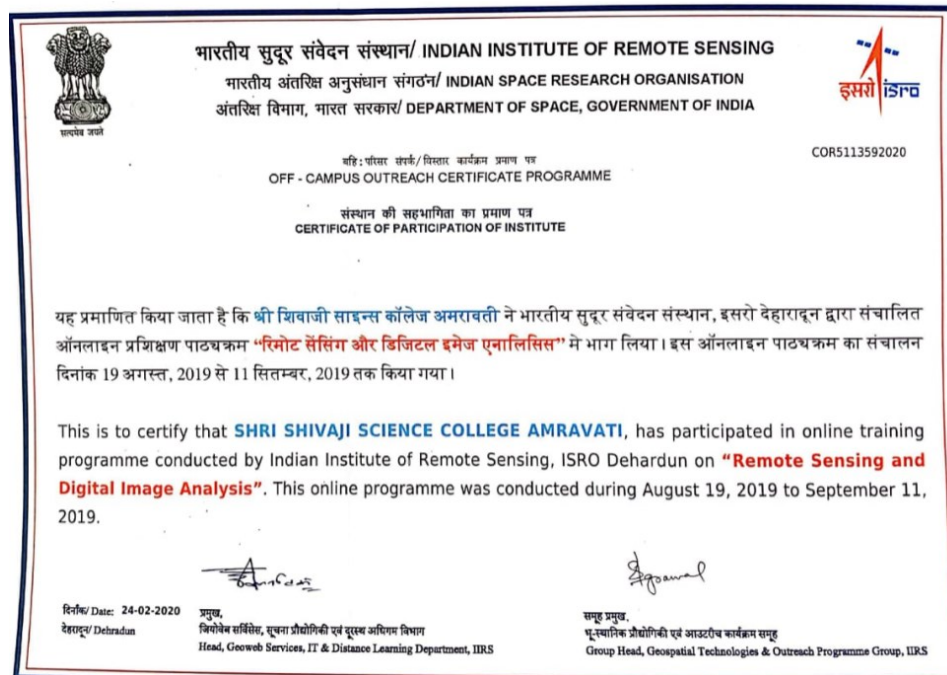
**Venue:** Department of Environmental Science

**Organizer:** Department of Environmental Science and Geotech GIS Training Institute, Aurangabad

According to MOU signed Shri Shivaji Science College Amravati, Department of Environmental Science and Geotech GIS Training Institute, Aurangabad for guidance and facility provided for research teaching, data sharing for GIS expert in Geotech. Department of Environmental Science is recognized as study center of ISRO. ISRO has conducted 5 days on line workshops on Rain Water Harvesting, April 2020 in which P.G. students has participated. In this workshop application of GIS in rainwater harvesting is learn the students.

#### ISRO WORKSHOP





## ISRO CERTIFICATE

## List of the students participated in the activity

Sr. No.	Name of Student
1	Ku. Ashwini Ravindra Giri,
2	Ku. Chakuli Ramesh Bayaskar,
3	Ku. Gayatri Rajendra Ugale,
4	Ku. Kanchan Pramodrao Bansod
5	Ku.Kishori Vijayrao Sambhare
6	Ku. Leena Shivanand Madane
7	Ku. Manisha Umakant Bhatkar,
8	Ku. Minal Vijay Ingole
9	Ku. Parvani Shivajirao Ghormade,
10	Ku. Pooja sakham Dutonde
11	Ku. Pooja Rajendra Choudhary,
12	Ku Radhika Sharadrao Dahane
13	Ritesh Kailasrao Januskar
14	Ku.Rucha Hari Kaple,
15	Ku. Samiksha R. Kale
16	Ku. Shravani Yasudeo Jaware,
17	Ku. Shweta Nandkishor Lahane,
18	Ku. Tejaswini Prabhakar Dhandar,
19	Ku. Vishakha Pramodrao Wankhade
20	Ku. Yamini Pundlikrao Madke
21	Ku. Archana Manikrao Raibole
22	Ku. Ankita N. Nagmote



23	Ku. Anuja S. Badase
24	Ku. Deeksha D. Gajbhiye
25	Ku. Kashmita S. Dandge
26	Ku. Karuna H. Sonone
27	Ku. Komal G. Thokal
28	Ku. Komal S. Lodam
29	Ku. Mehwish Kausar Abdul Razique
30	Ku. Mohini M. Shelke
31	Ku. Mrunali G. Bhagat
32	Ku. Radhika K. Bonde
33	Ku. Radhika U. Lande
34	Ku. Roshani M. Bhure
35	Ku. Sakshi A. Wankhade
36	Ku. Saleha Sameen Mumtaz Ahmad
37	Ku. Shradha J. Pachori
38	Ku. Sonu D. Dhande
39	Ku. Vaishnavi D. Chavhan
40	Ku. Vaishnavi V. Kharad

## Activities Under MoUs in year 2019 – 2020

### Wildlife and Environment Conservation Society, Amravati

Under the MoU signed between Dept of Zoology, Shri Shivaji Science College, Amravati and Wildlife and Environment Conservation Society, Amravati conducted following activities –

1. Organization of Guest lectures, slide shows, film shows and Photo Exhibition on Wildlife, Nature & Environment for the students
2. To create awareness against the use of plastic bags.
3. Conduct workshops, seminars, poster presentation, and conferences in the field of Wildlife, Biodiversity & Environment related sectors.
4. Initiate research in the field of wildlife & Environment"



**Shri Shivaji Science College, Amravati**

**DEPARTMENT OF ZOOLOGY**

in association with

**Wildlife & Environment Conservation Society, Amravati**

organized Wildlife Week 2020

# PPT & Rangoli Competition on Wildlife

**Theme for Rangoli - Face of Wildlife & for PPT - Save Wildlife**

- UG / PG Student of Institute / College affiliated to S.G.B.A. University, Amravati can participate.
- Participants can send only one entry per person.
- Upload your Rangoli (Image) PPT (Max. 10 slide own created) according to above theme.
- Mention your name, institution, class, contact number details in the mail.
- Last date of submission of your entry for the competition is **12th October, 2020.**
- Result will be announced / convey between 15 to 20 Oct. 2020.
- The judges decision will be final.

**EXCITING PRIZES  
WILL BE GIVEN TO  
BEST ENTRIES.**

Send your entries on Email : [gajananwagh2014@gmail.com](mailto:gajananwagh2014@gmail.com) | WhatsApp No. 9822204070

Convener <b>Dr. R. G. Jadhao</b> Head, Dept. of Zoology	Co-Convener <b>Dr. J. D. Dhote</b> Dept. of Zoology	Organizing Secretary <b>Dr. G. A. Wagh</b> Dept. of Zoology	Technical Committee Members <b>Dr. G.D. Hande</b> <b>Dr. R. A. Patil Bhagat</b> <b>Dr. S. J. Kawade</b>
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**WORLD WILDLIFE WEEK-2020**  
Sustaining all life on Earth









Peaks Analytica Research and Training Centre, Hingana, Nagpur

**Shri Shivaji Education Society, Amravati's**  
**Shri Shivaji Science College, Amravati**  
Accredited by NAAC with 'A' Grade  
Identified as UGC- CPE, DST- FIST & SGBAU- Lead College  
Shivaji Nagar, Amravati, MS - 444603



**Online National Training Course on  
Advanced Instrumentation  
Techniques and Their Practical  
Applications for PG and  
Research Students (AITPA-2021)**

Duration : 17 August, 2021 to 7 September, 2021 (Twenty One Days)

Online Three Week National Training Course on

**“Advanced Instrumentation Techniques and Their Practical  
Applications for PG and Research Students”**

**(Duration: 17 August 2021 to 7 September 2021)**

*Organized by Department of Chemistry,*

**Value Based Course (AITPA-2021)**

**REPORT**

**Name of the Activity:** Training Course AITPA

**Date:** 17/8/21 to 7/9/21

**Number of Participants:** 108

The market has many high paying jobs and candidates need the skill to get them. Every company, Government and public testing labs is looking for talented individual for different technical role. Now a day candidates with core analytical skills, sound knowledge and practical significance and troubleshooting of different sophisticated

analytical instruments are appreciated and required by all the research, manufacturing, processing and contract manufacturing industries as well as government & public testing labs.

This job oriented course designed to give huge scope and ample opportunities in different industries like Food, pharmaceuticals, agrochemicals, fine chemicals, cosmetics, oil and paints perfumery, beverages, rubbers, plastics, clinical research, forensic, public testing labs, etc. Candidates with the core analytical skill of different sophisticated analytical instruments can set up their own testing laboratories also.

The Department of Chemistry, Shri Shivaji Science College, Amravati organized this one month value based national training course for PG and research students from 17/08/2021 to 07/09/2021 under the guidance of Dr G. N. Chaudhari, Principal, Shri Shivaji Science College Amravati, Dr H. S. Lunge, Coordinator, IQAC, Dr. Shrikant A. Wadhal, course coordinator, Mr. Amol Gawande, Scientist, Peaks Analytical and Research Centre, Nagpur, Dr. Amit Bansal, coordinator & Head SEAF & BDG, NEERI, Nagpur, Dr Atul Wankhade, Department of Chemistry, VNIT, Nagpur provided online training regarding some latest instruments like HPLC, Gas Chromatography, GCMS, Atomic absorption Spectrophotometer, IR, UV- VIS double beam, UV –DRS, Karl Fischer instrument, ICP-OES used in laboratories and various companies.

Total 154 participants from different colleges from India participated in this course , In this course participants were from Kalindi college, Delhi University, Department of chemistry University of Delhi, M.S.G. college Malegaon, KPG College, Igatpuri, Nashik, KTHM College Nashik, Adarsh Mahavidyalaya Dhamangaon Rly, Bajaj College, Wardha, Vaidyanath college, Beed, Nabira Mahavidyalaya, Katol, RTM Nagpur University, Nagpur, NES Science College, Nanded, Santaji Mahavidyalaya Nagpur, Phulsingh Naik Mahavidyalaya Pusad, Mahatma Fule Mahavidyalaya, Warud, Jagadamba college, Achalpur, Shri Shivaji Science College, Akola, SGB Amravati University, Vidyabharati College Amravati, Narasamma College Amravati, GVISH Amravati, Shri Shivaji Science College, Amravati. In this course out of 154 participants 108 qualified this course. Certificates provided to students with A,B,C grade depending on score secured (  $A^+ \geq 80\%$ ,  $A \geq 65-79$ ,  $B \geq 50-64\%$ , No certificate  $< 50\%$ ) 40% marks depends on assignment submitted and attendance and 60% marks will depends on final examination score.

**This course designed for:**



- PG and research students intending to work in a laboratory with scientific instrumentation.
- Students preparing for Industrial jobs after completion of PG and Ph.D. degree.
- The course designed for 40 hrs under value added course.

### **The course objectives achieved:**

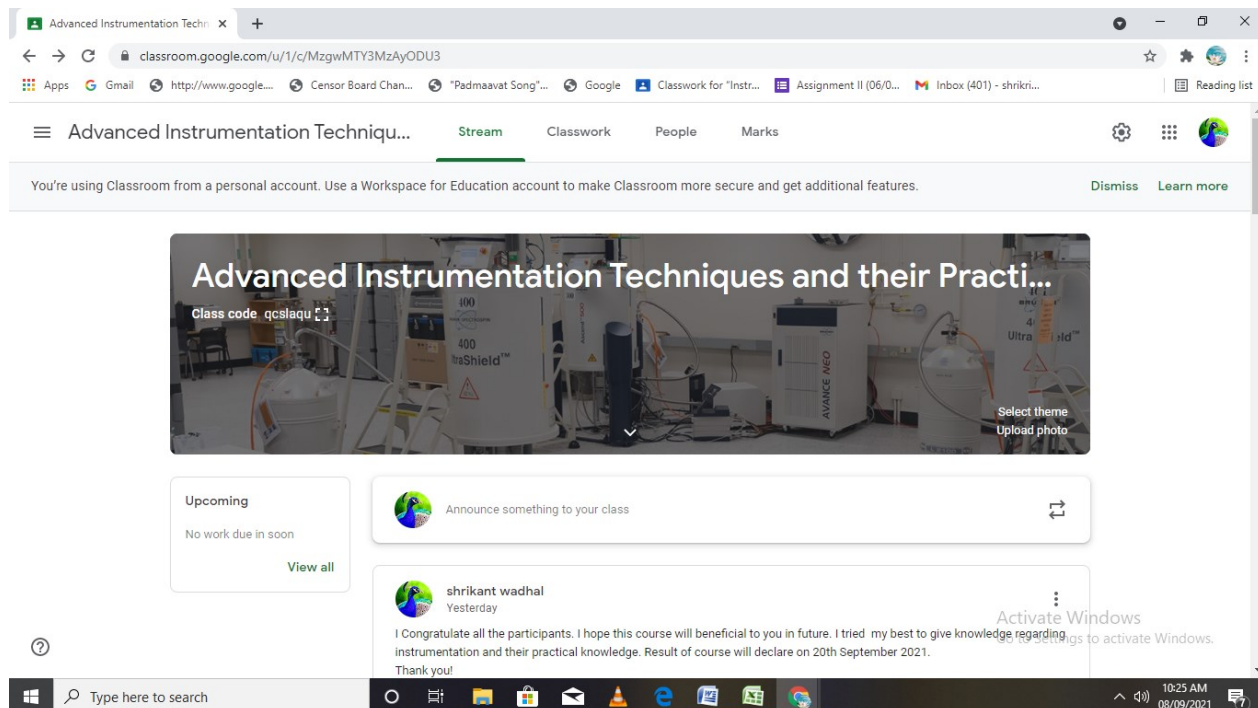
- To impart the required knowledge of Industrial Scope, Applications & Opportunities for Chemistry
- To impart the required knowledge, necessary skills & to provide the exposure to modern & sophisticated techniques of analysis that are being used all over the world including industries, government & public testing labs
- Theoretical knowledge of HPLC, Gas chromatography, IR, UV-Visible, XRD, Atomic Absorption Spectrophotometer, GCMS, Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES), Karl Fischer instrument, UV diffraction equipments.
- Practical knowledge on HPLC, Gas Chromatography and IR, XRD and UV-Visible, Atomic Absorption Spectrophotometer, GCMS, Karl Fischer instrument, ICP-OES, UV diffraction equipments.
- To operate and to maintain the HPLC, GC and IR and XRD equipments.
- Instrumentation, Calibration and their practical applications in Industries.
- Wide courage will be given to Trouble shooting, Operation and method development skills.
- Perform cleaning evaluation on equipment for drug substance and residual detergents.
- Interactive sessions were engaged on zoom meeting .In these sessions interaction between participants and resource persons were held to solve difficulties regarding problems in the instrumentations.

### **Details of the course (AITPA 2021) conducted :-**

The online education has become powerful response to assist this century's workforce in its growing need to acquire and develop skill. Total 154 participants from different colleges of

India admitted in this online three week course “AITPA 2021”. All the participants joined Google classroom for classwork. The details of Google classroom’s work with links are as follow

### Google Classroom for Classwork:



### Total Participants of the course:

classroom.google.com/u/1/r/MzgwMTY3MzAyODU3/sort-first-name

Advanced Instrumentation Techniqu... Stream Classwork **People** Marks

You're using Classroom from a personal account. Use a Workspace for Education account to make Classroom more secure and get additional features. [Dismiss](#) [Learn more](#)

### Teachers

shrikant wadhal

### Students

154 students

☐ Actions ⌵ A-Z

☐ Aafreen Hasan ⋮

☐ Aakanksha Pinjarkar ⋮

☐ Aftab Hussain ⋮

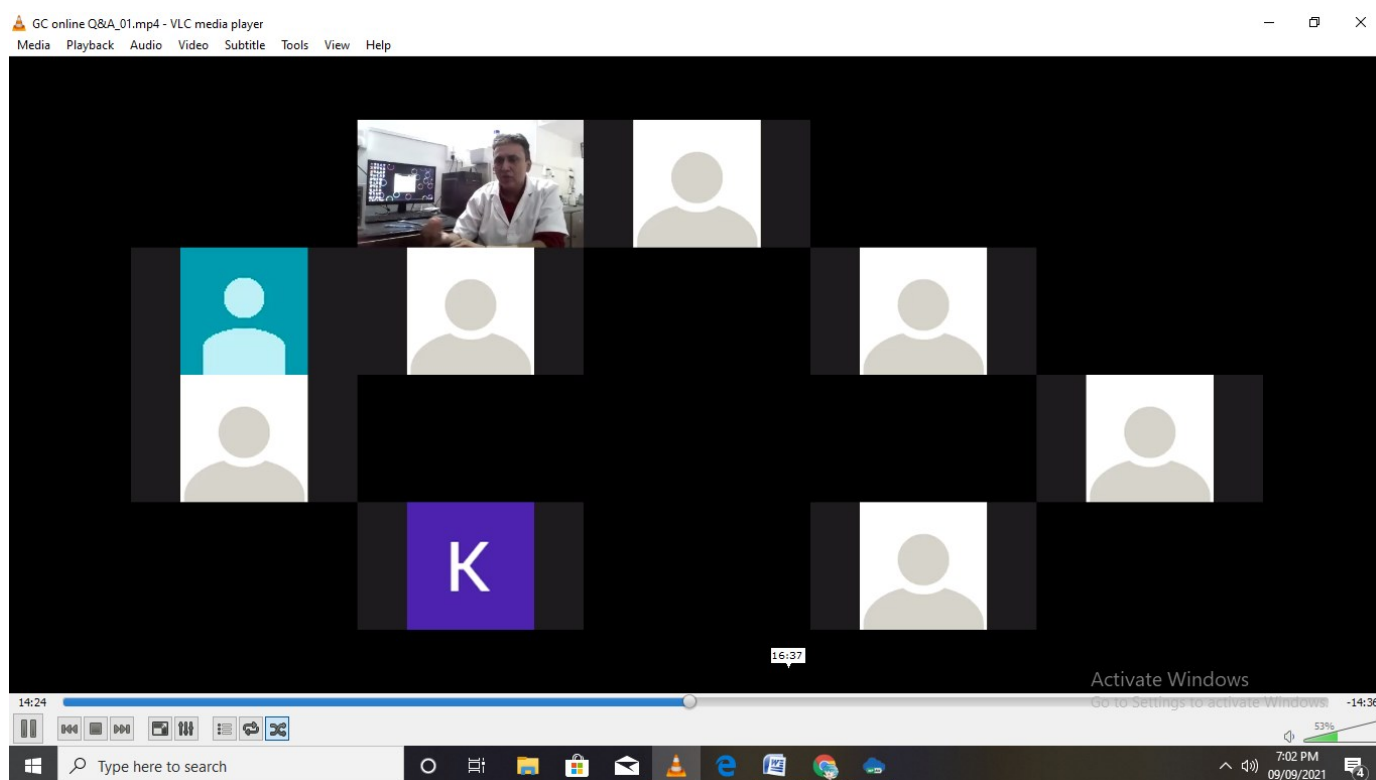
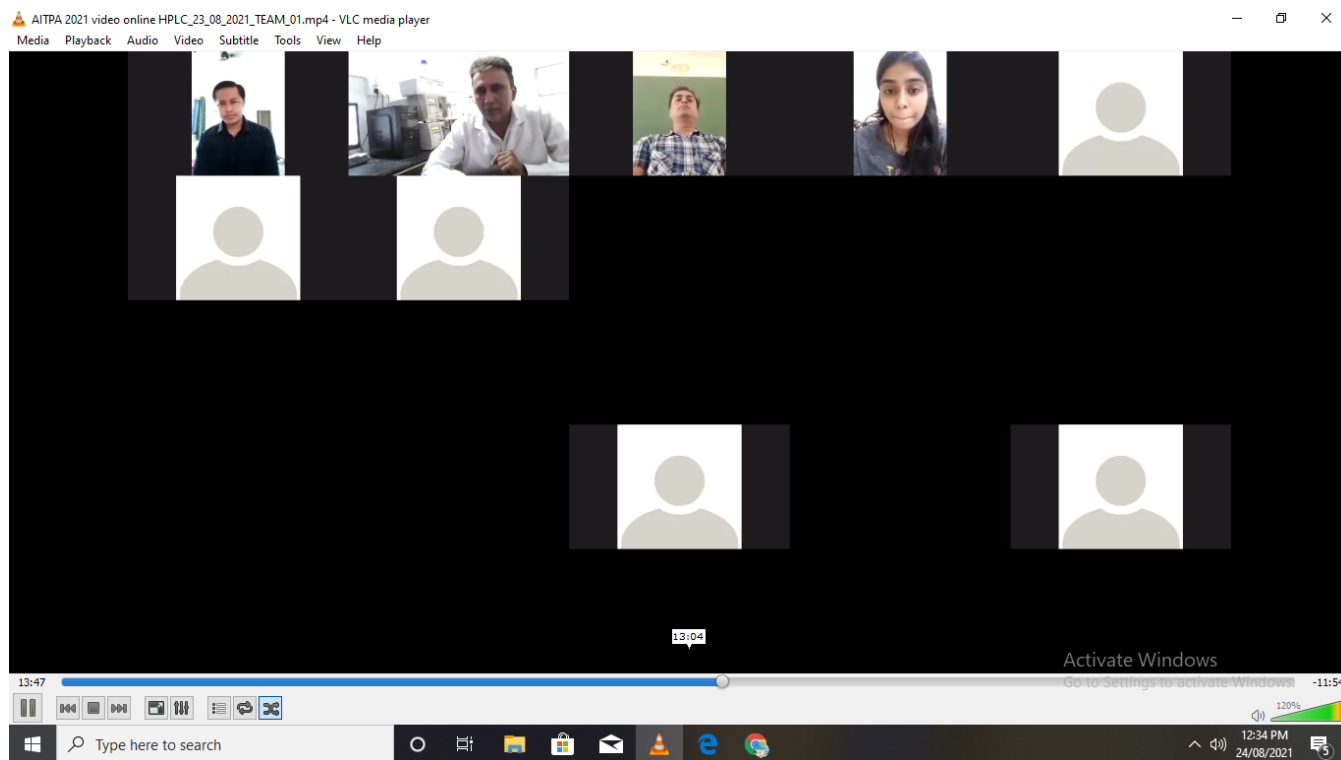
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08/09/2021

Online Sessions on Zoom:





**COURSE SESSIONWISE DETAILED INFORMATION WITH LINKS:**

These are the links of Theory, practical demonstration of HPLC, Gas chromatography, IR, UV-Visible, XRD, Atomic Absorption Spectrophotometer, GCMS, Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES), Karl Fischer instrument, UV diffraction equipments.

Date	Name of the Session	Link of the session
	Total Applications of the students for Participation in the course	<a href="https://docs.google.com/forms/d/1IzVSmlfbE-rPBgSf6hbs45PO3v0T2W_U45o091qPVf0/edit?usp=sharing">https://docs.google.com/forms/d/1IzVSmlfbE-rPBgSf6hbs45PO3v0T2W_U45o091qPVf0/edit?usp=sharing</a>
		<a href="https://classroom.google.com/c/MzgwMTY3MzAyODU3?cjc=qcslaqu">https://classroom.google.com/c/MzgwMTY3MzAyODU3?cjc=qcslaqu</a>
17/08/21	Session 1: Introduction and Description of the Course	<a href="https://drive.google.com/file/d/1Z042EXOO35xNk4lhUSdZ2y6kQJKLoD9i/view?usp=sharing">https://drive.google.com/file/d/1Z042EXOO35xNk4lhUSdZ2y6kQJKLoD9i/view?usp=sharing</a>
17/08/21	Session 2: Industrial Scope, Applications and Opportunities for Instrumental Techniques.	<a href="https://drive.google.com/file/d/1IQW_vZBOaJd1e5VesCrX-XaMF4pgo3R3/view?usp=sharing">https://drive.google.com/file/d/1IQW_vZBOaJd1e5VesCrX-XaMF4pgo3R3/view?usp=sharing</a>
18/08/21	Session 3: Introduction and Instrumentation of HPLC	<a href="https://drive.google.com/file/d/1LM0z_mhfljIO2KLqi9H2PkWSnPVUcC4I/view?usp=sharing">https://drive.google.com/file/d/1LM0z_mhfljIO2KLqi9H2PkWSnPVUcC4I/view?usp=sharing</a>
19/08/21	Session 4: Reversed phase and Normal phase HPLC	<a href="https://drive.google.com/file/d/1q2caopUgCweKzQ77o06lxH6g8tEBc7sx/view?usp=sharing">https://drive.google.com/file/d/1q2caopUgCweKzQ77o06lxH6g8tEBc7sx/view?usp=sharing</a>
20/08/21	Session 5: Preparation of Mobile Phase and Sample (Practical Demonstration)	<a href="https://drive.google.com/file/d/1T8U0B84oraVJg1UBa4FULrjHwch98lLn/view?usp=sharing">https://drive.google.com/file/d/1T8U0B84oraVJg1UBa4FULrjHwch98lLn/view?usp=sharing</a>
20/08/21	Session 06: Trouble Shooting: HPLC	<a href="https://drive.google.com/file/d/1kpHIBOzLuurfAzAqRp4BNbedsAgUmo2x/view?usp=sharing">https://drive.google.com/file/d/1kpHIBOzLuurfAzAqRp4BNbedsAgUmo2x/view?usp=sharing</a>
21/08/21	Session 7: Stationary phases and Mobile Phases in HPLC (Practical Demonstration)	<a href="https://drive.google.com/file/d/139n_rMAj5QoLh7iv1vDdLBy-gm_U695Q/view?usp=sharing">https://drive.google.com/file/d/139n_rMAj5QoLh7iv1vDdLBy-gm_U695Q/view?usp=sharing</a>
21/08/21	Session 8: Calibration of HPLC Part- I (Practical Demonstration)	<a href="https://drive.google.com/file/d/1DLWDq-T_LG_P4vsVBKqa5Nswvb_DnEv8/view?usp=sharing">https://drive.google.com/file/d/1DLWDq-T_LG_P4vsVBKqa5Nswvb_DnEv8/view?usp=sharing</a>
22/08/21	Session 9: Calibration of HPLC Part- II (Practical Demonstration)	<a href="https://drive.google.com/file/d/1KTh7Dp2HSn6AzVuAVjW3adM0df_muqSq/view?usp=sharing">https://drive.google.com/file/d/1KTh7Dp2HSn6AzVuAVjW3adM0df_muqSq/view?usp=sharing</a>
23/08/21	Session 10: Online Demonstration of HPLC on ZOOM	<a href="https://drive.google.com/file/d/1GVu4RRRFy9bpTfRjNjYT-9Mp-a0zizIVd/view?usp=sharing">https://drive.google.com/file/d/1GVu4RRRFy9bpTfRjNjYT-9Mp-a0zizIVd/view?usp=sharing</a>
23/08/21	Interactive session 11 on HPLC	Interactive session on Zoom
24/08/21	Assignment	<a href="https://docs.google.com/forms/d/1WwuBSjHJRYESWjrsSpBcRsUZxsh03le1rlbxTZd7DBA/edit?usp=sharing">https://docs.google.com/forms/d/1WwuBSjHJRYESWjrsSpBcRsUZxsh03le1rlbxTZd7DBA/edit?usp=sharing</a>
24/08/21	Session 12: Gas Chromatography: Theory and Instrumentation	<a href="https://drive.google.com/file/d/19ElozgYvxTZaViVd0xH7t7pum389NPJP/view?usp=sharing">https://drive.google.com/file/d/19ElozgYvxTZaViVd0xH7t7pum389NPJP/view?usp=sharing</a>
25/08/21	FeedBack Form	<a href="https://docs.google.com/forms/d/1HIK4tXGNloCY5HartITwtqZ44aGMCvgWQptkUk7Bryo/edit?usp=sharing">https://docs.google.com/forms/d/1HIK4tXGNloCY5HartITwtqZ44aGMCvgWQptkUk7Bryo/edit?usp=sharing</a>

25/08/21	Session 13: Practical Demonstration of GC ( PartI: 1)	<a href="https://drive.google.com/file/d/1koCj84i3j2ZnFp81bWdKOOl47aTJ1lzo/view?usp=sharing">https://drive.google.com/file/d/1koCj84i3j2ZnFp81bWdKOOl47aTJ1lzo/view?usp=sharing</a>
25/08/21	Session 14: Practical Demonstration of GC (Part : 2)	<a href="https://drive.google.com/file/d/12dUN7WgzlioST4NqpC64qSYmuHe0eTEg/view?usp=sharing">https://drive.google.com/file/d/12dUN7WgzlioST4NqpC64qSYmuHe0eTEg/view?usp=sharing</a>
26/08/21	Session 15: Calibration of Gas Chromatography ( Practical Demonstration) <b>Interactive Session on Zoom</b>	<a href="https://drive.google.com/file/d/1GwllIL932P-Wd0FC_s0YLqzEmNeUAH69/view?usp=sharing">https://drive.google.com/file/d/1GwllIL932P-Wd0FC_s0YLqzEmNeUAH69/view?usp=sharing</a>
26/08/21	Session 16: Infra Red Spectroscopy: Instrumentation and Working	<a href="https://drive.google.com/file/d/1ZKCOJXwsZEE5OgwYjKZ_k91jWYiQQLNu/view?usp=sharing">https://drive.google.com/file/d/1ZKCOJXwsZEE5OgwYjKZ_k91jWYiQQLNu/view?usp=sharing</a>
27/08/21	Session 17: Practical Demonstration of FTIR Instrument	<a href="https://drive.google.com/file/d/1afhPHZgGMqKqWAQhBvMTMH0PBty2ZUYR/view?usp=sharing">https://drive.google.com/file/d/1afhPHZgGMqKqWAQhBvMTMH0PBty2ZUYR/view?usp=sharing</a>
28/08/21	Session 18: Infra Red Spectroscopy: Theory and Interpretation of IR Spectral Problems.	<a href="https://drive.google.com/file/d/1g2YQ5DIATXQwbng11g-aQRah6PkLDYnR/view?usp=sharing">https://drive.google.com/file/d/1g2YQ5DIATXQwbng11g-aQRah6PkLDYnR/view?usp=sharing</a>
30/08/21	Session 19: Demonstration UV-Visible Spectrophotometer	<a href="https://drive.google.com/file/d/1-ezIHuicf_OMa9AXDla3g2tzV00MRqkh/view?usp=sharing">https://drive.google.com/file/d/1-ezIHuicf_OMa9AXDla3g2tzV00MRqkh/view?usp=sharing</a>
	Assignment	<a href="https://docs.google.com/forms/d/e/1FAIpQLSdJSj54DzDS1Cy8rbfPttP6DuIFcJ2q3FLLQxK6s445L7OpxA/viewform?authuser=0">https://docs.google.com/forms/d/e/1FAIpQLSdJSj54DzDS1Cy8rbfPttP6DuIFcJ2q3FLLQxK6s445L7OpxA/viewform?authuser=0</a>
31/08/21	Session 20: Instrumentation of X-Ray Diffraction	<a href="https://drive.google.com/file/d/1SejlQmYbggnFatRHn4X5L8zFA5erGwEA/view?usp=sharing">https://drive.google.com/file/d/1SejlQmYbggnFatRHn4X5L8zFA5erGwEA/view?usp=sharing</a>
31/08/20	Session 21: Practical Demonstration of X-Ray Diffractometer	<a href="https://drive.google.com/file/d/1_ekLUFjoj220PRrLBjr5tPU7YlfG531U/view?usp=sharing">https://drive.google.com/file/d/1_ekLUFjoj220PRrLBjr5tPU7YlfG531U/view?usp=sharing</a>
01/09/21	Session 22: Practical Demonstration of Atomic Absorption Spectrophotometer	<a href="https://drive.google.com/file/d/1lz31jqSu7gurE96_vfnVbcyqtYJcaP7U/view?usp=sharing">https://drive.google.com/file/d/1lz31jqSu7gurE96_vfnVbcyqtYJcaP7U/view?usp=sharing</a>
02/09/21	Session 23: Diffuse Reflectance Spectroscopy: Principles and Applications	<a href="https://drive.google.com/file/d/1EekPrH0cXuZTUDTezZc0TPtb-iFKMtWU/view?usp=sharing">https://drive.google.com/file/d/1EekPrH0cXuZTUDTezZc0TPtb-iFKMtWU/view?usp=sharing</a>
02/09/21	Session 24: Practical Demonstration of Diffuse Reflectance Spectroscopy	<a href="https://drive.google.com/file/d/1gsb3D_1Uw6-lqVgaVzXCVqt-Nj0DxDGG/view?usp=sharing">https://drive.google.com/file/d/1gsb3D_1Uw6-lqVgaVzXCVqt-Nj0DxDGG/view?usp=sharing</a>
03/09/21	Session 25: GC and GCMS : Theory and Basic Principles	<a href="https://drive.google.com/file/d/1DhdBrwH_BbIP_Jb5ZADpkmix7MCmr2v2/view?usp=sharing">https://drive.google.com/file/d/1DhdBrwH_BbIP_Jb5ZADpkmix7MCmr2v2/view?usp=sharing</a>
03/09/21	Session 26: Practical demonstration of GC and GCMS	<a href="https://drive.google.com/file/d/1xDTOArxPeyBrZys6Zr_JecxeyxfEr4Gx/view?usp=sharing">https://drive.google.com/file/d/1xDTOArxPeyBrZys6Zr_JecxeyxfEr4Gx/view?usp=sharing</a>
04/09/21	Session 27: Determination of water content by Karl Fisher Instrument	<a href="https://drive.google.com/file/d/10uZpQtCxGOHz9Eghnji0LD-Dv-KxKy3e/view?usp=sharing">https://drive.google.com/file/d/10uZpQtCxGOHz9Eghnji0LD-Dv-KxKy3e/view?usp=sharing</a>



05/09/21	Assignment	<a href="https://docs.google.com/forms/d/1-joSRED20fdb5MTr8mMszwCJd3NGEH9qzBO8l2yac/edit?usp=sharing">https://docs.google.com/forms/d/1-joSRED20fdb5MTr8mMszwCJd3NGEH9qzBO8l2yac/edit?usp=sharing</a>
05/09/21	Interactive Session 28:	Online on Zoom
05/09/21	Session 29: Calibration of UV –Visible Spectrophotometer	<a href="https://drive.google.com/file/d/1qT0Pbq7C6YObGlmUpw1XhF829V5N0TKy/view?usp=sharing">https://drive.google.com/file/d/1qT0Pbq7C6YObGlmUpw1XhF829V5N0TKy/view?usp=sharing</a>
06/09/21	Session 30: Inductively Coupled Plasma Optical Spectrometer (ICP-OES): Principles and Applications	<a href="https://drive.google.com/file/d/1lqvQp2uVt-9z4AS9g7l77OQB36bkAy5o/view?usp=sharing">https://drive.google.com/file/d/1lqvQp2uVt-9z4AS9g7l77OQB36bkAy5o/view?usp=sharing</a>
06/09/21	Session 31: Practical Demonstration of Inductively Coupled Plasma Optical Spectrometer (ICP-OES)	<a href="https://drive.google.com/file/d/1BLxLBJ3_cNQBsMHVbAcyhzGP4t5Vqw66/view?usp=sharing">https://drive.google.com/file/d/1BLxLBJ3_cNQBsMHVbAcyhzGP4t5Vqw66/view?usp=sharing</a>
07/09/21	Final Examination	<a href="https://docs.google.com/forms/d/1DJbZelcaeixpQDmQsnw2pW7km5HfoBPjUfD8QLvH7dM/edit?usp=sharing">https://docs.google.com/forms/d/1DJbZelcaeixpQDmQsnw2pW7km5HfoBPjUfD8QLvH7dM/edit?usp=sharing</a>
	RESULT	<a href="https://docs.google.com/document/d/1ECXnE2sb-YeTpwo_1NOgnCqNZ0-BLWN/edit?usp=sharing&amp;ouid=101977293547570055135&amp;rtpof=true&amp;sd=true">https://docs.google.com/document/d/1ECXnE2sb-YeTpwo_1NOgnCqNZ0-BLWN/edit?usp=sharing&amp;ouid=101977293547570055135&amp;rtpof=true&amp;sd=true</a>
	Exam Notice	<a href="https://docs.google.com/document/d/1D37yZ_Zw9BtUfyWfk5DxWXyz1IJTlI4c/edit?usp=sharing&amp;ouid=101559430702411812925&amp;rtpof=true&amp;sd=true">https://docs.google.com/document/d/1D37yZ_Zw9BtUfyWfk5DxWXyz1IJTlI4c/edit?usp=sharing&amp;ouid=101559430702411812925&amp;rtpof=true&amp;sd=true</a>
	FEEDBACK FORM FINAL	<a href="https://docs.google.com/forms/d/1r45nC1hgzh1edX6Et5kt4fiQp5D31YtGconZ3ezKMPw/edit?usp=sharing">https://docs.google.com/forms/d/1r45nC1hgzh1edX6Et5kt4fiQp5D31YtGconZ3ezKMPw/edit?usp=sharing</a>

## LIST OF PARTICIPANTS

( Out of 154 participants 108 participants qualified this course. The list of successful candidates with grade scored.)

( Grade A+ : Outstanding, A: Good, B: Satisfactory)

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RESULT SHEET	<a href="https://docs.google.com/document/d/1ECXnE2sb-YeTpwo_1NOgnCqNZ0-BLWN/edit?usp=sharing&amp;oid=101977293547570055135&amp;rtpof=true&amp;sd=true">https://docs.google.com/document/d/1ECXnE2sb-YeTpwo_1NOgnCqNZ0-BLWN/edit?usp=sharing&amp;oid=101977293547570055135&amp;rtpof=true&amp;sd=true</a>
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Shri Shivaji Education Society, Amravati's

## Shri Shivaji Science College, Amravati

Shivaji Nagar, Morshi Road, Amravati (MS)

NAAC Accredited by Grade 'A' with CGPA of 3.13 (Third Cycle), UGC Awarded Status of College with Potential for Excellence (Second Phase)  
Identified by DST, Govt. of India for FIST and Sant Gadge Baba Amravati University, Amravati as Lead College




**Online Three Week National Training Course on**  
**"Advanced Instrumentation Techniques and**  
**Their Practical Applications for PG and Research students"**

**Duration : 17<sup>th</sup> August, 2021 to 7<sup>th</sup> September, 2021**

### CERTIFICATE

*This certificate is awarded to*

**Prof. SHRIKANT ASHOKRAO WADHAL**

*has actively participated in design and development of curriculum on*  
*Online Three Week National Training Course on*  
*"Advanced Instrumentation Techniques and Their Practical Applications*  
*for PG and Research students" conducted by the Department of Chemistry*  
*during 17<sup>th</sup> August, 2021 to 7<sup>th</sup> September, 2021*



**Dr. H. S. Lunge**  
IQAC Co-ordinator



**Prof. Dr. G. N. Chaudhari**  
Principal

Grade : 'A+' >=80, 'A' >=65-79, 'B' > 50 - 64, No Certificate <50



Shri Shivaji Education Society, Amravati's  
**Shri Shivaji Science College, Amravati**  
 Shivaji Nagar, Morshi Road, Amravati (MS)

NAAC Accredited by Grade 'A' with CGPA of 3.13 (Third Cycle), UGC Awarded Status of College with Potential for Excellence (Second Phase)  
 Identified by DST, Govt. of India for FIST and Sant Gadge Baba Amravati University, Amravati as Lead College

**Online Three Week National Training Course on  
 "Advanced Instrumentation Techniques and  
 Their Practical Applications for PG and Research students"**

**Duration : 17<sup>th</sup> August, 2021 to 7<sup>th</sup> September, 2021**

**CERTIFICATE**

*This certificate is awarded to*  
**MAANYA BHARDWAJ**

**Position : PG Student Affiliation : Kalindi College, University of Delhi**

*For the successful completion of the Online Three Week National Training Course on  
 "Advanced Instrumentation Techniques and Their Practical Applications for PG and Research students"*  
*as prescribed and ported by Department of Chemistry during 17<sup>th</sup> August, 2021 to 7<sup>th</sup> September, 2021.*  
*He/She has successfully completed this online practical training course with practical and  
 theoretical knowledge of IR, UV-VIS, GC, HPLC, GCMS, UV-DRS, ATOMIC ABSORPTION  
 SPECTROPHOTOMETER, ICP-OES INSTRUMENTATION with A+ grade.*

  
**Dr. Shrikant A. Wadhal**  
 Course Co-ordinator

  
**Prof. Dr. G. N. Chaudhari**  
 Principal

Grade : 'A+' >=80 , 'A' >=65-79, 'B' > 50 - 64, No Certificate <50

**Dept of Botany, Biyani Science College, Amravati**

The path for Success: Tips and Guidance for NET/SET Exams in Life Sciences" and Winner Declaration Program for Slogan Competition conducted in the year 2021 [Click here for Activity Report](#)



### SOFTBALL TOURNAMENT

Softball training camp was jointly organized by Government Vidarbha Gyan Vigyan Sanstha Amravati and Shri Shivaji Vigyan Mahavidyalaya Amravati. A state-of-the-art softball court has been set up at Shivaji Vidarbha Jnan Vigyan Sanstha where software training and competitions are conducted on a regular basis. The training camp was jointly organized by the two colleges to make the college students aware of the latest rules as well as to be able to take softball lessons under the guidance of Dr. Abhijit Ingole, a softball coach available there and to help them win medals in the competition. The training camp was organized by the college students with great enthusiasm and they learned many nuances of the game of softball. The training camp was useful for them to participate in the competition and perform well. The training camp will be held from 12 to 22 December from 7 to 9 in the morning It was done between four and six in the evening.



### LIST OF PARTICIPANT

- |                                 |                                |
|---------------------------------|--------------------------------|
| 1. ROHIT SANTOSHRAO THAKRE,     | 8. VISHWESH DINESH SHENDE,     |
| 2. ATISH ARVIND TANTARPALE,     | 9. SURAJ VISHWASRAO SAMBHE,    |
| 3. ROHAN VILAS RAO RAMEKAR,     | 10. PRASHANT HEMSAGAR MESHRAM, |
| 4. GHANSHAM SANJAYRAO TAMBHAKE, | 11. SAHIL RUPCHANDR GORE,      |
| 5. BRIJESH SURESH RATHOD,       | 12. YASH PRAMODRAO MANKAR,     |
| 6. PRASHANT RAMKRUSHAN BIJAWA,  | 13. PAWAN RAJENDR WANKHADE     |
| 7. PRAJWAL GAJANAN KHANDARE,    |                                |



## Activities Under MoUs in year 2020 - 2021

Vidarbha Ayurved Mahavidyalaya, Amravati, Dhanwantari Nagar, Chhatra Talao Road, Amravati (MS)

### Guest Lecture on Leech Therapy:

On the occasion of inauguration of Zoological Society of PG students on 24<sup>th</sup> August 2019, a guest lecture was delivered by Dr Manjusha Kalmegh, Vidarbha Ayurvedic Mahavidhyalay, Amravati on the topic “Leech Therapy”.

Dr.N.V.Bhatkar Head of the Department. Dr.Jayashree D. Dhote, Dr.Gajanan Wagh, Mr.Khushal Ingale and Pratiksha Puranik were present on the dais during inaugural ceremony. This program was coordinated by Dr.Jayashree Dhote

Total 35 students from the PG department were participated in guest lecture on Leech Therapy.

### List of the participants for Guest Lecture :

Sr.No.	Name of the students	Sr.No.	Name of the students
1	Ms.A. N. Makeswar	19	Ms. Namrata Subhashrao Ingale
2	Ms. A. M. Wade	20	Ms. Shweta Vijay Telgote
3	Ms. A. V. Shrikhande	21	Ms. Kajal Shankar Marbate
4	Ms. B. N. Lukka	22	Mr.Arshid Hamid Khan
5	Ms. D. D. Jarode	23	Mr.Abhishek Ashok Dhikar
6	Ms. D. N. Raghatate	24	Ms. Tejaswini Nandkumar Yewle
7	Ms. K. V. Belsare	25	Ms. Anuradha Gajanarao Wakode
8	Ms. N. D. Anasane	26	Ms. Disha Rajendra Bharsakle
9	Ms. P. S. Raut	27	Ms. Apurva Gangadhar Wath
10	Ms.P. S. Dugane	28	Ms. Pallavi Puroshottam Tayde
11	Ms. R. R. Gupta	29	Ms. Ashwini Anil Kale
12	Ms. S. G. Bhatkar	30	Mr.Sumit Mohanrao Ambulkar
13	Ms. S. S. Shanware	31	Ms. Gauri Keshavrao Solanke
14	Ms. S. G. Kale	32	Mr.Pratik Sanjay Kolhe
15	Ms. Roshni Bhola Pandey	33	Mr.Ashwin Dilip Kale
16	Ms. Shraddha Rajendra Khanzode	34	Mr.Mohit P Gawande
17	Ms. Vaishnavi Subhash Dhamande	35	Ms. Prajakta Gawai
18	Ms. Sheetal Sudhakarrrao Niwane		





**Dr. J. D. Dhote giving guest introduction**



**Dr. Manjusha Kalmegh delivering lecture on Leech therapy**

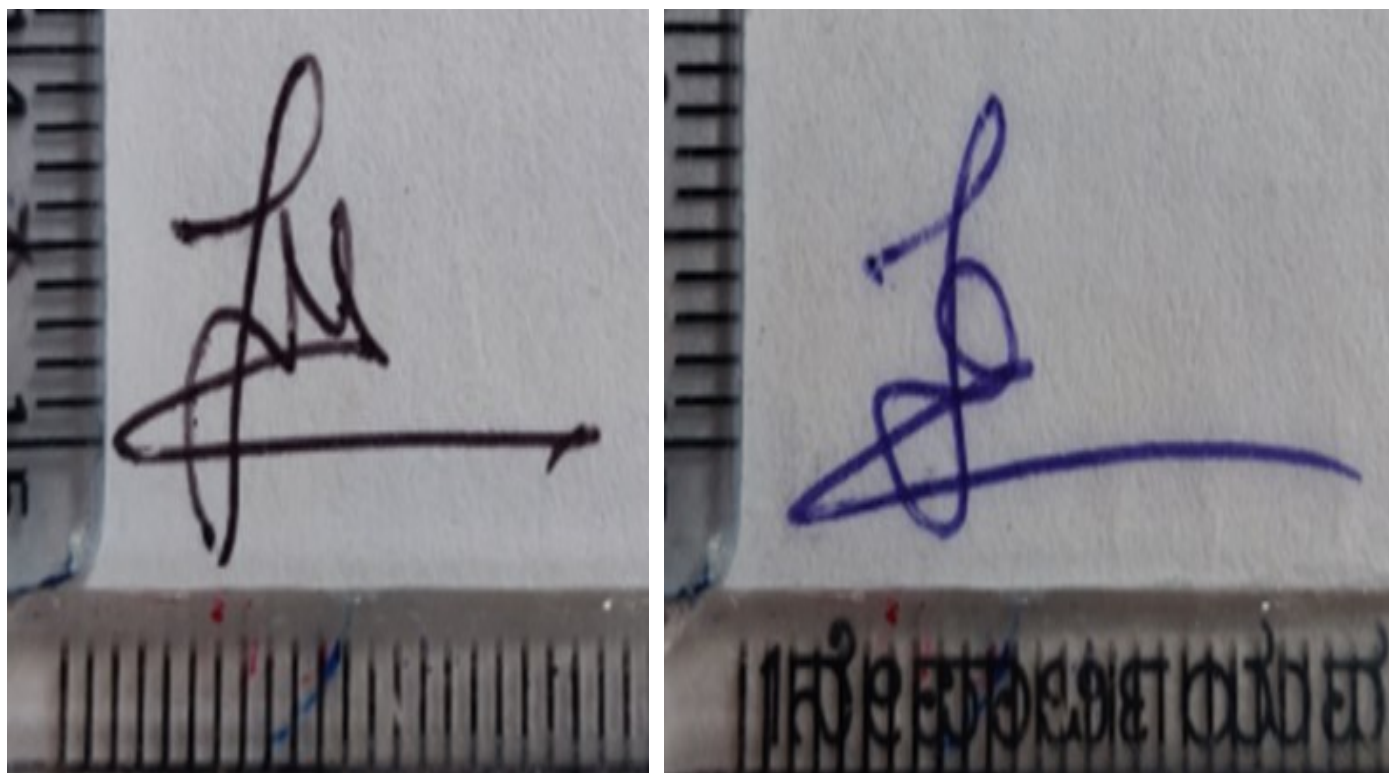


**MoU Exchange**

**Dr. Jayashree D. Dhote**  
Professor, Dept. of Zoology

**CLUE4 EVIDENCE FOUNDATION INDIA - Hands on training in analysing fraudulent documents**

Under the MoU signed between Shri Shivaji Science College and Clue4 Evidence Foundation India Hands on training in analysing fraudulent documents was conducted on 1<sup>st</sup> April 2021. Mr. B.N. Phaneendar, Managing Director of Clue4 Evidence Foundation specially invested his time in conduction of this training. The training was dedicated for Handwriting and Signature Analysis, in which students learned about the features of Handwriting and signatures, which are crucial for cases of fraudulent documents. Mr. Phaneendar and his staff of Forensic experts including Ms. Ipsita Sahoo and Ms. Priya Chatterjee, provided students with hands on training in analysing fraudulent documents



**Comparison between authentic and fraudulent signatures**

As the outcome of the training program the students got expertise in the following practices:

- Comparing signatures
- Marking their features
- Forming a thorough report on it.
- Distinguishing between fraudulent and authentic cheques.

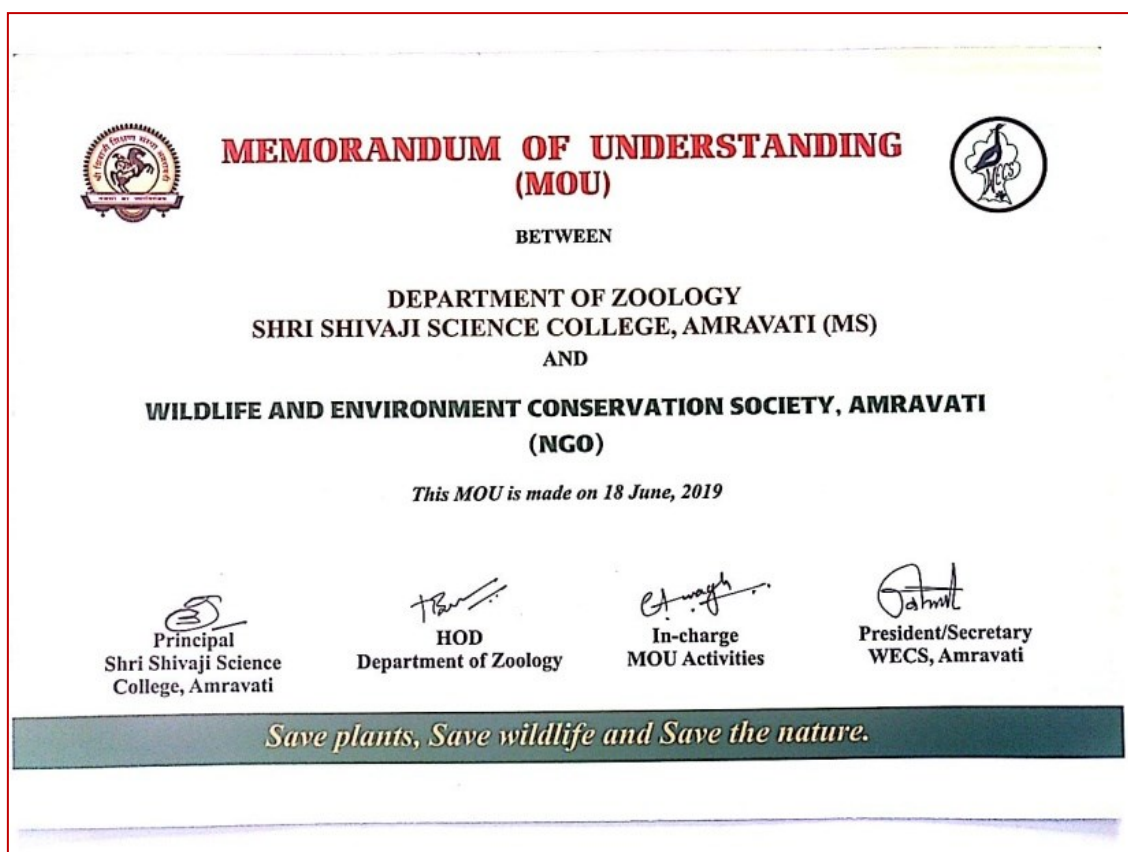
**List of the participants**

<b>Name</b>
1. Aishwarya B.Wahane
2. Akash B. Augad
3. Amisha Bangde
4. Arpita D. Gadge
5. Ayush Bopche
6. Gaurangi k. Madane
7. Gayatri J. More
8. Harish S. Chouthmal
9. Himani V. Gajbe
10. Himanshu A. Tagare
11. Ishwari P. Wankhade
12. Kirti A. Solanke
13. Kshitija S. Chimote
14. Ms Suvidha V. Nage
15. Muskan R. Gupta
16. Namrata P. Wankhade
17. Nandani D. Jadhav
18. Nilmani M. Giri
19. Palash R. Raut
20. Payal S. Borwar
21. Prathmesh A. Kogade
22. Purva A. Wankhade
23. Rutuja P. Meheshre
24. Rutuja R. Junghare
25. Sahil R. Gupta
26. Samruddhi D. Nawalkar
27. Shivam S. Salunke
28. Tejaswini V. Pundkar
29. Tushar S. Pawar
30. Unnati B. Dhakade
31. Vaibhavi R. Shende
32. Vedanti S. Chawande
33. Vishakha V. Ambhore



## Wildlife &amp; Environment Conservation Society (NGO)

2020-21

**Activities conducted by Zoology Department in collaboration With Wildlife & Environment Conservation Society:**

- 1) Clay Ganesh Idol Awareness Program
- 2) WildLife Week celebration
- 3) World Wetland Day Program
- 4) World Biodiversity day Program

**1) Clay Ganesh Idol Awareness Program:**

Environment Awareness program ie., Clay Ganesh Idol Program entitled “**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 on 8,9 & 10 September 2021. In all 06 students & 04 teachers of the department were participated in this environment awareness Program. More than 600 people from the Amravati region benefited from this environment protection activity.

**List of students participated in Clay Ganesh Idol Awareness Program :**

Sr.No.	Name of the students
1	Mr.Sashank Nagrale
2	Mr.Mohit Gawande
3	Mr.Jagdeo Iwane
4	Ku.Onam Tiirmare
5	Mr.Anand Mohod
6	Mr.Abhishekh Dhikar



**Department of Zoology staff & students participated in Environment Protection campaign**

**2 ) Wild Life Week program:**

To mark **the wildlife week 2020** celebration on 4-5 October 2020 Department of Zoology was organised the **online power Point presentation Competition & Rangoli Competition** in collaboration with Wildlife and Environment Conservation Society (WECS), Amravati. Theme for the Rangoli competition was **‘Face of Wildlife’** and for Power point presentation, **“Save Wildlife”**. In all 30 students were participated in Rangoli Competition & 11 students were participated in PPT creation & presentation Competition. Dr.G.A.Wagh was the coordinator of the Wildlife week Program.

**List of students participated in wildlife week competition Program :**

Sr.No.	Name of the students
1	Kalyani Santosh Kharat, Shri Vyankatesh College, Deulgaon Raja
2	Sakshi S. Tidke, Shri Vyankatesh College, Deulgaon Raja
3	Kajal Narayan Nikalje, Shri Vyankatesh College, Deulgaon Raja
4	Vaishnavi Vitthal Malode, Shri Vyankatesh College, Deulgaon Raja
5	Siddhi Suresh Bhorje, Shri Vyankatesh College, Deulgaon Raja
6	Maheshwari Mohan Punde, Shri Vyankatesh College, Deulgaon Raja
7	Varsha Vitthal Satbhai, Shri Vyankatesh College, Deulgaon Raja
8	Bhagyashri Anil Ghayal, Shri Vyankatesh College, Deulgaon Raja
9	Manisha Shivaji Shiralkar, Shri Vyankatesh College, Deulgaon Raja
10	Vaishnavi Gajanan Tidake, Shri Vyankatesh College, Deulgaon Raja
11	Komal Madhukar Girhe, Shri Vyankatesh College, Deulgaon Raja
12	Sakshi Kailas Wagh, Shri Vyankatesh College, Deulgaon Raja
13	Rutuja Ganesh Mhaske, Shri Vyankatesh College, Deulgaon Raja
14	Tejaswini Vishnu Zore, Shri Vyankatesh College, Deulgaon Raja
15	Sakshi Kailas Wagh, Shri Vyankatesh College, Deulgaon Raja
16	Prasanna Arun Sagane, Brijlal Biyani college, Amravati
17	Sakshi Tathod
18	Prerna Satish Wardhekar, Brijlal Biyani science college, Amravati
19	Sejal Sanjay Futane, Mahatma Fule mahavidyalaya Warud
21	Monali A. Vighe, Nanibhai College, B.Ed., Amravati
21	Madhavi Wankhade
22	Shweta Chahakar
23	sanjana dhote, Rajarshee Shahu Science College Chandur Railway
24	Sunita Gajananrao Kale, Shri Shivaji science College Amravati
25	Salia Joshi, VMV, Amravati
26	Wrushikesh Mahatre, G.S.College, Khamgaon
27	Prachi Ahir, Shivaji college, Amravati
28	Namarata N.Nimbhorkar Shri, Shivaji Sci.College, Amravati
29	Vaishnavi Gulahane, Bhartiya mahavidhyalaya, Amravati
30	Vrushali R.Ningote SGBUA, M.Sc.II Zoology



**Shri Shivaji Science College, Amravati**  
**DEPARTMENT OF ZOOLOGY**  
 in association with  
**Wildlife & Environment Conservation Society, Amravati**  
 organized Wildlife Week 2020

**PPT & Rangoli Competition on Wildlife**  
**Theme for Rangoli - Face of Wildlife & for PPT - Save Wildlife**

- UG / PG Student of Institute / College affiliated to S.G.B.A. University, Amravati can participate.
- Participants can send only one entry per person.
- Upload your Rangoli (Image) PPT (Max. 10 slide own created) according to above theme.
- Mention your name, institution, class, contact number details in the mail.
- Last date of submission of your entry for the competition is **12th October, 2020**.
- Result will be announced / convey between 15 to 20 Oct. 2020.
- The judges decision will be final.

**EXCITING PRIZES  
WILL BE GIVEN TO  
BEST ENTRIES.**

Send your entries on Email : [gajananwagh2014@gmail.com](mailto:gajananwagh2014@gmail.com) | WhatsApp No. 9822204070

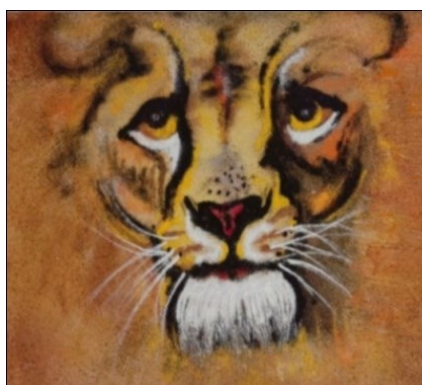
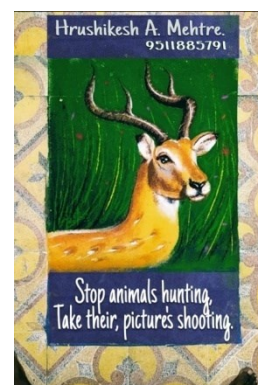
Convener  
**Dr. R. G. Jadhao**  
Head, Dept. of Zoology

Co-Convener  
**Dr. J. D. Dhote**  
Dept. of Zoology

Organizing Secretary  
**Dr. G. A. Wagh**  
Dept. of Zoology

Technical Committee Members  
**Dr. G.D. Hande** **Dr. R. A. Patil Bhagat**  
**Dr. S. J. Kawade**

**WORLD WILDLIFE WEEK-2020**  
Sustaining all life on Earth

1<sup>st</sup> prize in Rangoli2<sup>nd</sup> Prize Rangoli3<sup>rd</sup> Prize Rangoli1<sup>st</sup> Prize in PPT

**3) Wildlife Week- 2020 PPT & Rangoli Competitions on Wildlife**

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**Theme: PPT-Save Wildlife****Rangoli-Face of Wildlife**

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**Results****Rangoli Competition Results:**

- 1) Ku.Monali A.Vighe, Nanibai , B.Ed. College, Amravati
- 2) Ku. Sakshi Kailas Wagh, (B.Sc.III), Shri Vyankatesh Arts, Commerce and Science College, Deulgaon Raja, Dist-Buldana
- 3) Mr.Wrushikesh Mahatre, G.S.College, Khamgaon








**Power Point Preparation Results:**

- 1) Mr. Shashank Nagrale (B.Sc.II ),Shri Shivaji Science ,College, Amravati
  - 2) Ku. Maithali Delulkar(B.Sc.II), Shri Shivaji Science, College, Amravati
  - 3) Not found suitable
-



## 4) 'World Wetland Day- 2021'

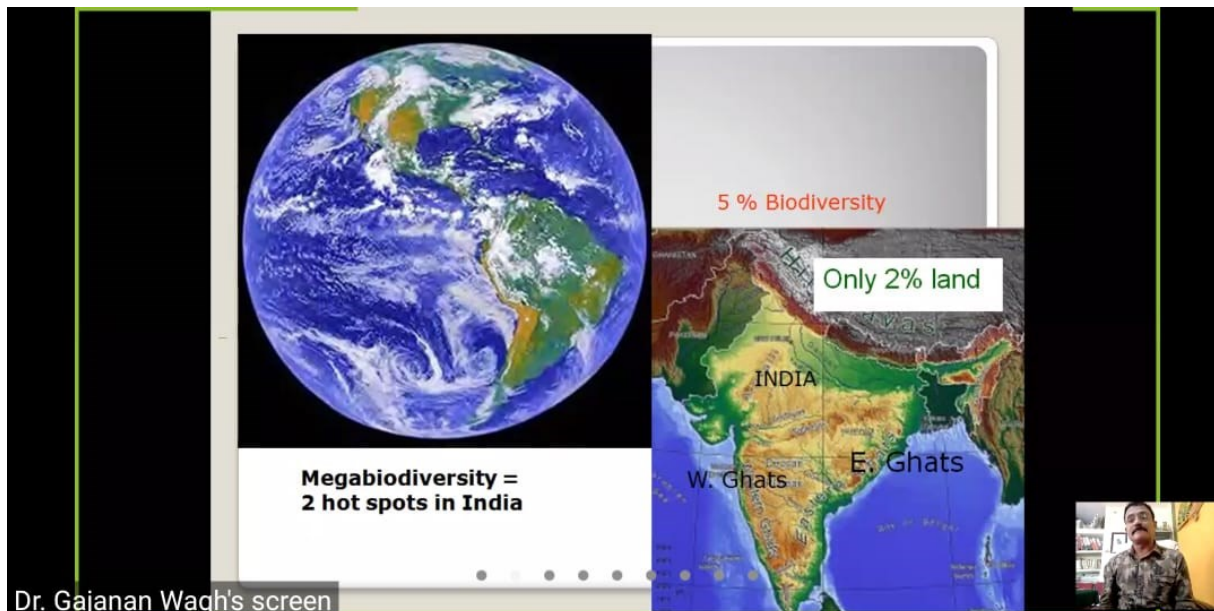
On the occasion of 'World Wetland Day- 2021', Bird watching program is organized at Chatri Lake in collaboration with Wildlife & Environment Conservation Society (WECS) on 2 Feb 2021. UG, PG & COP students were participated & observed the Resident birds, Migratory birds & their micro habitats in fresh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

 <p><b>Shri Shivaji Education Society, Amravati's</b>  <b>Shri Shivaji Science College, Amravati</b>          Accredited by NAAC with 'A' Grade &amp;          Identified by UGC-CPE, DST-FIST &amp; SGBAU-Lead College</p>  <p><b>Department of Zoology</b>  <b>World Wetland Day</b>  <b>Theme : Wetlands &amp; Water</b>  <b>Date : 02 February</b></p> 	
	
	
<p>Teaching staff &amp; students &amp; observing water birds &amp; their microhabitats at Chatri Lake wetland.</p>	



### 5) World Biodiversity day Program

On 22 May 2021 webinar was organized as a part of celebration of “**World Biodiversity day**”. On this occasion Dr. Jayant Wadadkar member of Maharashtra State Biodiversity Board & secretary, Wildlife & Environment Conservation Society, Amravati was delivered the lecture on “**Biodiversity, Wildlife & Forest Acts**”. UG, PG & COC students were attended the Webinars. Dr. G. A. Wagh was the program coordinator.



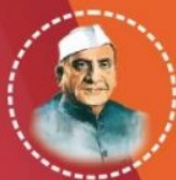
Virtual National Workshop on Skill Development and Prospective Avenue for Life Science Students Organized by Department of Botany Shri Shivaji Science College Amravati in Collaboration with Bharat Eco Solutions and Technologies, Pune

## **Report**

This virtual one-day workshop was a joint venture of Shri Shivaji Science College Amravati and Bharat Eco Solutions and Technologies, Pune on Solid waste Management and Entrepreneurship for building career in life Sciences. As the problems of waste is increasing day by day due to rapid urbanisation and unplanned development in various sectors; which are directly or indirectly affecting human lives due to lack of proper awareness in solid waste management practices. Through this workshop the participants understand segregation, processing and recycling of various materials. Through this workshop all students and participants got a framework and tools for self-evaluation, building strategies and constructing a plan to pursue the opportunities in the field of Life Science. Along with that they also become able to do Entrepreneurship and build carrier opportunities in the field of life science through this workshop.

### **Workshop Outcomes**

- ✓ Students and participants clearly understand the drawbacks of unmanaged waste materials.
- ✓ They also understand the bad effects of unmanaged wastes like spreading of severe diseases.
- ✓ Through this workshop all participants get trained and skilled with the techniques of segregation, processing and recycling of various waste materials.
- ✓ By the proper guidance of resource persons now all participants understand self-evaluation, building strategies.
- ✓ And finally they get a key for, how to construct a plan to pursue the career in the field of Life Science.



Shri Shivaji Education Society, Amravati's  
**Shri Shivaji Science College, Amravati**

NAAC accredited by "A Grade" CGPA 3.13 (3<sup>rd</sup> Cycle),  
UGC Awarded "College with Potential for Excellence" (2<sup>nd</sup> Phase)

Identified by DST, Govt. of India under FIST and  
Sant Gadge Baba Amravati University as "Lead College".

**Bharat Eco Solutions and  
Technologies, Pune**

Jointly Organizes Under Memorandum of Understanding

**Virtual National Workshop on  
Skill Development and  
Prospective Avenues for  
Life Science Students**

**Date : 20<sup>th</sup> September 2021**

**Time : 11.00am to 2.00pm**

■ **Chief Guest**

**Dr. Yash Pal Sharma**

Professor,  
Dept. of Botany, University of Jammu, Jammu  
Editor-in-Chief, KAVAKA

■ **Speaker**

**Dr. Ashish Polkade**

Director, Bharat Eco Solutions and Technologies, Pune

Registration link : <https://forms.gle/gxe6NeswtFwPNXLSA>

WhatsApp group link : <https://chat.whatsapp.com/IgQZASNVA35LKeBf6PRIHS>

Online Platform : [www.shivajiscamt.org](http://www.shivajiscamt.org)

You tube Link : <https://www.youtube.com/channel/UCrMe-WuzcIOsRH8Q8UTpspA>

Join Zoom Meeting : <https://us02web.zoom.us/j/87340259299?pwd=bXBveExPcHBjaU12N1R5ZjBPSnMwQT09>

Meeting ID: 873 4025 9299 | Passcode: BotanyWork

- Registration is Compulsory for Workshop
- No Registration Fee

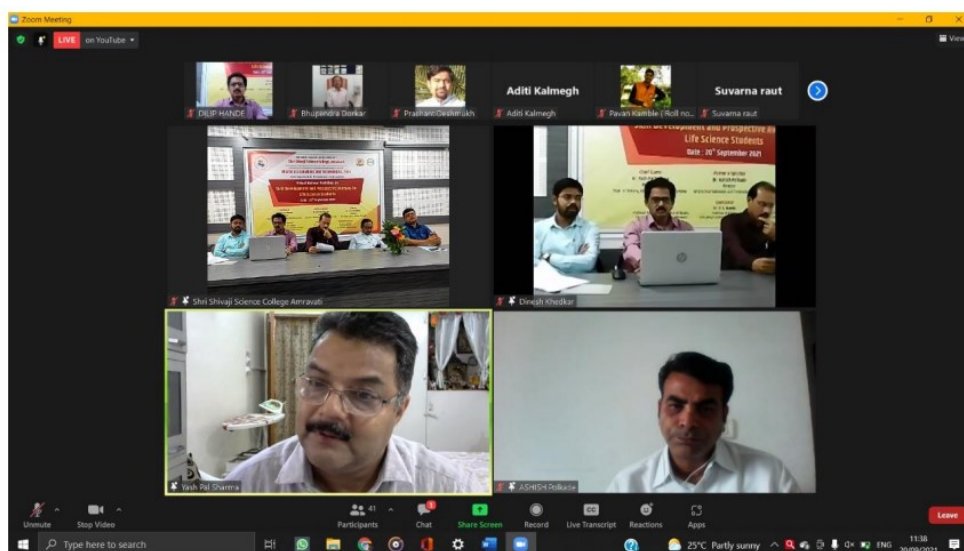
This program was conducted online on zoom platform and streamed live on official YouTube channel of Department of Botany, Shri Shivaji Science College, Amravati. (<https://studio.youtube.com/channel/UCrMe-WuzcIOsRH8Q8UTpspA>). Total 172 Students attended the program.



## Glimpse of the Workshop



**Chief Guest - Dr. Yashpal Sharma Professor, Department of Botany, University of Jammu, Jammu**  
Inspiring and Guiding Students to build career in Life Sciences



**Resource Person – Dr. Ashish Polkade, Director Bharat Ecsolutions and Technologies, Pune** Demonstrating the Techniques of segregation, processing and recycling of various waste materials.

**List of the Participants: Total 273 Participants attended the programme**

<https://docs.google.com/spreadsheets/d/1anpkOMuYGsWP8IOEWd8VqIvlyXJoas7TsVIRKH3T9Go/edit?usp=sharing>

**“The path for Success: Tips and Guidance for NET/SET Exams in Life Sciences” and Winner Declaration Program for Slogan Competition under MoU with Brijlal Biyani Science College, Amravati**

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 reflect that many students are being aware regarding importance of this topic.

**Aim 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.

For the workshops on NET SET Examination invited Chief Guest & Inaugurator was Dr. P. K. Naoghare, Senior Scientists, Environmental Impact and Sustainability Division, National Environmental Engineering Research Institute (NEERI), CSIR Lab, Nehru Marg, Nagpur along with the Speakers Mr. K. C. More, Assistant Professor, Department of Botany, Sant Gadge Baba Amravati University Amravati and Mr. G. S. Bajaj, Assistant Professor, Department of Botany, Brijlal Biyani Science College, Amravati including Mr. Shilanand Hiwrale, Assistant Professor, Vinayak Vidya Mahavidyalaya, Nandgaon (Kh.).

**Registration Link**      <https://forms.gle/LWPqihmmEUj7yyy98>

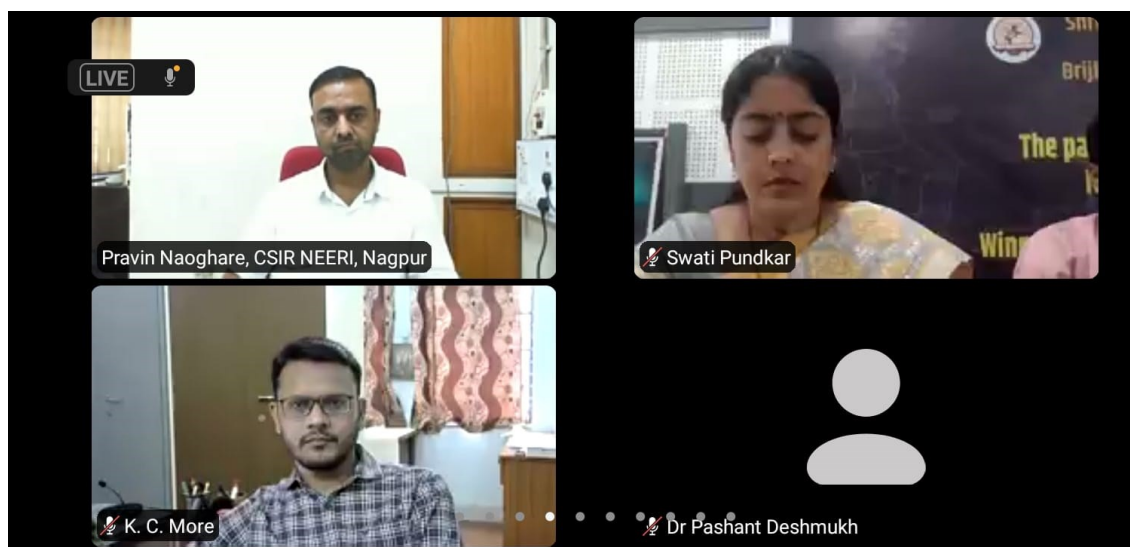
**Telegram Link**        [https://t.me/joinchat/fVHX\\_kgFp4g4MzE9](https://t.me/joinchat/fVHX_kgFp4g4MzE9)

**Feedback Link**        <https://forms.gle/JjaDZTzeZzhNcYT57>

**Online Platform:** Zoom, YouTube, College Website - [www.shivajiscamt.org](http://www.shivajiscamt.org)

E- Certificate given to participant.

## Winner of Slogan Competitions



This program was conducted online on zoom platform and streamed live on official youtube channel of Department of Botany, Shri Shivaji Science College, Amravati (<https://studio.youtube.com/channel/UCrMe-WuzcIOsRH8Q8UTpspA>).

The List the participants: [https://docs.google.com/spreadsheets/d/1-5ZiWQGmtXAgs25A-qSfGi7Id-Ly\\_cXeI866T\\_bERQY/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1-5ZiWQGmtXAgs25A-qSfGi7Id-Ly_cXeI866T_bERQY/edit?usp=sharing)



**Role of Geologist in Geotechnical field under MoU between Dept of Geology and Crustal Geotechnics, India**

Department of Geology, Shri Shivaji Science College, Amravati signed a Memorandum of Understanding (MoU) with Crystal Geotechnics India, Raigad for geotechnical studies. The purpose of the MoU is to promote mutually beneficial partnership between the parties in the field of geology. Awareness and exploration of the relationship between geology, geotechnology and people and better understanding of earth sciences.

**Online Field Visit:**

31 August 2021

Department of Geology, Shri. Shivaji Science College, Amravati in collaboration with Crustal Geotechnics India, organized online field visit at Mula dam Taluka- Rahuri, distict Ahmednagar. 58 students attended this online field visit. The purpose of this online field visit was to provide information and awareness about the field work, role of geologist in Geotechnical field. The training was imparted by Mr. Manoj Tupe and Mr. Amit Date, Engineering Geologist, Crustal Geotechnics India, and his colleagues.



**Department of Geology  
Shri Shivaji Science College, Amravati  
&  
Crustal Geotechnics India**



**Jointly organizing**

**Role of Geologist in Geotechnical Field  
( detailed express through Online Field Visit  
at Mula Dam Ta- Rahuri, Dist.- Ahmednagar)**

**- Resource Persons -**

**1. Mr. Manoj Tupe,  
Engineering Geologist,  
Crustal Geotechnics India.**

**2. Mr. Amit Date,  
Engineering Geologist,  
Crustal Geotechnics India**

**Date and Time**

**31 August 2021**

**At 2:00 pm**

**Dr. G. N. Chaudhari  
Offi. Principal  
Shri Shivaji Science College,  
Amravati**

**- Convenor -**

**Dr. Mayura M. Deshamukh  
Assistant Professor and Head  
Shri Shivaji Science College,  
Amravati**

**- Convenor -**

**Mr. Manoj Tupe  
Engineering Geologist,  
Crustal Geotechnics India**

**- Coordinator -**

**Mr. Saurabh K. Paunikar  
Assistant Professor  
Shri Shivaji Science College,  
Amravati**

**Join Telegram Group Link for program detail and joining link:**

**[https://t.me/joinchat/SCYK3mJOgowv\\_n5h](https://t.me/joinchat/SCYK3mJOgowv_n5h)**

**You Tube Link: <https://youtu.be/E01lhfpT-ng>**

**List of the participants****Student list for Online Field work**

SR. NO.	NAME	CLASS
1	SAYALI DINESH HORE	B.SC. III
2	ACHAL PRAMOD PATHARE	B.SC. II
3	VEDANT RAMESH WANKHADE	B.SC. I
4	PUNAM VISHWASRAO DESHMUKH	B.SC. III
5	SAKSHI SUDIR LUNGE	B.SC. III
6	SAURABH DNYANESHWARRAO SHENDE	B.SC. II
7	ROHIT JAYRAM DHIKAR	B.SC. I
8	SHWETAMBARI SHRINIVAS SATPUTE	B.SC. I
9	SAMIKSHA SHRIKRUSHNA GOWARDIPE	B.SC. I
10	KAJAL SUNIL MESHRAM	B.SC. I
11	TEJASWINI DADARAO CHAWARE	B.SC. III
12	DNYANESHWARI SANJAY FENDAR	B.SC. III
13	APEKSHA BAPURAOJI TALAN	B.SC. I
14	KALYANI VIRENDRA DHOLE	B.SC. III
15	SAKSHI SUDHIR CHOKHAT	B.SC. II
16	ATHARVA ARVIND NAYAB	B.SC. III
17	KIRAN JODHAN SONWANI	B.SC. III
18	SHLOKI AJAY KONDE	B.SC. I
19	BHAGYASHRI DADARAO KALANE	B.SC. I
20	VIVEK SANJAY GAIKWAD	B.SC. I
21	SARVESH PRASAD KAHALE	B.SC. III
22	SHREYAS SURENDRA KARALE	B.SC. I
23	SWAMI AMAR DESHMUKH	B.SC. I
24	UTKARSH HEMRAJ DESHMUKH	B.SC. I
25	SEJAL KISHOR KOMBE	B.SC. I
26	ABHISHEK D GUDADHE	B.SC. III
27	HARSHITA NANDKUMAR GHODESWAR	B.SC. III
28	DIVYA PRAKASH PATINGE	B.SC. II
29	SAKSHI UMAKANT DESHMUKH	B.SC. II
30	ABHIJIT SUNIL DHANDE	B.SC. I
31	SANKET ARVIND BADWAIK	B.SC. I
32	VAISHNAVI GAJANAN WAYKAR	B.SC. II
33	VAISHNAVI RAJESH KHADSE	B.SC. II
34	SHANTANU UMESH KONDHEKAR	B.SC. I
35	SHIVANI SANJAY DHOBAL	B.SC. III
36	JANAVI ANIL TAYWADE	B.SC. II
37	SAKSHI PRAMOD PARKHI	B.SC. II
38	MAHIMA JAIKUMAR GADLINGE	B.SC. III
39	VRUTVIK VILASRAO MALODE	B.SC. III
40	OM VILAS SHINDE	B.SC. III
41	JANHAVI PRABHUDAS NETANRAO	B.SC. III
42	VAISHNAVI VITTHALRAO DHOLE	B.SC. III
43	SAKSHI GANESHRao KADU	B.SC. III
44	ABHIJEET SUNIL TAYADE	B.SC. I
45	BHARTI PRABHAKAR DOLAS	B.SC. II
46	SAMIKSHA RAJKUMAR DEOLE	B.SC. III
47	DIVYANI ANIL MAWASKAR	B.SC. II
48	NIKITA DHANRAJPANT BOHARUPI	B.SC. III
49	AADITYA PARMESHWAR KHANDEKAR	B.SC. II
50	VAISHNAVI BHUPENDRA CHAUHAN	B.SC. III
51	NEHA GUNVANTRAO BANSOD	B.SC. III



52	ASMITA HARIRAM DAHIKAR	B.SC. II
53	AKANKSHA ARUNRAO UKE	B.SC. II
54	NEHA ASHOKRAO WANKHADE	B.SC. III
55	SHAMAL DEVIDAS TARASE	B.SC. III
56	SHRUTIKA SHYAM YADAV	B.SC. II
57	PRIYANKA PRAVIN SHARMA	B.SC. III
58	MOHINI DAMODAR KATHOLE.	B.SC. III

### Groundwater Management and Groundwater Science Online Training Program under MoU with Urdhvam Environmental Technologies Pvt. Ltd.

Department of Geology, Shri Shivaji Science College, Amravati signed Memorandum of Understanding (MoU) with Urdhvam Environmental Technologies Pvt. Ltd., Pune for groundwater studies. The purpose of the MoU is to promote mutually beneficial partnership between the parties in the field of geology. Awareness and exploration of the relationship between geology, groundwater and people, and a better understanding of the earth sciences.



### Groundwater Management and Groundwater Science Online Training Program (4 days)

(July 16 to July 19, 2021)

Department of Geology, Shri. Shivaji Science College, Amravati in collaboration with Urdhvam Environmental Technology Pvt. organized online training program on Groundwater Management and Groundwater Science. In this training, 46 students registered in Google registration form and 35 successful trainees were also given certificates. The purpose of this training was to provide information and awareness on groundwater management and groundwater science. The training was imparted by Mr. Bakre, CEO, Urdhvam and his colleagues.

*Shri. Shivaji Science College, Amravati*  
*Department of Geology in Collaboration with Urdhvam Environmental technologies*  
*Pvt. Ltd.*

## Presents Online Advanced Training Program

# On Applied Tools, Techniques in Groundwater Management

### Training details

- Total Duration of Training: 4 days
- Dates for training: 16<sup>th</sup> July to 19<sup>th</sup> July 2021
- (Training will commence at 6.00 PM to 08 PM)



**Urdhvam Environmental technologies Pvt. Ltd.**  
 Row House 7, Shroff Solena,  
 Baner - Mahalunge Rd, opposite Orchid Hotel,  
 Mahalunge, Pune, Maharashtra 411045

Language: English

### Contact Person

Dr. M.M. Deshmukh  
 E mail - sscgeology@gmail .com

Click the following link for Online Training Registration :

<https://forms.gle/975p5HBGPPUizCFA7>

## Student list for training

SR. NO.	NAME	CLASS
1	VEDANT RAMESH WANKHADE	1ST YEAR
2	VIVEK SANJAY GAIKWAD	1ST YEAR
3	SHREYAS KARALE	1ST YEAR
4	SWAMI AMAR DESHMUKH	1ST YEAR
5	KAJAL SUNIL MESHRAM	1ST YEAR
6	SAMIKSHA RAJKUMAR DEOLE	3RD YEAR
7	PUNAM VISHWASRAO DESHMUKH	3RD YEAR
8	SHAMLEE GAJANAN PATHARE	2ND YEAR
9	SAKSHI GANESHRAO KADU	3RD YEAR
10	SAYALI DINESH HORE	3RD YEAR
11	SHWETAMBARI SHRINIVAS SATPUTE	2ND YEAR
12	SAKSHI UMAKANT DESHMUKH	2ND YEAR
13	NEHA GUNVANT BANSOD	3RD YEAR
14	APEKSHA BAPURAOJI TALAN	1ST YEAR
15	DIVYA PRAKASH PATINGE	2ND YEAR
16	ABHIJEET SUNIL TAYADE	1ST YEAR
17	SUMIT DILIPRAO WAKEKAR	3RD YEAR
18	KIRAN JODHAN SONWANI	3RD YEAR
19	JANHABI PRABHUDAS NETANRAO	3RD YEAR
20	SHLOKI AJAY KONDE	1ST YEAR



21	SHANTANU UMESH KONDHEKAR	1ST YEAR
22	SHRUTIKA SHYAMLAL YADAV	2ND YEAR
23	SAMIKSHA SHRIKRUSHNA GOWARDIPE	1ST YEAR
24	NEHA ASHOKRAO WANKHADE	3RD YEAR
25	RUTUJA BABANRAO GAWAI	3RD YEAR
26	ABHISHEK DIPAK GUDADHE	3RD YEAR
27	TEJASWINI DADARAO CHAWARE	3RD YEAR
28	ATHARVA ARVIND NAYAB	3RD YEAR
29	PRIYANKA PRAVIN SHARMA	3RD YEAR
30	AAKANKSHA NARENDRA DAWARE	2ND YEAR
31	VAIBHAV DADARAO MORSHE	1ST YEAR
32	ARYA VIVEK THAKARE	1ST YEAR
33	BHAGYASHRI DADARAO KALANE	1ST YEAR
34	HARIKESH RAJESH GAWANDE	1ST YEAR
35	PRAJWAL N. DESHMUKH	3RD YEAR
36	YASH ANILRAO TOPLE	2ND YEAR
37	TEJASWINI BALASAHEB KHOBRAGADE	3RD YEAR
38	AADITYA PARMESHWAR KHANDEKAR	2ND YEAR
39	SAKSHI SUDHIR CHOKHAT	2ND YEAR

**Research Publications under the Memoranda Signed between Dept of Physics, Shri Shivaji Science College and RLT College of Science, Akola**

Sr. No.	Title of the Activity	Title of the publication
1	Joint Research Papers in Journal (P.A. Nagpure & S.R. Jaiswal)	Improvement of quantum efficiency through Gd <sup>3+</sup> to Eu <sup>3+</sup> energy transfer in YF <sub>3</sub> phosphor, Luminescence (Wiley) <u>Volume 36, Issue 6</u> , 2021 ( <a href="https://doi.org/10.1002/bio.4066">https://doi.org/10.1002/bio.4066</a> )
2	Joint Research Papers in Conference Proceedings (P.A. Nagpure & S.R. Jaiswal)	Energy Transfer Process in MgF <sub>2</sub> : Gd <sup>3+</sup> , Eu <sup>3+</sup> Phosphor : Application to Visible Quantum Cutting, International e-Conference on RECENT ADVANCES IN MATERIAL SCIENCE AND NANOTECHNOLOGY-2021 (IJSRST Volume 8 - Issue 1)
3	Joint Patent (P.A. Nagpure & S.R. Jaiswal)	Synthesis of Visible Quantum Cutting Phosphor(Y,Gd)PO <sub>4</sub> :Tb for Mercury Free Fluorescent Lamps, Granted on 3 November 2021



Australian Government

IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2021105442

The Commissioner of Patents has granted the above patent on 3 November 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

Pankaj Ambadasji Nagpure of Shri Shivaji Science College, Shivaji Nagar, Morshi Road Amravati Maharashtra 444603 India

Shailesh Ramnarayan Jaiswal of Shri R.L.T. College of Science Akola Maharashtra 444001 India

Shreeniwas Kerba Omanwar of Department of Physics, Sant Gadge Baba Amravati University Amravati Maharashtra 444602 India

**Title of invention:**

SYNTHESIS OF VISIBLE QUANTUM CUTTING PHOSPHOR  $\text{MPO}_4: \text{Tb}^{3+}$  ( $\text{M} = \text{Y}, \text{Gd}$ ) FOR MERCURY FREE FLUORESCENT LAMPS

**Name of inventor(s):**

Nagpure, Pankaj Ambadasji; Jaiswal, Shailesh Ramnarayan and Omanwar, Shreeniwas Kerba

**Term of Patent:**

Eight years from 13 August 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 3<sup>rd</sup> day of November 2021

Commissioner of Patents

**PATENTS ACT 1990**

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.



**Extracts from the Patents Act, 1990**

<b>Sec 120(1A)</b>	Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.
<b>Sec 128</b>	<b>Application for relief from unjustified threats</b>
(1)	Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for: <ul style="list-style-type: none"> <li>(a) a declaration that the threats are unjustifiable; and</li> <li>(b) an injunction against the continuance of the threats; and</li> <li>(c) the recovery of any damages sustained by the applicant as a result of the threats.</li> </ul>
(2)	Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.
<b>Sec 129A</b>	<b>Threats related to an innovation patent application or innovation patent and courts power to grant relief.</b>
	<i>Certain threats of infringement proceedings are always unjustifiable.</i>
(1)	If: <ul style="list-style-type: none"> <li>(a) a person: <ul style="list-style-type: none"> <li>(i) has applied for an innovation patent, but the application has not been determined; or</li> <li>(ii) has an innovation patent that has not been certified; and</li> </ul> </li> <li>(b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be; then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.</li> </ul>
	<i>Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent</i>
(2)	If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.
	<i>Courts power to grant relief in respect of threats made by the patentee of certified innovation patent</i>
(3)	If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.
<b>Schedule 1</b>	<b>Dictionary</b>
	<b>certified</b> , in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent