

7.1.6 Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:

Sr No.	DVV Received	Clarification
1	Please provide the scanned images of 1. policy document highlighting the section in the handbook/calendar mentioning the policy, on the green audit, attested by Principal	Document is attached as per DVV
2	2. Certificates of the awards received from the recognized agency, attested by Principal.	Document is attached as per DVV
3	3. Report on environmental promotional activities conducted beyond the campus, attested by Principal, with geo tagged photographs with caption and date, if available.	Document is attached as per DVV
4	4. Please provide screenshot of web pages of the college website mentioning the green policy.	Document is attached as per DVV
5	5. Please provide certified English translated documents not in regional language.	Document is attached as per DVV



Dablu
JIC Principal
 Pravara Rural Education Society's
 Arts, Commerce, Science & Computer
 Science College, Ashvi Kd.
 Tal. Sangamner, Dist. A. Nagar, Pin- 413738

**1. Policy document highlighting Green
audit**



- Green campuses I/C prepare a report based on site Engineer report and submit to the Campus Director/ Principal.

AUDIT

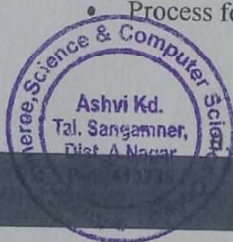
- The intention of organizing Green/Energy/Water Audit is to upgrade the environment condition in and around the institutes, colleges, companies and other organizations.
- Awareness program related to green campus initiative should be conducted.
- The objective of carrying out Green/Energy/Water Audit is securing the environment and cut down the threats posed to human health.
- To make sure that rules and regulations are taken care of
- To avoid the interruptions in environment that are more difficult to handle and their correction requires high cost.
- To suggest the best protocols for adding to sustainable development
- Yearly audit should be done.

PLASTIC BAN POLICY

- Ban on the use of plastic in all important parts of College.
- Awareness program related to Ban on use of plastic should be conducted.
- To all teaching and non teaching staff ban on plastic is mandatory.
- Promote to all staff as well as students to use alternate solution om plastic viz use of paper folders, jute files, cloth bags, etc.

COLLECTION AND SEGREGATION OF GENERATED WASTE

- **Say NO to Plastics:** The first and most critical element for success of waste management is the rejection of non-biodegradable materials such as plastic covers and plastic bottles etc.
- **Say Yes to Plastic Alternatives:** Instead of plastic, utilize biodegradable materials such as cloth bags, jute baskets, reusable bags, reusable glass bottles etc.
- Process for replacing plastic bottles and bags:



ATTESTED

Ashvi
T/C Principal

Affiliated to Savitribai Phule Pune University, Pune
D.No. PU/AN/ACS & CS /066/2001) Phone (02425) 240051 Fax : 02425 - 240051

Tal. Sangamner, Dist. Ahmednagar, Pin - 413 738
Email ID : ashvicollege@pravara.in Web : www.pravara.in/acshes_ashvi

2. Attested copies of award certificate with English translation

Note that for A.Y 2019-20 and 2018-19 both attested copies of certificate along with their English translation is provided as below.

Establishment Dt. 12/03/1956

Grampanchayat Office, Ashwi Khurd

Tal-Sangamner, Dist-Ahmednagar

Dt. 15/08/2019

Certificate

This is to certify that, on behalf of Grampanchayat, Ashwi Khurd **Arts, Commerce, Science and Computer Science College, Ashwi Khurd** has been awarded with the

Green and Clean Campus Award

This award is valid for the period from April 2019 to March 2020.

Sd/-

Yours Faithfully



ATTESTED

Dable
TIC Principal

Arts, Commerce, Science & Comp College, Ashwi Khurd
Tal. Sangamner, Dist. Ahmednagar 413738



(स्थापना दि. १२/३/१९९६)
ग्रामपंचायत हा लोकशाहीचा खरा पाया आहे.



ग्रामपंचायत कार्यालय, आश्वी खुर्द

ता. संगमनेर, जि.अहमदनगर

जा.क्र.-

दि.१५/०८/२०१९



प्रमाणपत्र

प्रमाणित करण्यात येते की, आश्वी खुर्द ग्रामपंचायत च्या वतीने कला, वाणिज्य, विज्ञान व संगणकशास्त्र महाविद्यालय, आश्वी खुर्द या महाविद्यालयास

"Green and Clean Campus"

हा पुरस्कार जाहीर करण्यात येत आहे. सदर पुरस्कार हा एप्रिल २०१९ ते मार्च २०२० या कालावधीसाठी वैध असेल.

ग्रामसेवक
ग्रामपंचायत, आश्वी खुर्द
ता. संगमनेर, जि. अ. नगर

उपसरसंच
ग्रामपंचायत आश्वी खुर्द

संस्थेचे
ग्रामपंचायत, आश्वी खुर्द
ता. संगमनेर, जि. अ. नगर



ATTESTED

Principal

Arts, Commerce, Science & Comp. College, Ashvi Kd
Tal. Sangamner, Dis. Ahmednagar 413738

Establishment Dt. 12/03/1956

Grampanchayat Office, Ashwi Khurd

Tal-Sangamner, Dist-Ahmednagar

Dt. 15/08/2018

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Yours Faithfully



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Dabe
Principal

Arts, Commerce, Science & Comp. College Ashwi Khurd
Tal. Sangamner, Dist. Ahmednagar - 413738



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जा.क्र.



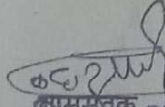
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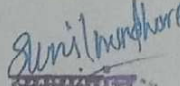
प्रमाणपत्र

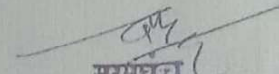
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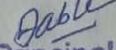

ग्रामपंचायत अधिकारी
ग्रामपंचायत, आश्वी खुर्द
ता. संगमनेर, जि. अ. नगर


ग्रामपंचायत आश्वी खुर्द


ग्रामपंचायत, आश्वी खुर्द
ता. संगमनेर, जि. अ. नगर



ATTESTED


Principal

Arts, Commerce, Science & Comp. College Ashvi Khurd
Tal. Sangamner, Dis. Ahmednagar 413738

3. Reports on Environmental promotion activity (Year wise)



Environmental Promotion Activity Report

The initiatives of Arts, Commerce, Science and Computer Science College are devoted to champion the conservation and promotion of life on earth. Various environmental promotion activities are arranged beyond the campus.

Following programs was organized beyond the campus during the given period. The summary of the program conducted is as bellow.

Academic Year	Sr. No.	Title of Activity
2019-20	1.	Tree Plantation & Cleanness Programme
	2.	Pravara Ganesh Festival
	3.	Gram Swachhata Abhiyan
	4.	Awareness of Renewable Energy
	5.	Vermi-compost practice
	6.	Pest control management
	7.	Soil water analysis Practice
	8.	Weather prediction practice
	9.	Rally for cleanness
	10.	Science on wheel program
2018-19	1.	Tree Plantation
	2.	Pravara Ganesh Festival
	3.	Gram Swachhata Abhiyan
	4.	Awareness of Renewable Energy
	5.	Vermi-compost practice
	6.	Pest control management
	7.	Soil water analysis Practice
	8.	Weather prediction practice
	9.	Science on wheel program
2017-18	1.	Tree Plantation





LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S
**ARTS, COMMERCE, SCIENCE &
COMPUTER SCIENCE COLLEGE**
ASHVI KD

	2.	Pravara Ganesh Festival
	3.	Water analysis
	4.	Gram Swachhata Abhiyan
	5.	Science on wheel program
2016-17	1.	Tree Plantation & Clean campus
	2.	Pravara Ganesh Festival
	3.	Water analysis
	4.	Gram Swachhata Abhiyan
	5.	Science on wheel program
2015-16	1.	Tree Plantation & Cleanness Programme
	2.	Pravara Ganesh Festival
	3.	Water analysis
	4.	Gram Swachhata Abhiyan
	5.	Science on wheel program



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D. D. Dablu
Principal
Arts, Commerce, Science & Comp. College, Ashvi Kd
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(I.D.No. PU/AN/ACS & CS /066/2001) Phone (02425) 240051 Fax : 02425 - 240051

Tal. Sangamner, Dist. Ahmednagar, Pin - 413 738
Email ID : ashvicollege@pravara.in Web : www.pravara.in/acsbcs_ashvi

Title of Activity: Tree Plantation

On 14/12/2015 Arts, commerce, Science and Computer Science College, Ashvi.K.D, successfully completed the event of tree plantation under the National Service Scheme at Ashvi k.d. The Volunteers initially dig out and then planted trees.

The plantation programme was inaugurated by Hon. Prin. Dr.Jadhav.S.R, and Villagers. Students have actively participated in the programme and total 50 trees had been planted.



Tree Plantation Programme at Panodi Camp Place

Jadhav
N.S.S.
Programme Officer
Art's, Commerce, Science and
Computer Science College, Ashvi Kd.
Tal. Sangamner, Dist. Ahmednagar



Dashu
TIC Principal
Tivara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A' Nagar, Pin- 413736

Activity Report (2015-16)
Pravara Ganesh Festival

The students of our N S S unit worked as volunteers during the Pravara cultural and sports festival. They cleaned the river bank and properly immersed the idols which were not immersed in the water. Our student volunteers worked wholeheartedly in the various committees of pravara Ganesh festival. They also worked as police friends i.e *police mitra* to help in the conduct of the programme. The 35 Girls and Boys were Present on the Occasion.

NSS programme officers Mr.Jadhav.D.S, and Committee Members Mr.Parvat.N.S, Mr. Shinde A.B. and Ms.Pachore S.R.took efforts for the programme.



Students involve in Pravara Ganesh Festival

Jadh
N.S.S.
Programme Officer
Art's,Commerce,Science and
Computer Science College,Ashvi Kd.
Tal.Sangamner,Dist.Ahmednagar



Dablu
JIC **Principal**
Pravara Rural Education Society's
Arts,Commerce,Science & Comp. Science College, Ashvi Kd.
Tal Sangamner, Dist Ahmednagar, Pin- 413738

Pravara Rural Education Society's
Arts, Commerce, Science and Computer Science College,
Ashvi Kd, Tal. Sangamner, Dist. Ahmednagar

Department of Chemistry

Water Analysis Report (2015-16)

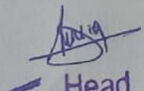
Water is essential for all aspects of life, domestic use, industrial processes, and agricultural production. Its suitability for a particular purpose can be determined by analysis. Obtaining good results depends to a great extent on the following factors:

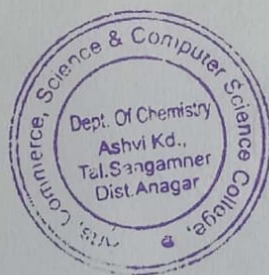
- Ensuring that the sample taken is truly representative of the water under consideration
- Using proper sampling techniques
- Protecting and preserving the samples until they are analyzed (in a timely manner)

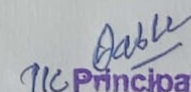
The water and wastewater should be checked for chemical, physical (turbidity and solid matter) and biological contamination before used it, to avoid environmental pollution (most of diseases can be spread to plant, animal, and human by water contaminated).

By considering today's problem about water pH and Minaral, Department of chemistry runs the awareness program. Wok done under this program is as follows.

In this Program Coordinator Mr. Patel M. M. along with students of this college Organise event where rural area people can be made aware about water importance.


Head
Department of Chemistry
ACS & Comp.Sci. College, Ashvi Kd.




Principal
Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A'Nagar. Pin- 413738

Title of Activity: Gram Swachhata Abhiyan

NSS Unit, Arts, Commerce, Science and Computer Science College, Ashvi k.d. organized Gram Swachhata Abhiyan in adopted Village at Panodi Tal: Sangamner dated on 14/12/2015 to 20/12/2015. Hon. Sarpanch, said it is a nation-wide campaign in India for the period 2014 to 2019 that aims to clean up the streets, roads and infrastructure of India's cities, towns, and rural areas. The objectives of Swachh Bharat include eliminating open defecation through the construction of household-owned and community-owned toilets and establishing an accountable mechanism of monitoring toilet use.

NSS programme officers Mr. Jadhav.D.S, N.S.S. Committee Members Mr. Shinde A.B, Mr. Parvat.N.S and Ms. Pachore Y.R. took great efforts to conduct programme smoothly. NSS students participated actively in the programme. For successful completion of this function all NSS committee members took efforts.



Organized Gram Swachhata Abhiyan

Jadhav
N.S.S.
Programme Officer
Art's, Commerce, Science and
Computer Science College, Ashvi Kd.
Tal. Sangamner, Dist. Ahmednagar



Jadhav
for Principal
Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A' Nagar Pin- 413738

SCIENCE ON WHEEL REPORT

2015-2016

- **Activities & Outcome - indicates topics covered under the science on wheel program**

Particulars	Activities	Outcome
Physics	Teacher conducted the simple Experiment related to the solar energy	<ul style="list-style-type: none"> • Students are able to Operate the solar energy kit, solar cooker etc.
Chemistry	Teacher Explained Chemical Experiment	<ul style="list-style-type: none"> • About Chemical reaction and their role
Zoology	Teacher Explained Animal classification, Identification key of poisonous and non poisonous snake. Sericulture Technique, Vermiculture and Vermicomposting Technique.	<ul style="list-style-type: none"> • Students are able to classify the insect present in the campus of their school • Students got the opportunity to work on Sericulture and Vermiculture practice in their fields.
Botany	Teacher Explained Botanical Plant	<ul style="list-style-type: none"> • Students are able to identify the type of plants • Uses of plants in human life. • About the meditational plants.

Details of the Science on wheel activity conducted during the year 2015 to 2016 in different High school/Jr. college

Sr.No.	Year	Day and Date	Name and Address of High school/Jr. college	Number of students present
1	2015-2016	14-12-2015	<ul style="list-style-type: none"> • Pravara Madhyamicvidyalaya, Pimparilauki • Pravara Madhyamicvidyalaya, Shibalapur 	165



Actual Photograph of the event



Dable
The Principal
 Pravara Rural Education Society's
 Arts, Commerce, Science & Computer
 Science College, Ashvi Kd.
 Tal. Sangamner, Dist. A. Nagar, Pin- 413738

Title of Activity: Tree Plantation

Date: 11-12-2016

Venue: At/ post: Pratappur , Tal- Sangamner, Dist- Ahmednagar

Activity Experience:

Number of students participated- 50

Number of teachers participated- 4



Tree plantation Programme at Pratappur

AKS
N.S.S.
Programme Officer
Art's, Commerce, Science and
Computer Science College, Ashvi Kd.
Tal. Sangamner, Dist. Ahmednagar



Dablu
Principal
Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A. Nagar, Pin- 413738

Arts commerce science and Computer Science College, Ashvi K.D

Title of Activity- Pravara Ganesh Festival

Date: 05/09/2016 To 15/09/2016

Number of students participated- 59

Number of teachers participated- 32

Pravara Ganesh Festival

During the Ganesh festival organized by the Pravara Rural Education Society, the students of the national service scheme worked as volunteers during the Pravara cultural and sport festival. During Ganesh idol immersion, volunteers cleaned the River basin, collected garbage, and volunteers again immersed the idols that have not been well immersed.

Volunteers of N.S.S. students works wholeheartedly in various committees in pravara Ganesh festival. Volunteers of Rastriya Seva Yojna cleaned the river Pravara after immersion of lord Ganesh. Immerse the idol of lord Ganesh again.

Volunteers of Rastriya Seva Yojana helped Ganesh Mandals in various ways on the day of Ganpati immersion in Ashvi village. Along with them, they also served as police-friend. Volunteers of Rastriya Seva Yojana worked for environmental protection during ganpati immersion in ashvi village. NSS programme officers Dr. Rasal O.J. and N.S.S. Committee Members Mr. Shinde A.B, .Mr.Shaikh.L.M, Mr.Parvat.N.S and Ms.Pachore.Y.R. Took great efforts to conduct programme smoothly. NSS students participated actively in the programme



Photograph of Pravara Ganesh Festival

O. Rad

N.S.S.
Programme Officer
Art's, Commerce, Science and
Computer Science College, Ashvi Kd.
Tal. Sangamner, Dist. Ahmednagar



I.C. Gable
Principal

Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A. Nagar Pin- 413738

Pravara Rural Education Society's
Arts, Commerce, Science and Computer Science College,
Ashvi Kd, Tal. Sangamner, Dist. Ahmednagar

Department of Chemistry

Water Analysis Report (2016-17)

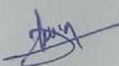
Department of Chemistry runs the water analysis awareness program to nearby villages.

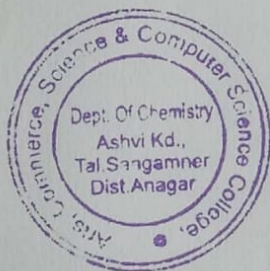
In this Program Co-ordinator Mr. Patel M. M. along with students of this college Organise event where rural area people can be made aware about water importance.

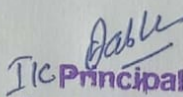
To make the best fertilizer applications on your fields, consult with your independent agronomist or fertility specialist.

Although no soil analysis is perfect, the information and insight from a soil test can help you to improve your nutrient efficiency, diagnose in-season plant deficiencies and ultimately prevent unnecessary yield loss.

Department of Chemistry allows all nearby farmers to understand the water analysis applications for better farming.


Head
Department of Chemistry
ACS & Comp.Sci. College, Ashvi Kd.




Principal
Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A' Nagar, Pin- 413738

Title of Activity: Gram Swachhata Abhiyan

Date: 12/12/2016

Venue: At/ post: Pratappur, Tal: Sangamner, Dist.: Ahmednagar

Activity Experience:

Number of students participated- 50

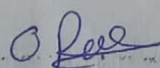
Number of teachers participated- 03



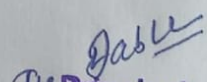
Gramswachata Abhiyan at Pratappur

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Pravara Rural Education Society's
Arts, Commerce, Science and Computer Science College,
Ashvi (Kd). Tal: Sangamner, Dist: Ahmednagar, Pin:413738
Affiliated to Savitribai Phule Pune University, Pune

(I.D. No. PU/AN/.ACS&CS/066/2001) ☎ (02425) 240051 Fax ☎ 02425-240051

Email ID : ashvicollege@rediffmail.com Web :www.pravara.in/acsbes ashvi

SCIENCE ON WHEEL REPORT

2016-2017

To build a platform for creating foundational skills in a day in the students from underprivileged background and create awareness among them about the modern science and enabling them to choose a career path going forward.

The students and teachers together work towards the scientific conclusion without any division/barriers between them. Improves science based skills like -Observations. Developing one's own logic Testing ones creativity and Builds one's ability to express This method helps in stimulating the young fertile minds of the students, by the process of total and personal involvement in the experiments. These methods are also used by some/few students in their daily life experiences. In the long run, this might help evolve a society, which will think scientifically instead of superstitiously.

The teachers here use their own ideas and techniques in their teachings, so that the process of learning takes place. They help the students in understanding a concept, in a much better way and identifying with the principles and theories of sciences. They break free of the monotonous activity of the regular classroom teaching style.

Activities & Outcome - indicates topics covered under the science on wheel program

Particulars	Activities	Outcome
Physics	Teacher conducted the simple Experiment related to the solar energy	<ul style="list-style-type: none">• Students are able to Operate the solar energy kit, solar cooker etc.
Chemistry	Teacher Explained Chemical Experiment	<ul style="list-style-type: none">• About Chemical reaction and their role
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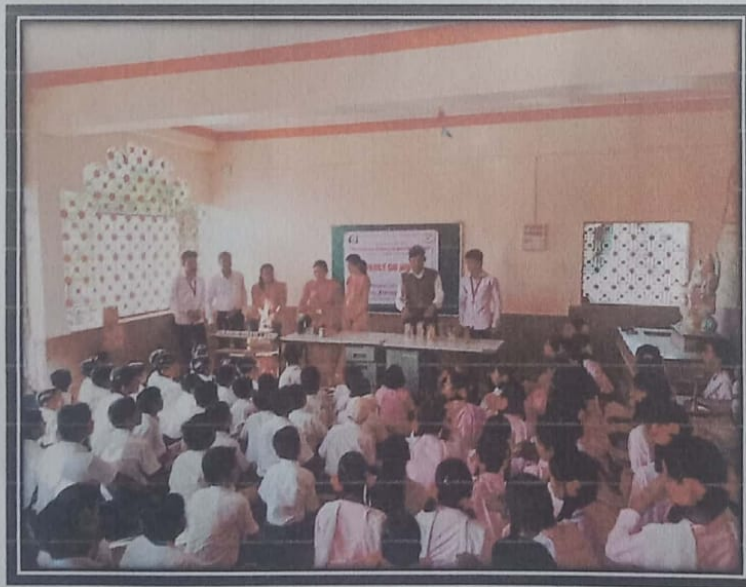


	Sericulture Technique, Vermiculture and Vermicomposting Technique.	work on Sericulture and Vermiculture practice in their fields.
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Details of the Science on wheel activity conducted during the year 2016 to2017 in different High school/Jr. college

Sr. No.	Year	Day and Date	Name and Address of High school/Jr. college	Number of students present
1	2016-2017	5-12-2016	<ul style="list-style-type: none"> • Pravara Madhyamic vidyalaya, Pimpri lauki • Pravara Madhyamic vidyalaya, Shibalapur • Pravara Madhyamic vidyalaya, Varvandi 	120

Photo Gallery



Actual photograph of the event

[Handwritten signature]



[Handwritten signature]
Principal
 Pravara Rural Education Society's
 Arts, Commerce, Science & Computer
 Science College, Ashvi Kd.
 Tal. Sangamner, Dist. A.Nagar, Pin- 413738

Title of Activity: Tree Plantation

Date: 18/12/2017

Venue: At/ post: Pimpri , Tal- Sangamner ,Dist.-Ahmednagar

Activity Experience:

Number of students participated- 50

Number of teachers participated- 4

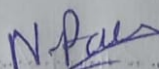
Chief Guest: Smt, Alka bhaskar Gite (Sarpanch, Pimpri)



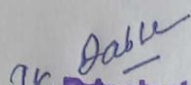
Tree Plantation at Pimpri

On 18/12/2017 Arts, commerce, science and computer Science College, Ashvi.K.D, successfully completed the event of tree plantation under the National Service Scheme at Ashvi k.d. The Volunteers initially dig out and then planted trees.

The plantation programme was inaugurated by Hon. Prin. Mr.Dabhade.D.D., and Villagers. Students have actively participated in the programme and total 50 trees had been planted. NSS programme officers Mr.Dabhade.D.D. N.S.S.Committee Members Mr. Shinde A.B, .Mr.Shaikh.L.M, Mr.Parvat.N.S and Ms.Talekar took great efforts to conduct programme smoothly. NSS students participated actively in the programme. For successful completion of this function all NSS committee members took efforts.


N.S.S.
Programme Officer
Art's,Commerce,Science and
Computer Science College,Ashvi Kd.
Tal.Sangamner,Dist.Ahmednagar




J.K. Dabhe
Principal
Pravara Rural Education Society's
Arts,Commerce,Science & Computer
Science College, Ashvi Kd.
Tal.Sangamner,Dist.Ahmednagar,Pin- 413138

Arts commerce science and Computer Science College, Ashvi K.D

Title of Activity- Pravara Ganesh Festival

Date: 25th Aug to 5 September 2017

Number of students participated- 70

Number of teachers participated- 04

Chief Guest :Prin. Dr.Jadhav.S.R.

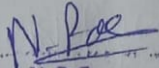


Pravara Ganesh Festival

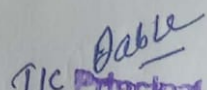
During the Ganesh festival organized by the Pravara Rural Education Society, the volunteers of the national service scheme worked as volunteers during the Pravara cultural and sport festival. During Ganesh idol immersion, volunteers cleaned the River basin, collected garbage, and volunteer of the National Service Scheme for the second time to dispose of idols that have not been well immersed.

Volunteers of N.S.S. students works wholeheartedly in various committees in Pravara Ganesh festival. Volunteers of Rastriya Seva Yojna clean the river Pravara after immersion of lord Ganesha. Immerse the idol of lord Ganesh again.

Volunteers of Rastriya seva yojana help ganesh mandala in various ways on the day of Ganpati immersion in Ashvi village. Along with them, they also serve as police friend .volunteers of rastriya seva yojana work for environmental protection during Ganpati immersion in Ashvi village.


N.S.S.
Programme Officer
Art's, Commerce, Science and
Computer Science College, Ashvi Kd.
Tal. Sangamner, Dist. Ahmednagar




D.C. Dable
Principal
Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A. Nagar, Pin- 413738

Pravara Rural Education Society's
Arts, Commerce, Science and Computer Science College,
Ashvi Kd, Tal. Sangamner, Dist. Ahmednagar

Department of Chemistry

Water Analysis Report (2017-18)

Hardness is one contaminant you will also commonly see on the report. Hard water is a purely aesthetic problem that causes soap and scaly deposits in plumbing and decreased cleaning action of soaps and detergents.

Once the lab has completed testing your water, you will receive a report that looks similar to Figure 1. It will contain a list of contaminants tested, the concentrations, and, in some cases, highlight any problem contaminants. An important feature of the report is the units used to measure the contaminant level in your water. Milligrams per liter (mg/l) of water are used for substances like metals and nitrates. A milligram per liter is also equal to one part per million (ppm)--that is one part contaminant

pH is a measure of the acid qualities of water; a pH of 7.0 means a neutral solution; water with a pH below 7.0 is normally harmful in that it may dissolve iron from pumping facilities and mains and produce a "red water problem.

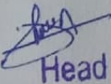
Is a measure of the electrical Conductivity of water and varies with the amount of dissolved solids

By considering today's problem about water pH and Minaral, Department of chemistry runs the awareness program. Wok done under this program is as follows.

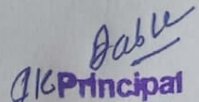
In this Program Coordinator Mr. Patel M. M. along with students of this college Organise event where rural area people can be made aware about water importance.



Actual photograph of the activity


Head
Department of Chemistry
ACS & Comp.Sci. College, Ashvi Kd.




Principal
Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A' Nagar, Pin- 413708

Title of Activity: Gram Swachhata Abhiyan

Date: 19/12/2017

Venue: At/ post: Pimpri Tal: sangamner, Dist: Ahmednagar

Activity Experience:

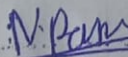
Number of students participated- 50

Number of teachers participated- 03

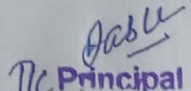


NSS Unit, Arts, commerce science Computer Science College, Ashvi k.d. Organized Gram Swachhata Abhiyan in adopted Village at pratappur, Tal: Sangamner dated on 19/12/2017 Smt, Alka bhaskar gite (Sarpanch, Pimpri) said it is a nation-wide campaign in India for the period 2014 to 2019 that aims to clean up the streets, roads and infrastructure of India's cities, towns, and rural areas. The objectives of Swachh Bharat include eliminating open defecation through the construction of household-owned and community-owned toilets and establishing an accountable mechanism of monitoring toilet use.

NSS programme officers Mr.Dabhade.D.D, N.S.S.Committee Members Mr. Shinde A.B, .Mr.Shaikh.L.M, Mr.Parvat.N.S and Ms.Talekar took great efforts to conduct programme smoothly. NSS students participated actively in the programme. For successful completion of this function all NSS committee members took efforts.


N.S.S.
Programme Officer
Art's,Commerce,Science and
Computer Science College,Ashvi Kd.
Tal.Sangamner,Dist.Ahmednagar




Principal
Sri. Jyoti R. Patil
Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A. Nagar, Pin- 413738



Pravara Rural Education Society's
Arts, Commerce, Science and Computer Science College,
Ashvi (Kd). Tal: Sangamner, Dist: Ahmednagar, Pin:413738
Affiliated to Savitribai Phule Pune University, Pune



(I.D. No. PU/AN/.ACS&CS/066/2001) ☎ (02425) 240051 Fax ☎ 02425-240051

Email ID : ashvicollege@rediffmail.com Web : www.pravara.in/acsbc ashvi

SCIENCE ON WHEEL REPORT

2017-18

Science on Wheels is a Activity to help students to explore their passion for science. The Activity helped students to gain increased self-confidence, have access to science, and sharpen their design-thinking skills besides the development of new attitudes towards modern-day science. Science on Wheels will allow to extend these and other benefits to thousands of High school and Junior college students in surrounding villages.

- **Activities & Outcome - indicates topics covered under the science on wheel program**

Particulars	Activities	Outcome
Physics	Teacher conducted the simple Experiment related to the solar energy	<ul style="list-style-type: none">• Students are able to Operate the solar energy kit, solar cooker etc.
Chemistry	Teacher Explained Chemical Experiment	<ul style="list-style-type: none">• About Chemical reaction and their role
Zoology	Teacher Explained Animal classification, Identification key of poisonous and non poisonous snake. Sericulture Technique, Vermi-culture and Vermicomposting Technique.	<ul style="list-style-type: none">• Students are able to classify the insect present in the campus of their school• Students got the opportunity to work on Sericulture and Vermiculture practice in their fields.
Botany	Teacher Explained Botanical Plant	<ul style="list-style-type: none">• Students are able to identify the type of plants• Uses of plants in human life.• About the meditational plants.



Details of the Science on wheel activity conducted during the year 2017 to 2018 in different High school/Jr. college

Sr. No.	Year	Day and Date	Name and Address of High school/Jr. college	Number of students present
1	2017-2018	11-12-2017 and 12-12-2017	<ul style="list-style-type: none"> • Pravara Madhyamic vidyalaya, Pimpari lauki • Pravara Madhyamic vidyalaya, Shibalapur • Pravara Madhyamic vidyalaya, Zarekathi • Pravara Madhyamic vidyalaya, Varvandi 	116



Actual Photograph of the event

[Handwritten signature]



[Handwritten signature]
Principal
Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A' Nagar, Pin- 413738

Title of Activity: Tree Plantation

Date: 08/01/2019

Venue: At/post: Pratappur, Tal- Sangamner, Dist-Ahmednagar

Activity Experience:

Number of students participated- 50

Number of teachers participated- 4

Chief Guest: Dr. Andhale Balasaheb, Sarpanch, Pratappur, Tal: Sangamner



Tree Plantation at camp place Pratappur

On 08/01/2019, Arts, Commerce, Science and Computer Science College, Ashvi.K.D., successfully completed the event of tree plantation under the National Service Scheme at Ashvi k.d. The Volunteers initially dig out and then planted trees.

The plantation programme was inaugurated by Hon. Prin.Dr.G.H.Barhate, Vice Prin Mr.Dabhade.D.D., and Villagers. The students actively participated in the programme and total 105 trees had been planted.

NSS programme officers Mr. Dabhade D.D, N.S.S.Commite members Mr.shelke G.R, Mr. Sheikh L.M and Ms.Talekar. took great efforts to conduct programme smoothly. NSS students participated actively in the programme

N.S.S.
Programme Officer
Art's, Commerce, Science and
Computer Science College, Ashvi Kd.
Tal. Sangamner, Dist. Ahmednagar



Principal
Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A. Nagar, Pin- 413738

Activity Report - Pravara Ganesh Festival

Date: 13-09-2018 to 23-09-2018

Activity Experience:

Number of students participated- 35

Number of teachers participated- 04

Chief Guest: Prin. Dr.Barhate G.H.



Actual Photograph for river cleaning during Ganpati Festival

During the Ganesh festival organized by the Pravara Rural Education Society, the students of the national service scheme worked as volunteers during the Pravara cultural and sport festival. During Ganesh idol immersion, volunteers cleaned the River basin, collected garbage, and again immersed the idols that have not been well immersed.

Volunteers of N.S.S. students works wholeheartedly in various committees in Pravara Ganesh Festival. Volunteers cleaned the river Pravara after immersion of the idols of lord Ganesh. Immerse the idol of lord ganesh again. Volunteers of Rastriya seva yojana helped ganesh mandala in various ways on the day of Ganpati *Visarjan* in ashvi village. Along with them, they also served as police *Mitra* (friend).volunteers of Rastriya Seva Yojana worked for environmental protection during Ganpati immersion in ashvi village.

N.S.S.
Programme Officer
Art's,Commerce,Science and
Computer Science College,Ashvi Kd.,
Tal.Sangamner,Dist.Ahmednagar



Dable
IIC Principal
Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A' Nagar, Pin- 413738

Title of Activity: Gram Swachhata Abhiyan

Date: 09/01/2019

Venue: At/ post: Pratappur, Tal: sangamner, Dist.: Ahmednagar

Activity Experience:

Number of students participated- 50

Number of teachers participated- 04

Chief Guest: Dr.Andhale Balasaheb, Sarpanch, Pratappur, Tal: Sangamner.



N.S.S. Camp Volunteers Cleaning the Village at Pratappur

NSS Unit, Arts, Commerce Science Computer Science College, Ashvi k.d.organized Gram Swachhata Abhiyan in adopted Village at pratappur, Tal: Sangamner dated on 8th to 14 **January 2019**. Dr, andhale balasaheb Sarpanch, said it is a nation-wide campaign in India for the period 2014 to 2019 that aims to clean up the streets, roads and infrastructure of India's cities, towns, and rural areas. The objectives of Swachh Bharat include eliminating open defecation through the construction of household-owned and community-owned toilets and establishing an accountable mechanism of monitoring toilet use.

NSS programme officers Mr. Dabhade D.D, N.S.S.Commite members Mr.shelke G.R, Mr. Sheikh L.M and Ms.Talekar. Took great efforts to conduct programme smoothly. NSS students participated actively in the programme

N.S.S.
Programme Officer
Art's, Commerce, Science and
Computer Science College, Ashvi Kd.
Tal. Sangamner, Dist. Ahmednagar



Dr. Dable
H.C. Principal
Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A' Nagar, Pin- 413738

Loknete Dr Balasaheb Vikhe Patil (Padmbhushan awardee)
Pravara Rural Education Society's
Arts, Commerce, Science and Computer Science College,
Ashvi Kd, Tal. Sangamner, Dist. Ahmednagar

DEPARTMENT OF PHYSICS

Report

Awareness of Solar energy- 2018-19

By considering today's scenario about the energy crisis, Department of Physics runs the Energy awareness program. The title of the program is Popularization of solar energy awareness. In this program the Coordinator along with the students of this college, organizes events where, the rural area peoples can be made aware about the importance of solar energy and its uses.

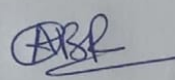
Wok done under this program is as follows

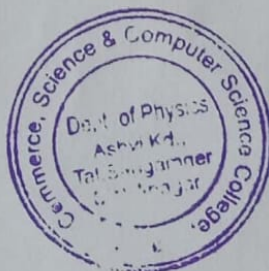
- Awareness Regarding Energy Crisis, Pollution & Environmental Friendly Energy Sources
- Popularization of Renewable Energy Sources through lectures and demonstrations
- People are encouraged to install hot water system, use of Solar cooker, solar lantern.
- Creating Environmental awareness among the rural area peoples.
- Imparting training to rural women specially use of solar cooker & solar lantern

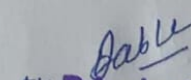
Moreover, under this program field visit is organized by Physics Department to Solar power plant, Ashvi Kd (Nearby college).



Actual photographs taken (2018-2019) during visit to nearby village peoples


Head
Department of Physics
ACS & Comp.Sci. College, Ashvi Kd.




TIC Principal
Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A'Nagar, Pin- 413238

Department of Zoology

Vermicompost Activity Report-2018-19

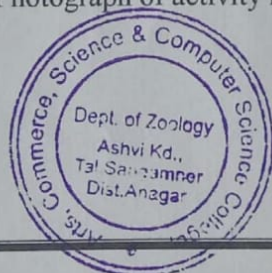
Earthworms have been on the Earth for over 20 million years. In this time they have faithfully done their part to keep the cycle of life continuously moving. Their purpose is simple but very important. They are nature's way of recycling organic nutrients from dead tissues back to living organisms. Many have recognized the value of these worms. Ancient civilizations, earthworms played in soil. "Earthworms are sacred." She recognized the important role the worms played in fertilizing

Vermicompost has been shown to be richer in many nutrients than compost produced by other composting methods. It also has outperformed a commercial plant medium with nutrients added, but needed adjustment for magnesium and PH. Other studies have shown that the effects of homemade, backyard, vermicompost compared to municipal compost were lower in terms of soil microbial biomass soil microbial activity, and yields of a species of ryegrass. Further, one study concluded that the differences between methods of composting were in large part due to the feedstock, and therefore no generalizations can be made between composts made from varying materials. It is rich in microbial life which converts nutrients already present in the soil into plant-available forms. Unlike other compost, worm castings also contain worm mucus which helps prevent nutrients from washing away with the first watering and holds moisture better than plain soil.



Photograph of activity report

Head
Department of Zoology
ACS & Comp.Sci. College, Ashvi Kd.



Dable
Principal
Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. Anagar, Pin- 431732

Pravara Rural Education Society's
Arts, Commerce, Science and Computer Science College, Ashvi Kd

Department of Zoology
PEST-CONTROL ACTIVITY REPORT 2018-19

In our college Department of Zoology conducted the best in Pest control management and practices from academic year from 2018-2019. In these best practice 10 students from class S.Y.B.Sc are enrolled, these students first bring the survey of nearby villages surrounding to the ashvi collage. They studied the area of these village, environment of village, land of village soil type, types of crop, cropping pattern, irrigation system, and fertilization method and harvesting pattern. The students bring the group discussion in the farmers. Students aware the farmers about environment of village, land of village, soil type, types of crop, cropping pattern, irrigation system, fertilization method and harvesting pattern With bringing a field visit,



Photograph of activity report

Outcome of this practice in this academic year farmer benefited as follow:

Name of village	Guidance given to farmers	Name of Farmer participated
AshviKd, Tal-Sagamner, Dist.-Ahmednagar	<ul style="list-style-type: none"> • Area of village • Environment of village • Cropping pattern. • Types of pest. • Types of pest control practices • Importance of irrigation and fertilization management • Importance of different pest control practices. • Importance of time of harvesting of crop 	1. Shri. Gaikwad Sadashiv Ram
		2. Shri. Tajane Ramdas Haribhu
		3. Shri. Gaikwad Sunil Murlidhar
		4. Shri. Sonavane Changdev Vithal
		5. Shri. Gikwad Dinkar Ganpat
		6. Shri. Gaikwad Namdeo Damodhar
		7. Shri. Mandhare Sonyabapu Gabaji
		8. Shri. Bhavar Bapusaheb Madhav
		9. Shri. Sonavane Sopan Madhukar

Head
 Department of Zoology
 ACS & Comp.Sci. College, Ashvi Kd.



Principal
 Pravara Rural Education Society's
Arts, Commerce, Science & Computer Science College, Ashvi Kd.
 Tal. Sangamner, Dist. A' Nagar, Pin- 413738

Pravara Rural Education Society's
Arts, Commerce, Science and Computer Science College,
Ashvi Kd, Tal. Sangamner, Dist. Ahmednagar

Department of Chemistry

Soil and Water Analysis Report (2018-19)

Department of Chemistry offering free consultancy services in soil and water analysis for needy farmers.

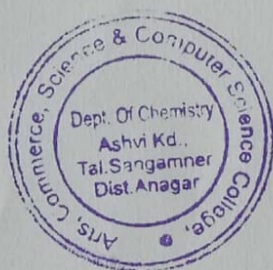
Soil sample are collected in a department analyzed and reports are given to respective person. In water analysis some parameters were analyzed by faculty on spot using water analysis kit and then sample is analysed in laboratory. After Analysis reports are given to respect.

In soil analysis, there are six processes which are soil sampling technique, determination of texture of soil, determination of water content, determination of organic matter, determination of air content and soil pH. Three type of soil samples are used in soil analysis, which are housing area, pond and farm. The soil is extracted successfully. In the determination of texture of soil, it can be concluded that soil sample from housing area has the highest percentage of stone component whereas soil sample from farm has the highest percentage of sand component. Soil sample from pond has the highest percentage of slit and clay.



Actual photograph of the activity

B. Misra
Head
Department of Chemistry
ACS & Comp.Sci. College, Ashvi Kd.



J. C. Dable
Principal
Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A' Nagar, Pin- 413738

Pravara Rural Education Society's
Arts, Commerce, Science and Computer Science College,
Ashvi Kd, Tal. Sangamner, Dist. Ahmednagar

Department of Geography

Weather prediction activity report (2018-19)

To fulfill aim and objectives of the weather prediction and to involve students into this practice the meeting is held with students. In the first meeting of the year students were acquainted with the practice along with other discussion. Interested students are then enrolled under this practice. In the initial stage, enrolled students and farmers from nearby community were called for a meeting and the details were communicated to farmers. Specially designed form is circulated and collected. The form collects the information regarding landholding, type of land, Irrigation facilities, and Livestock details. After studying the details of all the forms, 10 farmers are selected on the basis of their locality. Precaution is taken while selecting farmers making sure not include farmers from same economical and social background.

After completing this initial stage, students are then involved in this activity. Face to face visits plays important role. Personal visits are arranged for these 10 selected farmers. All the details regarding weather changes and other details are then communicated to farmers. Students are then asked to take follow-up of the activity. In this process students and farmers get acquainted with the changing weather pattern and some basic concepts of climatology.

IMD warning and other predication date wise - Year 2018-19

Sr. No.	Climatic Phenomenon and season/period	Details
1.	Cloudy Weather	Warning was given on 12 October 2018
2.	Rain Gaps	Warning on 10 June 2018
3.	Rainy Days	-
4.	Low Pressure Belts / Cyclones	-
5.	Hailstorm Warning and splash rain	-
6.	Cold Wave	Prediction on 2nd November 2018 Rain during Diwali Festival

Success Stories

Shri Balasaheb Khilari cultivated a tomato crop in his farm. This crop is vulnerable to minute changes in weather. Following our predictions he was able to choose an appropriate spray which saved his valuable crop and money.



Actual photograph of the activity

Dable
TIC Principal
Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A' Nagar, Pin- 413713



Pravara Rural Education Society's
Arts, Commerce, Science and Computer Science College,
Ashvi (Kd). Tal: Sangamner, Dist: Ahmednagar, Pin:413738
Affiliated to Savitribai Phule Pune University, Pune



(I.D. No. PU/AN/.ACS&CS/066/2001) ☎ (02425) 240051 Fax 📠 02425-240051

Email ID : ashvicollege@rediffmail.com Web :www.pravara.in/acsbcs ashvi

SCIENCE ON WHEEL REPORT

2018-2019

The teachers here use their own ideas and techniques in their teachings, so that the process of learning takes place. They help the students in understanding a concept, in a much better way and identifying with the principles and theories of sciences. They break free of the monotonous activity of the regular classroom teaching style.

Activities & Outcome - indicates topics covered under the science on wheel program

Particulars	Activities	Outcome
Physics	Teacher conducted the simple Experiment related to the solar energy	<ul style="list-style-type: none">• Students are able to Operate the solar energy kit, solar cooker etc.
Chemistry	Teacher Explained Chemical Experiment	<ul style="list-style-type: none">• About Chemical reaction and their role
Zoology	Teacher Explained Animal classification, Identification key of poisonous and non poisonous snake. Sericulture Technique, Vermi-culture and Vermicomposting Technique.	<ul style="list-style-type: none">• Students are able to classify the insect present in the campus of their school• Students got the opportunity to work on Sericulture and Vermiculture practice in their fields.
Botany	Teacher Explained Botanical Plant	<ul style="list-style-type: none">• Students are able to identify the type of plants• Uses of plants in human life.• About the meditational plants.



**Details of the Science on wheel activity conducted during the year 2018 to 2019 in
different High school/Jr. college**

Sr. No.	Year	Day and Date	Name and Address of High school/Jr. college	Number of students present
1	2018-2019	3-12-2018 and 4-12-2018	<ul style="list-style-type: none"> • Pravara Madhyamic vidyalaya, Pimpri lauki • Pravara Madhyamic vidyalaya, Shibalapur • Pravara Madhyamic vidyalaya, Zarekathi • Pravara Madhyamic vidyalaya, Varvandi 	115



Actual Photograph of the activity

Review



Dable
Principal
Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A. Nagar, Pin- 413738

Arts commerce science and Computer Science College, Ashvi K.D

Activity: 1 -Tree Plantation

On dated 25/07/2019, Arts commerce science and Computer Science College, Ashvi K.D. successfully completed the event of Tree Plantation under the National Service Scheme in college campus. The 68 girls and boys Volunteers and 05 teachers initially dig out small pits and then planted trees.

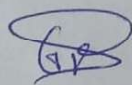
The plantation programme is inaugurated by planting a Gulmohar and a Mango tree by our Hon. Principal Mr. Dabhade. D.D. sir, heads of the all departments, teaching and non-teaching staff members, and students have actively participated in the programme. Total 70 different trees had been planted.

NSS programme officers Mr. Shelke G.R, Mr. Shaikh L.M, Mr. Parvat. N. S. and Ms. Talekar. Y.R took great efforts to conduct this programme smoothly. NSS student volunteers participated actively in the programme

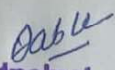
Photo gallery



Actual photograph of tree plantation program


N.S.S.
Programme Officer
Art's, Commerce, Science and
Computer Science College, Ashvi Kd.
Tal. Sangamner, Dist. Ahmednagar




Principal
Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal Sangamner, Dist Ahmednagar

Arts commerce science and Computer Science College, Ashvi K.D

Activity Report- Pravara Ganesh Festival

Ganesh festival was organized by Arts, commerce, science and computer science college Ashvi from 2 September 2019 to 12 September 2019. The students of the national service scheme worked as volunteers during the Pravara cultural and sport festival. During Ganesh idol immersion, volunteers cleaned the River basin, collected garbage, and the volunteers also searched and collected the Ganesh idols that have not been well immersed. N. S. S. Volunteers worked whole heartedly in various committees in Pravara Ganesh Festival.

Volunteers of NSS cleaned the river Pravara after immersion of the idols of lord Ganesha. Volunteers of NSS helped the Ganesh mandals in various ways on the day of Ganesh *Visarjan* (immersion) in Ashvi village. Along with them, they also served as Police *Mitra* (friend). The volunteers worked for environmental protection during Ganesh *Visarjan* in Ashvi village. NSS programme officers Mr.Shelke.G.R. and N.S.S.Committee Members Mr.Shaikh L.M, Mr.Parvat N.S and Ms.Talekar.Y.R Y.R. etc. took great efforts to conduct this programme smoothly. NSS students participated actively in the programme. The 40 Girls and Boys Volunteers Were Present On the Occasion.



Actual photograph of Pravara Ganesh Festival

N.S.S.
Programme Officer
Art's,Commerce,Science and
Computer Science College,Ashvi Kd.
Tal.Sangamner,Dist.Ahmednagar



Pravara
Principal
Pravara Rural Education Society's
Arts,Commerce,Science & Computer
Science College, Ashvi Kd.
Tal Sangamner, Dist A'Nagar, Pin- 413738

Arts commerce science and Computer Science College, Ashvi K.D

Activity Report

Gram Swachhata Abhiyan

NSS Unit, Arts, commerce science Computer Science College, Ashvi k.d. organized Gram Swachhata Abhiyan in adopted Village at pratappur, Tal: Sangamner dated on 25/12/2019. Dr, andhale balasaheb Sarpanch, said it is a nation-wide campaign in India for the period 2014 to 2019 that aims to clean up the streets, roads and public infrastructures.

The objectives of Swachh Bharat include eliminating open defecation through the construction of household-owned and community-owned toilets and establishing accountability mechanism of monitoring toilet use's programme officers Mr. Shelke.G.R, Mr.Sheikh.L.M, Mr.Parvat.N.S and Ms.Talekar. Took great efforts to conduct programme smoothly. NSS students participated actively in the programme. The 50 girls and boys Volunteers and 04 teachers initially participated in Programme.



Actual photograph of Gram Swachata Abhiyan

N.S.S.
Programme Officer
Art's,Commerce,Science and
Computer Science College,Ashvi Kd.
Tal.Sangamner,Dist.Ahmednagar



Dable
Principal
Parvati Rural Education Society's
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Tal. Sangamner, Dist. A' Nagar. Pin- 413738

Loknete Dr Balasaheb Vikhe Patil (Padmbhushan awardee)
Pravara Rural Education Society's
Arts, Commerce, Science and Computer Science College,
Ashvi Kd, Tal. Sangamner, Dist. Ahmednagar

DEPARTMENT OF PHYSICS

Report

Awareness of Solar energy- 2019-20

By considering today's scenario about the energy crisis, Department of Physics runs the Energy awareness program. The title of the program is Popularization of solar energy awareness. In this program the Coordinator, Dr. Ms Ashwni Baburao Rohom along with the students of this college, organizes events where, the rural area peoples can be made aware about the importance of solar energy and its uses.

Energy Survey of village – Outcome of the practice

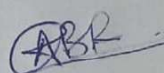
No. of farmers Families Covered - 86

Sr. No.	Particular	No. of Users (Family) beginning of academic year 2018-19	No. of Users (Family) at the end of academic year 2018-19	No. of Users (Family) at the end of academic year 2019-20
1.	CFL/LED bulbs	24	35	65
2.	Solar Hot Water System	02	05	12
3.	Solar Cooker	--	01	04
4.	Solar water pump	--	--	--

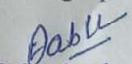
It is well known that the fossil fuels are expected to be consumed entirely within next 100-200 years. In order to address the future energy needs of the world, a renewable energy source is needed. Among all, the most abundant source of energy is solar radiation. The further development of solar cell will be required the reduction of the cost for actual photovoltaic's system. The above table clearly indicates that due the innovative practice run by physics department truly helps the nearby peoples regarding the utilization of solar energy. The number of users benefited due to the above activity increases at the end of the year 2019-20.



Actual photographs taken (2019-2020) during visit to nearby village peoples


Head
Department of Physics
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Department of Zoology

Vermicompost Activity Report-2019-20

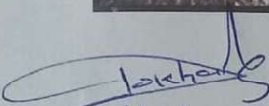
Vermicomposting is the process of turning organic debris into worm castings. The worm castings is very important to the fertility of the soil. The castings contain high amounts of nitrogen, potassium, phosphorus, calcium, and magnesium. Castings contain: 5 times the available nitrogen, 7 times the available potash, and 1 ½ times more calcium than found in good topsoil. Several researchers have demonstrated that earthworm castings have excellent aeration, porosity, structure, drainage, and moisture-holding capacity. The content of the earthworm castings, along with the natural tillage by the worms burrowing action, enhances the permeability of water in the soil. Worm castings can hold close to nine times their weight in water "Vermiconversion," or using earthworms to convert waste into soil additives, has been done on a relatively small scale for some time. (4) A recommended rate of vermicompost application is 15-20 percent

CONCLUSION

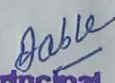
1. The results of this study seem to indicate that an optimal vermicompost/soil admixture is 15% earthworm castings.
2. Worms not only improve the soil, but when worms are used to compost, they also recycle waste products that could otherwise go to a land fill or harm the environment. Further study of this project could include using different species of plants in the vermicompost.
3. An important conclusion of this project is that Vermicomposting addresses the social, economic and environmental imperatives of sustainability.



Photograph of activity report


Head
Department of Zoology
ACS & Comp.Sci. College, Ashvi Kd.




Principal
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Pravara Rural Education Society's
Arts, Commerce, Science and Computer Science College, Ashvi Kd

Department of Zoology
PEST-CONTROL ACTIVITY REPORT 2019-20

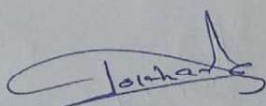
In our college Department of Zoology conducted the best in Pest control management and practices from academic year from 2019-2020. In these best practice 10 students from class S.Y.B.Sc are enrolled, these students first bring the survey of nearby villages surrounding to the ashvi collage. They studied the area of these village, environment of village, land of village soil type, types of crop, cropping pattern, irrigation system, and fertilization method and harvesting pattern. The students bring the group discussion in the farmers. Students aware the farmers about environment of village, land of village, soil type, types of crop, cropping pattern, irrigation system, fertilization method and harvesting pattern. With bringing a field visit.



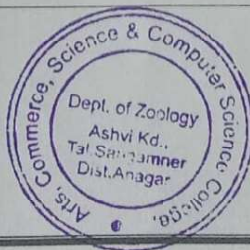
Photograph of activity report

Outcome of this practice in this academic year farmer benefited as follow:

Name of village	Guidance given to farmers	Name of Framer participated
At- Khali Pimpri, Tal- Sangamner, Dist, Ahmednagr	<ul style="list-style-type: none"> • Area of village • Environment of village • Cropping pattern. • Types of pest. • Types of pest control practices • Importance of irrigation and fertilization management • Importance of different pest control practices. • Importance of time of harvesting of crop 	1. Shri. NagareSomnathDattu
		2. Shri. NagareSatish Narayan
		3. Shri. Gite Bharat Kisan
		4. Shri. Gite Ramesh Rambhau
		5. Shri. KadamRatanRevaji
		6. Shri. DatirRamdasYeshvant
		7. Shri. PinjariRajuAbbasbhai
		8. Shri. NagareSharadHaribhu
		9. Shri. Ghuge Ramesh Rajaram
		10. Shri. GhugeGorakhBhagaji
		11. Shri. GhugeBhaskarchandrabhan
		12. Shri. UgalmugaleBhaskarBaburao


Head

Department of Zoology
ACS & Comp.Sci. College, Ashvi Kd.




Principal

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Ashvi Kd, Tal. Sangamner, Dist. Ahmednagar

Department of Chemistry

Soil and Water Analysis Report (2019-20)

Pravara Rural Education Society's Art, Commerce, Science and Computer Science College, Ashvikd, Tal- Sangamner, District -Ahmednagar which provides education in science stream at under graduate level to educationally, economically, socially backward students of this area.

The fertilizer application based on soil test and yield target help to save 10-15 % of fertilizer cost in each season nutrient composition.

Ramamurtiet.al (1967) established the theoretical basis and experimental proofs for the fact that lebig's law of the minimum operates equally for N, P, and K. This forms the basis for fertilizer application for targeted yield, first advocated by Troug (1960). Among the various methods of fertilizers recommendations the one base on yield targeting is unique in the sense that this method not only indicates soil test base fertilizer dose but also the level of yield the farmer can hope to achieve it.

To check the pH of Soil increases the soil fertility. They can analyse their Soil and water in the Laboratory.



Actual photograph of the activity

Revising
Head
Department of Chemistry
ACS & Comp.Sci. College, Ashvi Kd.



Dr. Jashu
Principal
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Ashvi Kd, Tal. Sangamner, Dist. Ahmednagar

Department of Geography

Weather prediction activity report (2019-20)

Aims and Objectives:

- ❖ To Provide Weather Prediction to the farmers
- ❖ To help farmers to avoid major loss to their hard earned harvested crops.
- ❖ To involve students in the practice.
- ❖ To show the relationship between class study and real life

IMD warning and other predication date wise - **Year 2019-20**

Sr No.	Climatic Phenomena and season./ period	Details
1	Cloudy Weather	Prediction on 25 June 2019
2	Rain Gaps	1 July 2019 ,
3	Rainy Days	Prediction on 22 June 2019 Prediction on 5 July 2019 (Rain from 6,11,20 July 2019) Prediction on 20 July (rain of 21 st 28 th) Prediction on 1 st August 2019 (Rain on 4 th August 2019)
4	Low Pressure Belts / Cyclones	Low Pressure Belt over Arabian Sea, Afterwards developed as a super Cyclonic Storm –Kyarr (24/10/2019 to 30/10/2019) Low Pressure Belt over Arabian Sea, Afterwards developed as a super Cyclonic Storm – Nisarga(01/06/2020 to 04/06/2020)
5	Hailstorm Warning and splash rain	Prediction on 10 June 2019
6	Cold Wave	Warning on 4 January 2020

Success Stories

Shri Sanjay Burkul has a variety of crops in his farm. Year 2019-20 faced strong fluctuations in weather. Our timely predictions saved his harvested fodder, which will be used for rest of year when there is no source of other fodder for cows.



Actual photograph of the activity

Dable
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Arts commerce science and Computer Science College, Ashvi K.D

Activity Report

Rally for cleanness

NSS Unit, Arts, Commerce, Science and Computer Science College, Ashvi conducted road repairing activities in adopted Village at Pratappur, Tal: Sangamner on 27/12/2019. NSS programme officers Mr. Shelke.G.R, Mr.Sheikh.L.M, Mr.Parvat.N.S and Ms.Talekar. Y.R.Took great efforts to conduct programme smoothly. NSS students participated actively in the programme. The 50 girls and boys Volunteers and 04 teachers initially participated in Programme.



Actual photograph of cleanness program

N.S.S.
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Ashvi
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Science College, Ashvi Kd.
Tal.Sangamner, Dist.A'Nagar,Pin- 413738



Pravara Rural Education Society's
Arts, Commerce, Science and Computer Science College,
Ashvi (Kd). Tal: Sangamner, Dist: Ahmednagar, Pin:413738
Affiliated to Savitribai Phule Pune University, Pune



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Email ID : ashvicollege@rediffmail.com Web :www.pravara.in/acsbcs ashwi

SCIENCE ON WHEEL REPORT

2019-2020

All Department of Arts, Commerce, Science and Computer science collage, Ashvi,kd. Reaches various schools in rural areas with a mobile science laboratory, which can carry science teachers along with various laboratories equipments and material. Nearly 700 students from 10th High school and junior collage of villages are benefiting from this program. The Physics, Chemistry, Zoology and Botany subjects taught by the teachers from Arts, Commerce, Science and Computer science collage Ashvi kd.using the various new methods of education.

Activities & Outcome - indicates topics covered under the science on wheel program

Particulars	Activities	Outcome
Physics	Teacher conducted the simple Experiment related to the solar energy	<ul style="list-style-type: none">• Students are able to Operate the solar energy kit, solar cooker etc.
Chemistry	Teacher Explained Chemical Experiment	<ul style="list-style-type: none">• About Chemical reaction and their role
Zoology	Teacher Explained Animal classification, Identification key of poisonous and non poisonous snake. Sericulture Technique, Vermiculture and Vermicomposting Technique.	<ul style="list-style-type: none">• Students are able to classify the insect present in the campus of their school• Students got the opportunity to work on Sericulture and Vermiculture practice in their fields.
Botany	Teacher Explained Botanical Plant	<ul style="list-style-type: none">• Students are able to identify the type of plants• Uses of plants in human life.• About the meditational plants.



Details of the Science on wheel activity conducted during the year 2019 to 2020 in different High school/Jr. college

Sr. No.	Year	Day and Date	Name and Address of High school/Jr. college	Number of students present
1	2019-2020	3-12-2019 and 12-12-2019	<ul style="list-style-type: none"> • Pravara Madhyamic vidyalaya, Pimpri lauki • Pravara Madhyamic vidyalaya, Zarekathi • SMBST Madhyamic vidyalaya, Khali 	130



Actual Photograph of the activity

Principals



Principals

**Pravara Rural Education Society's
Arts, Commerce, Science & Computer
Science College, Ashvi Kd.
Tal. Sangamner, Dist. A. Nagar. Pin- 413738**

**4. Screenshot of web pages showing
green policy**

ARTS, COMMERCE, SCIENCE & COMPUTER SCIENCE COLLEGE, ASHWI KD.

TAL. SANGAMNER, DIST. AHMEDNAGAR, MAHARASHTRA, INDIA

Policy on Green Campus



Policy document on Green Campus

The Institutes of Arts, Commerce, Science and Computer Science colleges are devoted to promote the conservation and protection of life on earth.

Standard Operating Procedure of Green Campus for operational practice developed to control the pollutant discharges by using routine maintenance procedures for moving and static zones.

Implementation of SOP

MAINTENANCE OF GREEN/GRASSY AREA

- STOP 1. Pests/Tree Care: Regular watering of plants and lawn. Pruning of trees and plants/shrubs as and when required. Regular mowing and sweeping of lawn. Removal of garden refuse from garden to the designated place. Conversion of garden garbage to compost to use as manure. Encourage plantation of seasonal flowers and trees. Report damagelawnmowers to reduce noise or lawn areas void of vegetation that may result in sediment being transported off site; prepare a report schedule and implement repair/fortnightly.
- STOP 2. Lawn Care and Spraying in Garden: proper maintenance of garden/benches. If any. Guide students to respect the utility of the lawn. Clearly mark and paint by proper signage and prepare report monthly.



Jable
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