

Institutional Inputs: Awareness campaigns are held in the neighborhood communities and schools regularly. Conscious adoption of sustainable practices on celebrations of festivals like Ganesh Chaturthi, Dussehra, Diwali and Holi in an eco- friendly way are practiced. Our environment and sustainability Flagship

Program- PRERNA has been creating awareness on the importance of local fauna and green practice since 2011.

Green Committee and its three ancillary student Clubs - Eco Club, Green Club, Climate Change and Sustainability Student Club reinforces green practices as a way of life among students by organizing activities like maintenance of composting pits, reuse of one side used paper, ban of plastic use (shoe lace projects), bouquets are replaced by plant saplings for all occasions, use of biodegradable material for decoration, preparation of bio-enzymes on experimental basis as cleaning agents, waste management through vermicomposting, promotion and celebration of Green Days and Green Festivals etc. NSS & NCC regularly organize programs like Haritha Haram, Swachh Sarvekshan, Clean and Green etc.

MBA department.as part of their orientation programme organised a lecture by GREENPEACE organisation with an intent of creating awareness about creating sustainable practices.

Guest Lectures, Seminars and Workshops are organized on themes like Sustainability and Climate Change, Meet The Farmer, Soil Health Management through Organic Farming Practices, Farmers Awareness Campaign on Balanced use of fertilizers to inculcate eco friendly attitude among students and faculty.

The institution also takes various initiatives like Cultivation of Azolla, Moriculture (cultivation of Mulberry plants to feed the silkworms) and establishment of terrace gardens.

A.V. COLLEGE OF ARTS, SCIENCE & COMMERCE
Gagan Mahal, Hyderabad -500029
(Affiliated to Osmania University, Hyderabad, Telangana)



1. Type of Activity – Student Activity
2. Title of Event: Orientation Program (MBA 2020-2022 Batch)
3. Date of Event: January 5-23, 2021
4. Name of organizing Department: Department of Business Management
5. Names of Conveners: Ms. Taruna Shah, Ms. Archana Bhaganagre, Ms. Meera Sehgal
6. Names of Student Coordinators: N/A
7. Names & Designations of Resource Persons: Report Attached
8. List of Participants (Attendance/ Registration Sheet with signs):
9. Objectives of the Event :

The basic objectives of conducting the activity are:

- Introducing students to their new surroundings & college life;
- providing an opportunity for the Department to meet the newest members of the college community; and
- Interaction with Alumni, social entrepreneurs & other eminent speakers from the industry.

10. Activity Program Details:

January 5, 2021

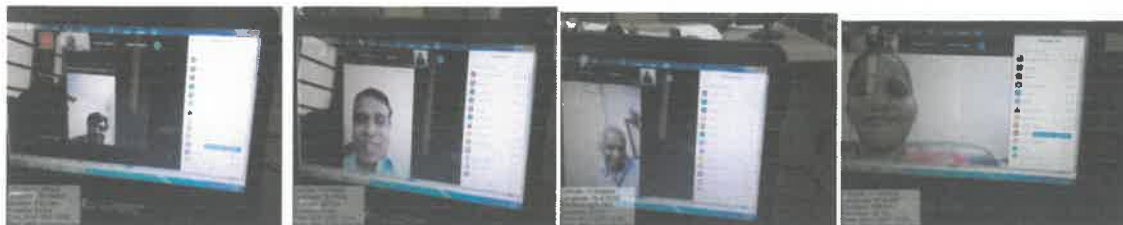
- 11.30 am** - Introduction - Address by Prof. Vinita Sharma, Director (MBA & MCA)
(About the College & Placements)
- Address by Ms. Taruna Shah, HoD (About the Department)
- Address by Mr. Ravinder, Librarian (About the Library)
- Address by Seniors
- Ms. Asma
- Mr. Nazir Ahmed
- Ms. N. Harika
- Proposing the Vote of Thanks (Ms. Meera)



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January 6, 2021

- 12.noon - I am.....
(Student Introduction)
- Parent Interaction
 - Vote of Thanks- Ms. Meera Sehgal
 -



January 7, 2021

- 12 Noon - Self- Awareness and Personality Development
Mr. R. Kiran Kumar, Group Manager, Sears Holdings India
30. pm - HR Trends in 2021
Ms. Umang Dwivedi, IT Recruiter, Zensar, Pune
- Vote of thanks – Ms.Archana



January 8, 2021

- 12 Noon - HR Recruitment Process and HR Operations
Mr. Salman Ahmed Alavi, Employee Success Specialist, Salesforce
- 1 pm - Winning Skills to Succeed in the Corporate World
Mr. Omprakash Reddy, Digital and Research Senior Associate, Google
Operations Centre
- Vote of Thanks- Ms. Meera Sehgal



January 11, 2021

- 1.00pm - Briefing on Activities to be conducted by and for the students
(Saturday Activities, CRT, AVIRBHAV)
Ms. Archana.B and Ms. Meera Sehgal
- 1.15 pm - Student presentations

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- Vote of thanks – Ms.Archana



January 12, 2021

1.00 pm -Importance of Internships
Mr. Suhaas, MentorMinds

1.15 pm - Student presentations
- Vote of Thanks- Ms. Meera Sehgal



January 15, 2021

10.00 am -Building Resume
Mr. Vijender .C, Research Fellow, National Institute of Health, Bethesda,
Maryland, USA

12.30 pm - Student presentations
- Vote of thanks –Ms. Archana



January 16, 2021

12.30 pm - Importance of Certificate Courses- Swayam, NPTEL
Ms.Taruna Shah, HoD, MBA Department
Student Registrations for Swayam Courses starting on Jan 18th

1.00pm - Student presentations
Vote of Thanks - Ms.Meera



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January 18, 2021

- 12.30 pm - Alumni Presentation on Internships and Career Opportunities
Ms.Hanisha , Senior Analyst, Delloitte Internship, Amazon
- 1.00pm - Student presentations
- Vote of Thanks- Ms.Meera



January 19, 2021

- 12.30 pm - Code of Conduct, Committees and Student Clubs
Ms. Taruna Shah, HoD, MBA Department
- 1.15 pm - Student presentation
- Vote of thanks – Ms. Archana



January 20, 2021

- 1.00 pm - Reskilling for Tomorrow- Importance of Business Analytics
Mr.C.R. Arvind, Regional Manager-Business Development, ISDC
- Student presentations
 - Vote of Thanks- Ms. Meera



January 21, 2021

- 12.30 pm - Student presentations
- 3-4pm - Greenpeace – Mr. Ali Abbas
- Session held on 28-01-2021 due to medical emergency of the speaker



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January 22, 2021

12.30 pm Student presentations



January 23, 2021

12.30 pm Ms. Nb. Srilakshmi

Senior Analyst -Finance

Ryan Associates – Session Cancelled due to accident of speaker

- Student presentations



11. Outcomes / Benefits:

Gaining insight and appreciation of:

- Campus resources and services available to them.
- Campus organizations and how to become involved.
- The skills and competencies necessary to be successful academically including listening and note taking skills.
- The rights and responsibilities associated with being a part of the Campus.

Cone
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A.V. College of Arts, Science and Commerce
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Gaganmahal, Hyderabad



Department of Botany
***Azolla* Cultivation**
(New Business Model)
(Student Project)



Cultivation of *Azolla* in the campus



Harvesting *Azolla* (First Harvest 23.03.2021)

Project Details / Outcome: Students of BZC II Year came up with a proposal to start Azolla cultivation in the campus as a business model for small farmer communities in the academic year 2019 – 20, but due to COVID – 19 pandemic we were not able to implement in the same academic year. This academic year (2020 – 21) we initiated this project and show it as a new business model for farmers as there is no major financial burden on the farmers to start it commercially. Azolla is used as a biofertilizer, mosquito repellent and a potential feed for livestock. Students were able to pursue it as a career option after this experience.

Can achieve sustainable ecological development through this project. Students associated are:
 Mr.Praneeth, Mr.Jayachandra, Ms.T.Shruthi, Ms.E.Krishna Veni, Ms.Pravali, Ms.Akshitha.

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ACTIVITY REPORT

National webinar on

"Farmers Awareness Campaign on Balanced use of fertilizers"

18th June, 2021

- 1. Name of the activity:** -National Webinar- **Farmers Awareness Campaign**
- 2. Title of Event:-** **Balanced use of fertilizers**
- 3. Date of Event:** 18th June, 2021.
- 4. Name of organizing Department:** Chemistry
- 5. Names of Coordinators:** Dr.A.Jagan Mohan Reddy, A.Kiran Scientist, KVK-Gaddipally, MS. G.Sudha Rani, Dr.B.Anjaiah,MS. K.Parameshwari,Dr.G.Purnachandra Reddy
- 6. Names & Designations of Resource Persons:** Dr. V. Girija Veni, Scientist, DRM Division, CRIDA, Hyderabad.
- 7. No. of Participants:** 175
- 8. Activity/ Program Details:-**

The Department of Chemistry was organized an National webinar on **Farmers Awareness Campaign on Balanced use of fertilizers**, 18th June, 2021 in collaboration with sri Aurobindo Institute of Rural Development Krishi Vignan Kendra, Gaddipally.

SAKVK- Gaddipalli Conducted Farmers Gosthi Awareness campaign on Balance use of Fertilizers. Collabration with A.V College of Arts, Science and Commerce, Gaganmahal, Hyd. Programme Coordinator (I/C) gave opening remarks highlighted the Balance use of essential Fertilizers. Chief guest of the programme Dr. V. Girija Veni Scientist-Soil Science,CRIDA-ICAR, Explained the Role of bio fertilizer & role organic manures in improving soil fertility , Organic farming and Composting technologies and judicious use of Fertilizer. A.Kiran SMS-soil science explained about soil test based Fertilizer application and soil health card scheme.

D.Naresh SMS-Agronomy explained Agronomic practices of different agriculture crops and crop residues management, In this Webinar programme 121 farmers and farm women were participated. Through zoom and YouTube link..

This activity is the most important wing to bridge the gap between field and students. This is being held with an objective of practical and academia Innovative practice by the

Department of Chemistry. Hereafter, the topic fertilizer in B.Sc. MPC & BZC curriculum will be taught to students in the agriculture field. The methodology used will help the students think innovatively to understand the depth of the subject, easy to learn about the current developments, which are useful to new innovation in organic farming and it helps in the increase in organic farm productivity through adoption of innovations for better economy and to change the attitude of farmers.

Our college Management, Principal and vice principal has appreciated Department of Chemistry for conducting the webinar on **Farmers Awareness Campaign on Balanced use of fertilizers** and he has also appreciated the students for attending more in number.

9. Objectives of the Meet the farmer: -

1. Role of bio fertilizer & role of organic manures in improving soil fertility ,
2. Organic farming and Composting technologies and judicious use of Fertilizer
3. To review the appropriate methods of applying organic fertilizer for soil fertility and crop production.

10. Outcomes / Benefits of the Meet the farmer: -

1. Students will think and understand about organic fertilizers.
2. Organic farming promotes and enhances agro-ecosystem health, including biodiversity, biological cycles and soil biological activity.
3. To know the benefits of organic matter for pH, soil structure, wettability, cation exchange capacity etc... to the students practically.
4. To Understand the organic Fertilizers in the short- and long-term including the humification of added organic matter, forms and turnover of organic matter in soil.

10. Feedback responses: - Farmers, Our college Management, Principal and vice principal has appreciated Department of Chemistry for conducting the webinar on **Farmers Awareness Campaign on Balanced use of fertilizers** and he has also appreciated the students for attending more in number.



Sri Aurobindo Institute of Rural Development (SAIRD)
Krishi Vigyan Kendra (ICAR)
Gaddipally (V), Gaddipally (M), Suryapet Dist, Telangana-508201



F.NO.SAKVK/TRG/ 6 9 2021-22 Dated:17-06-2021,

To

The Principal
AV College of Arts, Science & Commerce
Affiliated to Osmania University
Gaganmahal, Hyderabad-500028, Telangana.

Respected Sir,

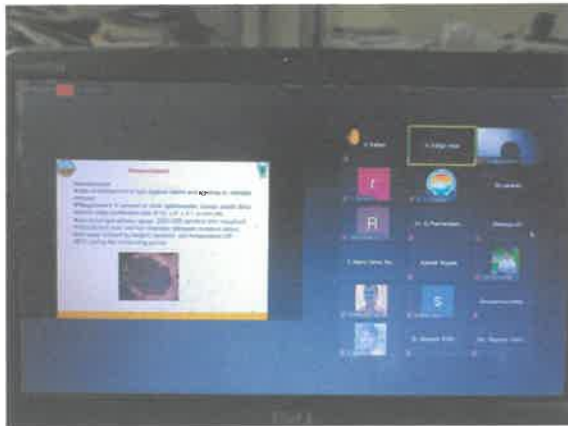
Sub: Collaboration between A.V College of Arts, Science & Commerce and Sri Aurobindo Institute of rural development Krishi Vigyan Kendra-Gaddipalli.

With reference to the subject cited above, we Sri Aurobindo Krishi Vigyan Kendra -Gaddipalli, is proposed to conduct farmers awareness campaign on balance use of fertilizers in virtual mode on 18 June-2021. Hence we request Collaboration with your institute for deliver lecture to students and farming community. The details of webinar programme schedule is enclosed here with your kind favor of information. Looking forward for your cooperation in making the programme success. Thanking You sir,

Yours Sincerely,

Programme Coordinator (IC)
K.V.R. Gaddipalli

Dr. Scientist & Head
Sri Aurobindo Krishi Vigyan Kendra (ICAR)
GADDIPALLY - 508 201,
Dist. Suryapet. (T.S)



Chaitanya
Principal

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ACTIVITY REPORT

On

“Meet the farmer” (1 - 5 June, 2021)

- 1. Name of the activity: - Farmers advised against excessive use of Chemical Fertilizer. (Extension activity).**
- 2. Title of Event: “Meet the farmer”**
- 3. Date of Event: 1st – 5th June, 2021.**
- 4. Name of organizing Department: Chemistry**
- 5. Names of Coordinators: Dr.A.Jagan Mohan Reddy,MS. G.Sudha Rani, Dr.B.Anjaiah,MS. K.Parameshwari,Dr.G.Purnachandra Reddy**
- 6. Names & Designations of Resource Persons: Farmers from various places**
- 7. No. of Participants: 45**
- 8. Activity/ Program Details:-**

The Department of Chemistry was organized an extension activity for B.Sc. Chemistry students on “Meet the former” between 1st-5th June, 2021 in coolabaration with OYSTER NGO. In this activity Farmers advised against excessive use of Chemical Fertilizerby the students and staff.

This activity is the most important wing to bridge the gap between field and students. This is being held with an objective of practical and academia Innovative practice by the Department of Chemistry. Hereafter, the topic fertilizerin B.Sc. MPC & BZC curriculum will be taught students in the agriculture field. The methodology used will help the students and think innovatively to understand the depth of the subject, easy to learn about the current developments, which are useful to new innovation in organic forming and also students will get opportunities to interact with the farmers and benefit from one-to-one counselling. They will really inspire and understand to utilize their intellectual skills in a best possible way. The present-day world education system is moving towards innovative and practical oriented method. Extension Education helps the farmers to increase organic farm productivity through adoption of innovations for better economy and to change the attitude of farmers.

In this meet the students and lectures are interacted with the farmers and they ask questions regarding organic forming.Recently farming succession has become an important topic in agriculture in order to secure agricultural manpower in response to the aging of farming households and declining population. This study investigates farmers and college students'

perception of farming succession in Telangana. Farmers and agricultural college students are potential farming transferors and successors, respectively. We meet 46 farmers and they are very accessible. Based on the students interview students concluded that farmers are not aware about the organic farming.

we are doing our best to cater extension services to last corners of remote area region where farmers are getting benefit to improve not only their socio-economic status but also to increase national income of the country. I shall be really happy if our farmers take much more help of AV extension activity to access the scientific information for increasing the farm production and productivity.

Our college Management, Principal and vice principal has appreciated Department of Chemistry for conducting the extension activity “**Meet the farmer**” and he has also appreciated the students for attending more in number.

9. Objectives of the Meet the farmer: -

1. To highlight the impact of organic fertilizer to achieve sustainable land management.
2. Organic Farming is a system of cultivation of food grains that sustains health of the soil and ecosystem.
3. To review the appropriate methods of applying organic fertilizer for soil fertility and crop production.
4. Organic farming promotes and enhances agro-ecosystem health, including biodiversity, biological cycles and soil biological activity.

10. Outcomes / Benefits of the Meet the farmer: -

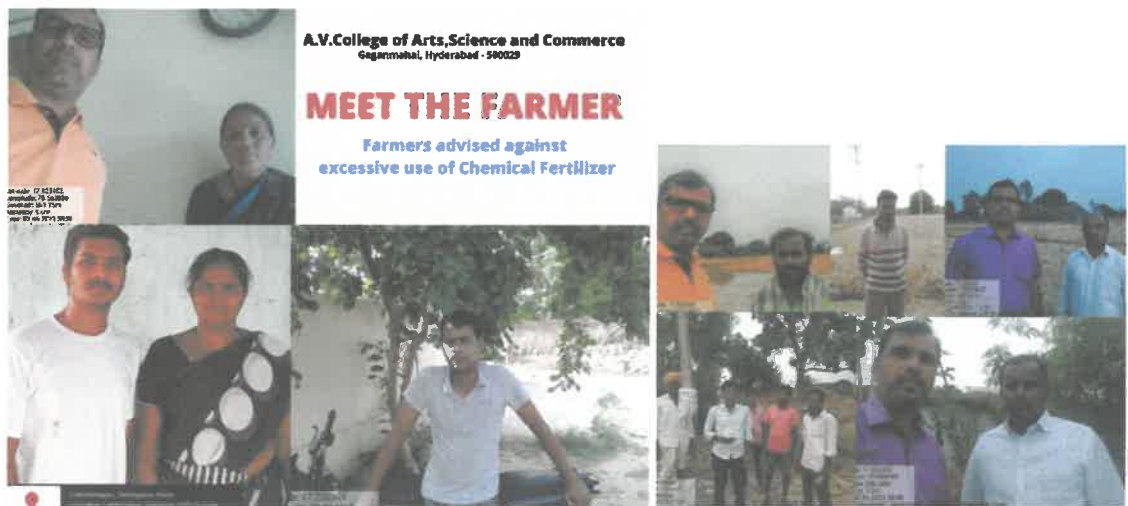
1. Students will think and understand about organic fertilizers.
2. To know the benefits of organic matter for pH, soil structure, wettability, cation exchange capacity etc... to the students practically.
3. To know their hard work done by the farmers for crop yielding.
4. To Understand the organic Fertilizers in the short- and long-term including the humification of added organic matter, forms and turnover of organic matter in soil.
5. To know the current developments in the agriculture.

10. Feedback responses: - Our student advised **against excessive use of Chemical Fertilizer.**

List of the Farmers and Students

S.No	Name	Occupation	Mobil Number	District
1	A. NARSIMHA REDDY	FARMER	9392101704	SIDDIPET
2	LAXMAN	FARMER	632759172	SIDDIPET
3	LAMBADI CHANDYA	FARMER	7674090664	SIDDIPET
4	S.YADAGIRI	FARMER	9963543867	SIDDIPET
5	SARITHA	FARMER	9704611421	SIDDIPET
6	POCHAMMA	FARMER	9989165255	SIDDIPET
7	SRISHAILAM	FARMER	9542760594	SIDDIPET
8	LACHAIAH	FARMER	9908696384	SIDDIPET
9	LALIAH	FARMER	6303705813	SIDDIPET
10	V.MADHAN MOHAN REDDY	FARMER	9010735804	SIDDIPET
11	P.SURI	FARMER	9392101704	SIDDIPET
12	V.SANJEEV	FARMER	9949392879	SIDDIPET
13	V. SRINIVAS	FARMER	9676239235	SIDDIPET
14	P.BHUPAL REDDY	FARMER	9959473455	SIDDIPET
15	S.KUMAR	FARMER	9676219297	SIDDIPET
16	V.RAMULU	FARMER	9550108929	SIDDIPET

17	T. LAXMI	FARMER	9701831541	SIDDIPET
18	T. PRASHANTH	FARMER	8074696859	SIDDIPET
19	T.SATAIAH	FARMER	9959140898	SIDDIPET
20	S. ANATH REDDY	FARMER	9948410616	JANAGAON
21	P. NARSI REDDY	FARMER	9989250906	JANAGAON
22	PONNALA RAJU	FARMER	9603240349	JANAGAON
23	MD. KHAJA MOHIUDDIN	FARMER	8498802108	JANAGAON
24	GURRALA RAVINDER REDDY	FARMER	9948083622	JANAGAON
25	GURRLA SRINIVAS REDDY	FARMER	9948770559	JANAGAON
26	J. JAGADIAH	FARMER	7036056479	JANAGAON
27	K.BALCHANDER	FARMER	9347040549	JANAGAON
28	SADDI ASHOK REDDY	FARMER	9885911132	JANAGAON
29	M. PARTHIVA REDDY	FARMER	9502491321	JANAGAON
31	SATISH REDDY	FARMER	9866759745	MANCHERIAL
32	M. BHUPATHI	FARMER	9866759745	MANCHERIAL
33	TIRUMALA MAHESH	FARMER	9866759745	MANCHERIAL
37	VENKAIAH	FARMER	8186866750	VALIGONDA
38	MALLIKARJUN	STUDENT	8186866750	KARIMNAGAR
39	PRAVEEN KUMAR	STUDENT	9542069556	MAHABUBBA D
40	Dr. A. JAGAN MOHAN REDDY	LECTURE R	9440350514	
41	Dr. B. ANJIAH	LECTURE R	9908278058	



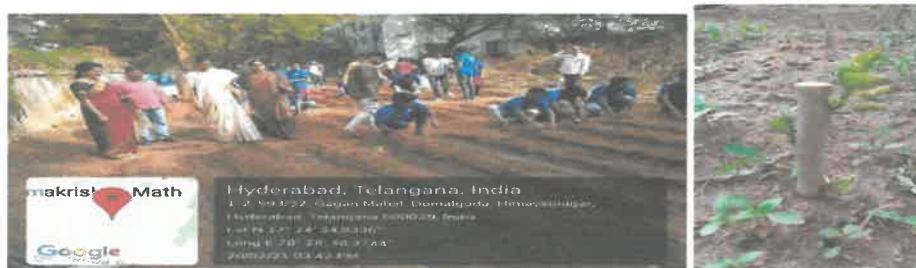
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A.V. College of Arts, Science and Commerce
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Gaganmahal, Hyderabad



Department of Botany
Moriculture
A Tool for Rural Economic Reconstruction
(A Pilot Project by Students)



Project Details / Outcome: As a pilot project we initiated Moriculture (cultivation of Mulberry plants to feed the silkworms) in the campus in collaboration with the Department of Zoology, Government Degree College Siddipet, Telangana, as it is an important agro – industry which helps in rural economic reconstruction. With this project students were able to learn the cultivation method and rearing of silkworms with hands-on experience and also, we would be able to create self – employment avenues for students. The students associated with the project were Mr. D. Madhu, Mr. P.Chaitanya Kumar, Ms. V. Amitha Reddy and Ms. Bindu.

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A V COLLEGE OF ARTS, SCIENCE & COMMERCE**ACTIVITY REPORT**

1. Name of the activity: National Webinar

2. Title of Event: “Soil Health management Through Organic Farming Practices”

3. Date of Event: 14th June 2021

4. Name of organizing Department: Chemistry

5. Names of Coordinators: Dr.A.Jagan Mohan Reddy, G.Sudha Rani,

Dr. B. Anjaiah, K.Parameshwari, Dr.G.Purnachandra Reddy

6. Names & Designations of Resource Persons: 1) Kiran Arigela, Scientist, S.M.S. (Soil Science) KVK- ICAR, Gaddipally, Suryapet, TS.

2) Ms. Saraswati Kavula, Farmer, Environmentalist and Filmmaker

7. No. of Participants: 164

8. Activity/ Program Details:

Department of Chemistry, AV College of Arts, Science & Commerce organized a National Webinar “Soil Health management Through Organic Farming Practices” in collaboration with Sri Aurobindo Rural Development Krishi Vignyan Kendra, (KVK- ICAR) Gaddipally, Suryapet, TS. & OYSTER (an NGO) on 14th June 2021.

The Webinar was inaugurated by Prof. K. Ramchandra Reddy, Vice-Chairman, Dr, G. Prakash Reddy, Secretary and Dr. K. Gautami, Correspondent, AV Education Society. The chief patrons were, Kiran Arigela, Scientist, S.M.S. (Soil Science) KVK- ICAR, Gaddipally, Suryapet, TS. And Ms. Saraswati Kavula, Farmer, Environmentalist and Film maker. The patrons were, Principal and Dr.P. Padma, vice principal, A V College.

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Prof. K. Ramchandra Reddy, Vice-Chairman, AV Education Society, explained about the importance and the advantages of organic farming.

Dr.Ch. Rajalingam, Principal, presented the establishment and information about the courses infrastructure that are available in AV College.

Dr. P. Padma, Vice- Principal, explained about the green initiatives that are following in the college premises to protect the environment.

Dr. A. Jagan Mohan Reddy, HOD Chemistry, had presented the theme of the webinar, the best practices of Chemistry department and the various seminars, webinars and social activities conducted so far.

The chief patron, Mr. Kiran Arigela, Scientist, had a detailed discussion about the usage of fertilizers and pesticides in proper quantities according to the nature of soil. Micro nutrients and soil management related problems and their solutions and the disadvantages of excess use of fertilizers and pesticides. Importance of Organic Carbon and soil health management methods, also explained about the reasons for decreasing the soil fertility.

Mr. Kiran Arigela, also explained about the soil tests, how to take the soil samplings, soil analysis and interpretation of soil analysis data. Also explained the differences between conventional farming and Organic farming and the advantages of Organic farming over conventional farming.

Ms. Saraswati Kavula, Farmer, Environmentalist and Film maker, explained about the general micronutrients required for the crops, the importance and types of bio fertilizers, and also explained about the crop exchange methods and the advantages. Being a farmer, the general problems faced by the farmers in protection of various crops from different factors.

Outcomes / Benefits: Students faculty and the farmers understand the healthy soil management techniques and will come to know the importance and advantages of organic farming. Farmers may practice healthy and ecological farming in their fields.

9. Outcomes / Benefits: Students faculty and the farmers understand the healthy soil management techniques and will come to know the importance and advantages of organic farming. Farmers may practice healthy and ecological farming in their fields.

10. Feedback responses: All the participants expressed their feedback about the program very satisfactorily.


Principal

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Department of Botany
Urban Farming

Student Project – Terrace Gardening Date - 28.08.2019

No of Students - 15



First Harvest

Second Harvest

Program Details / Outcome: Students established Terrace Garden as a project to demonstrate the urban farming method in a sustainable way. Students used the compost from our vermicompost pit. Students used Grow bags and Bottles for cultivation, especially the leafy vegetables. Students have taken up this project to have hands-on experience of organic cultivation of vegetables. Through this project students were able to learn the method of composting the bio-waste and how to grow our own vegetables in a limited space and resources.

HoD

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