

KERALA VERMA SUBHARTI COLLEGE OF SCIENCE

DEPARTMENT OF AGRICULTURE

VALUE ADDED COURSE AND ITS OBJECTIVES

Session 2020-21



Course Name: Advance
Agriculture Technologies
Course Code: VAC-AG-001
Course Coordinator: Dr. Anuj Yadav
Designation: Assistant Professor
Contact no.: -7084593013
Duration: 24/5/2021-12/6/2021



The objective of the program

To teach various advance agriculture technologies viz. latest irrigation technologies, aware from various latest agriculture equipment's and their benefits in the farmer life.



Department of Agriculture
Keral Verma Subharti College of Science
SWAMI VIVEKANAND SUBHARTI UNIVERSITY

(Established under U.P. Govt. Act no. 29 of 2008 and approved under section 2(i) of UGC Act 1956)
Ph. 0121-2439578, 2439052, 3058031, 3058032. Telefax: 0121



Ref. No. KVSCOS/AG/2021/ 02

Date: 21-05-2021

NOTICE

It's to inform all UG students department of Agriculture, KVSCOS is running an online Value Added Course on the topic "Advanced Agriculture Technologies "from 24/5/2021. Dr. Anuj Yadav is the course co-ordinator, interested students give their name to her before 23/5/2021.

Dr. Amit Kumar

**In-Charge Agriculture Department
KVSCOS, SVSU, Meerut**

Registrar
Swami Vivekanand
Subharti University
MEERUT



VALUE ADDED COURSES

Advanced Agriculture Techniques

VAC-AG-001

Objectives : To study the students of various advance agriculture technologies viz. latest irrigation technologies, aware from various latest agriculture equipment's and their benefits in the farmer life.

Module I: Irrigation and their different component. Irrigation Efficiency and their different types.

Module II: Study the different methods of Irrigation Viz Surface Irrigation, Sub Surface irrigation, Drip Irrigation and Sprinkle Irrigation.

Module III: Study the different Farm Equipment's Viz. Primary and Secondary tillage equipment's.

Module:IV Two and Four Stock Engine and their different parts. Study the different parts of the tractors. Difference between diesel and Petrol Engine infertility disorders. Techniques involved in assisted reproductive technology (ART). Culture media and cell culture techniques in ART programme.

Suggested References:

1. Clinical Biochemistry – Metabolic and Clinical aspects By-William J. Marshall & Stephen K. Angert.
2. Harper's Biochemistry - 27th Ed.
3. Text book of Medical Physiology - By Guyton.
4. Text book of Physiology -By Burn & levy.
5. Biochemistry –By L .Stryer (Freeman & Co.NY.)
6. Biochemistry with clinical correlation- By Thomas Devli.
7. The Metabolic Basis of Inherited Disease 5th Ed.-By John Stanbury.
8. Teitz Fundamentals of Clinical Chemistry –By C.A.Burtis & Ashwood .
9. Biochemistry - By Lehninger.
10. Lehninger's Biochemistry –By Nelson & Cox.
11. Biochemistry –By Stanford.
12. Basic Medical Biochemistry: A Clinical approach- By Smith.
13. Principles of Internal Medicines- By Harrison.T. R.
14. Practical Biochemistry Principles & Techniques- By Wilson & Walker.
15. Practical Biochemistry –By David Plummer.


Registrar
Swami Vivekanand
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Ref. No. KVSCOS/AG/2021/14

Date: 14-06-2021

Report on Value Added Course

A value added course on "Advanced Agriculture Technologies" was conducted in Agriculture department for all UG students, one hour per day for 16 days. The course starts on 24-05-2021 and completed on 10/06/2021. The session was handled by Dr. Anuj Yadav, Assistant Professor department of Agriculture on the need for "Advanced Agriculture Technologies". On that session students learnt about the basic concepts of Agriculture technologies. Students felt that this value added session on Advanced Agriculture Technologies was very much useful for them and they got the basic idea for developing their knowledge about agriculture field. To teach various latest advanced agriculture techniques which is very use in improve the crop production and also improve the life of the farmer. It is planned to extend this value added training in the next semester with having more refined and advanced tool for their development.

Dr. Amit Kumar

HOD, (Agriculture Department)

KVSCOS, SVSU, Meerut

Registrar
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Subharti University
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DEPARTMENT OF AGRICULTURE
KERAL VERMA SUBHARTI COLLEGE OF SCIENCE
SWAMI VIVEKANAND SUBHARTI UNIVERSITY
Subhartipuram, NH-58 Delhi-Haridwar-Meerut Bypass Road
Meerut -250005



Student List of Value added Course 2020-2021

Even Semester

No of Student: 32

Course Name: **Advanced Agriculture Technologies**

Course Code: **VAC-AG-001**

| S.No. | Course Programme | Name | Student enrollment number |
|-------|---------------------|-------------------------|---------------------------|
| 1 | BSC (Agriculture) | AIMAN ANJUM | 1906000002476 |
| 2 | BSC (Agriculture) | ALOK KUMAR | P-28762 |
| 3 | BSC (Agriculture) | AMARDEEP KUMAR | 1906000002473 |
| 4 | BSC (Agriculture) | ANJALI KUMARI | 1906000002483 |
| 5 | BSC (Agriculture) | ANKUR KUMAR | 1906000001949 |
| 6 | BSC (Agriculture) | ARYA MUSKAN | 1906000002481 |
| 7 | BSC (Agriculture) | BHANU PRATAP SINGH | 1906000003125 |
| 8 | BSC (Agriculture) | BHEEM KUMAR | 1906000003126 |
| 9 | BSC (Agriculture) | BITTU KUMAR | 1906000003128 |
| 10 | BSC (Agriculture) | DHARMESHWAR NATH PANDEY | 1906000001936 |
| 11 | BSC (Agriculture) | DIVYA BHARTI | 1906000001939 |
| 12 | BSC (Agriculture) | EKTA KUMARI | 1906000001948 |
| 13 | BSC (Agriculture) | GULSHAN KUMAR | 1906000002477 |
| 14 | BSC (Agriculture) | HARIOM SAHU | P-28840 |
| 15 | BSC (Agriculture) | KARAN | 1906000002036 |
| 16 | BSC (Agriculture) | KOMAL KUMARI | 1906000001938 |
| 17 | BSC (Agriculture) | NALIN KUMAR | 1906000002474 |
| 18 | BSC (Agriculture) | NAVNEET KUMAR | 1906000003129 |
| 19 | BSC (Agriculture) | NEHA SINGH | 1906000001931 |

A

Ms. Singh
DEAN
KERAL VERMA SUBHARTI COLLEGE OF SCIENCE, S. S. U. MEERUT



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CamScanner

| | | | |
|----|---------------------|----------------------|---------------|
| 20 | BSC (Agriculture) | NIRANJAN KUMAR | 1906000003130 |
| 21 | BSC (Agriculture) | NITISH KUMAR YADAV | 1906000002479 |
| 22 | BSC (Agriculture) | POOJA KUMARI | 1906000002471 |
| 23 | BSC (Agriculture) | POOJA KUMARI | 1906000002472 |
| 24 | BSC (Agriculture) | PRIYANKA SHRIVASTAVA | 1906000001930 |
| 25 | BSC (Agriculture) | PRIYESH KUMAR SINGH | 1906000003131 |
| 26 | BSC (Agriculture) | RINTA KUMARI | 1906000001934 |
| 27 | BSC (Agriculture) | RUPESH KUMAR | 1906000002475 |
| 28 | BSC (Agriculture) | SATYAM KUMAR | P-29031 |
| 29 | BSC (Agriculture) | SHABNAM BHARTI | 1906000002484 |
| 30 | BSC (Agriculture) | SHIVANI RUPAM | 1906000001942 |
| 31 | BSC (Agriculture) | SURYA DEV KUMAR | 1906000002760 |
| 32 | BSC (Agriculture) | SURYANSHI KASHYAP | 1906000001935 |

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 Registrar
 Swami Vivekanand
 Subharti University
 MEERUT





Department of Agriculture
Swami Vivekanand Subharti University
Meerut

Keral Verma Subharti College of Science

Certificate of Value Added Course

This is to certify that Mr./Ms..... of Course
..... has successfully completed his/her
Online value added course entitled "**Advanced
Agriculture Technologies**" during 24/5/2021 -
12/6/2021 .

Amit Kumar

HOD

Ami

Course Co-ordinator

meet.google.com/ags-kjlg-stz?pli=1&authuser=0

Apps Fix connection err... Other bookmarks Reading list

The screenshot shows a Google Meet interface with a grid of 15 participants. The participants are: komal kumari, priyeshkumar singh, RINTA KUMARI, Priyanka Shrivastava, Singh Neha, Ekta Singh, Amardeep Kumar, Bheem Kumar, Ankur Kumar, Nalin Kumar, vishveejeet raj, Anjali Kumari, Pooja Kumari, Bittu Kumar, and Aiman Anjum. A 'People' sidebar on the right lists the participants, with 'Dr. Amit Kumar (You)' at the top. A notification at the bottom left says 'Dr. Amit Kumar has left the meeting'. The bottom status bar shows '3:10 PM | Value Added Course VAC-AG-01' and various meeting controls.

People

Add people

IN CALL

Dr. Amit Kumar (You)

Aiman Anjum

Amardeep Kumar

Anjali Kumari

Ankur Kumar

Bheem Kumar

Bittu Kumar

3:10 PM | Value Added Course VAC-AG-01

Personal hotspot Used 45.6 MB

The screenshot shows an Android mobile interface. At the top, there's a 'Personal hotspot' indicator and 'Used 45.6 MB'. Below that is a profile card for 'Anuj Yadav' with a blue circular logo containing a white 'A'. At the bottom, there's a list of participants in a meeting. The list includes 'Anuj Yadav (You)', 'pooja raj', 'nitish Kumar yadav', and 'Hariom Sahu'. There are also icons for 29 people, 4 messages, and an info icon. A section titled 'Also in the meeting (25)' is partially visible at the bottom.

Anuj Yadav

(29)

4

Anuj Yadav (You)

pooja raj

nitish Kumar yadav

Hariom Sahu

Also in the meeting (25)