DAY WISE SCHEDULE

DAY ONE - NOV 20, 2023 - SESSION 1

8.30 AM REGISTRATION

9.00 AM INAUGURAL SESSION

9.30 AM - 12 NOON

Introduction to Data Science and its role in agriculture

Dr. Balaji Kannan, Prof. and Head, TNAU

12 NOON - 1.00 PM

Article Discussion

1.00 PM - 2.00 PM

Lunch Break

DAY ONE - NOV 20, 2023 - SESSION 2

2.00 PM - 4.30 PM

Introduction to Python

Dr. C. S. Sumathi, Professor (CS), PS&IT, TNAU

4.30 PM - 5.30 PM

Introduction to Python

Dr. C. S. Sumathi, Professor (CS), PS&IT, TNAU

Agricultural Engineering College and Research Institute
Department of Physical Sciences and Information Technology

ATAL FDP   Data Science in Agriculture   Schedule

20 - 25 NOVEMBER 2023

DAY WISE SCHEDULE

DAY TWO - NOV 21, 2023 - SESSION 3

9.30 AM - 12 NOON

Exploratory Data Analysis (EDA) and Data Visualization for Agriculture

Dr. Gajendra Babu, Director, Chloropy Technologies, Hyderabad

12 NOON - 1.00 PM

Article Discussion

1.00 PM - 2.00 PM

Lunch Break

DAY TWO - NOV 21, 2023 - SESSION 4

2.00 PM - 4.30 PM

Machine Learning Algorithms and its application in Agriculture

Dr. M. Kalpana, Professor (CS), TNAU

4.30 PM - 5.30 PM

Water Budgeting

Dr. A. Raviraj, Dean (Engg.), TNAU

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DAY WISE SCHEDULE

DAY THREE- NOV 22, 2023 - SESSION 5

9.30 AM - 12 NOON

Data security and Privacy

Mr. P, Dinesh,
CEO, Hackup Technologies, Coimbatore

12 NOON - 1.00 PM

Article Discussion

1.00 PM - 2.00 PM

Lunch Break

DAY THREE - NOV 22, 2023 - SESSION 6

2.00 PM - 4.30 PM

Climate Data Analysis using Python

Mr. Dinesh, Data Scientist,
Bosch Global Software Technologies, Coimbatore

4.30 PM - 5.30 PM

Climate Data Analysis using Python

Mr. Dinesh, Data Scientist,
Bosch Global Software Technologies, Coimbatore

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20 - 25 NOVEMBER 2023

DAY WISE SCHEDULE

DAY FOUR- NOV 23, 2023 - SESSION 7

9.30 AM - 12 NOON

Emotional Wellness and Stress Management

Mr. Nandakumar Gopalan, Founder,
Wellness Mentor Consulting, Chennai

12 NOON - 1.00 PM

Article Discussion

1.00 PM - 2.00 PM

Lunch Break

DAY FOUR- NOV 23, 2023 - SESSION 8

2.00 PM - 4.30 PM

Spatial Data Creation using GIS

Mr. Sakthivel,
GIS – Power, ICF, Coimbatore

4.30 PM - 5.30 PM

Spatial Data Creation using GIS

Mr. Sakthivel,
GIS – Power, ICF, Coimbatore

**Agricultural Engineering College and Research Institute
Department of Physical Sciences and Information Technology**

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20 - 25 NOVEMBER 2023

DAY FIVE - NOV 24, 2023 - SESSION 9

9.30 AM - 1.00 PM -

> **Visit to ICAR - Central Institute of Agricultural Engineering - Regional Centre, Coimbatore**

1.00 PM - 2.00 PM

> **Lunch Break**

DAY FIVE - NOV 24, 2023 - SESSION 10

2.00 PM - 4.30 PM

> **Data extraction and visualization from Drone Data**
>
> **Dr. Raja, Principal Scientist, CICR Regional Centre, Coimbatore**

4.30 PM - 5.30 PM

> **Data extraction and visualization from Drone Data**
>
> **Dr. Raja, Principal Scientist, CICR Regional Centre, Coimbatore**

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Department of Physical Sciences and Information Technology

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20 - 25 NOVEMBER 2023

DAY WISE SCHEDULE

DAY SIX - NOV 25, 2023 - SESSION 11

9.30 AM - 12 NOON

Spatial Data Management for Agricultural Research

Mr. D Ragavan, Head of Operations
M/s Indian Geoinformatics Centre, Chennai

12 NOON - 1.00 PM

Reflection Journal

1.00 PM - 2.00 PM

Lunch Break

DAY SIX - NOV 25, 2023 - SESSION 12

2.00 PM - 4.00 PM

MCQ, Feedback & Interactions

4.00 PM - 5.00 PM

Valedictory Session

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