



**Acharya N.G. Ranga Agricultural University**  
**S.V. Agricultural College, Tirupati**

**National Webinar on**  
**“Scope of Cluster Analysis in Agriculture and Allied Sectors”**

**Date:** 9<sup>th</sup> July 2021

**Time:** 03:00 PM – 05.00 PM

**Chief Guest**



**Dr. A. Vishnuvardhan Reddy**  
Hon'ble Vice-Chancellor  
ANGRAU

**Guest of Honour**



**Dr. A. Pratap Kumar Reddy**  
Dean of Agriculture  
ANGRAU

**Chairman**



**Dr. B. Ravindranatha Reddy**  
Associate Dean  
S.V. Agricultural College, Tirupati

**Special Invitee**



**Dr. V. Srinivasa Rao**  
Professor & University Head  
Hon'ble Member BOM, ANGRAU

**Invited Speaker**

**Talk 1:**  
**Introduction to Cluster**  
**Analysis and its**  
**applications in Agriculture**



**Dr. ALKA ARORA**  
Principal Scientist  
Division of Computer Applications  
ICAR-Indian Agricultural Statistics Research Institute  
PUSA, New Delhi

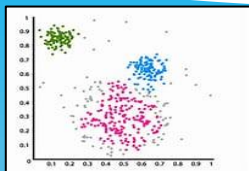
**Talk 2:**  
**Cluster analysis using R**  
**software**

**Dr. P. LAVANYA KUMARI**  
Asst. Professor & Head  
Organizing Secretary

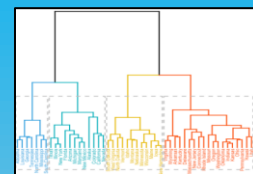
**Dr. B. RAMANA MURTHY**  
Asst. Professor  
Co- Organizing Secretary

**Dr. SK NAFEEZ UMAR**  
Asst. Professor  
Co- Organizing Secretary

PG Students : **K.Gurucharan & G. Tejaswini Reddy**  
Department of Statistics & Computer Applications



## About the Webinar



**Cluster analysis** is a multivariate data mining technique whose goal is to group objects viz., products, respondents, or other entities based on a set of user selected characteristics or attributes. It is the basic and most important step of data mining and a common technique for statistical data analysis, and it is used in many fields such as Agriculture, data compression, machine learning, pattern recognition, information retrieval etc. The cluster-based approach can be used to form a consolidated cultivable holding of specific food grains, vegetables, fruits and other horticulture crops.

| <b>PROGRAMME SCHEDULE</b> |   |
|---------------------------|---|
| 03.00 - 03.05 PM          | <b>Welcome address by</b><br>Dr. B. Ravindranatha Reddy<br>Associate Dean, S.V. Agricultural College, Tirupati  |
| 03.05 - 03.10 PM          | <b>Address by Guest of Honour</b><br>Dr. A. Pratap Kumar Reddy<br>Dean of Agriculture, ANGRAU   |
| 03.10 - 03.20 PM          | <b>Address by Chief Guest</b><br>Dr. A. Vishnuvardhan Reddy<br>Hon'ble Vice-Chancellor, ANGRAU  |
| 03.20 - 03.25 PM          | <b>Opening Remarks on Topic</b><br>Dr. V. Srinivasa Rao<br>Professor & University Head<br>Hon'ble Member, BOM, ANGRAU<br>Dept. of Statistics & Computer Applications<br>Agricultural College, Bapatla       |
| 03.25 - 03.30 PM          | <b>Introduction of Speaker</b><br>Dr. P. Lavanya Kumari<br>Assistant Professor and Head<br>Dept. of Statistics & Computer Applications<br>S.V. Agricultural College, Tirupati                               |
| 03.30 - 04.10 PM          | <b>Invited Talk on "Introduction to Cluster Analysis and its applications in Agriculture"</b><br>Dr. ALKA ARORA<br>Principal Scientist<br>Division of Computer Applications<br>ICAR- IASRI, PUSA, New Delhi |
| 04.10 - 04.15 PM          | <b>Interactive Session</b>  |
| 04.15 - 04.50 PM          | <b>Invited Talk on "Cluster analysis using R-software"</b><br>Dr. ALKA ARORA<br>Principal Scientist<br>Division of Computer Applications<br>ICAR- IASRI, PUSA, New Delhi                                    |
| 04.50 - 04.55 PM          | <b>Interactive Session</b>  |
| 04.55 - 05.00 PM          | <b>Vote of Thanks</b><br>Dr. Sk Nafeez Umar<br>Assistant Professor<br>Dept. of Statistics and Computer Applications<br>S.V. Agricultural College, Tirupati  |

### Registration Details

- **Eligibility for Registration** : Students, Faculty and Scientists in Agriculture and allied sectors
- **Last Date for Registration** : 07.07.2021 (Upto 12:00 Noon)
- **E-Certificate** will be issued only after submitting the Feedback form

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