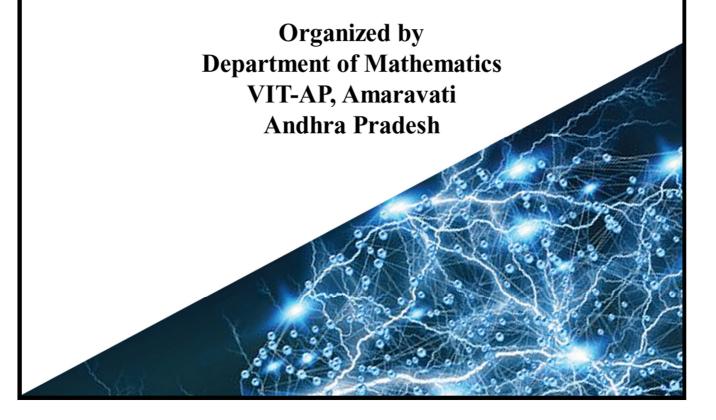# HANDS-ON 3 DAY FDP

# ON

# STATISTICAL DATA ANALYSIS AND

# MACHINE LEARNING USING R

## 10th - 12th July 2018

Resource Person : **Dr. Indranil Mukhopadhyay**
Associate Professor,
Human Genetics Unit, Indian Statistical Institute, India

**Organized by
Department of Mathematics
VIT-AP, Amaravati
Andhra Pradesh**

# SCHEDULE

| DAY & DATE | TIME | PLAN |
|---|---|---|
| Day - 1 (10.07.2018) | 9.30 am | Inauguration |
| | 10.15 am | TEA BREAK |
| | 10.30 am | Talk 1 (Basics of Regression analysis) |
| | 11.45 am | Talk 2 (Basics of R) |
| | 12.45 pm | LUNCH BREAK |
| | 2.00 pm | Talk 3 (Hands on for Talk 1 & Talk 2) |
| | 3.15 pm | TEA BREAK |
| | 3.30-4.30 pm | Talk 4 (Hands on continues) |
| Day - 2 (11.07.2018) | 9.30 am | Talk 1 (Testing of Hypothesis) |
| | 11.00 am | TEA BREAK |
| | 11.15 am | Talk 2 (Hands on for Hypothesis testing) |
| | 12.45 pm | LUNCH BREAK |
| | 2.00 pm | Talk 3  (Multivariate data analysis) |
| | 3.15 pm | TEA BREAK |
| | 3.30-4.30 pm | Talk 4 (Hands on for talk 4) |
| Day - 3 (12.07.2018) | 9.30 am | Talk 1 (Machine learning I) |
| | 11.00 am | TEA BREAK |
| | 11.15 am | Talk 2 (Hands on  for Machine learning I) |
| | 12.45 pm | LUNCH BREAK |
| | 2.00 pm | Talk 3  (Machine learning II) |
| | 3.15 pm | TEA BREAK |
| | 3.30 pm | Talk 4 (Hands on for Machine learning II) |
| | 4.30-5.00 pm | Certificate Distribution/Valedictory |

- The event is mainly organized for internal faculties from Science and Engineering background.

- Last date of registration: **5th July 2018.**

- For registration contact Dr. M. Phani Kumar, Dept. Mathematics.

- Kindly note that certificates will be issued only if all the sessions are attended.