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### Convenor

Dr.P.Venkatakrishnan Professor

### Coordinators

Mr. Tara Sai Kumar, Centre Lead, CSIP  
Mrs. K. Mohana Lakshmi Assoc. Prof

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Mr.S.Mallesha, Asst.Prof / ECE  
Mr.S.Venkatesh Asst.Prof / ECE  
Mr.T.Sateesh, Asst.Prof / ECE

### Registration Link

One Week FDP S-DTH CMR Technical  
Campus, Hyderabad

<https://forms.gle/zPbdT8z9snYL1JqY9>

### Registration Fee

Industrial delegates : Rs. 500/-  
Faculty & Research Scholar : Rs. 300/-  
Student : Rs. 100/-

### Mode of Payment Net Banking

Bank Name: HDFC Bank  
Branch : Medchal  
Account Name: CMR Technical Campus  
Account No.: 16402320000013  
IFSC Code: HDFC0001640

### Important Dates:

Last date of Submission: 12<sup>th</sup> September. 2020.  
Intimation of acceptance: 18<sup>th</sup> September. 2020.  
FDP Date: September 21<sup>th</sup>-26<sup>th</sup> 2020.

### FDP Topics:

1. Mann – Whitney U Test
2. ROC Curve – Area under ROC Curve (AUROC)
3. Gini Index Calculation
4. ANOVA Test: ONE way and TWO ways
5. Sphericity Test

**Expected Outcome:** End of the Faculty Development Program, we should ensure that 85% of the participants can imbibe the concepts mathematically and could implement into their research work. Especially the following outcomes are derived from this one week course:

- Clear understanding of theory and practical concepts about each topic
- Matrix manipulation of samples, vectors or higher order samples
- Prediction of data samples about its mean and variance
- Influence of p-value in our research work
- Handle to apply in AI,ML and DL in the field from Agriculture to Information Technology Sector

### Address for Communication

**Dr.P.Venkatakrishnan**

The coordinator,  
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## ONE Week Faculty Development Program (FDP)

On

“STATISTICAL DECISION THEORY  
through HYPOTHESIS Setting”  
**SDTH'2020**



21.09.2020 – 26.09.2020



Organised by  
Centre for Signal and Image Processing  
(CSIP)

of

**DEPARTMENT OF ECE**  
**(Accredited by NBA)**  
**CMR TECHNICAL CAMPUS**  
**(UGC Autonomous)**  
**KANDLAKOYA, HYDERABAD**  
**TELANGANA - 501 401**  
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