

### CHIEF PATRON

Dr. K. P. Srinivas Rao

Chairman, Matrusri Education Society

### PATRON

Dr. G. Kanaka Durga

Principal, MVSR Engineering College

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Prof. J. Prasanna Kumar

Professor & Head, CSED

Dr. B.Sandhya

Professor, CSED

### CONVENORS

B.Venkataramana

Assistant Professor, CSED

A.Saritha

Assistant Professor, CSED

### CO-CONVENOR

Dr.Sirisha Daggubati

SBC CSI MVSR Student Branch

### CO-ORDINATOR

T.Srikanth

Assistant Professor, CSED

### STUDENT CO-ORDINATORS

Rahul Kanna, Aparna, Harshith, Veena, Adil

## About the workshop

The goal of this workshop is to

- Provide the basic knowledge needed to solve real problems and understand the recent and advanced NLP topics.
- Bring together leading academicians, researchers to discuss their findings in NLP.
- Demonstrate Python implementations of textual data operations, such as Pre-processing, Word embeddings, use of LSTMs, Transformers etc.

## Resource Persons

Dr D. V. Ramana

Data Strategist-Consultant, Program Manager EMPIEZO

Dr L. K. Suresh Kumar

Chairman BOS, CSE DEPT, OU HYD

Dr Hima Bindu K

HOD, CSE, NIT, Andhrapradesh

Dr K. Sathya Babu

HOD, CSE, IIIT Kurnool

Dr Suneetha Eluri

Additional Controller of Examinations (SDC), JNTUK, Kakinada

## Hands-On Support

Dr .B.Sandhya , Professor

Dr.D.Sirisha , Associate Professor

Dr.Y.Madhulikha , Associate Professor

B.Venkataramana , Assistant Professor

K.Padma , Assistant Professor

B.Kalpna , Assistant Professor

## ORGANIZING COMMITTEE

### Registrations

K.Padma (I/c), P.Phani Prasad

### Technical

T.Srikanth(I/c), B.Ranjith

### Publicity & Finance

V Sathish(I/c), I Navakanth

### Ceremonial

M.Dyna

### Hospitality

G Madhu(I/c), B.Kalpna

### Event Summary Report

A.Saritha(I/c), T Srikanth

ONE WEEK NATIONAL WORKSHOP

on

# Advances in NLP

with Hands-on

17th – 22nd October, 2022

Organized by

Department of Computer Science & Engineering

In Collaboration with



CSI - MVSR Student Chapter

&

ISTE - MVSREC Faculty Chapter



**ISTE**  
INDIAN SOCIETY FOR  
TECHNICAL EDUCATION  
MVSREC FACULTY CHAPTER



## MATURI VENKATA SUBBA RAO (MVSR) ENGINEERING COLLEGE

(An Autonomous Institution)

Sponsored by Matrusri Education Society (Estd. 1980)

Affiliated to Osmania University, Recognized by AICTE

Balapur(M), Nadargul(V), Hyderabad-501510, Telangana State

## About the College

Maturi Venkata Subba Rao (MVSR) Engineering College, an Autonomous Institution sponsored by Matrusri Education Society, was founded in 1981. Over the years it has grown in stature and is presently acknowledged as a premier technical institute in Telangana. The Institution is supported by eminent, experienced Faculty members and ably assisted by Technical staff. The college offers B.E. Degree courses in Civil, ECE, EEE, CSE, CSE(AI&ML), CSE(DS), CSE(IoT and Cyber Security including Blockchain Technology), CSIT, IT, Mechanical and Automobile Engineering disciplines. The courses are affiliated to Osmania University and are approved by AICTE. The college is NAAC accredited. The college also has Post-Graduate courses in M.E. [Mech - (CAD / CAM)], ECE (Embedded Systems & VLSI Design)], M.Tech.(CSE), M.E. [Civil - (Structural Engineering)] and MBA. The college is a recognized Research center for PhD (CSE, ECE & MECH) by Osmania University. The college is an Institutional member of several professional bodies.

## About the Department

The Computer Science & Engineering Department was started in 1985. The department runs UG & PG programmes. The UG programme is NBA accredited. The current intake is 420 for U.G. and 18 for P.G. The department has well qualified and experienced staff. Apart from the regular academic work, the department emphasizes Hands-on Interactive Learning approaches with the help of Industry collaborations and State-of-the-art laboratories throughout the four year course.

## PROGRAM SCHEDULE

**17  
OCT**

- “Overview of NLP Applications”
- “Introduction to various Libraries with Hands On”

- “Language Modeling”
- “Text Pre-Processing with Hands On”

**18  
OCT**

**19  
OCT**

- “Word Embedding with Hands On”
- “Toxic Comment Classification with Contextual Embeddings”

- “Transformers in NLP”
- “Word Embedding with Hands On”

**20  
OCT**

**21  
OCT**

- “NLP Operations, Research challenges with respect to Indian Languages”
- “RNL and LSTM with hands-on ”

- “Natural language processing and Machine learning-Case study”
- “Valedictory Session “

**22  
OCT**

## REGISTRATION FORM

(Due Date:12th October 2022)

Name : \_\_\_\_\_

Dept : \_\_\_\_\_

Institution : \_\_\_\_\_

Contact No. : \_\_\_\_\_

Email ID : \_\_\_\_\_

### Registration Fee:

Faculty : Rs 800/-

Student/Research Scholar : Rs 500/-

**Limited registrations based on First come First serve.**



Google Form Link  
for registration -  
<https://forms.gle/feHIVMaCSYRdtV1x5>

For More Details Contact:  
T Srikanth - 9908663866  
Mail us: [events\\_cse@mvsrec.edu.in](mailto:events_cse@mvsrec.edu.in)