

# KESHAV MEMORIAL INSTITUTE OF TECHNOLOGY

Narayanaguda, Hyderabad-500029

## FACULTY PROFILE

- |                                 |   |   |   |
|---------------------------------|---|---|---|
| 1. NAME                         | : | SRINIVAS MEKALA                                     |  |
| 2. JNTUHREGISTRATIONID          | : | 23150405-193508                                     |   |
| 3. DATE OFBIRTH                 | : | 20-04-1976  |   |
| 4. DESIGNATION                  | : | Assistant Professor                                 |   |
| 5. YEARSOFEXPERIENCE            | : | 16 years  |   |
| 6. UGDEGREE                     | : | B.Tech (CSE)  |   |
| 7. PGDEGREE                     | : | M.Tech (Software Engineering)                       |   |
| 8. Ph.D (Area of the Ph.D Work) | : | Pursuing from JNTUH, Hyderabad in Text Mining area. |   |
| 9. SUBJECT STAUGHT              | : |   |   |
- Data Mining
  - Software Engineering
  - Formal Languages and Automata Theory
  - Compiler Design
  - Operating Systems
  - Data structures
  - Advanced Data Mining
  - Advanced data Structures
  - Advanced Databases

### 10. PAPERPUBLICATIONSININTERNATIONALJOURNALS:

- i. Dimensionality Reduction in Natural Language Text document using PCA Technique
- ii. Kernel PCA Based Dimensionality Reduction Techniques for preprocessing of Telugu text documents for Cluster Analysis.
- iii. Forward Pseudo Syllable N-gramming Based Dimensionality Reduction Using PCA and KPCA for Natural Language Text Documents Clusterization.

### 11. CONTRIBUTIONSATTHEDEPARTMENTALLEVEL: Prepared Data Mining Lab Manual, Class Teacher and Subject coordinator roles performed successfully.

**12. REFRESHERCOURSES/WORKSHOPS/CONFERENCESATTENDED:**

<b>Attended:</b>				
<b>Sl. No.</b>	<b>Name of the Course / Summer School</b>	<b>Place</b>	<b>Duration</b>	<b>Sponsoring Agency</b>
1	3 rd International Conference on Computational Intelligence and Informatics-ICCII-2018	Hyderabad	2 Days	Springer
2	3 rd. International Conference on Computational Intelligence & Data Engineering (ICCIDE - 2020)	Hyderabad	1 day	Springer

**Course Era Courses Certified:**

<b>Sl. No</b>	<b>Subject</b>	<b>Organized by Whom</b>	<b>Year</b>	<b>Sem</b>
1	AI for Every One	deeplearning.ai	2019-20	II
2	Programming for Every body	University of Michigan	2019-20	II
3	Python Data Structures	University of Michigan	2019-20	II
4	Python for Every Body	University of Michigan	2019-20	II
5	Retrieving, Processing, and Visualizing Data with Python	University of Michigan	2019-20	II
6	Using Python to Access Web Data	University of Michigan	2019-20	II

**NPTEL Courses Certified:**

<b>Sl. No</b>	<b>Subject</b>	<b>Score</b>	<b>Organized by Whom</b>	<b>Year</b>	<b>Sem</b>
1	Compiler Design	63	IIT Kharagpur	2018-19	I
2	Software Engineering	75	IIT Kharagpur	2019-20	I
3	Compiler Design	96	IIT Kharagpur	2019-20	I
4	Data Mining	95	IIT Kharagpur	2019-20	I

**Faculty Development Programs Attended:****2019-20 I Sem**

Sl. No	FDP	No of Days	Organized by Whom	Year	Sem
1	AICTE Mandate Examination Reforms- Outcome Based Teaching, Learning and Assessment Strategies	3	JNTUH Hyderabad	2019-20	I
2	Data Science and Deep Learning	2	School of Information Technology	2019-20	I
3	NAAC Assessment and Accreditation Process- An overview	1	Keshav Memorial Institute of Commerce and Sciences	2019-20	I
4	Machine Learning Using Python and R Programming	1 Week	Narasimha Reddy College of Engineering	2019-20	I

**2019-20 II Sem**

Sl. No	FDP	No of Days	Organized by Whom	Year	Sem
1	Artificial Intelligence	5	G. Narayanamma Institute of Technology and Science	2019-20	II
2	ANGULAR JS	1	JNTUA COLLEGE OF ENGINEERING PULLIVENDULA (AUTONOMOUS)	2019-20	II
3	Block Chain Architecture Ethereum and Hyperledger	5	Kakatiya Institute of Technology and Science. Warangal	2019-20	II
4	Block Chain Technology	2	Keshav Memorial Institute of Technology	2019-20	II
5	Block Chain and its Applications	6	GMR Institute of Technology	2019-20	II
6	Cyber Forensics and Cyber Security	5	G. Narayanamma Institute of Technology and Science	2019-20	II
7	Cyber Security	5	G. Narayanamma Institute of Technology and Science	2019-20	II
8	DevOps	2	Kakatiya Institute of Technology and Science. Warangal	2019-20	II

9	Disruptive Technologies in Electronics & Communications	6	Vidya Jyothi Institute of Technology	2019-20	II
10	Emerging Trends in Information Technology	5	KARPAGAM COLLEGE OF ENGINEERING- COIMBATORE	2019-20	II
11	IBM Cloud Services, Technologies and Applications	6	Bharat Institute of Engineering and Technology (BIET)	2019-20	II
12	Internet of Things	2 weeks	Vikas College of Engineering and Technology -Vijayawada	2019-20	II
13	It Industry Real-Time Tools	5	Bharat Institute of Engineering and Technology (BIET)	2019-20	II
14	Machine Learning	5	J. B. Institute of Engineering and Technology	2019-20	II
15	Machine Learning with Web Development	5	G. Narayanamma Institute of Technology and Science	2019-20	II
16	Role of Machine Learning & Data Sciences in AI	5	Mahatma Gandhi Institute of Technology - Hyderabad	2019-20	II
17	PHP and MySQL	1 Week	JNTU college of Engineering JAGTYAL	2019-20	II
18	PHP and MySQL	5	Sridevi Women's Engineering College, Hyderabad	2019-20	II
19	Python 3.4.3 and Python Django	1 Week	CMR Engineering College	2019-20	II
20	R Programming	1 Week	Sridevi Women's Engineering College, Hyderabad	2019-20	II
21	FDP on Recent trends in Data Science and Information Security	5	DYPATIL University. Ramrao Adik Institute of Technology-Maharashtra	2019-20	II
22	RUBY and PERL Programming	1 Week	St. Peter's Engineering College, Hyderabad	2019-20	II
23	Smart Applications Development Using IOT - AURDINO	3	Vaageswari College of Engineering, Karimnagar	2019-20	II

24	Network Simulations Using NS-3 - A Research Perspective	1	Sri Venkateshwara College of Engineering, Bengaluru	2019-20	II
25	Free and Open Source Alternative for Web Conferencing and Teaching Learning	2	Mahatma Gandhi Institute of Technology - Hyderabad	2019-20	II
26	Biomedical Imaging	2	Keshav Memorial Institute of Technology	2019-20	II
27	Hadoop and Bigdata Analytics	2	Malla Reddy Institute of Technology and Science	2019-20	II
28	Essentials of Python Programming	3	Vnr Vignana Jyothi Institute Of Engineering and Technology	2019-20	II
29	Dart Programming Language	1	Sir C Reddy College of Engineering, Eluru.	2019-20	II
30	FDP on Mathematical Modeling And Numerical Techniques	5	Kakatiya Institute of Technology and Science. Warangal	2019-20	II
31	Design Thinking Workshop	2	Aaditya Institute of Technology and Management	2019-20	II
32	Optimization Techniques Through Machine Learning For IOT	1 Week	Malla Reddy Engineering College for Women	2019-20	II
33	Machine Learning using Python on Google Colab	2	ACM Hyderabad Deccan Chapter	2019-20	II
34	Internet of Things & Cloud Interface	5	Pantech e Learning	2019-20	II
35	Cloud Computing with Microsoft Azure	1 Week	TATA Consultancy Services	2019-20	II
36	Azure Serverless Computing	5	Mahatma Gandhi Institute of Technology - Hyderabad	2019-20	II
37	Data Science	2Weeks	Malla Reddy Engineering College for Women	2019-20	II

**13. ANY OTHER CONTRIBUTION:** Certified NPTEL Translator

**14. DevOps** Course completed for Continuous Integration and Continuous Development

Date:6-11-2020

(Srinivas Mekala)