



# Dr.K.V. SUBBA REDDY INSTITUTE OF TECHNOLOGY

Dupadu Village, NH-44, Lakshmipuram (Post), Kurnool, AP-518218.

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu, ISO 9001:2008 Certified Institution)

[www.drkvsrit.in](http://www.drkvsrit.in)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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DEPT. OF COMPUTER SCIENCE & ENGINEERING

## FACULTY PROFILE

**Faculty Name:** Dr. K.V.UMA MAHESWARI

**Faculty Photo:**



**Faculty Description:**

Dr.K.V UMA MAHESWARI is the Asst.Prof in CSE Department at Dr.K.V.Subba Reddy Institute of Technology, Kurnool.

### **Profile Tab:**

**Qualification**

Qualification	Institution	Year
Bachelor's degree	Govt Arts and Science College, S.V. University	1996
Master's degree	Indira Gandhi National Open University, New Delhi, Master of Computer Applications	2003
Master's degree	M.Tech ,JNTUA University	2021
Ph.D.	MJPRU University,Bareli,U.P	2012



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#### Experience

Designation	Institution	From	To
Assoc Professor	Dr. K.V. Subba Reddy Institute of Technology	2012	2022
Assistant Professor & Head	Dr. K.V. Subba Reddy Institute of MCA	2008	2012
Assistant Professor	Dr. K.V. Subba Reddy Institute of MCA	2007	2008
Lecturer	K.V.R Govt Degree College	2003	2007

#### Awards / Achievement

Received Google Educator certificate from Google Developers.

#### Responsibilities Tab:

##### Responsibilities

- Head, Department of MCA at Dr. K.V. Subba Reddy Institute of MCA
- Worked in 7th Criteria for NAAC in Dr. K.V. Subba Reddy Institute of Technology.

Working as a faculty

- The following responsibilities are carried out as a faculty
  - Teaching regular Course Work
  - Mentoring the Student
  - Continues research
-



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### Teaching Tab:

#### Expertise / list of subjects handled

- Operating Systems
- Database Management Systems
- Data Communication
- Computer Networks
- Computer Architecture and Organization
- UNIX Shell Programming
- Problem Solving with 'C'
- OOP with C++
- Web Technologies
- Management Science
- Enterprise Resource Planning.
- Cloud Computing
- Software Engineering
- Management Information Systems
- Artificial Intelligence
- Object Oriented Analysis & Design
- Python programming and Data Science

### Research Tab:

#### Research Interest

- Cloud computing
  - Security Issues in Cloud computing
-



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### Research projects (current)

- Blade Server Technology
- Clustering in cloud computing
- Machine Learning

### Patent

Application No. 202241059490A

Title of the Invention: A SECURE BLOCK-CHAIN BASED MEDICAL INTERNET OF THE THINGS(MIOT) FOR HEALTHCARE DATA MANAGEMENT.

### Conferences

- International Conference on Recent Challenges in Science, Engineering and Technology paper titled Effective Resource Management in Cloud based Service Models

### Publications tab:

#### JOURNALS

- Scopus Journal on Effective Resource Management in Cloud based Service Models.
- A Market Equilibrium Approach in Price Based Resource Allocation for Edge computing.
- International journal of Advances in Science and Technology Develop Advanced Routing Algorithms in MANETS using with Topology.
- International Transactions on Electrical Electronics and Communication Engineering Comparison study on several cloud computing Platforms.
- International Journal on Scientific Research in Computer Science, Engineering and Information Technology on Attribute -Based Privacy-Preserving Data Sharing for Dynamic Groups Cloud Computing



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### **ACCREDITED BY NBA**

- International Journal on Scientific Research in Computer Science, Engineering and Information Technology on Secure Sharing of Data for Dynamic Group in Cloud Storage Application

### **FACULTY DEVELOPMENT PROGRAMS & WORKSHOPS**

- Workshop on challenges in Data Science curriculum development organized by Rayalaseema University
- Two week National level workshop on curriculum Development and Evaluation sponsored by AICTE
- Six Days FDP on Introspection & Gearing up for New Age Teaching Delivery Conducted from 28th may 2020 to 2nd june 2020 by KVSrit, Kurnool.
- Three Days National Level Workshop on Outcome Based Education held from 28th to 30th May 2020 organized by St.Joseph's Degree College, Kurnool.
- Certificate of Appreciation for participation of Online quiz on THE ART OF QUESTIONING ON REVISED BLOOM'S TAXONOMY, BY B.V. RAJU INSTITUTE OF ECHNOLOGY, Vishnupur, Medak Dist.
- Attended the National Webinar on ACHIEVING EXCELLENCE IN HIGHER EDUCATION IN INDIA IN THE 21ST CENTURY : CHALLENGES AND OPPORTUNITIES Organized by SCHOOL OF BUSINESS STUDIES & IQAC, Sharada University on 3rd June 2020.
- Two days FDP on Recent Trends in Artificial Intelligence on 25th and 26th August 2022 Organized by Chaitanya (Deemed to be University), Hanumakonda.
- FDP on Recent Trends in Computer Science organized by Department of Emerging Technologies in Computer Science(ECS) held from 20th to 24th December 2022.
- Five Week Faculty Development FAMILIARIZATION SESSIONS ON FILING IP IN REAL TIME with a consolidated score of 97% organized by MohanBabu University.
- Certificate of Appreciation for participating in the Online Bootcamp - Basics of Android App Development with Kotlin during 11th June 2022 - 16th June 2022 conducted by L4G & Google Developer Team.