UMMADI SATHISH KUMAR

Department of Computer Science & Engineering
AcaharyaNagarjuna University, Nagarjuna Nagar - 522510Guntur, Andhra Pradhesh, INDIA

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OBJECTIVE:

Seeking a challenging position, utilizing my abilities developed through my education with an opportunity for career growth, where I can learn as well as contribute to the growth of the organization.

EDUCATIONAL QUALIFICATIONS:

Ph.D*   Data mining(CSE)
            ANU, Guntur
            * Pursuing Doctor of Philosophy

M.Tech.   Computer Science & Engineering, Narasaraopeta
            Engineering College,Narasaraopet.
            JNTUK, Kakinada, Andhra Pradesh, 2010

B.Tech.   Computer Science & Engineering
            JNTUA, Ananthapur,
            Andhra Pradesh, 2006

DCME   Diploma in Computer Engineering,
            Dr.BRAGMRPolytechnic College,
            Rajahmundry, Andhra Pradesh, 1996

EXPERIENCE

- **Total Years of Experience**   : 9 Years
- **Names of the College**   : Acharya Nagarjuna University*

Tirumala Engineering College, Narasaraopet.
Narasaraopeta Engineering College, Narasaraopet.

[1]

Designation : Assistant Professor

Subjects handled

      For U.G : Data base management system

Oop through Java

Unix and Shell programming

Operating System

Human Computer Interaction

Data Mining & Data warehousing

Network Management Systems.

C Programming & Numerical methods.

Oop and Os

Unix Programming

Advanced Java Programming

Object Oriented Analysis & Design

Advanced Computer Architecture

Cloud Computing

Languages, Machines and Computations

Compiler Design

Python Programming

      For P.G : Advanced Computer Architecture

Data base management system

Data Engineering

Fuzzy Logic and Neuro Fuzzy Systems

Labs Handled : C Programming Lab

CPP Lab

Unix Programming Lab

Oop through Java Lab

Unix and Shell Programming Lab

Advanced Java Programming Lab

Data base Management Systems Lab

Operating Systems Lab.

OOAD Lab

TECHNICAL SKILLS

- **Programming Languages** : C, CPP, Java, Visual Basic

  R Programming
- **Query Languages** : SQL,MYSQL,POSTGRESQL
- **Scripting Languages** : JavaScript
- **Mobile App Development tools**: Android Visual Studio.
- **Operating systems** : Windows, Unix, Linux and Fedora

ACADEMIC DISTINCTIONS

1) Got 4th Rank in ANURCET, conducted by ANU for Ph.D admission in 2013.
2) UGC NET LECTURESHIP qualified in June 2012 conducted by UGC New Delhi.
3) Topper in M.Tech. From Dept. of CSE, NEC, Narasaraopet.

PUBLICATIONS

- **Journals:**
  - ❖ International Journals :12
- **Conferences:**
  - ❖ International Conferences :02
  - ❖ National Conferences :03

❖ INTERNATIONAL JOURNALS:

1. "Dimension Reduction using orthogonal local preserving projection in big data" in International journal of intelligent systems and applications Volume 11 Number 6 Jun 2019 **SSN:** 2074-904X (Print), **ISSN:** 2074-9058 (Online).

2. "Provably Secure Quantum Key Distribution Protocols in 802.11 Wireless Networks" on International Journal of Computer Science and Information Technologies(IJCSIT), Vol. 2 (6) , 2011, 2811-2815, ISSN:0975-9646 in year of 2011.

3. "Quantum Cryptography with Key Distribution in Wireless Networks on Privacy Amplification" onInternational Journal of Computer Networks and Wireless Communications (IJCNWC), Vol. 1, No. 1, December 2011.

4. " AN OVERVIEW OF ISSUES & CHALLENGES IN CLOUD COMPUTING " on International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) ISSN: 0976-1353 Volume 11 Issue 4 –NOVEMBER 2014.

5. "Paddy Disease Identification System Using Image Processing " on IJSART - Volume 2 Issue 8 –AUGUST 2016ISSN [ONLINE]: 2395-1052

6. "Global Navigation Satellite System With Refloctometry" onInternational Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) ISSN: 0976-1353 Volume 11 Issue 4 –NOVEMBER 2014.

7. "Dimensionality Reduction for Big Data using Fuzzy- C means Technique. "International Journal of Innovations in Engineering and Technology(IJIET)) ISSN 2319-1058

8. "Security Issues in Cloud Computing", International Journal for Modern Trends in Science and Technology, ISSN: 2455-3778

9. CLASSIFICATION OF BENIGN AND MALIGNANT BREAST TUMORS IN DIGITAL MAMMOGRAMS USING DIFFERENT WAVELET TRANSFORMS", International Journal of Science & Engineering Development Research (www.ijsdr.org), ISSN:2455-2631, Vol.2, Issue 7, page no.293 - 296, July-2017

10. "ANALYSIS OF DIGITAL IMAGE FORGERY DETECTION USING ADAPTIVE OVER-SEGMENTATION BASED ON FEATURE". INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY (IRJET) ISSN: 2395- 0072 ,2017

11. "A NOVEL BLIND SR METHOD TO IMPROVE THE SPATIAL RESOLUTION OF REAL LIFE VIDEO SEQUENCES" INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY (IRJET) ISSN:2395- 0072,2017

12. "Supervised Machine learning algorithms for stock market prediction."International Journal of Innovative Research in Technology (IJIRT) ISSN: 2349-6002, May -2019

13. "Overview of Dimensionality Reduction Techniques", International Journal of Emerging Technology and Innovative Research(JETIR),ISSN:2349-5162,Feb-2019

❖ INTERNATIONALCONFERENCES:

1. Presented paper"**Reducing Denial-of-service attacks using location hiding technique"** International Conference on Artificial Intelligence and soft computing(ICAISC-2011) at Bhubaneswar on 9th and 10th April 2011.

2. Attended the International Conference on Navigational Systems & Signal Processing Applications 2013 on 13th, 14th December 2013 , Organized by University College of Engineering & Technology, Acharya Nagarjuna University.

❖ NATIONAL CONFERENCES

1. Presented paperentitled "**Innovative technique for improving query performance for high dimensional database"**on National Conference on Emerging Trends in Engineering , Technology and applied Sciences at MVR College of Engineering and Technology Vijayawada on 12th and 13th March 2010.

2. Presented paper entitled "**Multiparty secure communication by using quantum key distribution protocols"** in   National Conference Communications, Networking and mobile computing (NCCNMC-2012) at JNTUA College of Engineering, Pulivendula on 20th and 21stJanuary 2012.

3. Attended a UGC sponsored national conference on **Internet of Things** on 3-4th March 2016, Organized by University College of Engineering & Technology, Acharya Nagarjuna University.

WORK SHOPS ATTENDED/PRESENTED

1. Attended a 2 day Workshop on "Engineering Trends in Computer Engineering" Organized by Department of CSE, Narasaraopeta Engineering College, Narasaraopeta on 27th and 28th September 2008.

2. Attended a 1 day Workshop on "Applications of Mathematics in Engineering and science" Organized by Department of CSE, Narasaraopeta Engineering College, Narasaraopeta on 21st February 2009.

3. Attended a Two-Day National level Faculty development program on "Recent Advances in Modeling Language and Network programming" Organized by Department of CSE, Narasaraopeta Engineering College, Narasaraopeta on 3rd and 4th December 2010.

4. Participated a One-Day Hands on   program on "Best Practices in IT project management for FP project implementation" Organized by Department of CSE, MalineneniLakshmaiah Engineering College, Guntur on 23rd April 2010.

5. Attended a Two-Day National level Faculty development program on "Personal and Professional Excellence Vis-à-Vis Language and Literaturre " Organized by Department of Applied Sciences and Humanities, Tirumala Engineering College, Narasaraopeta on 3rd and 4th June 2011.

6. Attended a 3 day hands-on training program on Digital Image Processing & Pattern Recognition Using Matlab Organized by Department of CSE, Siddhartha Engineering College, Vijayawada on July $4^{th} – 6^{th}$ 2013.

7. Attended a Workshop on E-Content Development organized by Acharya Nagarjuna University on 14th& 15th February 2014.

8. Attended a 5-Day Workshop on Business Intelligence & Information Security Organized by Department of IT, Siddhartha Engineering College, Vijayawada on July 22nd-26th 2014.

9. Attended a Workshop on Big Data Analytics on 20th Oct 2014 organized by Department of Statistics, Acharya Nagarjuna University.

10. Attended a Workshop on Big Data Analytics on $9^{th} – 10^{th}$ Dec 2014 organized by Department of CSE, ANUCET, Acharya Nagarjuna University.

11. Attended a National Workshop on Applications of Mathematics in computer science 20th -21st Feb 2015.

12. Attended a 5-Day workshop on Intelligence and Information security ,22-26th July 2014,Teqip-II S.C.1.2, VR Siddhartha, Vijayawada.

13. Attended a One day workshop on Establishment of smart campuses, organized by Dept. of Higher education, Govt. of AP in association with ANU, at ANU on 29-04-2015.

14. Attended a 21-day training program on geo spatial technologies under NRDMS program, University College of engineering & technology, AcharyNagarjuna University, Guntur on Oct 2015.

15. Attended One day workshop on "SCOPUS-Research management and publishing tool" by Mr. Vijay Reddy, South Asia Consultant, Elsevier on 13-6-2016 at ANU

16. Attended 3 day training program on Hands on Evolutionary Algorithms using MATLAB Organized by PVP Siddhartha Institute of Technology, Vijayawada from 10-9-2015 to 12-9-2015

17. Attended a Two-Day National Seminar on "Recent Advances in Modeling Language and Network programming through Engineering Advancements(MIMEA)" Organized by Department of Mechanical, R.V.R & J.C College of Engineering, Guntur on 29th and 30th September 2016.

18. Attended 6 day training program on Hands on Internet of things using Ardino programming Organized by Dept. of CSE,ANUCET,ANU from 06-03-2015 to 11-3-2016

19. Attended 6 days training program on Android application development at Effectronics Pvt Ltd. Vijayawada from 20-08-2015 to 27-8-2015.

20. Attended 6 days training programon Data analytics(Phase-1) at HCU, Hyderabad from 07-12-2015 to 12-12-2015 conducted by AP skill Development Center,Hyderabad.

21. Attended 6 days training programon Data analytics(Phase-2) at ANU, Guntur from 27-03-2016 to 03-04-2016 conducted by AP skill Development Center,Hyderabad.

Invited Lectures Delivered:

1) Delivered guest lecture on " Java Programming" to the Electrical and Electronics Engineering students at YSR Engineering College of Yogi Vemana University, Proddatur on 14-02-2014.

2) Delivered guest lecture on " Java Programming" to the Electrical and Electronics Engineering students at YSR Engineering College of Yogi Vemana University, Proddatur on 23-02-2014.

3) Delivered guest lecture on " Database Management Systems" to the Electrical and Electronics Engineering students at YSR Engineering College of Yogi Vemana University, Proddatur on 27-10-2013.

4) Delivered guest lecture on " Unix Architecture" to the Electrical and Electronics Engineering students at YSR Engineering College of Yogi Vemana University, Proddatur on 22-03-2015

5) Delivered guest lecture on " Database Systems" to the Electrical and Electronics Engineering students at YSR Engineering College of Yogi Vemana University, Proddatur on 26-10-2014.

6) Delivered guest lecture on " Linux Programming" to the Electrical and Electronics Engineering students at YSR Engineering College of Yogi Vemana University, Proddatur on 06-02-2016.

7) Delivered guest lecture on " Java Network Programming" to the Electrical and Electronics Engineering students at YSR Engineering College of Yogi Vemana University, Proddatur on 05-09-2016.

ATTENDED-BOS MEETINGS

Attended a **Board of Studies Meeting**, Organized by University College of Engineering and Technology, Acharya Nagarjuna University, on 27th April, 2015.

UNIVERSITY ADMINISTRATION ACTIVITIES

❖ Boys Hostel warden since 2014.
❖ Examination Management System member in CDE,ANU
❖ Library Coordinator for CSE Dept. Library.
❖ Anti-Ragging committee member.

ACTED AS A REVIEWER:

1) **International Journal of Research Trends in Engineering & Technology.(IJRTET)**
   ISSN: Applied
   FREQUENCY: 12 ISSUES PER YEAR
   http://ijrtet.com/reviewers/

PERSONAL PROFILE

Gender   :   Male

Marital status   :   Married

Date of Birth   :   10thMay 1975

Nationality   :   Indian

Language proficiency   :   English, Telugu

Permanent Address   :   H-No: 5-10-9,

                                          Jayanthipet,Perala,

                                          Chirala (M),Pin: 523157

                                          Prakasam (Dt.),

                                          A.P., INDIA.

DECLARATION

I hereby agree that all the above stated information or details are true to the best of my knowledge.

Date:

Place: **(U.SATHISH KUMAR)**