

## **AMRUTASGAR KAVARTHAPU**

Department : Computer Science and Engineering  
College : Gudlavalleru Engineering College  
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### **RESIDENTIAL ADDRESS:**

Ethamukkala, Kothapatnam (M.D), Prakasam (DT), PIN - 523280

**ACADEMIC QUALIFICATIONS:** B. Tech (CSE), M.Tech (CSE).

**ACADEMIC REWARDS / ACHIEVEMENTS:** NIL

### **PROFESSIONAL EXPERIENCE:**

<b>Designation</b>	<b>Institution</b>	<b>Period</b>
Assistant Professor	Gudlavalleru Engineering College	01-08-2012 to Till date

### **PROJECTS GUIDED:**

<b>Ph.D</b>	<b>Post Graduation</b>	<b>Under Graduation</b>
NIL	3	6

### **SPECIALIZATION:**

Computer Networks, Network security.

### **RESEARCH PAPERS / BOOKS:**

**BOOKS PUBLISHED IN PUBLICATIONS:** NIL

**PAPERS PUBLISHED IN JOURNALS:** 5

**Journals:**                      **National:** NIL                      **International:** 5

## **International:**

1. Amrutasagar Kavarthapu et.al “Cyclic Group Key Administration Techniques for Multicasting in VANETs” International Journal of Compute Application (ISSN 0975-8887), Volume 168 – No.13, pp. 11-13, June 2017. (Impact Factor: 0.702)
2. Amrutasagar Kavarthapu et.al “Replication and Forwarding Message based on Misbehaviour Node Detection and Message Dropping in Delay Tolerant Networks” International Journal of Engineering Science and Computing, Volume 6, Issue No.6, pp. 7670-7673.
3. Amrutasagar Kavarthapu et.al “Resolving Cross Domain Firewall Policy Anomalies” International Journal of Compute Application (0975-8887), Volume 124 – No.14, pp.12-16 August 2015. (Impact Factor: 0.715)
4. Amrutasagar Kavarthapu et.al, “Simulation of A Novel Scalable Group Key Management Protocol” on International Journal of Computer Application (0975-8887), 68- No.12, pp.18-22, April 2013. (Impact Factor: 0.821)
5. Amrutasagar Kavarthapu et.al, “A Novel Scalable Group Key Management Protocol” on International Journal of Computer Application (0975-8887), volume 39- No.7, pp.35-38, February 2012. (Impact Factor: 0.814)

## **PAPERS PRESENTED & PUBLISHED IN CONFERENCES: NIL**

## **LIST OF WORKSHOPS ORGANIZED:**

1. Co-ordinator for One Day Workshop on “**Introduction to Python Programming**” for III B.Tech CSE students organized by Department of Computer Science and Engineering in Association with COMITY on 1<sup>st</sup> October 2016.
2. Co-ordinator for Two Day Workshop on “**Internet Of Things (IOT)**” for III & IV B.Tech CSE students organized by Department of Computer Science and Engineering in Association with GEC CSI Student Branch during 23<sup>rd</sup> to 24<sup>th</sup> September 2016.
3. Co Co-ordinator for Two Day workshop on “**Android Applications & 3D Game Development**” for II, III & IV B.Tech students In association with ARK Techno solutions & IIT Bombay during 5<sup>th</sup> to 6<sup>th</sup> December 2014.

4. Co Co-ordinator for Two week ISTE workshop on "**Computer Programming**" for faculty conducted by Indian Institute of Technology, Bombay during 16<sup>th</sup> to 21<sup>st</sup> June 2014.
5. Co Co-ordinator for Two week ISTE workshop on "**Database Management Systems**" for faculty conducted by Indian Institute of Technology, Bombay during 21<sup>st</sup> to 31<sup>st</sup> May 2013.

#### **LIST OF WORKSHOPS /CONFERENCES /SEMINARS ATTENDED:**

1. Attended One-Week Faculty Development Program on "**Machine Learning and Deep Learning**" organized by the Department of Computer Science and Engineering & Information Technology, Gudlavalleru Engineering College, Gudlavalleru during 1<sup>st</sup> May to 7<sup>th</sup> May 2019.
2. Attended One Day Workshop on "**Internet Architecture and its Recent Trends**" organized by the Department of Computer Science and Engineering, Gudlavalleru Engineering College, Gudlavalleru on 27<sup>th</sup> December 2017.
3. Attended Two Day Faculty Development Programme on "**Soft Computing Techniques**" organized by the Department of Computer Science and Engineering, Gudlavalleru Engineering College, Gudlavalleru during 21<sup>st</sup> to 22<sup>nd</sup> June 2017.
4. Attended One-Week Faculty Development Program on "**Big Data Analytics**" organized by the Department of Computer Science and Engineering, Gudlavalleru Engineering College, Gudlavalleru during 14<sup>th</sup> to 19<sup>th</sup> November 2016.
5. Attended Two day Workshop on "**Windows Azure**" organized by the Department of Computer Science and Engineering, Gudlavalleru Engineering College, Gudlavalleru during 21<sup>st</sup> to 22<sup>nd</sup> March 2016.
6. Attended Three days Faculty Development Program on "**Big Data Analytics**" organized by the Department of Information Technology, Gudlavalleru Engineering College, Gudlavalleru during 25<sup>th</sup> to 27<sup>th</sup> February 2016.
7. Attended Two day Workshop on "**Internet of Things**" organized by the Department of Computer Science and Engineering, Gudlavalleru Engineering College, Gudlavalleru during 27<sup>th</sup> to 28<sup>th</sup> November 2015.

8. Attended Two day Workshop on “**Research Challenges and Issues in Big Data and Hadoop Framework**” organized by the Department of Information Technology, Gudlavalleru Engineering College, Gudlavalleru during 12<sup>th</sup> to 13<sup>th</sup> March 2015.
9. Attended Two days workshop on “**Hadoop**” organized by the Department of Computer Science and Engineering, Gudlavalleru Engineering College, during 2<sup>nd</sup> to 3<sup>rd</sup> January 2015.
10. Attended in Two-Week ISTE Workshop on “**Computer Networking**” at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay during 28<sup>th</sup> May to 5<sup>th</sup> July 2014.
11. Attended in One-Week ISTE Workshop on “**Computer Programming**” at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay during 20<sup>th</sup> May to 21<sup>st</sup> June 2014.
12. Attended One-Week workshop on “**Training Teachers for Excellence**” by **Dr.B.G.Barki** (Former Director NITTR, Chennai) at Gudlavalleru Engineering College during 17<sup>th</sup> to 23<sup>rd</sup> June 2013.
13. Attended in Two-Week ISTE Workshop on “**Database Management Systems**” at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay under National Mission on Education through ICT (MHRD) during 21<sup>st</sup> to 31<sup>st</sup> May 2013.

## **CERTIFICATIONS:**

1. CS 2019 - Computer Organization and Architecture A Pedagogical Aspect: a online NPTEL course has successfully completed with 72%.
2. CS 2018 - Problem Solving through Programming in C : a online NPTEL course has successfully completed with 80%.
3. CS 2018 - Computer Organization and Architecture A Pedagogical Aspect : a online NPTEL course has successfully completed with 60%.
4. CS 2017 - Introduction to Programming in C : a online NPTEL course has successfully completed with 79%.
5. CS 2017 - Programming, data structures and algorithms using python : a online NPTEL course has successfully completed with 74%.

6. CS101.1x - Programming Basics : a course of study offered by IITBombayX, an online learning initiative of Indian Institute of Technology Bombay, has successfully completed with A Grade during 21<sup>st</sup> February 2017 to 12<sup>th</sup> December 2017.
7. CS101.2x - Object-Oriented Programming : a course of study offered by IITBombayX, an online learning initiative of Indian Institute of Technology Bombay, has successfully completed with B Grade during 21<sup>st</sup> February 2017 to 12<sup>th</sup> December 2017.
8. CS213.3x - Algorithms : a course of study offered by IITBombayX, an online learning initiative of Indian Institute of Technology Bombay, has successfully completed with B Grade during 13<sup>th</sup> September 2016 to 04<sup>th</sup> November 2016.
9. CS213.2x - Implementation of Data Structures : a course of study offered by IITBombayX, an online learning initiative of Indian Institute of Technology Bombay, has successfully completed with A+ Grade during 12<sup>th</sup> July 2016 to 09<sup>th</sup> September 2016.
10. CS213.1x - Foundation of Data Structures : a course of study offered by IITBombayX, an online learning initiative of Indian Institute of Technology Bombay, has successfully completed during 05<sup>th</sup> April 2016 to 03<sup>rd</sup> June 2016.

**INDUSTRIAL TRAINING: NIL**

**GUEST LECTURES DELIVERED: NIL**

**MEMBERSHIP IN PROFESSIONAL BODIES:**

- Member of Computer Society of India (CSI) (01204687)

**CONSULTANCY ACTIVITIES: NIL**

**GRANTS FETCHED:**

1. CSI project proposal titled **“Development of a Technique to Control Insect Pest and Manage Diseases in Groundnut Crop based on Temperature and Climate”** received from **“Amrutasagar Kavarthapu”** of CSE Department is approved for funding under the CSI minor research grant. CSI has approved an amount **Rs.30,000/-** (Rupees Thirty thousand only) for this R&D Project with Sanction **Order No.1-15/2015-05**, dated: **24.03.2015** of CSI Education Directorate.