

Dr.Ch.SURESH BABU

Department : Computer Science and Engineering
College : Gudlavalleru Engineering College
Phone No : 08674 273737
Mobile : +91 9676021214
E-Mail : sureshdani2004@gmail.com

RESIDENTIAL ADDRESS:

Flat No:10-267-B-g2, JK Towers, Lingavaram Road, Gudivada-521301

ACADEMIC QUALIFICATIONS: B. Tech (CSE), M.Tech,Ph.D

ACADEMIC REWARDS / ACHIEVEMENTS:

- ❖ Reviewer for Elsevier journal remote sensing environment
- ❖ Reviewer for journal of internet technology
- ❖ Reviewer for national marine fisheries services ,USA
- ❖ UGC-NET qualified .
- ❖ GATE-2012 Qualified.
- ❖ Faculty advisor for first year students, Gudlavalleru Engineering College in the academic year 2014-2015.
- ❖ Faculty advisor for STEP Student Chapter, Gudlavalleru Engineering College in the academic years from 2011 to 2015.
- ❖ Coordinator for “ Computer Networking”
- ❖ Student counselor for 1st Year B.tech (CSE- A,B&C Sec).
- ❖ In-charge of MOBILE COMPUTING LAB
- ❖ In-charge of “discipline commity”
- ❖ In-charge of NBA Work (Criteria V &VI).
- ❖ In-charge of NAAC Work (Criteria III).
- ❖ Co-ordinator for GATE Coaching
- ❖ Member of purchase committee \
- ❖ Member of Anti-Ragging.

PROFESSIONAL EXPERIENCE:

Designation	Institution	Period
Assoc.Professor	Gudlavalleru Engineering College	1-7-2012 to till date
Asst.Professor	Gudlavalleru Engineering College	11-06-2008 to 30-6-2012
Asst.Professor	P.V.P S.I.T, Vijayawada	2.6 Years

PROJECTS GUIDED:

PhD	Post Graduation	Under Graduation
NIL	12	18

SPECIALIZATION:

Wireless Networks, Mobile Computing, Agriculture and Aquaculture Technologies , Data Mining, Big Data, Machine Learning ,human computer interaction

RESEARCH PAPERS/BOOKS:

BOOKS PUBLISHED: NIL

PAPERS PUBLISHED IN JOURNALS: 12

1. Optimized Routing Protocols For Heterogeneous Multi-Hop Wireless Networks, International Journal of Scientific Engineering and Technology Research Volume 5, Issue 18,Page no: 3671-3674, ISSN: 2319-8885 July, 2016
2. Anomaly –based intrusion detection and hop by hop message authentication in wsn ,international journal of research in computer science &engineering ,Vol -6,issue-1,jan-feb 2016
3. A novel security based data transmission protocol for cluster based wireless sensor networking ,international journal of computers & organization trends ,Vol 28,number 1-jan 2016
4. Data compression over wireless sensor networks using EAAK,IJRST,VOL 1,ISSUE 2,feb 15 ,Pg no 13-18,issn:2350-4760
5. Efficient roughset based rule induction algorithms on uncertain data,IJRCSE,Vol No:5,issue 2,Mar-April 2015 pgno 2505-2509 issn:2321-585
6. Efficient Design and Deployment of Aqua Monitoring Systems Using WSNs and Correlation Analysis, INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL ISSN 1841-9836, 10(3):297-305, June, 2015.
7. Design and Deployment of Aqua Monitoring System Using Wireless Sensor Networks and IAR-Kick ,J Aqua Res Development Volume 5, Issue 7, ISSN: 2155-9546 JARD.
8. An Improved Local Broadcast Transmission Reduction Technique in Wireless Networks, Published in IJCOT. Vol. 3. Issue No.11. December 2013

9. "Improved Authentication and Integrity Verification in Wireless Sensor Networks" Published in IJCTT. Vol. 5. Issue No.6. November 2013.
10. "Optimization Protecting Location Privacy and Improving the Lifetime of Wireless Sensor Networks", Published in IJCTT. Vol. 4. Issue No.1. March 2013.
11. "Secure Mobile ADHOC Routing to Protect from Black Hole Attack" Published in IJETED. Vol. 1. Issue No.3. January 2013.
12. "Route Recovery Scheme for Efficient MANET" Published in IJETED. Vol. 1. Issue No.3. January 2013.

PAPERS PRESENTED & PUBLISHED IN CONFERENCES: 03

1. "**Clustering Soil Temperature Using Wireless Sensors.**" Selected for **International Conference on Educational Technology 2011.**
2. "Novel defense Tactics and jamming attacks in wireless sensor networks" Selected for **International Conference on Educational Technology 2011**
3. "Resource allocation for wireless multicast in efficient way" Selected for **International Conference on Educational Technology 2011**

LIST OF WORKSHOPS ORGANIZED:

- ❖ Organized the two day workshop on **ANDROID MATERIAL DESIGN**
- ❖ Organized the two day workshop on "**NETSIM SIMULATION**"
- ❖ Organized the one day guest lecturer in "**BIG DATA ANALYTICS** "
- ❖ Organized one day guest lecturer in "**PATTERN CLASSIFICATION** "
- ❖ Organized One-Week ISTE Workshop on "**COMPUTER NETWORKING**" at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay during 30th June to 5th July 2014.
- ❖ Organized Workshop on "**OPEN SOURCE SOFTWARE**" in association with SWECHA at Gudlavalleru Engineering College during 25th July 2012.

LIST OF WORKSHOPS /CONFERENCES /SEMINARS ATTENDED:

- ❖ Attended in Ten-days Faculty Development Program on "**pervasive and mobile computing**" at NIT, WARANGAL during 24-11 – 15 to 23-12-15 .
- ❖ Attended in One-Week ISTE Workshop on "**Introduction to design of algorithms** " at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay during 16th to 21st June 2014.
- ❖ Attended in Two-day Faculty Development Program on "**Big data & Hadoop Technologies**" at Gudlavalleru Engineering College during 12th – 13th March 2015.
- ❖ Attended in One-Week ISTE Workshop on "**Big data and Cloud Computing**" at JNTUK UCE, Vizianagaram Conducted by CSE DEPT in Feb. 2015.
- ❖ Attended in One-Week ISTE Workshop on "**Big data and Cloud Computing**" at A.N.U, GUNTUR Conducted by CSE DEPT in Dec. 2014.

- ❖ Attended in Two-Week ISTE Workshop on “**Cyber Security**” at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay during 10th to 20th July 2014.
- ❖ Attended in One-Week ISTE Workshop on “**Computer Networking**” at IIT-BOMBAY, during 5th to 16th May 2014.
- ❖ Attended in One-Week ISTE Workshop on “**Computer Programming**” at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay during 16th to 21st June 2014.
- ❖ Attended One-Week workshop on “**Training Teachers for Excellence**” by **Dr.B.G.Barki** (Former Director NITTR, Chennai) at Gudlavalleru Engineering College during 17th June 2013- 21st June 2013.
- ❖ Attend the 15 days course on “ **INTELLCTUAL PROPERTY RIGHTS**” in JNTUK, Kakinada from may 1st to May 15th 2013
- ❖ Attend the 15 days course on “**RESEARCH METHODOLOGIES**” in JNTUK,Kakinada from may 1st to May 15th 2013
- ❖ 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 21st to 31st May 2013.
- ❖ Attended in Two-day ISTE Workshop on “**Aakash for Education**” at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay during 10th & 11th November 2012.
- ❖ Attended in One-day AICTE National Seminar on “**Artificial Intelligence Applications in Image Processing**” at Gudlavalleru Engineering College during 29th August 2012.
- ❖ Attended in Two-day Faculty Development Program “**Recent Developments in Cloud Computing**” at Gudlavalleru Engineering College during 17th & 18th August 2012.
- ❖ Attended in One-day “**Software Testing & Testing Tools**” in association with SWECHA at Gudlavalleru Engineering College during 26th July 2012.
- ❖ Attended in Two-day Workshop on “**Database Design & Design Tools**” in association with CSI and COIGN&IT Services Pvt.Ltd at Gudlavalleru Engineering College during 11th & 12th July 2012.
- ❖ Attended in Two-day “**Ethical Hacking & Information Security**” in association with Entrepreneurship Cell, IIT Kharagpur and Virscent Technologies Pvt.Ltd at Gudlavalleru Engineering College during 22nd-23rd June 2012.
- ❖ Attended in One month course on “ **computational computing and java**” at IIIT-HYDERABAD , Conducted by STEP MAY 1st to 30 th 2012 .
- ❖ Attended in four-day faculty development program on “**Refresher Course: FLAT & DAA subjects**” conducted at Gudlavalleru Engineering College, Gudlavalleru during 23-26 Nov-2011.
- ❖ Attended in Two-day faculty development program on “**MODELING AND TEXTURE MAPPING**” using **MAYA** conducted at Gudlavalleru Engineering College,

Gudlavalleru during 3rd and 4th Dec-2010.

- ❖ Attended in the workshop on **MOBILE COMPUTING** conducted at Gudlavalleru Engineering College, Gudlavalleru on 29-30 Oct 2010.
- ❖ Participated to the **ISO&NBA** workshops in vijayawada.
- ❖ Participated to the short course on “*Teaching Methodologies*”, by V.R.SIDDHARTHA Engineering college, vijyawada

CERTIFICATIONS:

- ❖ **Big-Data** Fundamentals certified by IBM

MEMBERSHIP IN PROFESSIONAL BODIES:

- ❖ Member Institute of Elect. & Electronics Engineers (**IEEE**)

GRANTS FETCHED:

- ❖ Received **UGC- the Minor Research project** on “Precision Aqua Monitoring System Using Wireless Sensor Networks”