

## FACULTY PROFILE



Name of the faculty: BALAJI TEDLA

Department : INFORMATION TECHNOLOGY

College : SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE (A)

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### RESIDENTIAL ADDRESS:

BALAJI TEDLA  
S/o, T.Rama subba rao  
Machilipatnam-521001  
Andhra Pradesh

### ACADEMIC QUALIFICATIONS:

- M.Tech in Computer Science from School of IT, JNTU, Hyderabad.
- B.Tech in Computer Science & Engineering from R.V.R. & J.C. College of Engineering, Guntur affiliated to Acharya Nagarjuna University.

### ACADEMIC REWARDS/ ACHIEVEMENTS:

- **As a resource person:**
  - 1) Two week refresher course on “Computer Networks” during 18-31 July 2022.
  - 2) A Four Day FDP on “IT-Essentials Instructor Training Program jointly conducted by Cisco Networking Academy & S.B.T.E.T, A.P, during 12<sup>th</sup> November 2018 to 15<sup>th</sup> November 2018 at Govt. Polytechnic, Vijayawada.
  - 3) One day workshop on “Network routing and switching” on 5<sup>th</sup> August 2017 for IV B.Tech (IT) students.
  - 4) A Two day hands-on FDP on IPv4 & IPv6 during 24-25<sup>th</sup> Nov 2017, organized by dept of IT for CSE, ECE, IT faculty.
- **Guest Lecture:**
  - 1) One day guest lecture on “Data Structures” for 10+2 students organized by St.Francis E.M (ICSE) High School, Machilipatnam on 18-08-2022.

### PROFESSIONAL EXPERIENCE:

- Worked as Assistant Professor at Dept. of CSE in Vasavi College of Engineering (A), Hyderabad from 8<sup>th</sup> April 2009 to 3<sup>rd</sup> June 2017.

**PROJECTS GUIDED:**

Ph.D.	Post-Graduation	Under Graduation
NIL	NIL	9

**SPECIALIZATION:** Computer Networks, Software Engineering, Cisco Networking Academy Program.

**BOOKS PUBLISHED IN PUBLICATIONS:** NIL

**PAPERS PUBLISHED IN JOURNALS:** 04

- 1) “Representative based method of categorical data clustering”, paper published at International Journal of Advanced Engineering Sciences and Technologies (IJAEST) Vol No. 2, Issue No. 2, 151 – 155.
- 2) “Security providing using blowfish, RSA and SHA-512 algorithms, paper published at International Journal of computer science and Technology (IJCST), vol- 3, Issue-3 July-sept-2012.
- 3) “A combat approach to overcome attacks in different layers of wireless sensor networks” paper published at International journal of advanced research in computer science, Vol No.5, special issue 2, pg.14.
- 4) “Multi-Protocol Label Switching traffic engineering-link protection” paper published at International journal of computer science and information technologies, Vol.No.7, special issue 4, pg no.1711-1714.

**PAPERS PUBLISHED IN CONFERENCES:****International:**

- 1) “Smart cities: Water management with IoT and Cloud” paper presented at First International Conference on Computational and Intelligent Techniques for Automation of Engineering Systems (CITAES-2018) at Gudlavalleru Engineering College (A), during 30<sup>th</sup> November- 1<sup>st</sup> December 2018.

**National:**

- 1) “Alleviation of data attacks in cloud computing using offensive decoy technology”, paper presented at 6th national conference on emerging & innovative trends in computer science (NCEITCS-2017) at Vasavi College of Engineering, Hyderabad. Paper published in International Journal of Engineering Trends and Technology (IJETT) – Special Issue – April 2017

## **PATENTS APPLIED/GRANTED: 01**

### **LIST OF WORKSHOPS ORGANIZED:**

- Organized “Women Rock IT” in association with Cisco Networking Academy at Gudlavalleru Engineering College on 25<sup>th</sup> November 2018. A total of 330 girl students were participated.
- Conducted “India’s Biggest Networking Champion ship” (IBNC-2014) at Vasavi College of Engineering during 27<sup>th</sup>, 28<sup>th</sup> Sep 2014 as a Zonal center, in association with ACES-ACM-IIT-Delhi.
- Two Day National level workshop on “Advances in information security” during 2<sup>nd</sup>, 3<sup>rd</sup>, Aug 2013 under TEQIP-II.

### **LIST OF WORKSHOPS/CONFERENCES/ TRAINING PROGRAMS ATTENDED:**

- 1) Attended two day workshop on “Network Simulation with NetSim Software” organized by Dept. of ECE, S.R.Gudlavalleru Engineering College from 13-14 October 2022.
- 2) Attended Cisco-Instructor Professional Development (IPD) weeks during 7-11 May 2018 and 25<sup>th</sup> Feb 19 to 1<sup>st</sup> March 2019.
- 3) A Six Day FDP on “Internet of Things (IoT) with IBM Watson” at Gudlavalleru Engineering College, during 26<sup>th</sup> November 2018 to 1<sup>st</sup> December 2018.
- 4) A Five Day FDP on “ Firewall installation, Configuration and Management” at Andhra Loyola Institute of Engineering and Technology, during 04<sup>th</sup> Jun 2018 to 8<sup>th</sup> Jun 2018.
- 5) Participated Cisco networking academy conference during 2012, 2015, 2017 and 2018.
- 6) A Five Day FDP on “Dell EMC Cloud Infrastructure and Services” at Gudlavalleru Engineering College conducted by ICT Academy during 22<sup>nd</sup> May 2018 to 26<sup>th</sup> May 2018.
- 7) Attended a two days FDP on “Soft Computing Techniques” held at Gudlavalleru Engineering College, Gudlavalleru, during 21-22 june, 2017 organized by dept of CSE.
- 8) Instructor training on CCNA 3 & 4 modules at ASC, Trident Academy of Technology, Bhubaneswar during 20th jun 2016 to 2 nd july 2016.
- 9) Pedagogy for effective use of ICT in engineering education under national mission on education through ICT MHRD GOI, Phase-II during 24-26 july 2014.
- 10) Workshop on Network Simulation at NIT, Bhopal during 19-23 Aug 2013.
- 11) Instructor training on CCNA 1 & 2 modules at Amritha vishwa vidyapeetam, Coimbatore during 10th Dec 2012 to 22nd Dec 2012.

- 12) Workshop on Information Storage and Management hosted at Vasavi College of Engineering under EMC academic alliance program from 27-31 December, 2010.
- 13) Workshop on Computer Networks organized by IUCEE at KIIT University, Bhubaneswar during 12-16 July, 2010.
- 14) Participated in the Staff Development Programme on “Enhancing Professional & Instructional Skill of Young Faculty (EPISYF-2010)” during 11-19 December, 2009 at Vasavi College of Engineering.

**CERTIFICATIONS:**

1. Qualified instructor to teach CCNA (Routing & Switching) and CCNA Cyber security Operations in Cisco Networking Academy.
2. Successfully completed the NPTEL-SWAYAM Online Certification course on “Computer Networks” with 83% in month of November 2019.

**MEMBERSHIP IN PROFESSIONAL BODIES:** Life Member - Computer Society of India

**GRANTS FETCHED:** NIL