A. BALAJI
Arundelpet, 1st Lane
Salipet, Dr. No:6-27-11   Mobile: 9182933543
Guntur- 522002   Mail:adusumallibalaji9246@gmail.com

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Educational Qualifications:

- **Doctor of Philosophy** in Computer Science & Engineering, 2013-2018 from Pondicherry University, Puducherry(Karikal), India.

- **M.Tech** (Computer Science & Engineering) 2009-2011 with Distinction from Bharath University, Chennai.

- **B.Tech** (Information Technology) 2005-2009 with First class from Loyola Institute of Technology & Management Affiliated to JNTUK,Kakinada.

Academic Experience:

- Working as Associate Professor & Head of the Department of Computer Science & Engineering in Guntur Engineering   College ,Guntur, From June'2018 to Till date.

- Worked as Assistant Professor in Computer Science & Engineering Department, Rise Group of Engineering Colleges, Ongole from July'2017 to June 2018.

- Worked as Assistant Professor in Departmen of Computer Science & Engineering , acted as Training and Placement Officer in Malineni Lakshmaiah Women's Engineering College, Guntur from February'2014 to June 2017.

- Worked as Assistant Professor in Lendi Institute of Engineering&Technology College, Visakhapatnam from May'2012 to February 2014

- Worked as a Associate Software Engineer in Media Soft Solutions 2011-2012.

Research Publications:

Sl.No.	Title of the Publication with Page Numbers	Journal Name	Month & Year of Publication	ISSN/ISBN Number	Specify.... SCI/UGC/AICTE/ Scopous (UGC Care List Group-II)
1	A Study of Multimodal Biometric System Recognition using Different Modalities and Fusion Techniques	International Journal of Research Studies in Computer Science and Engineering (IJRSCSE)	15-07-2018	2349-4859	UGC
2	Data Fragmentation and mirroring for performance and security in the cloud	International Journal of Scientific research and review	05-06-2019	2279-543x	UGC
3	Deep Learning approach Image processing ,machine learning techniques for detection of air pollution	International Journal for Innovative Engineering and Management Research	05-05-2020	2456-5083	Elsevier
4	Complementary aspect based opinion mining Across asymetric collections	The international journal of analytical and experimental modal analysis	05-02-2020	0886-9367	UGC
5	Authentication of user identity using Cashma	Journal of information storage& processing systems	02-08-2020	1099-8047	UGC Care
6	Analysis On A Linear Model Based On Principal Component Analysis For Disease Prediction	International Journal of Research	07-01-2022	2236-6124	UGC
7	Public Auditing and Privacy preservation for secure cloud storage using third party auditor	journal of applied science and computations	08-06-2019	1076-5131	UGC

8	A Joint Dynamic Resource Allocation And Load Balancing Schema For wban	International Journal of Research	21-06-2019	2236-6124	UGC
9	Harmonies Aspect Based Option Mining With Granular Computing	The International Journal Of Analytical And Experimental Modal Analysis	14-09-2019	0886-9367	UGC Care
10	Energy efficient using Vitual Force based Geometric routing protocols in MANET'S" International Journal of Emerging Trends in engineering and Development	The International Journal on Emerging Trends in Technology	05-03-2016	2249-6149	UGC
11	A personalized Ontology model for web information gathering", International Journal of Emerging Trends in engineering and Development	The International Journal Of Emerging trends in engineering and development	15-04-2016	2249-6149	UGC
12	Optimal Fine grained latency control in routing protocols	International Journal of Engineering Science &Research	21-04-2016	2277-2685	AICTE
13	Spam Detection Framework in Online Social Media on Network Based	International Journal for Research on Electronics and Computer Science	14-12-2018	2321-5485	AICTE
14	Secure Data Uploading and data integrity checking in public clouds using Id-PUIC Protocol	Universal Review	12-06-2019	2277-2723	Print
15	Modulo of random fields for objects reorganization using network topologies	International Journalof Emerging trendsTechnology InComputerscienc	06-04-2016	2278-6856	UGC

		e			
16	Analysis of bio informatics on gene expression&discovery of medicine	Bulletin of environment,pharmacology&sciences	30-03-2022	2777-1808	Scopous
17	Bayesian-based binary compressionwith bandwidth optimisationfor UAVaerial images	International Journal of Engineering Systems Modelling and Simulation	With in 15days	1755-9766	Scopous
18	Utility based joint power control and resource allocation algorithm for hetrogeneous cloud access network H-CRAN	Wireless communication and mobile computing	With in 20days	1530-8677	Scopous
19	A Novel approach of black hole and sink hole cyber attacks in manet	IEEE Xplore	With in 20days	2473-2001	Scopous

CONFERENCES

International

- Participated in International Conference on Computational Intelligence and Data Engineering(ICCIDE-2017) during 14 &15th July2017,at Lakireddy Bali reddy college of Engineering,Mylavaram,AP,India.

-

 "*Image Segmentation using Markov Random Field Energy Function*" in the UGC Sponsored (ICDIA -2016)" K.B.N. College, Vijayawada, on 2nd and 3rd December 2016.

National

- Presented a paper entitled "*Generation of Optimal Random Fields for Image Segmentation using Fuzzy Binarization Technique*" in Chalapathi Institute of Engineering & Technology, Guntur on February 11-12, 2017.

- Presented a paper entitled "Query optimization using the technique of Progressive parametric" at CMR college of Engineering & Technology, during January 27-28, 2016.

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WORKSHOPS/SEMINARS/FDP

- Participated in one day National Workshop on "***The art of Publishing, Writing Thesis and Project Proposal***" organized by the Central Library jointly with R & D and Academic Staff College, **KL University** on 23rdApril 2016.

- **Participated in Five day National Workshop on "Workshop in Network Simulation Using NS2*" organized by the CSE ,Lendi Institute of Engineering & Technology on 27th Decembet 2013 to 31st December 2013.**

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- **Participated Two week National Workshop on "Database Management system*" organized by IIT-Bombay jointly with ICT(MHRD) on 21st to 31st May 2013.**

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- **Participated in U.G.C Sponsored National Workshop on *"Applications of Mathematics in Computer Science"* from 20-02-2015 to 21-02-2015 at Government College for Women(A), Guntur.**

- **Participated a Two day National Level Workshop on "Research Applications in Digital Image Processing" organized by department of Computer Science & Engineering ,Pulivendula on 14th&15th March 2014.**

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- Participated in the *"Workshop on Research Methodology"* conducted at **BITS Pilani, Hyderabad Campus** during April 03-04, 2015.

- Participated in TEQIP – II S.C.1.2 sponsored *"A Two Day Hands on Training Program on Learning Effective Document Writing Using LaTeX"* organized by Department of Computer Science & Engineering, **V.R. Siddhartha Engineering College, Vijayawada** during 24th -25th January, 2014.

- **Participated in TEQIP – II S.C.1.2 sponsored A Two-day MATLAB workshop on** *"Soft Computing Techniques for Image Analysis"* **V.R. Siddhartha Engineering College, Vijayawada during 18th -19thDecember 2013.**

- **Participated in a Three day hands on training program on** *"Digital Image Processing & Pattern Recognition using MATLAB"* **organized by Department of Computer Science &Engineering, V.R.Siddhartha Engineering College, Vijayawada during 4th – 6th July, 2013 under TEQIP-II.**

- **Participated in a One day Workshop on "Soft Computing and Engineering Optimization using MAT LAB", at VIT University, on 24th April 2015..**

- **Attended a Three day research course on***"Modern Imaging Research: Research Avenues and Challenges"* **during 31st January, 2013 to 2nd February, 2013 under TEQIP-II organized by Department of Information Technology at Aditya Institute of Technology and Management, Tekkali, Andhra Pradesh.**

- **Faculty Coordinator in CSI Annual Student Convention by AU&JNTU-K at Andhra University**

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- Participated in a One day Workshop on "Software Quality & Testing" jointly organized by SPSOFT, IBM Inida Pvt. Ltd., and Osmania University, on 15th September 2012 at Hyderabad.

- **Participated in Five Days Faculty Development Programme on "**R-Programming & Python Django **" from** 26/5/2020-30/5/2020 **at** Universal College&IIT Bombay**, Guntur.**

- **Participated in Five Days Faculty Development Programme on "**Artificial Intelligence and its Applications **" from** 25/5/2020-30/5/2020 **at Sri** Ramachandra College of Engineering**, Chennia.**

- **Participated in Three Days Faculty Development Programme on "**Ethical hacking &Penetration Testing **" from** 28/5/2020-30/52020 **at S**Sri Visvesavaraya Institute&Management.

- **Participated in Five Days Faculty Development Programme on "**Introduction to Computers **" from** 20/5/2020-24/5/2020 **at** Shriram Institute Of Engineering&Technology .

- **Participated in Five Days Faculty Development Programme on "**Advanced Django**" from** 15thMay-19thMay2020 **at Malineni Lakshmaiah women's Engineering college.**

- **Participated in One Day Faculty Development Programme on "**Image Processing using Python(One day FDP)**" from** 12thMay2020 **in association with Pantech**

- **Participated in Five Day Faculty Development Programme on "**Artificial Intelligence and Machine Learning Techniques)**" from** 18/5/2020-22/5/2020 **in association CMR College of Engineering**

- Participated in Two days Workshop on "PYTHON BASICS" jointly organized by Codegnan Inida Pvt. Ltd., and Guntur Engineering college, on 22-24 November 2018

- PATENTS

The Middlewarebrid in IOT for bridging hetroginity between devices connected in network . Indian Patent Journal, Issue-19/2020, dated 08-12-2020, Application number:202041053460

BOOK CHAPTER

Dr.A.Balaji,Dr.Jangala Sasi kiran,M.Praveen kumar Yechuri,Sk.Fayaz, "Programming for Problem Solving" ,INSTA Publishing. ISBN: 978-93-90719-32-7

- **PROFESSIONAL SERVICES**

Convener for Six Days FDP Program on "Machine Learning with Python Programming" organized by Guntur Engineering college in association with APSSDC on October 31st 2018- 8th November 2018

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Convener for Five Days FDP Program on "Introduction to Data Science" organized by Guntur Engineering college in association with Codegnan IT Solutions on 18th -22nd May2020

Convener for A Two Days Workshop on "Python Programming For Image Processing and Computer Vision" organized by Guntur Engineering college on 16th -17th July 2020.

Convener for Five Days FDP Program on "Natural Langauge Processing in Artificial Intelligence" organized by Guntur Engineering college in association with Codegnan IT Solutions on 17th -21st June2020

Convener for A One Day Webinar on "Machine Learning on Health Care" organized by Guntur Engineering college on 23rd June 2020.

Convener for A One Day Webinar on "Career Choice on Civil Services" organized by Guntur Engineering college in Association with Indian Servers and Freshersplane on 06th July 2020.

Acted as Resource Personfor "The Research Methodology and Technical Paper Writing"faculty

development program.

Technical Session Chair forProject Expo's, PPT's, Poster Presentation's conducted in colleges:

• Eswar College of Engineering, Narasaraopet

• Guntur Engineering College, Guntur

• MalineniPerumallu Educational Society, Guntur

• MalineniLakshmaiah Engineering College, Singarayakonda

Registered PhD Guide ship:

Gandhi Institute of Engineering and Technology University,Rayagada.

HONORS & AWARDS

2020   Best professor in Electronics and Communication by IRC

2018   Best Faculty Award in Rise Group of Colleges,Ongole.

2017   Best Mentor Award in Malineni Lakshmaiah Womens Engineering college,Guntur.

2014   Ratified Faculty by the University of JNTUK, Kakinada.

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Administrative Experience

- College website Developing and Maintenance.

Convener for Fest Rhapsodiz2K15 held at MLWEC.

Convener for Fest Gnan2k19 held at Guntur Engineering college.

- In-charge for TCS-ION Exams
- Mentor for CSE Students in Sports
- Organize several workshops and CSI Chapter events in our college.
- Supporting in exam section work.
- Member of Departmental Academic committee
- Training & Placement In-charge for CSE.
- Bus In-charge for 2012-2013.

PROFESSIONAL MEMBERSHIPS

Life Member, International Association of Engineers (LMIAENG).

Personal Information

Father's Name   :   A. Srinivasa Rao

Date of Birth   :   08th June 1988

Sex   :   Male

Marital Status	:	Married
Native Place	:	Guntur, A.P , INDIA
Address	:	Arundelpet 1st
		Lane,Salipet
		Dr.No:6-27-11
		Guntur – 522002

Date:

Palce: (Balaji A)