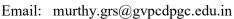Dr. G.R.S.Murthy
Flat No. 402, Sai Leela Residency,
Visalakshi Nagar, Visakhapatnam,
Visakhapatnam Dist. (A.P.)

Email: murthy.grs@gvpcdpgc.edu.in
Mobile: 09052436242

Teaching Statement:

    Commit to impart education with stress on fundamentals and analytical skills. Strive to train the students and orient them to suit the needs of the industry.

Research Statement:

    Focus on areas where new explorations are possible.

PROFESSIONAL EXPERIENCE:	11 Years

- ✓ Working as Professor in Dept. of Computer Science and Engineering of GVPCDPGC (A), Rushikonda, from   Jan 03 ,2022 to till date.
- ✓ Worked as Associate Professor in Dept. of Computer Science and Engineering of GVPCDPGC (A), Rushikonda, from   April 27 ,2021 to Jan 01,2022.
- ✓ Worked as Professor in Dept. of Computer Science and Engineering of AIET, from June 18 ,2018 to April 24,2021.
- ✓ Worked as Professor in Dept. of Computer Science and Engineering of LIET, from March 02 ,2015 to May 30, 2018.
- ✓ Worked as Assoc. Prof. in Dept. of Information and Technology of AITAM, Tekkali from September 5, 2012 to Feb 28, 2015

INDUSTRIAL EXPERIENCE:	17 Years 06 Months

- ✓ Worked as an Aircraft Technician in Indian Air Force, From March 8, 1991 to August 13, 2008.

EDUCATIONAL QUALIFICATIONS

- ✓ Ph.D. in Computer Science   Rajiv Gandhi Technological University, Bhopal   Feb,2012
- ✓ M.Tech (CSE), JNTU-Kakinada, Andhra Pradesh, Sep 2012
- ✓ MCA, IGNOU, New Delhi, Dec 2001
- ✓ B.Tech Degree in Engineering (Mechanical) vide GOI, Ministry of Education and Social Welfare OM No. F-18-19/75/T-2 dt 26 May 1977

Academic Responsibilities:

- ➢ Recognized as Research Guide in Department of Computer Science and Systems Engineering of Andhra University.
- ➢ Two Research Scholars were allotted by AU Trans-Disciplinary Research Hub.

College Responsibilities:

- ➢ Worked as Training & Placement Coordinator from 08 Feb 22 to 12 Feb 23.

SUBJECTS TAUGHT

- ✓ Introduction to Data Science
- ✓ Python Programming
- ✓ Data Structures through C
- ✓ Computer Architecture and Organization
- ✓ Software Testing Methodologies
- ✓ Computer Graphics
- ✓ DS through C++
- ✓ Advanced Data Structures
- ✓ Data Structures
- ✓ Computer Networks
- ✓ C Programming
- ✓ Web Technologies and Advanced Web Technologies.
- ✓ Distributed Systems.

RESEARCH PUBLICATIONS

My total citations are **672** as on 27 April 2023 as per
https://scholar.google.com/citations?user=E7g2pqMAAAAJ&hl=en

H –index: According to Google scholar my current h index is: 6
I 10–index: According to Google scholar my current i-10 index is: 6

- ➢ G.R.S. Murthy and R.S.Jadon. "Effectiveness of Eigenspaces for Facial Expressions Recognition". International Journal of Computer Theory and Engineering, Vol. 1, No. 5, December, 2009.pp 638-642, ISSN- 1793-8201. (This paper was cited by **86** researchers).
- ➢ G.R.S. Murthy and R.S.Jadon. "A Review of Vision Based Hand Gestures Recognition" International Journal of Information Technology and Knowledge Management, Jul-Dec 09, Vol. 2, No. 2, pp. 405-410, ISSN: 0973-4414 . (This paper was cited by **442** researchers)
- ➢ G.R.S. Murthy and R.S. Jadon, 2011. Computer Vision Based Human Computer Interaction. Journal of Artificial Intelligence, 4: 245-256 **DOI:** 10.3923/jai.2011.245.256 (This paper was cited by **11** researchers)
- ➢ G.R.S. Murthy and DTV Dharmajee Rao "Visual Cryptography Using Color Images" in International Journal of Computer Science and Communication Vol. 3, No. 1, January-June 2012, pp. 221-226. (This paper was cited by **01** researcher)
- ➢ S Boddepalli and GRS Murthy "Efficient Monitoring And Maintenance Of Project Over The Global" in Int. Journal of Advanced Research in Computer Science 5 (4), pp.168-172.

INTERNATIONAL CONFERENCES

- ➢ G.R.S. Murthy and R.S.Jadon. "Recognizing Facial Expressions Using Eigenspaces", Proc. of IEEE International Conference on Computational Intelligence and Multimedia Applications, Dec 2007, Vol-III Pages 201-207. DOI: 10.1109/ICCIMA.2007.356 (This paper was cited by **10** researchers)
- ➢ G.R.S. Murthy and R.S.Jadon. "Hand Gesture Recognition using Neural Networks", Proc.of 2nd IEEE International Advanced Conference on Computational Intelligence and Multimedia Applications, Feb 2010, pp 134 - 138 DOI: 10.1109/IADCC.2010.5423024. (This paper was cited by **111** researchers)
- ➢ CR Kishore, KP Rao, GRS Murthy. "Performance Evaluation of Entorpy and Gini using Threaded and Non Threaded ID3 on Anaemia Dataset", Proc.of 5th IEEE International Conference on Communication Systems and Network Technologies (CSNT), 4-6 April 2015, pp 1080-1084, DOI 10.1109/CSNT.2015.1122015(This paper was cited by **11** researchers)

- CV Rohit, GRS Murthy, "COVID-19 Touch Project using Deep Learning and Computer Vision" published in Springer series "Lecture Notes in Networks and Systems" held at Guru Nanak University, Hyderabad on 28 and 29 August 2020.

National Conferences:

- G.R.S. Murthy and R.S.Jadon. "Vision based Hand Gesture Recognition: A Review" presented in National Seminar on ETCITE organized by AEC, Agra and CSI, Gwalior chapter, Feb 09.
- G.R.S. Murthy and R.S.Jadon. "Intelligent Schemes for Human Computer Interaction" in National Seminar on Recent Trends in Information Technology at Shri Ram College of Engineering & Management, Banmore, Apr 2006.

Details of Workshops / Refresher Courses Conducted:

- *Organized a Online Webinar on "Competative Progamming and How to crack Hackthons" at* GVPCDPGC(A) on 04 Jan 202 with Dr. Prasant R Nair as distinguished Speaker.
- *Conducted Smart Hacks 2020* in association with EICT Academy , IIT Kanpur on 28 Sep 2021
- *Convener for Six day FDP* on Analytics with R jointly organized by E&ICT academy NIT-Warngal and Lendi Institute of Engineering and Technology, Viziangaram, A.P. from 16-6-16 to 21-6-16.
- Organized a Guest Lecture on Evolutionary computing based Data Mining for the benefit of students by Dr.Vadlamani Ravi, Professor & Head, Center of Excellence in Analytics,IDRBT,Hyderabad on 27-2-16.
- Organized a Guest Lecture on Software Engineering by Dr. R Marshall, Professor in CSE dept. at Plymouth State University in New Hampshire, USA on 06-01-16.
- Convener for a One day Awareness Programme on the Prospects and Challenges of Nuclear Energy by Padma Sri Prof Chaitanyamoy Ganguly
- Convener for a two day workshop on "Research Methods". 12/12/13 to 13/12/13.
- Co-Convener for a three day national Workshop on "A Three day refresher course on Modern Imaging Research: Research Avenues and Challenges". 31/2/13 to 2/3/13.

Details of Workshops / Refresher Courses Attended:

- Attended one week FDP on ML for Data Science using Python, conducted by ANITS and NIT(W) from 19th to 28 Dec 2022
- Attended one week FDP on "Curriculum Design & Evaluation" conducted by NITTTR, Chandigarh from 08/08/2022 to 12/08/2022 .
- Attended one week FDP on "Evaluation and Setting of Question Papers" conducted by NITTTR, Chandigarh from 11/7/2022 to 15/07/2022 .
- Attended one week FDP on "Medical Image and Sigal Processing" conducted by IEEE Student Chapter and Sasi Institute of Technology and Engineering from 07 March 22 to 12 March 22.
- Attended 3days Workshop on "AICTE Examination Reforms" Conducted by AICTE and Chitkara University from 08 July 21 to 10 July 21.
- Attended one Week ATAL FDP in association with Andhra University on "EDP on fostering Start-up, Innovation and Entrepreneurship/Intrapreneurship" from 06 Dec 21 to 10 Dec 2021.
- Attended 3rd One Week International Online FDP on "Recent Advances in Computer Science and Allied Domains" Organized by Department of CSE of Sharada University from 5th July- 10th July 2021.
- *Participated in the Online AICTE Recognized Faculty Development Programme* **on NBA Accreditation and Examination Reforms from 17/05/2021 to 21/05/2021 (one Week)** *Conducted by* **Electronics and Communication Engineering Department NITTTR, Chandigarh**

- ➢ *Participated in the Online AICTE Recognized Faculty Development Programme* **on Neural Networks and Deep Learning from 14/06/2021 to 18/06/2021 (one Week)** *Conducted by* **Electronics and Communication Engineering Department NITTTR, Chandigarh**
- ➢ participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary** FDP on "**Deep Learning for Visual Computing**" from **2021-7-12** to **2021-7-16** at **Sri Krishna College of Engineering and Technology**.
- ➢ participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Advanced** FDP on "**Artificial Intelligence for Computer Vision**" from **2021-07-26** to **2021-07-30** at **Indian Institute of Technology, Roorkee**.

During Covid 19 Period I have participated and successfully completed following Online programs.
- o One Week course on "Python 3.4.3" organized at Madanapalle Institute of Technology & Science, with course material provided by the Spoken Tutorial Project, IIT Bombay.
- o One Week Short Term Course on "Data Analytics using Python" conducted by NITTTR Chandigarh.
- o One Week FDP on "Data Science" Sponsored by ATAL Academy Programmes, AICTE, organized by JNTUA College of Engineering (Autonomous), Pulivendula
- o One Week FDP on "Artificial Intelligence" conducted by BVRIT,Hyderabad in association with NYCI & Brainovision Solutions India Pvt. Ltd.
- o One Week FDP on " Learning, Pedagogy and Effective use of Case Methodology" organized by ASMA - ASM group of Institutes.
- o Participated in webinar on " Post Covid-19: Science and Technology" organized by SRM University AP in association with The Hindu.
- o One Week FDP on "Advanced Python for Enterprise Applications", conducted by JNTU-K .
- o **Successfully completed One Month FDP on "Data Science" organized by APSSDC in association with ExcelR , E-Learning Academy.**
- o **Successfully completed 3 Months Project and Internship on "Data Science" in association with ExcelR**
- o Attended 15 days FDP conducted by JNTU-K and ExcelR on "Application of Data Science for Industrial Problems through Python".
- o Successfully completed one month FDP on "**AI and Deep learning**" jointly conducted by APSSDC and 360DigiTMG in the month of July 2018.
- ➢ Attended one day workshop on Internet of Things on 26-4-16 at LIET Vizianagarm.
- ➢ Attended one day workshop on Outcome Based Education (In compliance with NBA Accreditation) on 19th January, 2013.
- ➢ Attended a Three Day National Workshop on "Multicore Computing: Hands on Exposure to Practical Open MP programming" from October 20-22, 2011 at AITAM, Tekkali.
- ➢ Attended a 2- day Advanced Mission10X Certification Workshop on 7th & 8th October 2010 at Kakinada Institute of Engineering & Technology, Korangi , conducted jointly by WIPRO, Mission 10X and JNTU-K.
- ➢ Two of my resource guides are selected and available as resource material in the Mission10X portal (www.mission10x.com) which can be accessed and downloaded from their portal.
- ➢ Attended 5-days Faculty Development Programme on "High Impact Teaching Skills" of Dale Carnegie Training, conducted jointly by WIPRO, Mission 10X and JNTU-K at KIET, Korangi, Kakinada from 03 May 10 to 07 May 10.
- ➢ Attended AICTE – ISTE sponsored Short Term Training Programme on "Soft Computing" held from 02 Mar 10 to 06 Mar 10 at AITAM, Tekkali.
- ➢ Attended a training programme on "Network Security and Embedded Systems" conducted on 24 Oct 09 at JNTU-K in collaboration with TCS.

NPTEL Courses completed:

1. Programming, Data Structures and Algorithms using Python with Elite Certificate.
2. Outcome based pedagogic principles for effective teaching with Elite Certificate.
3. Programming in Java with Elite Certificate.

4. Teaching and Learning in Engineering with Elite Certificate.
5. TALE 2: Course Design and Instruction of Engineering Course with Elite Certificate.

Academic Work

Working as an International Program Committee member & Technical reviewer for the IEEE & Springer Journal/ Conferences given below.

- *My orcid link is https://orcid.org/0000-0001-6474-8147*
- *Currently reviewing a Research Paper in Progress in Artificial Intelligence, Springer Nature*
- *Worked as Power Judge Evaluator in Toycathon 2021 organized by Ministry of Education's Innovation Cell with support from by AICTE.*
- *Technical Reviewer in 2nd International Conference on Advanced Computing and Intelligent Engineering23-25 November, 2017, Central University of Rajasthan, Ajmer, India*
- *Acted as Session Chair at IEEE Conference CSNT 2015 at Gwalior on 04 April 2015.*
- *Technical Reviewer in Progress in Artificial Intelligence Journal of Springer Verlag.*
- *Technical Reviewer in IEEE Transactions On Systems, Man, And Cybernetics-Part A: Systems And Humans*
- 2nd International conference on Signal Processing & Integrated Networks (SPIN-2015) held on 19-20 February, 2015, Amity University, Noida- Delhi NCR, India
- International Conference on Bio-inspired Computing: Theories and Applications (BIC-TA 2014) held on October 16–19, 2014, Wuhan, China
- International Conference on Machine Intelligence and Research Advancement November 29 - December 1, 2014; Jammu and Kashmir, India ICMIRA 2014
- International Conference on "Communication Systems and Network Technologies (CSNT 2013) held on 6-8 April, 2013 at MIR Labs, Gwalior, India
- Machine Intelligence Research and Advancement (MIRA-2013) conducted at SMVDU Katra, India.
- 2nd International Conference on Soft Computing for Problem Solving (SocProS 2012) at JKLU, Jaipur held on December 28-30, 2012.
- "World Congress on Information and Communication Technologies (WICT-2012)" organized by IIITM Kerala held on 30 Oct -02 Nov 2012.
- Seventh International conference on Bio-Inspired Computing: Theories and Applications (BIC-TA 2012) held at ABV- Indian Institute of Information Technology and Management Gwalior, India on December 14-16, 2012
- International Conference on "Communication Systems and Network Technologies (CSNT 2012) held on 11-13 MAY, 2012 at MIR Labs, Rajkot, India.
- International Conference on Computational Intelligence and Communication Systems(CICN-2012) held at GLA University, Mathura, India on Nov 03-05,2012.
- "World Congress on Information and Communication Technologies (WICT-2011)" organized by University of Mumbai held on 11-14 Dec 2011.
- International Conference on "Computational Intelligence and Communication Networks (CICN-2010) held on 26-28 Nov 2010 at RGPV Bhopal.
- International Conference on "Communication Systems and Network Technologies (CSNT-2011)" held on 03-05 June 2011 at SMVDU Katra, India .
- International conference on Soft Computing for Problem Solving (SocProS 2011) held on December 20-22, 2011 at IIT Roorkee.

Memberships

- Regular member of Machine Intelligence Research Labs, a scientific network for innovation and research excellence with the head quarters in Auburn, WA State, USA.
- Life Time Member in CSI
- Life Member of IE

Personal Information

Father's Name	Sri G. Lakshmana Murthy
Date of Birth	20 Apr 1972.
Marital Status	Married
Hobbies	Exploring new places
Mailing Address (Permanent)	Dr.G.RS Murthy H.No. 5-63, Santosh Nagar Vakalapudi, Kakinada -533005 E.G.Dist. (A.P.)
Mailing Address (Current)	Dr. G.RS Murthy Plot No.91. Flat No. 402, Sai Leela Residency. Visalakshi Nagar -530043 Visakhapatnam- 43 (A.P.)

References

Name	e-mail id/ Contact Number	Association
Dr. R. S. Jadon Professor Dept.of. CSE, MITS,Gwalior-5 M.P.	rsj_mits@yahoo.com 09425122675	Ph.D. Guide
Dr.KK Biswas, Emeritus Faculty IIT-Delhi	kkb @cse.iitd.ernet.in	Ph.D. Thesis Evaluator
Dr. DVLN Somayajulu Director IITDM, Kurnool.A.P. – 518007	soma@nitw.ac.in somadvlns@yahoo.com 09849336547	Ph.D. Thesis Evaluator

(Dr.G.R.S.Murthy)