Biodata

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Name : **Dr. V SHANMUKHA RAO** MCA, M.TECH (CSE), MPHIL (CS), PHD (CSE)

Father Name: V.Satyanaryana Garu

Date of Birth : 21-01-1977

Address for Communication:

    Office Address:

        Dr.V.Shanmukha Rao, Professor,

        Department of Information Technology,

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    Profile URL: https://vidwan.inflibnet.ac.in//profile/89909 - score: 7.7

    Blog: https://vshanmukharao.blogspot.com/

Professional Experience : 20 years

Educational Qualifications

- ➢ Ph.D in Computer Science & Engineering, Rayalaseema University (Kurnool, AP State Govt University).

- ➢ M.Tech in Computer Science & Engineering, First class with Distinction, NCET, JNTU University,Kakinada.

- ➢ M.Phil in Computer Science, Madurai Kamaraj University.

- ➢ MCA in Computer Applications, I class, AMA College of Engineering & Technology, Madras University.

- ➢ BSc in Electronics, Andhra Loyola College, I class, Nagarjuna University.

Other Qualifications

- ➢ JNTUK University Ratified as Assistant Professor, 2016.

- ➢ M.Tech in Computer Science, I class, JNRV University, 2007.

Memberships in Professional organizations - 3

1. LMISTE- (Life Member Indian Society for Technical Education) Membership No: LM 128360.
2. IAENG (International Association of Engineers),Membership No: 251352.

3.   IETE (Institute of Electronics & Telecommunication Engineers) Membership No: 232615

Certification & Awards   -   6

1. Award winner in recognition of having met the highest standards of excellence in Distinguished Faculty in Computer Science and Engineering - Received from Ambitions Career Counsellors, Telangana, Hyderabad on 30th January 2021.
2. NI-MSME certification on TEDP (Technology Entrepreneurship Development Programme) sponsored by DST, Govt of India.-2017
3. ISO Quality Management System Certified for ISO 9001:2008, "Awarness to Quality Management System as per ISO 9001:2008", BMQR , Chennai, 18-5-2013
4. Certified "Rational Software Architect", IBM Seed Program, Vijayawada,
5. 13-6-2013 to 15-6-2013.
6. Certified course Completed Executive Quick IT Program, STG international ltd 1998.
7. Awarded Best Exhibit in Electronics at ALC 1997

Professional Experience   : 19 years

>   Engineering college Experience   : 10 years,
>   Degree & PG College Experience   : 5 years,
>   Teaching Experience (Abroad)   : 2 years

- ➢ From September 2018, as Professor, Department of Information Technology, Andhra Loyola Institute of Engineering and Technology Vijayawada.
- ➢ From September 2014 to September 2018, as Associate Professor, Department of Information Technology, Andhra Loyola Institute of Engineering and Technology Vijayawada.
- ➢ From September 2012 to September 2014, as Assistant Professor, Department of Information Technology, Andhra Loyola Institute of Engineering and Technology Vijayawada.
- ➢ From August 2008 to September 2012, as HOD & Assistant Professor for Department of Computer Science & Engineering and Information Technology, Andhra Loyola Institute of Engineering and Technology Vijayawada.
- ➢ From June 2006 to June 2008, as Assistant Professor in Department of MCA, Andhra Loyola College, Vijayawada.
- ➢ From June 2004 to May 2006, as HOD of Computer Science Department, Nalanda degree College, Vijayawada.
- ➢ From February 2003 to May 2004, as Sr. Faculty in Department of Information Technology, Olympia College, Raffles Educational Group, Johur Bohru, Malaysia.
- ➢ From June 2002 to January 2003, as computer science faculty for UG & PG, SRR & CVR Govt College, Vijayawada.
- ➢ From June 2001 to April 2002, as lecturer in BCA department, Andhra Loyola College, Vijayawada.

Other Experiences:
- • As Guest Faculty for IGNOU, Bharathidasan open university, NOVA College, ICFAI, SRR & CVR Govt College and Examiner for VELTECH University.

Book Published-1
- • Published Book as a Co-Author, "Computer Programming and data structures"
ISBN: 978-81-224-3206-0, Publication year: 2011, "NEW AGE INTERNATIONAL" publications.

List of Publications (National / International Journals / conferences)   -   13 + 1 = 14

13. (2021) "**The Probability of Microblog Forwarding using Multi-Message Interaction-Driving Mechanism**",Dr B V Subba Rao1, Mr. Raja Kondaveeti2, Mr.Y.Ramu3, **Dr V. Shanmukha Rao4**, Dr G.SivaNageswara Rao5, Turkish Journal of Computer and Mathematics Education Vol.12 No.9 (2021), 434-437,Article History: Received: 10 January 2021; Revised: 12 February 2021; Accepted: 27 March 2021; Published online: 20 April2021.
https://turcomat.org/index.php/turkbilmat/article/view/3098
https://turcomat.org/index.php/turkbilmat/article/view/3098/2662

12.(2020) "Automated exam paper process based on schedule and authenticity", **1st Dr.V.Shanmukha Rao**,2nd V.Chaitanya Sai,3rd S.Sai Sandeep, 4th M.V.Jayadeep International Conference of Advance Research and Innovation (ICARI-2020) ,
SSRN: https://ssrn.com/abstract=3643880 or http://dx.doi.org/10.2139/ssrn.3643880, https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3643880.

11.(2019) "QUANTITATIVE WORK STUDY ON MRC PROTOCOLS", Dr.V.Shanmukha Rao, M.Revanth, C.Chaitanya and P.Abhilash, INTERNATIONAL JOURNAL OF RESEARCH IN ELECTRONICS AND COMPUTER ENGINEERING, IJRECE VOL. 7 ISSUE 1 (JANUARY- MARCH 2019), ISSN: 2393-9028 (PRINT) |ISSN: 2348-2281 (ONLINE) 1483-1485.
http://www.i2or-ijrece.com/vol.-7-issue-1--version-4-.html

10. (2019) "ANALYSIS OF DECISION TREE ALGORITHMS BASED ON STUDENT RECORD FACTS", Dr.V.Shanmukha Rao, G.Chakradhar, K.Mohith and K.Phani, INTERNATIONAL JOURNAL OF RESEARCH IN ELECTRONICS AND COMPUTER ENGINEERING, IJRECE VOL. 7 ISSUE 1 (JANUARY- MARCH 2019), ISSN: 2393-9028 (PRINT) |ISSN: 2348-2281 (ONLINE), 1480-1482. http://www.i2or-ijrece.com/vol.-7-issue-1--version-4-.html

9. (2017) "Implementation and Comparative Study of Pillar K-Means Ant lion Caesar Cipher Routing Protocol (PACR) with FSER Protocol in FSO MANET", V. Shanmukha Rao,V. Srinivasa Rao, International Journal of Innovative Research in Computer and Communication Engineering, DOI: 10.15680/IJIRCCE.2017. 0501077, ISSN(Online): 2320-9801, Vol. 5, Issue 1, January 2017. www.ijircce.com/upload/2017/january/77_17_Implementaion.pdf

8. (2017) "FSER and DSDV Performance in FSO Manet", ISSN: 2321-5585, International Journal of Research in Computer Science & Engineering, IJRCSE Vol-7, Issue-1, Jan - Feb, 2017, www.ijrcse.com/Archives.aspx?MName=Volume-7,%20Issue-1

7. (2017) "Developing an FSO MANET Application using FSER Protocol", Sd.Shabana1| V.LakshmiSailaja2| S.Keerthana3| V.Shanmukha Rao International Journal for Modern Trends in Science and Technology, ISSN: 2455-3778, Volume: 03, Special Issue No: 02, March 2017 www.ijmtst.com/NCCIT2017/9NCCIT09.pdf

6. (2016) "Security Aware Fuzzy C-Means Cluster-based Social Spider Elliptic Curve Cryptography (FSER) Routing Protocol in FSO MANET", V. Shanmukha Rao1* and V. Srinivasa Rao, Indian Journal of Science and Technology, Vol 9(44), DOI: 10.17485/ijst/2016/v9i44/98473, November 2016. www.indjst.org/index.php/indjst/article/viewFile/98473/75323

5. (2016) "Tamper-Proof secured Cloud Storage using Decentralized Access Control with OTP", V.Shanmukha Rao,K.Sivaji,B.Kishore,V.Krishnachand,A.Gopinath, Dept of CSE, Andhra Loyola Institute of Engineering & Technology, Vijayawada, "National Conference On "Recent Trends in Advanced Computing", NCRTIAC2K16, ISSN-2321-5585 , 30th APRIL 2016-IJRCSE http://www.ijrcse.com/Archives.aspx?MName=Special,%20Issue

4. (2013) "Query Pattern Evaluation in User Search Histories", Dr.J.Srinivasa Rao, 2Mr. Hari Krishna.Deevi, 3Mr. V.Shanmukha Rao ,. IJDCST @April-May 2014, Issue- V-2, I-4, SW-02, ISSN-2320-7884 http://ijdcst.com/pdf/Query%20Pattern%20Evaluation%20in%20User%20Search%20Histories.pdf

3. "Cloud Computing Benefits in IT Demanding Sectors", International Journal of Engineering Associates (2320 – 0804) / # 105 / Volume 2 Issue 7, ISSN 2320 – 0804 105, 2013

2. (2013) "Monitoring Cryptographic Strength of Wireless Sensor Networks using Knowledge-zero protocol". International Journal of Advanced and Innovative Research (2278-7844) / #380 / Volume 2 Issue 9, 2013.

1. (2012) "Data Allocation Strategies for Detecting Data Leakage", International Journal of Computer Trends and Technology- volume3, ISSN: 2231-2803, Issue1- 2012.

International Conference Paper   -   1

(2019) "An Innovative Life Measuring Application using IoT Technology", ICCI 2019, Ist international Conference on Contemporary Issues, Manipal Intenational University, Malyasia 27 & 28 March 2019.

List of Participated Seminars / Workshops - 41

2021-2022

1. "AWS and Machine Learning" attended 10 days workshop sponsored by ministry of electronics and information technology organised E& ICT, NIT warangal and ALIET from 4th oct 2021 to 13th oct 2021.
2."National level one week FDP on Multitechnologies" organised by Brainovision solutions india Pvt Ltd in association with National youth council of india from 28th June 2021 to 3rd july 2021.

2020-2021 - 5

1. "**Hands-On workshop on Dart Technology**" conducted by brain vision solutions on 27 July 2020.
2. "**RPA Tool for Financial Organisation**" attended international webinar conducted by ALC on 21st June 2020.
3. "**Three Days Online Faculty Development Programme**" conducted a FDP of IT Department on Latest Technologies in IT and resource persons from USA, during 18th June 2020 to 20th June 2020.
4. "**COVID-19: Imapact on Education, Technology, environment & Mankind**" participated Virtual summit organised by ALIET on 30th May 2020.
5."**Online Communication Tools**", Two days Webinar conducted by CSE, Ramachandra college of Engineering from 23rd May 2020 to 24th May 2020.

2019-2020 - 20

1. Participated in "**COVID-19 awareness Quiz**" organised by Usharama College of Engineering, Telaprolu on 23rd May 2020.

2. Participated in "**Aptitude test for faculty on OBTL**" organised by Usharama College of Engineering, Telaprolu on 23rd May 2020.

3. "**Webinar on Advanced IoT Applications – A Practical Approach**" attended online training Program offered remotely conducted by LBRCE on 23rd May 2020.

4. "**Java Programming**", Two Day Online Faculty development program organised by school of computer science and engineering (SCOPE), VIT-Vellore Institute of Technology , Chennai – 15th May 2020 to 16th May 2020.

5. "**Improvig Your Research Visibility – Research Impact and Metrics**", Three Day Online FDP organised by Velalar College of Engineering and Technology, Chennai from 11th May 2020 to 13th may 2020.

6. "**NAAC Awareness Programme for Faculty**" one Week FDP organised by MMIT, Lohgoan, Pune during 8th May 2020 to 14th May 2020.

7. "**AWS**" attended international webinar conducted by AMAZON on 13th May 2020.

8. Participated in " **Quiz on Recent Trend in IT** " organised by Shree L.R. Tiwari College of Engineering, Maharashtra on 11th May 2020.

9. Participated in " **Quiz on basics of Computer and IT skills**" organised by Shree L.R. Tiwari College of Engineering, Maharashtra on 11th May 2020.

10. "**E-learning**" one week Faculty Development Program organised by Eswar college of Engineering, Guntur during 11th May 2020 to 15th May 2020.

11. Participated in "**World Technology Quiz-2020**", conducted by JAIN Deemed to be University, Karnataka – 11th May 2020.

12. "**Building Decision Tree from Scratch using Phyton**" attended Webinar conducted by Codegnan IT Solutions on 9th May 2020.

13. "**Big data Analytics By Spark**" attended webinar conducted by Optimistic.ai Solutions on 8th May 2020.

14. "**DevOps & AWS**" attended Two days online FDP organised by Sriram Engineering College, Chennai from 7th May 2020 to 8th May 2020.

15. "**Research Methodology – Methods & Best Practices**" attended one day FDP organised by Santhiram Engineering College on 7th May 2020.

16. "**Research Challenges and Opportunities Post COVID-19 (RECOP 2020)**", one week Online Faculty development program organised by Sri Vasavi engineering college, Tadepalligudem – 4th May 2020 to 9th May 2020.

17. "**Research Challenges in Data Mining**" participated in Webinar organised by Chennai Institute of technology, Chennai on 6th May 2020.

18. "**Machine Learning and Artificial Intelligence**", a Three day FDP organised by CSE/IT, ALIET during 4th May 2020 to 6th May 2020.

19. "**Online College Management & Online Content Creation Tools**", Three days National level FDP organised by North strom Academy & university of Mumbai – 30th April 2020 to 2nd May 2020.

20. "**Covid-19 prediction and forecasting using machine learning Webinar**" participated in Webinar organised by Codegnan IT Solutions on 26th April 2020.

2018-2019 - 3

1. "**Deep Learning and its applications**", one week workshop organised by E&ICT Academy, NIT at PVPSIT – 24th June 2019 to 29th June 2019.

2. "**Firewall installation, configuration & Management**", ICT Academy & Paloalto Networking, 4-6-2018 to 8-6-2018.

3. "**Cloud infrastructure and services**", one week workshop organised by dept of CSE & IT,ALIET 31-Oct-2018 to 5-Nov-2018

2017-2018 - 2
1. "**Ist National Conference on Computing & Information Technology**", NCCI-T-2017,ALIET.
2. "**Cloud Computing using IBM Bluemix**", APITA, 23-10-2017 to 25-10-2017,ALIET.

2016-2017 – 3
1. "**Advancements in cloud computing Services and its Applications**",17-1-2016 to 19-1-2016,CSE&IT,ALIET.
2. "**BIG DATA ANALYTICS using HADOOP**", IT Department, ALIET, 16-sep-2016 to 17-sep-2016.
3. "**NBA Oriented Program**",IT, ALIET,6-6-2016.

2015-2016 - 1
1. "**Software Test Planning and Estimates**", VRSEC , Vijayawada, 28-9-2015.

2013-2014 - 1
1. "**Best Practices in Software Quality Engineering**", TCS certification, PVPSIT, 20-7-2013.

2012-2013 - 2
1. "**Workshop on Network Simulator 2**", PACE Institute of Tech & Sciences, Ongole, 8-9-2012 to 9-9-2012.
2. "**Workshop on Microprocessors**", JNTUK, Kakinada, 29-6-2012.

2012-2011 - 1
1. "**W-Suraksha**", C-DAC, JNTUH, 11-5-2012.

2011-12 - 1
1. "**Image Processing and Applications**", UGC Sponsored, Acharya Nagarjuna Univesity, 3-12-2011 to 4-12-2011.

2010-11 - 1
1. "**Workshop on BIOINFORMATICS**", PVPSIT, Vijayawada, 30-9-2010.

2008-2009 - 1
1. "**Seminar on MOBILE COMPUTING**", PVPSIT, Vijayawda, 17-10-2008.

University & College Activities - worked
- As a Examination-In charge from 2008 to till date
- As a JNTUK Krishna District Collection Centre Coordinator, Spot Centre Coordinator, AICTE college Administrator, college internal Online Examinations conducted by JNTUK
- As a CSE / IT department Head.
- Teaching, Mentoring, Counsellor, Research & Training, Maintaining & Coordinating College Examination Departmental activities affiliated to JNTUK University.

(Dr.V.Shanmukha Rao)