CURRICULUM VITAE

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Name : **Dr. V SHANMUKHA RAO** M.TECH, PHD.
Father Name: V.Satyanaryana Garu
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Address for Communication:

Office Address:

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Professional Experience : **18 years**

Educational Qualifications

- 2018- Ph.D in Computer Science & Engineering, Rayalaseema University (Kurnool, AP State Govt University).
- 2007-M.Tech in Computer Science, JRN Rajasthan Vidyapeeth University.
- 2001-MCA in Computer Applications, I class, Madras University.
- 2016-JNTUK University, Kakinada ratified as an Assistant Professor.

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

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

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 (Responsibilities**)**
- Examination-In charge from 2008 to till date
- JNTUK Spot Centre Coordinator-Krishna district.
- EX-Coordinator – JNTUK Krishna district collection center

- EX- AICTE College Administrator.
- EX- CSE / IT department Head.
- In charge for college internal Online Examinations conducted by JNTUK.
- Teaching, Mentoring, Counsellor, Research & Training, Maintaining & Coordinating College Examination Departmental activities affiliated to JNTUK University.

(Dr.V.Shanmukha Rao)