## Manas kumar Yogi manas.yogi@gmail.com

Contact No: **9966979279**

#### Objective

To work in an environment that challenges me to improve and constantly thrive for perfection in all the tasks allotted to me, thereby helping me to explore myself fully and realize my potential.

## Teaching Experience

8 Years as Asst. Prof.(**Ratified by JNTUK, Kakinada**) in CSE Dept. in Pragati Engineering College, Autonomous, Surampalem.

**5** years, of Teaching Experience as, Assistant Professor (CSE Dept.) in Ellenki Engineering College,Hyderabad.

**Industry Experience**

**2** years of Experience as Software Testing Engineer from Magnes IT Solutions,Hyderabad.

## Scopus Id: https://www.scopus.com/authid/detail.uri?authorId=57206180776

**Orcid Id**: https://orcid.org/0000-0001-9118-2898

**LinkedIn Profile**: <https://www.linkedin.com/in/manas-yogi-731a6961/>

**Google Scholar Profile:** [**https://scholar.google.com/citations?user=ygpWSOEAAAAJ&hl=en**](https://scholar.google.com/citations?user=ygpWSOEAAAAJ&hl=en)

**Citations-50 h-index -3 i10-index-1**

**Total Paper Publications** (including Conference and Journal Publications):116

## Educational Qualifications

|  |  |  |  |
| --- | --- | --- | --- |
| **Education** | **Year of Passing** | **University/Board** | **Percentage** |
| Ph.D. | Pursuing | JNTUK,Kakinada | **-** |
| M.Tech. | 2012 | Malla Reddy College of Engineering & Tech. (JNTU Hyderabad) | **75** |
| B.Tech. | 2006 | VR Siddhartha Engineering College, Vijayawada (A.P.) | **78** |
| Intermediate | 2001 | Kendriya Vidyalaya, NTPC,  Ramagundam (A.P.) | **80** |
| SSC | 1999 | Kendriya Vidyalaya, FCI,  Ramagundam (A.P.) | **86** |

**Theory Subjects handled at UG Level:**

* Software Engineering
* Software Testing Methodology
* Object Oriented Analysis and Design
* C and Data Structures
* Design and Analysis of Algorithm
* Web Technologies
* Artificial Intelligence
* Software architecture and Design Patterns
* Information Retrieval Systems
* Database Management Systems

**Software Skills**

* Programming languages: C, C++,Java
* Databases: Oracle 11i,MYSQL 2.0
* Web Authoring Tools: HTML, DHTML, XML, JavaScript, PHP, Ruby

## Prominent Papers Published :

1. "Application of Anytime Interruptible Algorithm for Software Test Case Prioritization", IJRTE, March 2017).(**No Article Publication Charges)**.

2. "A Survey of Cyber foraging systems: Open Issues, Research Challenges",Vol.8,Issue:6,May June 2017). Int. J. Advanced Networking and Applications(UGC Approved ).(**No Article Publication Charges)**  ISSN: 0975-0290.

3.” Robust Fault-Tolerant Training Strategy Using Neural Network to Perform Functional Testing of Software”, Int. J. Advanced Networking and Applications(**UGC Approved** ).(**No Article Publication Charges)** Volume: 09 Issue: 03 Pages: 3455-3460 (2017) ISSN: 0975-0290.

**4**. IoET: From Paradox To Paradigm ,Conference paper in International Conference on Internet of Things (IOT) and Cyber Security (ICICS2018),published in Scopus indexed journal in IJET ,ISSN: 2227-524X. DOI: 10.14419/ijet.v7i2.7.10891 .Published on: 18-03-2018. **SCOPUS INDEXED**

5. IOT Security Challenges and Measures to Mitigate: Novel Perspectives ,Conference paper in International Conference on Internet of Things (IOT) and Cyber Security (ICICS2018),published in **SCOPUS INDEXED JOURNAL** in IJET . ISSN: 2227-524X. **DOI:10.14419/ijet.v7i2.7.11081.** Published on: 18-03-2018.

6. Green IoT: Principles, Current Trends, Future Directions, Sep , 2018  International Journal of Advance Research and Innovation Volume 6, Issue 3 (2018) 156-158 ISSN 2347 - 3258(**UGC recognized no article publication charges)**

7.A Propulsive Roadmap for IoT Beyond 2025 Sep , 2018 ,IJANA ISSN: 0975-0282 (ONLINE), 0975-0290 (PRINT) IP Indexing Impact Factor for the year 2017 is 3.16. Impact Factor :3.462(SJIF Impact Value), ICV 5.93 points.(Index Copernicus Value)(**no publication charges**)

8. Application of  Bayesian Bandit principle for Efficient Routing in Adhoc Networks ,International Conference on Electrical, Communication, Electronics, Instrumentation and Computing (**ICECEIC**)” from 30th - 31st January 2019,conducted by Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya,Enathur, Kanchipuram, Tamil Nadu, India ,Technically sponsored by **IEEE Madras Section**.(To be indexed by **IEEEXplore** **Digital Library**)

9. A Systematic Review on Uncertain and Probabilistic Databases: Principles, Current Trends, Future Directions. Journal of Advanced  Database  Management  & Systems. 2018; 5(3): 1–7p(**UGC recognized No article publication charges**), eISSN- 2393-8730.

10. Enhancing Ability of User Personalization by Application of Rough Fuzzy Grouping Mechanism for Improved Web Intelligence, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-4, February 2019.**(SCOPUS INDEXED)**

11. Application of Modified Memetic Algorithm to Uncover Authorship Styles in Software Forensics Mar 10, 2019 International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7 Issue-5S2, January 2019. **(SCOPUS INDEXED)**

12. Application of Kraft–McMillan Inequality for Software Test Case Prioritization publication date May 21, 2019 ,International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-7 May, 2019 **SCOPUS INDEXED**

13. Repressing Superfluity in Wireless Sensor Network Traffic by Application of Kalman Filtering Technique publication date Jun 20, 2019 International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-8, June 2019 **SCOPUS INDEXED JOURNAL**

14. Application Of Viterbi Algorithm For Efficient Transportation Forecasting Aug 15, 2019 INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 8,

ISSUE 08, AUGUST 2019 **SCOPUS SOURCEID** 21100894501 ISSN 2277-8616.

15. Handling Multifacets of Trust Management in Cyber Physical Systems Aug 19, 2019 InternationalJournal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-10, August 2019 **SCOPUS INDEXED**

**Citations : 32 (Source: Google Scholar)**

**Book Published:**

**1.Effect of Genetic Algorithm in Prioritization of Regression Test Cases**, August 2018,

ISBN:978-613-9-89363-8,Lambert Publishers.

**2**. "**Exercising Machine Language Paradigms in Software Engineering**",Scholars' Press, Omniscriptum Publishing Group,ISBN:978-613-8-91472-3,October 2019.

**Book Chapters Published:**

1. Novel Aspects of Unconventional Nature Inspired Optimization Algorithms, Advances in Computer Science,Volume-5,Akinik Publication, New Delhi, Paperback ISBN: 978-93-5335-653-8,E-Book ISBN: 978-93-5335-654-5,Book DOI: https://doi.org/10.22271/ed.book.382,September 2019.

2**.**Novel Perspectives of Ensemble Learning Algorithms ,Advances in Academic Research and Development (Volume 1),Integrated Publications, New Delhi,ISBN:978-81-947471-9-2,DOI: https://doi.org/10.22271/int.book.15.

3.Deploying Evolutionary Computing Techniques for Reducing Impact of Vampire Attacks in Wireless Sensor Networks, Advanced Engineering Research and Applications, Volume-XIII, Research India Publications, New Delhi,ISBN:978-93-89116-47-2.

**NPTEL Certifications :**

1. Software Testing (**Elite**),October 2017

2. Software Engineering (**Elite**),AICTE Approved 1 Week FDP Certification course, November 2018

3. Introduction to Soft computing (**Elite +Silver**), AICTE Approved 1 Week FDP Certification course, April 2019.

4. Software Project Management (Elite), AICTE Approved 2 Week FDP Certification course, November 2019.

**Work Shops,FDPs and Seminars Attended :**

1**.**One Week FDP on "Deep Learning and it's Real time Applications**",** organised by E& ICT Academy,NIT Warangal,atPragati Engineering College, Surampalem from 18-11-2019 to 23-11-2019.

1**.**One Week FDP on "Machine Learning and it's Real time Applications**",** organised by E& ICT Academy,NIT Warangal,atPragati Engineering College, Surampalem from 27-8-2018 to 01-09-2018.

2.2-Day FDP on Agile methodolgies in Pragati Engineering College, Surampalem on 10th and 11th Oct,2015.

3. 2-Day FDP on Big Image Data Processing on Hadoop Framework in Pragati Engineering College,Surampalem on 19th and 20th March 2015.

## Other Achievements:

1. Secured 3rd Rank in 12th Standard in KV,NTPC, Ramagundam

2. Secured 2nd Rank in 10th in KV,FCI, Ramagundam

**Membership in Professional Society**:

**CSI Life membership:** 2010000984