CURRICULUM VITAE

Dr. M.DHASARATHAM

B.Tech, M.Tech, Ph.D, (PDF), IAENG

Professor
Department of Computer Science and Engineering
Teegala Krishna Reddy Engineering College, JNT University,
Hyderabad,Telangana,India.

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Summary

➢ Having Total 18 Years of experience in Teaching and Research.
➢ Strong interpersonal and oral/written communication skills. A Self-starter with a positive attitude, willingness to learn new concepts.

Educational Qualifications:

➢ **Pursuing Post Doctoral Fellowship from Srinivas University, Mangalore, Karnataka, India**

➢ **Ph.D (Computer Science & Engineering) From Sri Sathya Sai University of Technology and Medical Sciences,Sehore, Bhopal in September-2018.**

➢ **M.Tech(Computer Science& Engineering) from Anurag Engineering College, Kodad, J.N.T University, Hyderabad in March 2011.**

➢ **B.Tech (Computer Science& Information Technology) from RGMCET Nandyal, J.N.T University, Hyderabad in 2003.**

➢ **Intermediate from Board of Intermediate in 1998.**

➢ **SSC from Board of Secondary Education in 1995.**

Teaching and Research Experience:

Total 18 Years of Experience:

➤ Working as **Professor** at Teegala Krishna Reddy Engineering College, Hyderabad under JNTU Hyderabad Telangana, India. From April 2019 to till date.

➤ Worked as an **Assistant Professor** at **St Mary's Engineering College, Hyderabad, Telangana, India.** from Jan 2011 to April 2013.

➤ Worked as an **Assistant Professor** at **Anurag Engineering College, Kodad, Telangana, India.** from May 2008 to Nov 2008.

➤ Worked as an **Assistant Professor** at **Vidya Bharathi Institute of Technology**, Pembarthi, Jangaon, Warangal (dist), Telangana, India. Since June 2004 to April 2008.

➤ Worked as **an Assistant Professor** at **RGMCET Nandyal**, Kurnool (dist), India. Since December 2003 to June 2004.

Research Papers Published:

1. M.Dhasaratham, Pardeep Kumar, Punna Mahesh Kumar, R.Kameshwar Reddy, Angoth Lakshman Published a paper on "Multi-objective optimization of AI driven mechanism algorithm for dynamic application deployment in federations of edge computing" in International Journal of Neuro Quantology, Volume 20, Issue 10, August 2022. ISSN: 1303-5150. **(Scopus)**

2. M.Dhasaratham, J.Praveen kumar, Sarangam Kodati Published a paper on "Software Fault Prediction Using in Machine Learning" in International Journal of Control and Automation, Volume 13, Issue 1, August 2020. ISSN: 2005-4297. **(Scopus)**

3. M.Dhasaratham, Dr R Vivekanandam Published a paper on "Design a Novel Ad-Hoc BOINC Data Processing and Cloud Computing Interface" in International Journal of Design Engineering, Issue 09, Year 2019. ISSN: 0011-9342. **(Scopus)**

4. Dr.M.Dhasaratham, V.Pranavi, I.Satya Janaki, V.Pradeep, Dr.Rajaram Jatothu Published a paper on "Real Time Phishing Attack Detection using Machine Learning" in International Journal for Modern Trends in Science and Technology, Volume 8, Issue 07, July 2022. ISSN: 2455-3778.

5. Dr. Dhasaratham, Sindhu, Rakesh, Vinay Raj, Revanth Published a paper on "A Software Defined Network based Security Assessment Framework for CloudIOT" in

Journal of Information and Computational Science, Volume 12, Issue 6-2022. ISSN:1548-7741

6. M.Dhasaratham, K.Indureddy, B.Praveen Kumar, B.Praveen Yadav Published a paper on "Predicting Drug Risk Level From Adverse Drug Reaction Using Machine Learning" in TIJER(Technix International journal for Engineering Research), Volume 9, Issue 6, June -2022. ISSN:2349-9249

7. Rajaram Jatothu, Abhinay Pasupuleti, Sri Vidya Pottipochala, Karthik, M.Dasharatham Published a paper on "Recognizing Human Activity from Mobile Sensor Data Using Recurrent Neural Networks" in JICR(Journal of Interdisciplinary Cycle Research), Volume 14, Issue 6, June -2022. ISSN:0022-1945

8. Dr. Rajaram Jatothu, VRuthvika Reddy, T Yashwanth Raj, ThatikondaRajesh, Dr.M.Dashasaratham Published a paper on "Effect of Security Protocols on the Presentation of SNMP" in JICR(Journal of Interdisciplinary Cycle Research), Volume 14, Issue 6, June -2022. ISSN:0022-1945

9. Dr.M.Dhasaratham, Dr.J.Rajaram Published a paper on "Distributed Hybrid AODV Algorithm for Path Concern in MANET Using Bio Inspired Techniques" International Journal of Adv Research in Dynamical & Control Systems, Vol. 11, No. 1, 2019, ISSN 1943-023X.**(Scopus)**

10. M.Dhasaratham, Dr.RP Singh Published a paper on "A survey on data anonymization using map reduce on cloud with scalable two-phase top-down approach" International Journal of Engineering & Technology (IJET), *7 (2.20) (2018) 254-259.* **(Scopus)**.

11. Dr. M. Dhasaratham, K.Mounisha, M.Saketh Sharma, A.Likhita published a paper on "Criminal investigation analysis using ID3 a machine learning algorithms" The International Journal of Analytical and Experimental Model Analysis, Vol. XII, Issue V, May/2020, ISSN NO: 0886-9367.

12. M.Dhasaratham, Dr. RP Singh Published a paper on "Enhanced Security for data sharing in clouds through policy and access control management" International Journal of Research in Advanced Computer Science Engineering, Vol. 3, No. 6, November 2017, ISSN 2454-423X.

13. Dr. M Dhasaratham, Dr. J Rajaram, Durasa Deksisa Geleto, Fayisa Dekebi Tusamo Published a research paper on "Low Resolution image Improvement of Aerial images using SCIKIT Tools" The International Journal of Analytical and Experimental Model Analysis (IJAEMA), Vol. 8, Issue No. 6, June 2021, ISSN no: 08886-9367.

14. Ali Mohammed Hussen, Dr. M Dhasaratham, Published a research paper on "Improving Practical Skills on the Course Computer Networking and Programming in Ethiopian Universities" The International Journal of Analytical and Experimental Model Analysis (IJAEMA), Vol. 8, Issue No. 5, May 2021 ISSN no: 08886-9367.

15. M.Dhasaratham, Mubeena Shaik, Naseema Shaik Published a paper on "Data mining concepts with customer relationship management" International Journal of Engineering Research and Applications www.ijera.com ISSN: 2248-9622, Vol. 4, Issue7(Version 6), July 2014, pp.98-100.

16. M.Dhasaratham Published a paper on "A Report of the privacy in Data mining: Speakers Survey" International Journal of Innovative Science and Modern Engineering (IJISME) ISSN: 2319-6386, Volume-2, Issue-4, March 2014.

17. M.Dhasaratham, Dr.RP Singh Published a paper on "Cloud based multimedia resource allocation using PBRA" International Journal of Research in Advanced Computer Science Engineering, ISSN: 2454-6423X, Volume-3, Issue-6, November 2017.

18. M.Dhasaratham, Dr.RP Singh Published a paper on "Evaluating the performance speed of multiple protocols for ad-hoc networks" International Journal of Engineering Development and Research© 2017 IJEDR | Volume 5, Issue 4 | ISSN: 2321-9939.

19. M.Dhasaratham, Dr.RP Singh Published a paper on "Ad-Hoc Data processing and its relation with cloud computing process using functional approach" International Journal of Engineering Development and Research| © 2017 IJEDR | Volume 5, Issue 4 | ISSN: 2321-9939.

20. M.Dhasaratham, Dr.R Vivekanandam Published a paper on "Analysis of big data in Cloud computing system based on ad-hoc data processing" Journal of Applied Science and Computations, ISSN NO: 1076-5131

International Conferences:

1. Dr.M.Dhasaratham presented a Paper in 6th International Symposium on Computational Intelligence 1st and 2nd November2019 Paper on "Scope of Visual Based Similarity Approach Using Convolution Neural Network on Phishing Website Detection" in CMRTC, Hyderabad, India, and ISBN: 21945357. **(Springer)**

2. Dr.M.Dhasaratham presented a Paper in 5th International Conference on Technical Advancements in Computer Science and Engineering (ICTACSE -2019) Paper on "Theoretical Research on NTBS Protocol: Its Implementation and Possibilities in Nibble bits for VANET Security" in MRECW, Hyderabad, India, ISBN: 978-93-88808-47-7. **(Scopus)**

National Conference:

1.Dr.M.Dhasaratham presented a Paper National Conference on Productivity, Quality, Reliability, Optimization and Computational Modeling(PQROCM) Paper on Analysis of heart disease data using K-means clustering algorithm in Orange Tool, organized by Dept of CSE and IT held on 18th to 20th December 2019 at SRKE Engineering College Bhimavaram, India, ISBN: 978-93-88808-47-7. **(Scopus)**

FDP AND WORKSHOPS:

1. Successfully Completed Two-week Online Refresher Course on "**Internet of Things**" Conducted by University Grants Commission Human Resource Development Centre (HRDC) Jawaharlal Nehru Technological University Hyderabad, Telangana State (India), UGC - SPONSORED Refresher Course held from 22/08/2022 to 05/09/2022 and successfully completed with **A+ Grade.**

2. Successfully Completed Online (50 Hours/ 15 days) Faculty Development Programme on **Data Science & It's Applications in STEM** (under TEQIP-3) Conducted by Andhra University College of Engineering(A), Andhra University and University Engineering College-Vizianagaram, JNTUK, Kakinada in Association with APSCHE (Andhra Pradesh State Council for Higher Education) from 07th to 21st September 2020.

3. Successfully Completed MEITY, Government of India, Sponsored One week Faculty Development Program (FDP) on "**INTERNET of THINGS**" organized by E&ICT Academy, NIT Warangal at Teegala Krishna Reddy Engineering College, Hyderabad from 2nd Jan to 7th January, 2020.

4. Successfully Completed AICTE (All India Council for Technical Education) sponsored One-week STTP Program on **Advanced Deep Learning Techniques with**

Python conducted during 31st August to 5th September 2020 at Anurag Group of Institutions, Hyderabad, India. Sponsored by AICTE (All India Council for Technical Education).

5. Successfully completed AICTE (All India Council for Technical Education) Sponsored Six Days Short Term Training Programme in "**Internet of Things, Big Data Cloud-IDBC2020-PHASEII**" Organized by Department of Information Science and Engineering, CMR Institute of Technology, Bangalore-560037, held from 17th August -22nd August, 2020.

6. Successfully Completed in MEITY, Government of India, Sponsored One week Faculty Development Program (FDP) on "**Blockchain Technology-The Trust Of Cybersecurity**" organized by E&ICT Academy, NIT Warangal at TKR Engineering College, Hyderabad from 3rd -8th February, 2020.

7. Successfully Completed Two-week Faculty Development Program on "**Advanced Data Science and Applications**" organized by Malla Reddy Engineering College for Women during 17th to 28th August, 2020.

8. Successfully Completed One-week International Faculty Development program (IFDP) on "**Emerging Trends & Technologies in Data Science**" Organized by Department of Computer Science and Engineering, GMR Institute of Technology, Rajam, Andhra Pradesh from 24th -29th August,2020

9. Successfully Completed All India Council of Technical Education (AICTE) Sponsored One-week Short Term Training on "**Recent Trends In Wireless Sensor Networks & Applications**" organized by Malla Reddy Engineering College for Women during 31ST August to 5th September, 2020.

10. Successfully Completed Two week Faculty Development Program on" **Data Science and Its Research Confronts**" From 2nd to 13th January, 2020 at Jayamukhi Institute of Technology&Science, Narsampet,Warangal,Telangana,India.Sponserd by AICTE(All India Council for Technical Education).

11. Successfully Completed Two-week Faculty Development program on **Cyber Security, Cryptanalysis and Security for Physical Infrastructure**, Under DST (Department of Science And Technology), Government of India, from 9th To 20th December 2019 at GNITC, Hyderabad, India.

12. Successfully Completed AICTE (All India Council for Technical Education) sponsored One-week STTP Program on **Machine Learning and Its Applications** conducted during 18th to 23rd November 2019 at Anurag Group of Institutions, Hyderabad, India.

13. Successfully Completed One-week International Workshop on "**Accelerate Research**" at Anurag University, Hyderabad, from 22nd to 26th September 2020.

14. Successfully Completed One week Faculty Development program on "**Artificial Intelligence using Python**" at TKREC, Hyderabad, from 14/09/2020 to 19/09/2020.

15. Successfully Completed One week Faculty Development program on "**Outcome Based Education**" at TKREC, Hyderabad, from 1st July to 6th July 2019.

16. Attended One day National level workshop on "**Data Science**" on 18th May 2019, organized by School of Information Technology, JNTUH, Hyderabad.

17. Attended 1st International Conference on **Advances in Soft Computing & Communication Technologies** (ICASCCT 2014)" 27,28 August 2014, at Vignan Institute of Technology & Science, Hyderabad, India.

18. Attended ISTE One Week Workshop on "**Introduction to Research Methodologies**" Under the National Mission on Education through ICT (MHRD, Government of India) 25th June to 4th July 2012, Conducted by IIT BOMBAY.

19. Attended one day work shop on **information security** education and awareness program on 23-6-2012 conducted by C-DAC at St.Mary's, Hyderabad.

20. Attended Two-day National Level Seminar on **Network Security Organized** by Annamacharya Institute of Technology & Sciences, Hyderabad, 7th & 8th June, 2011 Sponsored by AICTE (All India Council for Technical Education)- New Delhi.

21. Successfully Completed Faculty Development Program on **ASP.NET** conducted by Microsoft Global Technical Support Centre, Bangalore (8th-12th March, 2010).

ACADEMIC TEXT BOOKS:

➤ **Published a Text Book "The C++ Object Oriented Programming", on 28th February 2020 by Dr. M. Dhasaratham**.

https://notionpress.com/read/the-c-object-oriented-programming

➤ Publishing a Text Book on **Data Analytics**, SMT Dhanalakshmi Koppuravuri GCS Publishers ISBN: 978-81-959790-7-3, on 12th December, 2022.

PATENTS:

- **Smart Bed in Village PHC / Home with Integrated Internet of Things for Remote Health Monitoring (Application No: 202041042941)**
- **IoT, AI Based Implementation of smart Surveillance System with Facial Recognition and Image- processing approach (Application No: 202241006245)**

AWARDS:

- IRSD Green Thinker Z "**Outstanding Educator Award-2019"** at 4th International Convention on Interdisciplinary Research for Sustainable Development held at Confederation of Indian Industry (CII) Chandigarh (UT), India.
- **"Best College Level Teacher of the Year"** Award during the RACE- 2020' Bangkok Award @ 28 October 2020 organized through Google meet platform by IARDO (International Association of Research and Developed Organization Award)
- **"Innovative Research & Dedicated Academician Award"** on 26th June 2022, From the Innovative Global Scientific Researchers Educationalist-Professionals Awards & Fellowship Honors Convocation 2022.

MEMBERSHIPS:

- **Life Member of The Society of Innovative Educationalist & Scientific Research Professional (SIESRP) as Senior Fellow (SFSIESRP), Regd.No: LMSF22061040**
- **Membership of the International Association of Engineers (IAENG)**
- **Lifetime Membership International Society for Research and Development (ISRD)**
- **Membership with Computer Society of India (NO: 01164291).**
- **Membership with Computer Science Teachers ASSOCIATION**

EDITORIAL BOARD MEMBER AND REVIEWER:
- Hon. Editorial board member of JAMAER- Journal of Automotive Mechanical & Aerospace Engineering Research ISSN: 2229-9270

- ➢ Hon. Editorial board member of JEECER- Journal of Electrical, Electronics & Computer Engineering Research ISSN: 2229-9289

- ➢ Hon. Editorial board member of JETMS- Journal of Engineering Technology & Management Science ISSN: 2229-9254

- ➢ Hon. Editorial board member and Reviewer of International Journal of Progressive Research in Engineering Science and Technology (IJPREST).

- ➢ Hon. Editorial board Member-Consulting Editor of JETR-Journal of Engineering Technological Research, ISSN NO: 2229-9262

- ➢ Hon. Editorial board member of Technology Today: ISSN:2180-0987

- ➢ Hon. Editorial board member of The Technology World: ISSN: 2180-1614

- ➢ Hon. Editorial board member of Engineering Today: ISSN: 2180-0995

Workshops organized:

- ➢ Organized One Day National Level Workshop on Information Security Education and Awareness Program on 23-6-2012 conducted by C-DAC at St.Mary's, Hyderabad.

Administrative Positions:

- ➢ Working as President for Institute of Innovation council (IIC) from 2022-Tildate, Teegala Krishna Reddy Engineering College.
- ➢ Board of studies (BOS) Chairmen for Computer Science and Engineering from 2021 to till date.
- ➢ Worked as NBA 5th criteria for CSE Department at Teegala Krishna Reddy Engineering College and got NBA accreditation (2021) for three years.
- ➢ Mini and Major projects- Review Coordinator in Teegala Krishna Reddy Engineering College.

Achievements:

- ➢ Conducted Foundation Program Classes Sponsored by Infosys on behalf of Campus Connect at St.Mary's Engineering College.
- ➢ Handled the Foundation Program Classes at St. Mary's Engineering College.
- ➢ Organized the Industrial Visits at St. Mary's Engineering College.

Guided:

- ➢ Guided 09   PG Students.
- ➢ Guided 58 UG Students.

Personal Profile:

Father's name   :   Shakru

Date of Birth   :   12-07-1979.

Languages Known   :   English, Hindi and Telugu.

Nationality   :   Indian.

Religion   :   Hindu.

Permanent Address :   H. No.9-10-3/ST/25,Surya Township, Roshandowla, Balapur,

Saroor Nagar, Hyderabad, Telangana, India. PIN:500079.

REFERENCES:

1. **Dr. B.V.Ramnaresh Yadav**, Professor& Head of CSE, JNTUJNTUH, Telangana, India.

   Email: bvramnaresh@gmail.com   Phone: +919490685386

2. **Dr. E. Suresh Babu**, Asst.Professor, NIT Warangal, Telangana, India.

   Email:esbabu@nitw.ac.in   Phone: +919440959713.

3. **Dr. P. Vijaypal Reddy,** Professor & Head in Matru Sri Engineering College, Osmania University, Saidabad, Hyderabad, Telangana. India.

   Email: drpvijayapalreddy@gmail.com

   Phone: +918977207889

I hereby declare that the above-mentioned information is true, complete & correct to the best of my knowledge and belief.

Date   :19-17-2022
Place   :Hyderabad, India.   **(Dr.M. Dhasaratham)**