DR.I.MANIMOZHI

ASSOCIATE PROFESSOR / AI& ML EDUCATOR

DEPARTMENT OF CSE

PROFILE

CONTACT & LINKS

Respectfulness, Determination and Ambitious driven faculty in the Department of CSE, with 20 years of experience in teaching UG & PG Students. I'm always looking for an opportunity to do better and achieve greatness.

- Certified Artificial Intelligence & Machine Learning Educator in Oracle Academy
- Subjects Handled: Machine Learning, Artificial Intelligence Object Oriented Modelling & Design, CPS, Networks, IOT, Data Structures, Unix system Programming, Microprocessor , Design & Analysis of Algorithms, Image processing, Natural Language Processing etc.
- Skills: Research & Development Projects , Creative Content Designer, Content Writer, Organiser ,Research Publication work

Email ID:
drmanimozhi.i@eastpoint.c.in

LinkedIn
https://www.linkedin.com/in/dr-manimozhi-iyer-b6757136/

Blog
https://mozhiiyer.blogspot.com/

EDUCATIONAL QUALIFICATIONS

PROFESSIONAL EXPERIENCE

Ph.D in Computer Science & Engineering – M S University -2019
M.E in Computer Science & Engineering – M S University -2004
B.E in Electrical & Electronics Engineering – M K University -1998

Teaching Experience: 20 years
Industry Experience:1
Total: 21years

INSTITUTION/DEPARTMENT RESPONSIBILITIES

RESEARCH AREA/SPECIALISATION/ RESEARCH GRANTS/ PROJECTS IF ANY

- NBA Coordinator
- Program Assessment Coordinator
- IEEE Coordinator
- AI & ML Coordinator in Oracle Academy
- IQAC Coordinator
- Research & Development member
- Automated CO — PO Attainment in Excel format
- Event Organiser for College and Department Level
- Mentor

Specialization:, Machine Learning ,Image Processing , IOT
Research Interest: Machine Learning & Artificial Intelligence, Natural Language Processing, Health Informatics
Guided as mentor with student team & received 5000 from SPP program at KSCST -2018
Guided as mentor with student team & received 5000 from SPP program at KSCST -2019
Guided as a mentor with students team for Smart India Hackthon SIH 2019 & received 1Lakh Cash award

ACHIEVEMENTS/ACCOMPLISHMENTS/AWARDS/RECOGNITION/ GUEST LECTURES DELIVERED

Research Proposal Submission

- Dr.I. Manimozhi & Dr. T K Sateesh submitted Research proposal "Effective Antibiotic Analysis for COVID-19 Pandemic Using Randomized Multivariable Drugs Resistance Machine Learning Model to SERB CORE GRAND under DST with Rs 2610000 in March 2021 at EPCET

- Dr. I. Manimozhi & Dr. T K Sateesh submitted Research proposal on Centre of Excellence (COE)"Effective Antibiotic Analysis for COVID-19 Pandemic Using Randomized Multivariable Drugs Resistance Machine Learning Model to VGST with Rs 2386000 in February 2021 at EPCET.

- Dr. Manimozhi & Dr. T K Sateesh submitted Research proposal on "Effective Antibiotic Analysis for COVID-19 Pandemic Using Randomized Multivariable Drugs Resistance Machine Learning Model to VTU Research Grants Scheme 2021 for University – Institute Partnership (UIP) Model with Rs 814000 in March 2021 at EPCET.

- Dr. Manimozhi & Dr. T K Sateesh submitted FDP proposal "A Practical hands on session Artificial Intelligence & Machine Learning using Python to Karnataka State Higher Education Council with Rs 56000 in March 2021 at EPCET.

Journal Publication

- Dr I. Manimozhi "Public Key Encryption With Equality Test for Industrial Internet of Things Based on Near-Ring" published in IJeC: Volume 17, Issue 3, Article 2, 2020 with indexing of WOS & Scopus

- Dr. I. Manimozhi , Prof . Sagarika Bhera "An efficient approach towards analysis and validations of machine intelligence models for pulmonary tuberculosis drugs resistance" published in Journal of critical review with Scopus indexed, ISSN- 2394-5125 pp 2916-2922

- Dr. I. Manimozhi,Prof. Manoj Challa , "An Intelligent Modified Approach towards Synthesizing Virtual Human Sign Language Text for the Hearing Impaired Communications based on OCR" Published in International Journal of Control and Automation , Scopus indexed Vol 13. No 2 pp 710-715 April 2020, impact factor 2005-4297, http://sersc.org/journals/index.php/IJCA/article/view/11213

- Dr. I. Manimozhi , Prof . Manoj Challa "Enhancing QOE in Online Video Streaming based on Random Forest Regression Prediction Towards Future Popularity of a Video" published in Test Engineering and Management " Scopus indexed March 2020, ISSN:0193-4120,pp 13109-13113,DOI:http://testmagzine.biz/index.php/testmagzine/article/view/5983/4735

Faculty development program (FDP)

- Participated FDP on "Are you IOT Ready? Join Configuration of smart home using CISCO Packet Tracer" on May 2020-2021 at JFET , Bangalore
- Participated FDP on "Descriptive statistics through R programming " on May 2020-2021 at KPRIET
- Participated FDP on "IOT & cyber security " on May 2020-2021 at CiTech , Bangalore
- Participated FDP on "Machine Learning " on June 2020-2021 at Reva University , Bangalore
- UiPath " on June 2020-2021 at SCC, Bangalore
- Participated FDP on "Introduction to virtualization using VMware and RPA using UiPath " on June 2020-2021 at SCC, Bangalore
  Workshop
- Participated workshop on "Contempory tools and Techniques for online Classes" at SJBIT on May 2020-2021 , Bangalore
- Participated workshop on Mobile App Development at CiTech on 8th –9th Mar 2021, Bangalore

- Participated workshop on Mobile App Development at SJBIT on 15th –17th Mar 2021
- Participated workshop on "Shades of Interactive online session "on June 2020-2021 at RIT, Pune.

Webinar
- Participated webinar on "Kick start your Research work May 2020-2021 at JFET, Bangalore.
- Participated webinar on "Outcome based Education "on May 2020-2021 at MLRIT, AP.
- Participated webinar on " Significance of IP Design and   Innovation & Design thinking May 2020-2021 at CMRIT, Bangalore
- Participated webinar on "Future Vision: Marriage of AI & Block chain June 2020-2021 at RIT, Pune.
- Participated webinar on " New era of Data science " on June 2020-2021 at REC, Bangalore
- Participated webinar on " Agile Teaching learning methods mapping the changing scenarios June 2020-2021 at EPCET, Bangalore

PUBLICATIONS/PATENTS/BOOKS	ASSOCIATION WITH PROFESSIONAL BODIES
- Organized as a Convener in ICMTCI 4.0 at EPCET 2020-2021 - Dr. I. Manimozhi , Dr. Manoj challa presented "An Efficient Translation of Tulu to Kannada South Indian Scripts using Optical Character Recognition" in 5th International Conference on Computing Methodologies and Communication (ICCMC 2021) 8th -10th April at Surya Engineering College - Dr. I. Manimozhi, Prof. Vishnu Priya presented "An Efficient Approach towards Translation of Tulu Written Letters to Kannada Character Based on Optical Character Recognition" in International Conference on Multidisciplinary Technologies and Challenges in Industry 4.0 (ICMTCI 4.0) September 2021 at East Point College of Engineering & Technology.	- IEEE member - ISTE Member

PROFESSIONAL COURSES COMPLETED

- Dr.I.Manimozhi certified award of final exam completed in Artificial and Machine Learning in Java Cumulative exam by Oracle Academy on 09th April 2021

- Dr.I.Manimozhi certified in Artificial and Machine Learning in Java by Oracle Academy on 09th April 2021.

- Dr.I.Manimozhi certified award of course completed in Artificial and Machine Learning in Java by Oracle Academy on 08th April 2021.

- Dr.I.Manimozhi certified award of final exam completed in Artificial and Machine Learning in Java by Oracle Academy on 09th April 2021

- Dr.I.Manimozhi certified award of course completed in Data Base Foundation (DFo) in by Oracle Academy on 08th April 2021.

- Dr.I.Manimozhi certified award of final exam completed in Data Base Foundation (DFo) in by Oracle Academy on 20th April 2021

- Dr.I.Manimozhi certified award of final exam completed in Data Base Foundation Cumulative (DFo) in by Oracle Academy on 22nd April 2021