




M.A.M. COLLEGE OF ENGINEERING AND TECHNOLOGY
Siruganur, Tiruchirappalli 621 105.
(Approved by AICTE & Affiliated to Anna University)
FACULTY PROFILE

Name	J.P.Justina	Email	justinarajasekar@gmail.com	
Qualification	B.E.(ECE)M.E(CSE)	AU Faculty Code	8120166	
Designation	Head of the Department	Mobile Number	80564-30042	
Area of Specialization	Computer Science and Engineering	Experience at MAMCET	3 years 6 months	
Experience	Academic: 7 years Industry: 6 years	Joining Date	14.07.2015.	

Education Qualification

Degree	Name of the Institution	University	Year of Passing
M.E.(CSE)	Oxford Engineering College, Trichy	Anna University, Chennai	2015
B.E.(ECE)	Shri AngalaAmman College of Engineering and Technology, Trichy	Bharathidasan University, Trichy	2001

Experience Details

Institution/ Company	Designation / Position	Duration	Experience in Years	Cumulative Experience
M.A.M.College of Engineering and Technology	Head of the Department	July 2015 to till date	3 years 6 months	7 years
Mozoon Engineering, Fujairah, UAE.	Project Engineer	Mar 2008 to Mar 2012	4 years	6 years
Julphar Computer Institute, RAK, UAE	Senior Computer Instructor	Jan 2006 to Jan 2008	2 years	
SASTRA Deemed University, Thanjavur.	Lecturer/IT	June 2002 to Nov 2005	3 years 6 months	

Publications Details

Category	Journal	Conference	Total
National	1	3	4
International	3	4	7
Consultancy	-	Total Publications	11
Product Development	-	Ph.D. Guidance	-

Workshop/Conference/FDP/Seminar Participation :

- Two Days FDP on “Introduction to PHP Programming” held at K.Ramakrishnan College of Engineering by ICTACT from 14.02.2019 to 15.02.2019.
- Two Days Hands on Workshop on “Artificial Intelligence and Deep Learning” by LeadingIndia.ai, Bennett University, Greater Noida, India held at M.A.M. College of Engineering and Technology and successfully cleared the assessment test from 10.11.2018 to 11.11.2018.
- One Day T10KL Workshop on “Koha and Library Automation” by National Virtual Library of India held at M.A.M. College of Engineering and Technology on 12.10.2018.
- Two Weeks FDP101x titled “Foundation Program in ICT for Education” by IIT, Bombay X designed as a Blended/Hybrid MOOC (Massive Open Online Course).
- Two Weeks FDP201x titled “Pedagogy for Online and Blended Teaching-Learning Process” by IIT, Bombay X
- One day National Level Workshop on “Internet of Things using Python” at Cheran College of Engineering, Karur on 27.09.2018.
- Two Days FDP on “Introduction to R Programming” held at M.A.M. College of Engineering and Technology in association with ICTACT from 27.08.2018 to 28.08.2018.
- Two days FDP on “Introduction to Internet of Things” held at K.Ramakrishnan College of Engineering in association with ICTACT from 21.12.2017 to 22.12.2017.
- Two days AICTE sponsored seminar on “Multimedia Information Retrieval” held at M.A.M. College of Engineering from 25.09.2017 to 26.09.2017.
- Two Days Hands on Workshop on Python Programming” held at Anna University, BIT Campus, Trichy from 28.08.2017 to 29.08.2017.
- One day workshop on “FOSS” at M.A.M College of Engineering and Technology, Trichy on 05.05.2017.
- One day FDP on “Secure Coding Best Practices for Safety, Security and Mission Critical Systems” by LDRA Academic Alliance Program, NIT, Trichy on 24.02.2017.
- Five days workshop on “Database Design and Programming wit SQL” in association with Oracle and ICTACT, at M.A.M college of Engineering and Technology, Trichy from 30.01.2017 to 03.02.2017
- Three days FDP Train The Trainer (TTT) on Python Programming by Infosys Limited at Saranathan College of Engineering, Trichy from 21.01.2016 to 23.01.2016 with A+ grade.
- Two days Faculty Development Workshop on “Teaching Learning Methodologies” at M.A.M. College of Engineering and Technology on 24.07.2015 to 25.07.2015.
- A workshop on “Two Days Hands on Training on Advanced OS Case Study” held at Jayaram College of Engineering and Technology, Trichy from 11.02.2014 to 12.02.2014.
- One day workshop on “Cisco Packet Tracer & GNS3” held at Oxford Engineering College, Trichy on 16.11.2013

Professional Body Membership :

- Computer Society of India (Membership No: F8001506)
- Institution of Engineers (Membership No: M-162668-4)

Awards and Achievements :

- IIIrd Anna University Rank Holder in M.E.(CSE)
- Got Elite & in the Topper of 5% in NPTEL course – Wireless Adhoc and Sensor Networks
- Got Elite & in the Topper of 5% in NPTEL course – Introduction to Internet of Things
- Delivered a lecture in the topic “Applications of Artificial Intelligence in day-to-day life” at The Institution of Engineers (India), Tiruchirapalli Local Centre on 13.11.2018.
- Successfully completed the Python Online Exam offered by the Spoken Tutorial Project, IIT Bombay through ICT, MHRD, Govt of India on 29.06.2018.
- Delivered a Guest Lecture in Artificial Intelligence at Shri Angala Amman College of Engineering and Technology on 12.03.2018.
- Successfully completed the course Python by GUVI on 28.08.2017. (Certificate No: hRSUAMT32313)
- Achieved “Appreciation of Digital Literacy” certificate conducted by ICTACT during July 2016 by DeitY, Ministry of Communications and Information Technology, GOI.
- Achieved Certificate of Appreciation for producing 100% result in Cryptography and Network Security.
- Achieved Certificate of Appreciation for producing 100% result in Information Security.

International Conferences

1. J.P.Justina, R.Keerthana (March 2018),” **Fundus Image Processing using Deep Learning Approach for Disease Prediction**” Proceedings of First International Conference on Recent Research in Engineering and Technology held at Cheran Engineering College, Karur.
2. J.P.Justina, S.Saranya (March 2018),” **Vehicular Pollution Monitoring and Control based on IOT and Web Service Approach**” Proceedings of First International Conference on Recent Research in Engineering and Technology held at Cheran Engineering College, Karur.
3. J.P.Justina (April 2015), “ **An Efficient Vision-Based Hand Beckon Perception for Physically Debilitated People using MCMC and HMM**” Proceedings of TEQIP II sponsored International Conference on “Computational Intelligence” held at Anna University, BIT Campus, Trichy.
4. J.P.Justina(March 2015),”**A Survey Analysis on Bar Code Extraction**” Proceedings of International Conference on “Advance Research in Technology and Engineering” held at Sri Ranganathar Institute of Engineering and Technology, Coimbatore.

National Conference:

1. J.P.Justina, R.Subasri,R.Rajitha,M.Soundharya (January 2019),” **A Survey on Authentication System and Information Hiding**” Proceedings of Third National Conference on Applications of Management, Research, Social Science, Engineering and Technology (ISBN 978-93-5346-428-8) held at M.A.M. B.School, Trichy.

2. J.P.Justina (Feb 2015), **"A Vision-Based Gestural Interface by SVM(Support Vector Machines)"** Proceedings of National Conference on "Advanced Intelligent Computing and Application 15" held at Meenakshi Ramaswamy Engineering College, Ariyalur.
3. J.P.Justina (Feb 2014), **"A survey analysis on: Precise Estimation of Quality of Cloud Services in Cloud Computing Service Models"** Proceedings of Second National Conference on "Networking and Communication Systems" held at Excel Engineering College, Namakkal.

International Journals:

1. J.P.Justina, S.Saranya (July 2018), **"Vehicular Pollution Monitoring and Control based on IOT and Web Service Approach"** published in International Journal of Computer Science and Engineering Communications Volume 6, Issue2 (July 2018) ISSN 2347-8586, pp 1838-1844.
2. J.P.Justina (June 2015), **"An Efficient Vision-Based Hand Beckon Perception for Physically Debilitated People using MCMC and HMM"** published in Asian Journal of Electrical Sciences Vol.4 – No 1(June 2015) ISSN 2249-6297, pp 34-44.
3. J.P.Justina (November 2014), **"A Survey Analysis on: Vision-based Hand Gesture Recognition"** Published in: International Journal of Advanced Research in Computer Science Engineering and Information Technology Volume/Issue: Vol.3 – Issue 4 (Nov 2014) ISSN_NO:2321-3337.

National Journals:

1. J.P.Justina, R.Keerthana(May 2018), **"Fundus Image Processing using Deep Learning Approach for Disease Prediction"** published in Journal of Bio-Medical and Instrumentation Engineering Volume 3 Issue 1 (May 2018) through Open Journal System (ManTech Publications).

Others:

Skill Development:

1. Rolled out a batch of 30 students in Assembly and Maintenance of PC's (Course Code: NL/S/L2/C010) L1-L2 Duration: 240 hours under Electronics System Design and Manufacturing, NIELIT, Ministry of Electronics and Information Technology, Government of India.

Book/Chapter Publications:

1. **"Problem Solving and Python Programming"**, I Semester (all branches), Charulatha Publications, July 2018.

Mentor of Change:

1. Assigned as Mentor of Change to Alpha Wisdom Vidyashram Senior Secondary School, Trichy by **Atal Tinkering Lab, NITI Aayog, Atal Innovation Mission, Government of India.**