ASSISTANT PROFESSOR
Manakula Vinayagar Institute
of Technology, Madagadipet,
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S.ASHOK KUMAR

Professional Objective:

To Acquire and share knowledge on latest technologies among the students community which enrich myself and their future.

Career profile:

To work in a healthy, innovative and challenging environment extracting the best out of me, which is conducive to learn and grow at professional as well as personal level thereby directing my future endeavors as an asset to the organization.

Educational qualification:

M.E./M.Tech: M.E. CSE from Kumaraguru College of Technology, Anna University in 2014.
B.E./BTech : B.E. CSE from Madras Institute of Technology, Anna University in 2012.

Work experience: (starting from present position)

S.No	Employer	Designation	Period of Service	Nature of Work
1	Manakula Vinayagar Institute of Technology	Assistant Professor	May 2015- Till Date	Handling both Theory and Laboratory classes. FOSS and NPTEL Co-ordinator, Dept. Library Incharge, Conduction of Value Added Courses
2	A.K.T Memorial College of Engineering and Technology	Assistant Professor	June 2014 – April 2015	Handling both Theory and Laboratory classes.

Teaching Activities: (Subjects Taught)
  (i) Under Graduate :
    Computer Programming
    Object Oriented Programming
    Data Structures
    Database Management Systems
    Computer Organization and Architecture
    Microprocessors and Microcontrollers
  (ii) Post Graduate :
    Advanced Sensor Networks
    Knowledge Management

(iii) Laboratories handled:

Computer Programming Lab

Object Oriented Programming Lab

Data Structures Lab

Database Management Systems Laboratory

Microprocessors and Microcontrollers Laboratory

Major tasks handled:

Conducted Value Added Course on Python Programming

Conducted Hands- On workshop on Web Application Development using Word Press

Guided students in coding competitions

Acted as Mentor for Hackathon-2018

Coordinator of Massive Online Open Courses

Project Guidance:

No. of B.E. Projects Guided: 04

No of M.E Projects Guided: 01

Professional Membership:

ISTE Chapter (*Membership No: LM 108597*)

Paper Publications / Presentation:

	Published	Accepted	Communicated	Total
International Journal	8			8
National Journal	-			-
International Conference	2			2
National Conference	5			5

FDP/STTP/Workshops attended:

S.no	Type of the Programme	Organized by	Period (From – To)
1	FDP on **"Big data technologies and Applications"**	Department of IT, Annamalai University. Sponsored by AICTE&ISTE	21/05/18 to 26/05/18
2	FDP on **"Embedded IOT and IOE"**	Department of ECE, MVIT	11/12/17 to 15/12/17
3	FDP on "**IoT and data analytics"**	SMVEC, Puducherry	9/11/17 to 10/11/17

4	FDP on "**Data Science and Big data analytics**"	Rajiv Gandhi College of Engineering and Technology, Puducherry	5/6/17 to 9/6/17
5	FDP on " **Datacenter Virtualization Fundamentals**"	Rajiv Gandhi College of Engineering and Technology, Puducherry	5/6/17 to 9/6/17
6	Workshop on "**Understanding Mathematics in Engineer perspective**"	SMVEC, Puducherry	9/11/17 to 10/11/17
7	FDP on " **Cloud Infrastructure and Services**"	ICT Training Academy, Puducherry.	07/11/16 to 12/11/16
8	FDP on " **Datacenter Virtualization Fundamentals**"	ICT Training Academy, Puducherry.	30/05/16 to 01/06/16
9	Workshop on "**Understanding Mathematics in Engineer perspective**"	ECE department, MIT, Puduchery	16/02/16 to 17/02/16
10	FDP on "**Advanced Teaching Techniques**"	ICT Training Academy, Puducherry.	25/5/15 to 27/5/15
11	FDP on "**Cloud Computing**"	ICT Training Academy, Puducherry.	08/6/15 to 17/6/15
12	FDP on "**Web designing and Scripting**"	ICT Training Academy, Puducherry.	24/11/15 to 28/11/15
13	Workshop on "**Cloud Computing**"	Kumaraguru College of Technology, Coimbatore.	07/04/14
14	TEQIP-II sponsored workshop on "**Cyber Security**"	PSG College of Technology, Coimbatore.	08/08/14 to 09/08/14
15	FDP on "**Linux and Open Source Tools**"	Department of CSE, Kumaraguru College of Technology	27/1/14 to 29/1/14
16	Workshop on "**Get Wired to the Wireless World**"	MIT Campus, Anna University, Chennai.	06/02/14
17	Workshop on " **Network Simulation using NS2(HANDS-ON TRAINING)**"	Anna University, Regional Centre, Coimbatore	12/11/13 to 13/11/13

International Conferences:

1. Presented a paper titled "**Flow Balanced Routing in Wireless Sensor Networks**" in the International conference at AVS Engineering College held on 8th and 9th April 2014.
2. Presented a paper titled " **Modernized face learning approach over facial classes**" in the International conference on Recent Research in Engineering at S.K.R Engineering college held on 31st March 2016.

International Journal:

1. Published a paper titled "**A Survey on Flow Balanced Routing in Wireless Sensor Networks**" in International Journal of Technology Enhancements and Emerging Engineering Research with e-ISSN 2347-4289

2. Published a paper titled "**Flow Balanced Routing in Wireless Sensor Networks**" in International Journal of Research in Engineering and Technology with e-ISSN 2319-1163 and p-ISSN 2321-7308 having the impact factor of 1.962.

3. Published a paper titled " **Modernized face learning approach over facial classes**" in International Journal of Emerging Technology in Computer Science and Engineering with ISSN: 0976-1353.

4. Published a paper titled " **Hybrid Collaborative Filtering to Develop a Prediction Accuracy Using Location Aware Recommendation System** " in International Journal of Advanced Research in Computer Science and Software Engineering   with ISSN: 2277 128X.

5. Published a paper "**Prediction accuracy for the recommendation of services based on User Reviews**" in IJRRASE,Vol.8. No.1 –2016 Pp.231-243

6. Published a paper "**Metadata management system for E-learning objects using cloud**" in MECS publisher-IJIEEB, 2016, 3, 67-74, DOI: 10.5815/ijieeb.2016.03.08.

7. Published a paper titled " **Prevent user data in social network using Access Control Strategy** " in International Journal of Engineering Science and Computing(IJESC) on April 2017, Volume:7,Issue 4

8. Published a paper titled "**Personal Identification using Knuckle**" in International Innovative Research Journal of Engineering and Technology(IIRJET) with ISSN: 2456 – 1983

National Conferences:

1. Presented a paper titled "**Metadata Management system for E-learning objects using cloud**" in 7th national conference at SNS College of Technology held on 14th February 2013.

2. Presented a paper titled "**Enhancing the performance of searching using tree construction and merging algorithm**" in TCS sponsored national conference at Sri Krishna College of Engineering and Technology held on 8th and 9th March 2013.

3. Presented a paper titled "**Energy efficient data collection in Wireless sensor networks**" in national conference at SNS College of Engineering held on 10th April 2013.

4. Presented a paper titled "**A Survey on Flow Balanced Routing in Wireless Sensor Networks**" in national conference at Bannari Amman Institute of Technology held on 27th and 28th February 2014.

5. Presented a paper titled "**Energy Balanced Routing for minimizing End-to-End delay in Wireless Sensor Networks**" in national conference at R.M.K Engineering College held on 10th March 2014.