

Name : N.LAKSHMI KALYANI  
Designation: Assistant Professor  
Department :Computer Science and Engineering  
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Experience (in years): 9 Teaching: 4 Research: NIL Others(if any, specify): 5  
Yindustry

### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	MTECH	2014	CSE
2	BTECH	2006	IT
3	Ph.D	Pursuing	AI

### 2. Teaching and Learning:

- 2.1. Teaching Interests: C Programming, JAVA Programming , Software Engineering and unified modeling language
- 2.2. Novel Teaching & Learning Techniques adopted: WIT & WIL, Simulation and PPT's
- 2.3. Involvement in curriculum updating / Design: Augmented Reality and Virtual Reality

### 3. Co-curricular and Extra-Curricular Activities

#### 3.1. Interests and Hobbies:

- Browsing new technologies
- Watching TV

3.2. CCA/ECA Organized: Mentor OFFLINE Microsoft WISE Program.

3.3. CCA/ECA participated: NIL

3.4. Counseling and Mentoring Activity: Mentoring 1<sup>st</sup> year 2<sup>nd</sup> Year ,3<sup>rd</sup> year and 4<sup>th</sup> Year students

#### 3.5. Committees involved in:

Department level: Research

Institute Level: Research

### 4. Conference / Workshop / Seminar / Guest Lectures :

4.1. Conducted: NIL

4.2. Attended:

- Attended Work shop on
  1. BIGDATA AND HADOOP
  2. Machine Learning and Artificial Intelligence using Python.
- Attended Online Course on “Developer Program with JAVA and RDBMS”

- Attended FDP on
  1. Data Analytics in R Programming,
  2. Augmented Reality(AR)/Virtual Reality(VR)-(AICTE)
  3. Introduction to Internet of Things – (NPTEL)
  4. Python for Machine Learning
  5. Mathematics for Data Science
- Attended Work shop on “ Cognitive Science and Augmented Reality”

### 5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Recourse Person on” Hands on IOT Devices Using Raspberry Pi” FDP  
 “Sensor networks, Internet of Things and Internet of EveryThing”

5.2. Articles/Chapters published in Books: NIL

5.3. Books published as single author or as editor: NIL

5.4. Projects Guided:

a) UG: 7

b) PG: 1

5.5. Research Interests:AI, Sensor Networks (IOT) and Cloud Computing, Virtual Reality and Augmented Reality.

5.6. Ph.D. students: NA

a) Enrolled:

b) Submitted:

c) Awarded:

5.7. Papers published in reviewed journals: 1

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Efficient Water Quality Monitoring System	International Journal of Innovations & Advancement in Computer Science(IJIACS)- Volume 6, Issue 10	ISSN 2347 – 8616	2.65	International
2	Representation Knowledge through Ontology for swine Flu Disease in	IJPHRD	ISSN 0976-5506	0.1	International

	Semiard Tropical Region				
3	Querying the dataset from developed ontology for swineflu Disease	Medico Legal Update	ISSN 0973-1283	2.1	International
4	Chatterbot implementation using Transfer Learning and LSTM Encoder-Decoder Architecture	International Journal of Emerging Trends in Engineering Research	ISSN 2347 - 3983	3.2	International
5	Analysis of Mammography for Identifying Cancer Cells using Convolution Neural Networks	International Journal of Advanced Trends in Computer Science and Engineering	ISSN 2278-3091	3.2	International
6	Nature Inspired Binary Grey Wolf Optimizer for Feature Selection in the DETECTION of NEURODEGENERATIVE (PARKINSON) DISEASE	International Journal of Advanced Trends in Computer Science and Engineering	ISSN: 2278-3091	3.2	International
7	Soil synthesis and identification of nitrogen percentage in soil using machine learning algorithms and augmented reality – a typical review	International Journal of Emerging Trends in Engineering Research	ISSN: 2347-3983	1.2	International

5.8. Papers presented at National / International Journals: 1

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Efficient Water Quality Monitoring System	International Journal of Innovations & Advancement in Computer Science(IJIACS)- Volume 6, Issue 10	ISSN 2347 – 8616	15th October 2017
2	Machine Learning Model-based Prediction of Flight Delay	2020 Fourth International Conference on I-SMAC (IoT in Social, Mobile,	International	2020

		Analytics and Cloud)(I-SMAC)		
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5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
1	Development of effective Wireless Sensor Network System for Water quality and Quantity monitoring (AquaSense)	Information Technology Research Academy, Department of Electronics and Information Technology.	3 Years Rs.	30,18,000	Completed
2	Driver Safety Index through Integrated Computing System(DSI2CS).	Drive Lozics	3 Years	Rs. 7,00,000	Completed
3	Driving Simulator for Indian Environment	X_Design Ventures Pvt. Ltd	2 Years	Rs. 75,98,000	Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
1	Developing VR Tours for Warangal Heritage Places	KUDA	1 Year	10,0000	Completed

6. Awards / Honors received: NIL

**7. Motto:** Education is the best friend. An Educated Person is respected everywhere  
Education Beats the beauty and youth.