

## Faculty Profile

A.Anandh, Associate Professor  
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Educational Qualification			
Degree	Class & %	Institution	Year
Ph.D	Information and Communication Engineering	Anna University, Chennai	Pursuing
M.E. (Computer Science & Engineering)	79%- First Class with Distinction	Manonmanium Sundaranar University University Department, Tirunelveli.	2004-2007
MBA	56% - Second Class	Madurai Kamaraj University, University Department, Madurai	2001-2004
B.E	66.67% -First Class	National Engineering College, Kovilpatti	1989 -1993

Experience			
Name of the College	Designation	Period	No.of.Years
SivanthiAditanar College, Pillayarapuram	Lecturer	July 1995 to Aug 2006	11 Years
Lord Jegannath College of Engineering and Technology	Assistant Professor	Aug 2006 to Jul 2009	3 Years
Kamaraj College of Engineering and Technology, Virudhunagar	Assistant Professor	Aug 2009 to May 2014	4 years 9 months
Kamaraj College of Engineering and Technology, Virudhunagar	Associate Professor	June 2014 to Till Date	5 years 1 month

## **Area of Specialization**

- Digital Image Processing
- Pattern Recognition
- Machine Learning

## **Publications**

- Paper entitled as “Content Based Image Retrieval System based on Semantic Information Using Color, Texture and Shape Feature” has been published at IEEE Xplore Digital Library on September 2016.
- Paper entitled “Smart Street Light System with Air Pollution Monitoring” published in International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST), ISSN(Online) : 2456-5717 19, Vol. 3, Special Issue 36, March 2017

## **Conferences**

- Presented a paper on “Lossless Compression of Bayer Pattern Images” in the National conference on Advanced Techniques in Instrumentation, Control & Communication Engineering sponsored by DRDO and organized by St. Peter’s Engineering College, Avadi, Chennai held on November 24<sup>th</sup> January 2007.
- Presented a paper on “Content Based Image Retrieval System based on Dominant Color features and Semantic Information” in the International conference on Computing, Cybernetics and Intelligent Information System (CCIIS’ 2013) organized by VIT School of Computing Science and Engineering held on November 21 – 23, 2013.
- Presented a paper on “Content Based Image Retrieval System based on Semantic Information Using Color, Texture and Shape Feature” in the IEEE International Conference on Computing Technologies and Intelligent Data Engineering (ICCTIDE’16) organized by National Engineering College, Kovilpatti held on 7-9 Jan 2016.
- Presented a paper on “Content Based Image Retrieval System based on Semantic Information Using Dominant Color and Perceptual features” in the International conference on Sustainable Developments in Science, Engineering Technology and Humanities (ICSETH 2016) organized by PSN Engineering College held on 10<sup>th</sup> March 2016.
- Presented a paper on “Home Automation Using IoT and Chatbot” in the International Conference on Information Sciences and Renewable Energy Sources (ICISRES – 2K19) organized by Selvam College of Technology, Salemi held on 7-8 March 2019.
- Presented a paper on “Mining and Analysis of Apps in Google Play Store Using Predictive User Context” in the International Conference on Information Sciences and Renewable Energy Sources (ICISRES – 2K19) organized by Selvam College of Technology, Salemi held on 7-8 March 2019.

### **AICTE Sponsored SDP Program**

- Attended the All India Council for Technical Education, New Delhi sponsored Staff Development Programme on “Cryptography and Network Security”, organized by Department of Information Technology, Sri Shakthi Institute of Engineering and Technology, Coimbatore from 28.05.2007 to 8.06.2007
- Attended the All India Council for Technical Education, New Delhi sponsored Staff Development Programme on “Knowledge Discovery and Data Mining (KDD – SDP 2007)”, organized by Department of Information Technology, Sri Shakthi Institute of Engineering and Technology, Coimbatore from 3.12.2007 to 14.12.2007

### **FDP/Seminar/workshop/Short Term Course Attended**

- Attended one day seminar on Quality Awareness in Educational Institutions through ISO organized by Lord Jegannath College of Engineering and Technology, Ramanathichanputhur on 16<sup>th</sup> September 2006.
- Participated in the one day workshop on LCA-Cutting Edge Technologies, organized by Aeronautical Development Agency (ADA), DRDO, Ministry of Defence. Govt. of India at Lord Jegannath College of Engineering and Technology, Ramanathichanputhur on 28<sup>th</sup> February 2009.
- Participated in two days Technical Seminar on Mobile Networking and Computing held at Mepco Schlenk Engineering College, Sivakasi on 29<sup>th</sup> and 30<sup>th</sup> January, 2010.
- Participated in two days skill based training program on J2EE and Best Practices in Application Development organized by ICT Academy of Tamilnadu in association with Cognizant Technology Solutions and Tata Consultancy Services held at Anna University, Tirunelveli on 25<sup>th</sup> and 26<sup>th</sup> February, 2010.
- Participated in the AICTE, New Delhi Sponsored Staff Development Programme on Prospective Issues and Met
- Attended the two days Faculty Development Programme on Mathematical Model for Engineering Problems conducted by Department of Information Technology and Department of Mathematics on 24<sup>th</sup> and 25<sup>th</sup> May 2010 held at Kamaraj College of Engineering and Technology, Virudhunagar.
- Attended a one day workshop on “Research Opportunities at CVRDE” held on 6<sup>th</sup> April, 2011 at Anna University of Technology, Tirunelveli.
- Attended the workshop on “Wavelet & Sparse Signal Representation – Research Focus”, held on 30<sup>th</sup> September & 1<sup>st</sup> October, 2011 at Department of Information Technology, Thiagarajar College of Engineering, Madurai.
- Attended a two days National Level workshop on “Digital Image Processing and its Applications” held from 27<sup>th</sup>, 28<sup>th</sup> January 2012 at Department of Computer Science and Engineering, Cape Institute of Technology, Levingipuram.
- Participated in the Faculty Development Programme on A Complementary Essentials of Matlab & Labview – Theory and Practice organized by IEEE Madras Section at V.M.K.V Engineering College, Salem during 9<sup>th</sup> & 10<sup>th</sup> May 2012.

- Participated in Train The Trainer (TTT) Workshop on “FP Training Tools and Methodologies” conducted by Infosys Limited at Kamaraj College of Engineering and Technology, Virudhunagar from 27<sup>th</sup> to 29<sup>th</sup> September, 2012.
- Participated in the Faculty Enablement Program (FEP) held at S.R.R.Engineering College, Chennai from 4<sup>th</sup> March, 2013 to 8<sup>th</sup> March, 2013 conducted by Infosys Limited, Chennai.
- Attended ‘FEEL Teacher’ Learning and Development Intervention program organized by College for Leadership and Human Resource Development held on 10<sup>th</sup> July 2013, at Kamaraj College of Engineering and Technology, Virudhunagar.
- Attended a three days’ workshop on “Biometrics Image Processing and Video Analytics Hands-On Practice” held from 27<sup>th</sup>, 28<sup>th</sup> November and 1<sup>st</sup> Dec 2014 at Department of Computer Science and Engineering, Mepco Schlenk Engineering College, Sivakasi.
- Attended a three days’ workshop on “Predictive Analytics using Machine Learning Techniques for Environmental Modelling” held from 10<sup>th</sup> to 12<sup>th</sup> June, 2015 at Mepco Schlenk Engineering College, Sivakasi.
- Attended a one day workshop on “Research Enhancement” held on 2<sup>nd</sup> July, 2015 at Mepco Schlenk Engineering College, Sivakasi.
- Attended a workshop on “Soft Computing for Research Applications” held on 13<sup>th</sup> August, 2015 at Kamaraj College of Engineering and Technology, Virudhunagar.
- Attended a one day workshop on “OpenCV-Python Programming” held on 21<sup>st</sup> August, 2015 at Kamaraj College of Engineering and Technology, Virudhunagar.
- Attended a one day workshop on “Intellectual Property Rights & Innovations” held on 13<sup>th</sup> February 2016 at Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Virudhunagar.
- Attended a one day “Hands-on Training on Machine Learning Techniques” held on 4<sup>th</sup> August 2018 at Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Virudhunagar.
- Participated in the Distinguished Facilitator / Content Guru of Inspire Faculty Excellence Awards 2015 conducted by Infosys Limited, Chennai on 29<sup>th</sup> June 2015.
- Participated in a one day National Conference on “Advanced Technologies in Electrical Engineering (ATEE – 2016)” held on 15<sup>th</sup> April 2016, organized by Department of Electrical and Electronics Engineering, Kamaraj College of Engineering and Technology, Virudhunagar.
- Participated in the one day National Seminar on “Nuclear Energy for Future Generations” organized by Department of Physics, Kamaraj College of Engineering and Technology, Virudhunagar in association with Kudankulam Nuclear Power Project on 26<sup>th</sup> February, 2016.
- Participated in the one day Technical Seminar on “Advanced Data Structures and Algorithms”, organized by Department of Computer Science and Engineering in association with R&D cell, Kamaraj College of Engineering and Technology, Virudhunagar on 20<sup>th</sup> August, 2016.
- Participated in Train The Trainer (TTT) on FP4.0 Focus Area 3 – Software Engineering and Introduction to User Interface & Web Technology conducted by Infosys Limited at Kamaraj College of Engineering and Technology, Virudhunagar from 5<sup>th</sup> Nov 2015 to 7<sup>th</sup> Nov 2015.

- Participated in Faculty Enablement Program (FEP) on Foundation Program 4.0 conducted by Infosys Limited at Infosys Limited, Mangalore Development Centre from 14<sup>th</sup> Dec 2015 to 19<sup>th</sup> Dec 2015.
- Participated in Train The Trainer (TTT) on Software Testing conducted by Infosys Limited at Vel Tech Dr.RR& Dr.SR Technical University, Chennai from 28<sup>th</sup> Nov 2016 to 30<sup>th</sup> Nov 2016.
- Participated in the five days Faculty Development Program on Hadoop Developer conducted by ICT Academy from 13<sup>th</sup> February 2017 to 17<sup>th</sup> February 2017 held at Kamaraj College of Engineering and Technology, Virudhunagar.
- Participated in the Faculty Enablement Program on “Foundation Program 4.1”, held at Sri Krishna College of Engineering and Technology, Coimbatore from 3<sup>rd</sup> to 7<sup>th</sup> July 2017 conducted by Infosys Limited, Chennai.
- Participated in Five days Seminar on Deep Learning Techniques in Health Care Applications organized by Department of Computer Science and Engineering, Mepco Schlenk Engineering College, Sivakasi from 13<sup>th</sup> to 17<sup>th</sup> May, 2019.

#### **Conference/Symposium/FDP/Seminar/workshop/Short Term Course Organized**

- Organized a Guest Lecture on Wireless and various embedded systems at Kamaraj College of Engineering and Technology, Virudhunagar on 24<sup>th</sup> June, 2014.
- Organized a Workshop on Exploring open source IDE using Netbeans at Kamaraj College of Engineering and Technology, Virudhunagar on 22<sup>nd</sup> August, 2014.
- Organized a Guest Lecture on Data Mining at Kamaraj College of Engineering and Technology, Virudhunagar on 20<sup>th</sup> September, 2014.
- Organized a Guest Lecture on Current Trends in IT at Kamaraj College of Engineering and Technology, Virudhunagar on 20<sup>th</sup> September, 2014.
- Organized a two days workshop on Mobile Application Development using Android at Kamaraj College of Engineering and Technology, Virudhunagar on 10<sup>th</sup> and 11<sup>th</sup> Feb, 2015.
- Organized a one day national level Technical Symposium KREATIV’ 15 at Kamaraj College of Engineering and Technology, Virudhunagar on 27<sup>th</sup> Feb, 2015.
- Organized a Motivational talk on Know Yourself at Kamaraj College of Engineering and Technology, Virudhunagar on 28<sup>th</sup> July, 2015.
- Organized a guest lecture on “Research Methodology” at Kamaraj College of Engineering and Technology, Virudhunagar on 10<sup>th</sup> August, 2015.
- Organized a workshop on “OpenCV & Python Programming” at Kamaraj College of Engineering and Technology, Virudhunagar on 21<sup>st</sup> August 2015.
- Organized a Guest lecture on “Data Mining and Research Issues” at Kamaraj College of Engineering and Technology, Virudhunagar on 31<sup>st</sup> August 2015.
- Organized a Motivational talk on “The future is now” at Kamaraj College of Engineering and Technology, Virudhunagar on 11<sup>th</sup> September 2015.
- Organized a Guest lecture on “Big Data” at Kamaraj College of Engineering and Technology, Virudhunagar on 19<sup>th</sup> October 2015.
- Organized a one day national level Technical Symposium KREATIV’ 16 at Kamaraj College of Engineering and Technology, Virudhunagar on 9<sup>th</sup> March, 2016

- Organized a Guest lecture on “ Career Guidance” at Kamaraj College of Engineering and Technology, Virudhunagar on 11<sup>th</sup> March, 2016
- Organized a Guest lecture on "Application of Soft computing techniques to Machine condition Monitoring" at Kamaraj College of Engineering and Technology, Virudhunagar on 18<sup>th</sup> April, 2016
- Organized a guest lecture on“ Polynomial Arithmetic and Finite Fields” at Kamaraj College of Engineering and Technology, Virudhunagar on 11<sup>th</sup> August, 2016
- Organized a Guest Lecture on "Cryptography and Network Security" at Kamaraj College of Engineering and Technology, Virudhunagar on 19<sup>th</sup> August, 2016
- Organized a Guest Lecture on the topic “Service Oriented Architecture” at Kamaraj College of Engineering and Technology, Virudhunagar on 12<sup>th</sup> September, 2016
- Organized a Guest Lecture on the topic “Software Testing” at Kamaraj College of Engineering and Technology, Virudhunagar on 24<sup>th</sup> September, 2016
- Organized a Workshop on Mobile Technology at Kamaraj College of Engineering and Technology, Virudhunagar on 20<sup>th</sup> and 21<sup>st</sup> December, 2016
- Organized a Workshop on Website Development at Kamaraj College of Engineering and Technology, Virudhunagar on 22<sup>nd</sup> and 23<sup>rd</sup> December, 2016
- Organized a one day national level Technical Symposium KREATIV’ 17 at Kamaraj College of Engineering and Technology, Virudhunagar on 1<sup>st</sup> March, 2017.
- Organized a Guest Lecture on Career Guidance and Higher Studies at Kamaraj College of Engineering and Technology, Virudhunagar on 12<sup>th</sup> July, 2017.
- Organized a Guest lecture on “New Age Technology: Java Enterprise Developer with DevOps” at Kamaraj College of Engineering and Technology, Virudhunagar on 12<sup>th</sup> July, 2017.
- Organized a Guest Lecture on “Techniques of Creativity” at Kamaraj College of Engineering and Technology, Virudhunagar on 26<sup>th</sup> July, 2017.
- Organized a Guest Lecture on “Health Care Real-Time Systems” at Kamaraj College of Engineering and Technology, Virudhunagar on 2<sup>nd</sup> August, 2017.
- Organized a One day workshop on Photoshop at Kamaraj College of Engineering and Technology, Virudhunagar on 4<sup>th</sup> December, 2017.
- Organized a Workshop on PHP & MYSQL at Kamaraj College of Engineering and Technology, Virudhunagar on 4<sup>th</sup> to 8<sup>th</sup> December, 2017.
- Organized a one day national level Technical Symposium KREATIV’ 18 at Kamaraj College of Engineering and Technology, Virudhunagar on 14<sup>th</sup> March, 2018.
- Organized a Workshop on “Performing Administrative Tasks On Linux Server at Kamaraj College of Engineering and Technology, Virudhunagar on 24<sup>th</sup> March, 2018.
- Organized a Career Guidance Program on Win the Mind and Run the Life at Kamaraj College of Engineering and Technology, Virudhunagar on 3<sup>rd</sup> August, 2018.
- Organized a Workshop on New trends in Infosys at Kamaraj College of Engineering and Technology, Virudhunagar on 1<sup>st</sup> February 2019.
- Organized a Workshop on OPEN CV Python at Kamaraj College of Engineering and Technology, Virudhunagar on 2<sup>nd</sup> February 2019.
- Organized a one day national level Technical Symposium KREATIV’ 19 at Kamaraj College of Engineering and Technology, Virudhunagar on 28<sup>th</sup> February, 2019.

### **Resource Person / Jury / Lectures Delivered**

- Delivered a Guest lecture on “How to select a research paper” and acted as a Key person for the programme GALLOP-2009 held at James College of Engineering and Technology, Navalcaud on 1<sup>st</sup> October 2009.
- Delivered a Guest Lecture on “Network Security” and acted as a Chief Guest for SAHASRA MEET’ 09 held at Department of Computer Science and Engineering, Lord Jegannath College of Engineering and Technology, Ramanathichanputhur, on 12<sup>th</sup> October 2009.
- Judge for the event Paper Presentation and Multimedia on 12<sup>th</sup> September 2009 for the National Level Technical Symposium held at Department of Information Technology, Ponjesly College of Engineering, Nagercoil.
- Judge for the Paper Presentation event on 16<sup>th</sup> September 2010 for the Inter-Collegiate Symposium SITVISION 2K10 held at Department of MCA, SivanthiAditanar College, Pillayarapuram, Nagercoil.

### **Awards/Recognition Received**

- Participated and won Second position in the Mini Marathon competition (GREENATHON 2015) organized by Rotary Club of Virudhunagar Elite and Rotary Club of Kamaraj College of Engineering and Technology held on 8<sup>th</sup> August 2015.
- Participated in Faculty Doubles Badminton Tournament and won 3<sup>rd</sup> position in the MEPCO TROPHY 2016 organized on 18<sup>th</sup> and 19<sup>th</sup> December 2016 at Mepco Schlenk Engineering College, Sivakasi

### **Books Published**

Assembly language Programming (Both Tamil and English) [For Tamilnadu Polytechnic students

### **Membership**

- ISTE Life Member (LM 73812)

### **Certification**

- Cambridge English Level 1 Certificate in ESOL International(Business Vantage – 3.11.2016
- IBM CE-Enablement program – Enterprise Mobile Apps Development with IBM Worklight from 10.09.2014 to 13.09.2014
- IBM CE-Enablement program – Introduction to HTML 5, JavaScript, and Dojo Programming from 21.08.2014 to 24.08.2014
- Completed Java Fundamentals Certification Course conducted by ORACLE Academy from 5.01.2016 to 7.01.2016
- Completed Communicative English course conducted by COL’S CALIBRE, Chennai at Kamaraj College of Engineering and Technology, held from 2.12.2013 to 14.12.2013.
- Completed NPTEL C programming course
- Completed NPTEL Computer Architecture and Organization course

## **Subject Expert**

- Computer Organization and Architecture
- System Software
- Operating systems
- Python and C Programming
- Microprocessor
- Digital Principles
- Software Engineering

## **Industrial Training and Linkage**

- Undergone two weeks training program in Soft Skills during the Academic year 2009 – 2010 from 23<sup>rd</sup> December 2009 to 6<sup>th</sup> January 2010 at STG, Nagercoil.
- Undergone two weeks training program in Hardware Trouble Shooting Techniques during the Academic year 2010 – 2011 from 24<sup>th</sup> December 2010 to 6<sup>th</sup> January 2011 at Cyber Systems, Cape Road, Nagercoil.
- Won SIIP Awards – 2016 through III Cell and Participated in the 4<sup>th</sup> National Summit on “Sustainable Industry Institute Partnership” on 21<sup>st</sup> and 22<sup>nd</sup> July, 2016 at India International Centre, New Delhi
- Hairos Technologies, Maduari
- Darma Tek, Chennai
- Industrial visit to KC Dairy Products Pvt. Ltd., Unit – I, Veda sandur 21.01.2017

## **Other Achievements**

- Secured 100 % result in Anna University Examination - GE71 – Total Quality Management
- Secured 100 % result in Anna University Examination - Total Quality Management
- Secured 100 % result in Anna University Examination –Software Process and Project Management
- Infosys Limited, Chennai recognized as BRONZE partner faculty under Inspire – The Campus Connect Faculty Partnership Model during the year 2013
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