

CURRICULUM VITAE

A.ANGELPREETHI

Assistant Professor
Department Of Information Technology,
St.Joseph's College,
Trichy-620002.



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No: P26, Pandamangalam,
New Colony,
Woraiyur, Trichy-3.

Skills:

- Energetic, dynamic approach to teaching.
- 5 years' experience in the education field
- Very enthusiastic and quickly establish strong relationships with students.
- Creative thinker and enjoy challenging young minds.
- Forthright and assertive.
- Strong organization and motivation skills.

Research Interests:

- Big Data
- Sentiment Analysis
- Data Mining
- Machine Learning

Research Contributions:

Paper Publications:	National: 04	International:05
Paper Presented:	National: 04	International:04
Conferences Attended:	National: 06	International: 04
State Level Seminars:	05	
Workshop Attended:	11	
Faculty Development Program Attended:	07	
Seminars and Workshop Organized:	04	
Book Publication:	02 (in press)	
Acted as a Resource Person:	01	

Educational Qualification:

Degree	College and University	Year of Passing	Percentage
Ph.D (Part Time)	St.Joseph's College, Trichy-2 Bharadhidasan University.	Pursuing	Pursuing
State Eligibility Test for lecturer ship(SET)	Mother Teresa Women's University, Kodaikanal.	Oct 2016	58%
M.Phil Computer Science	St.Joseph's College, Trichy-2 Bharadhidasan University.	Oct 2013	82%
Master of Computer Applications (MCA)	Holy Cross College, Trichy-2 Bharadhidasan University.	April 2012	80%
Bachelor of Science (Mathematics)	Holy Cross College, Trichy-2 Bharadhidasan University.	April 2009	70%

Experience:

- June 2014 - Current
Assistant Professor
St. Joseph's College (Autonomous)
Tiruchirappalli- 620002.

- July 2013-May 2014
Teacher and Trainer,
Brindhavan Vidhyalaya ICSE School,
Trichy.

- Feb 2013- July 2013
Assistant Professor,
Department of Computer Science,
Imayam College of Engineering,
Thuraiyur.

Research Experience:

Ph.D	
Title	Dictionary Based Approach for Improving the Accuracy of Opinion Mining on Big Data
Abstract	Opinion Mining or Sentiment Analysis is the computational study of people's opinion, evaluation and attitude. Particularly with the incorporation of social media, people's opinions and moods are investigated. Opinion mining also known as opinion extraction, text mining, sentiment mining, appraisal extraction and review mining. Opinion mining plays an important role in lexicon-based approaches. It plays a mammoth role in deciding the classes, which as discussed earlier are positive, negative and neutral and are based on their polarity measurement. Lexicon based approach is classified into two types namely dictionary based approach and corpus based approach. Dictionary based approach is used to mine and handle the sentiment as slang and no slang words using lexical dictionaries. The proposed research work focuses on Dictionary based approach to improve the accuracy of opinion mining on bigdata.
M.Phil	
Title	An Investigation of Intelligent Quotient in students Learning Environment
Abstract	Educational Data mining is an emerging research area; there are various developing methods to explore various unique data values in educational environment settings. This project deals with educational objectives, which determine the student's intelligent quotient in educational setting and student's performance with respect to their intelligent quotient. EM clustering Technique is used for categorizing the student objects based on their intelligent level into classes of similar student's objects. Similarly, student's performance is classified as Level 1, Level 2, Level 3, and Level 4. The MLP is used for classifying the subcategory in the student's dataset. It is one of the approaches for discriminating the pattern of subcategories. It results in useful information through mining and determines interesting pattern of subcategories. Experimental unit variables are used for finding patterns of the specific category of the intelligence level.
MCA	

Title	Enhancing Investment Management in Share Markets using Artificial Neural Networks
Abstract	<p>Stock Market scenario is one, which changes every minute, and making decisions based on the current data require concentration and decision making abilities. In such cases, a decision support system based on Neural Networks will be very useful. Neural Networks methodology will be used to calculate not only the share prices but also the various other factors such as good will of the company, its past performance, its status and other such details. The Project helps us to find out the best market conditions for sales or purchase of stocks provided the monetary conditions and investment potential of our customers. This system will consider various possibilities and arrives at global optima, which will enhance its performance. Artificial Neural Networks mechanism allows us to apply some aggregation function on the input data provided to the perceptions. The aggregated value could then be compared to a particular threshold value and then the data could be clustered or classified as necessary.</p>

Conference, Seminar, Workshop Attended:

- Attended a National conference on advanced computing (**CATER12**) Organized by Dhanalakshmi srinivasan engineering college perambalur on 20-04-2012.
- Attended a Workshop on **Smart Devices Programming using Android** Organized by St.Joseph's College trichy on 08-12-2012.
- Attended a Staff Empowerment Program Organized by St.Joseph's College trichy on 07-08-2014.
- Attended a Staff Empowerment Program Organized by St.Joseph's College trichy on 27-01-2015.
- Attended a Staff orientaation on **teaching methods** Program Organized by St.Joseph's College trichy on 16-06-2014.
- Attended a National conference on **advanced computing** Organized by Jamal Mohamed College Trichy on 05-03-2015.
- Attended a workshop on **web development** Organized by Department of B.Voc on 05-02-2015.
- Attended a **National conference on advanced computing** Organized by Kongu college of arts and science Karur on 27-02-2015.
- Attended a Workshop on **data mining and machine learning** with WEK A tool Organized by VIT university Chennai on 21-02-2015.

- Attended a **National conference** on Innovation in computing and communication technology NCICCT 15 Organized by Kongu Engineering college on 18-03-2015.
- Attended a workshop on **Big Data and Hadoop Technology** Organized by Department of CS Anna University BIT campus Trichy on 26-03-2015.
- Attended a national Seminar on **Recent Trends in Research Methodology** Organized by Department of CS, Srimad Andavan Arts and Science College, Trichy on 29-10-2015.
- Attended a national level Workshop **Big Data Analytics and Business Intelligence** Organized by Department of CS, St.Joseph's college Trichy on 04-01-2016.
- Attended a **DST sponsored workshop** on Big Data and Cloud Computing for Bigger Transformation Organized by Department of CS, Sona College of Technology, Salem on 26-03-2015.
- Attended a International Conference on Computing Communication and Information Science (**ICCCIS16**) Organized by Department of CS, Bishop Heber College, Trichy on 28-07-2016.
- Attended a National Seminar on **Effective eLearning with Cloud-based Services and LMS** Organized by Department of Information Technology St.Joseph's college Trichy on 15-12-2016.
- Attended a International Conference on World Congress on Computing and Communication Technologies (**wccct16**) Organized by Department of CS, St.Joseph's college Trichy on 02-02-2017.
- Attended a Two Days Workshop on **R Programming for Statistics and Data Mining** Organized by Department of CS, Srimad Andavan Arts and Science College, Trichy on 27-04-2017.
- Attended a Workshop on **Internet of Things and its Applications** Organized by Department of IT, St.Joseph's college Trichy on 12-01-2017.
- Attended a National Seminar on **Innovative Computing Technologies** Organized by Department of CS, Holy Cross College Trichy on 08-01-2017.
- Attended a Two days National Conference on **Transforming Technology** Organized by Department of CS, Srimad Andavan Arts and Science College, Trichy on 24-01-2018.
- National Conference on the Mobile Technologies, **Big Data & Data Analytics** Organized by Department of CS, Sri Sai Bharath College of Arts and Science, Dindugal, on 02-03-2018.

- Attended a National Seminar on **Data Science`18** Organized by Department of CS, Holy Cross College Trichy on 20-02-2017.
- Attended a National Seminar on **Big Data and IOT** Organized by Department of CS, Bharadhidasan University khajamalai campus, Trichy on march 2018.
- Attended a Workshop on **Research Trends in Machine Learning** Organized by Department of CS, Lady Doak College, Madurai on 28-09-2018.
- Participated a **Research Ethics** program organized by Arrupe Library st.joseph's college, on 15-10-2018.
- Attended a three days **Faculty Development Program** on Introduction to Python Programming Organized by ICT Academy, EGS Pillay Engineering College, Nagapattinam on 13-11-2018.
- Attended a three days **Faculty Development Program** on Introduction to Python Programming Organized by ICT Academy, Kongu Engineering College, Namakkal on 24-11-2018.

Conferences Organized:

- Organized a National Seminar on Effective eLearning with **Cloud-based Services and LMS** Organized by Department of Information Technology St.Joseph's college Trichy on 15-12-2016.
- Organized a second World congress on computing and communication technologies 2016 (**WCCCT'16**) organized by Department of Computer Science, St.Joseph's College, Trichy on 02-02-2017.
- Organized a Workshop on **Internet of Things and its Applications** Organized by Department of Information Technology, St.Joseph's college Trichy on 01-12-2017.
- Organized a Workshop on **Python Programming** Organized by Department of Information Technology, St.Joseph's college Trichy on 07-09-2018.

Resource Person:

- Acted as a Resource Person in Regional level academic competitions CAFE'18 organized by Department of Commerce with Computer Applications St.Joseph's college, trichy on 2018-02-19.

Awards Received:

- Won **Gold medal** for overall Academic performance in Mphil Examination and awarded as **First Rank holder** by St.Joseph's college Trichy.
- Won **School First Award** in SSLC Examination Organized By 'ROTARY CLUB TRICHY'. Placed **Second Rank** in the SSLC Examination organized and awarded by St.Lourdes Church Trichy-2 during the year 2004.
- Placed **third rank** in the Hsc examination organized and awarded by St.Lourdes church Trichy-2 during the year 2005.
- Won the **Moulana Azad Educational Scholarship for rupees ten thousand** for Outstanding performance of SSLC Examination.
- 100 % **Attendance award** given by the Management of St. Joseph's College for the year 2015, 2016 (2 Years).

Paper Publications:

National:

- Published a paper titled “ **Green Computing**” Proceedings of the national conference on recent trends in computing, Organized by Department of CS ,Dhanalakshmi Srinivasan College of Engineering and Technology Perambalur,
- Published a paper titled “ **Impact of Emotional Quotient and students behavior in a learning Environment**” Proceedings of the National conference on advanced computing Organized by Organized by Department of CS , Kongu college of arts and science Karur.
- Published a paper titled “ **Psychological analysis of emoticons and emoji ideograms in sentiment analysis**” Proceedings of the national conference on the Mobile Technologies, Big Data & Data Analytics Organized by Department of CS, Sri Sai Bharath College of Arts and Science, Dindugul.
- Published a paper titled “ **A Methodological Framework for opinion mining**” National conference on Transforming Technology, Organized by Department of Computer science and Mathematics, Srimad Andavar Arts and Science College, Trichy-2.

International:

- A.Angelpreethi and Dr.B.Vani, “**A survey on big data and its characteristics using 3v's** “ Proceedings of the conference 3rd National Conference On Innovation In Computing And Communication Technology , IJERT International Journal of Engineering Research and Technology , Vol 3, pp-342-345, ISSN:

2278-018, 2015.

- A.Angelpreethi and Dr.S.Charles, “**An Impact of Intelligent Quotient and Learning Behaviour of Students in Learning Environment**” CIIT International Journal of Artificial Intelligent System and Machine Learning, Vol 7 (1), PP-1-4, ISSN: 0974-9667, 2015.
- A.Angelpreethi and Dr.S.Britto Ramesh Kumar, “**Visualizing Big Datamining: Issues, Challenges and Opportunities**” International Journal of Control Theory and Applications(SCOPUS INDEXED), Proceedings of the International Conference on Computing Communication and Information Science (ICCCIS16), Organized by Department of CS, Bishop Heber College, Vol 9, pp-455-460, ISSN:0974-5572, 2016.
- A.Angelpreethi and Dr.S.Britto Ramesh Kumar, “**An Enhanced Architecture for Feature Based Opinion Mining from Product Reviews**” IEEE Explorer Proceedings of the International conference on World Congress on Computing and Communication Technologies (wccct16), Organized by Department of CS, St.Joseph’s college Trichy.
- A.Angelpreethi and Dr.S.Britto Ramesh Kumar,“**A Methodological Framework for Opinion Mining**” International Journal of Computer Sciences and Engineering (UGC approved Journal) Proceedings of the National Conference on Transforming Technology Organized by Department of CS, Srimad Andavan Arts and Sciene College, Trichy.
- A.Angelpreethi and Dr.P.Joseph Charles, “**Traffic Redundancy and Elimination Approach to Reduce Cloud Bandwidth and Costs**” International Journal of Computer Sciences and Engineering (UGC approved Journal) Proceedings of the National Conference on Transforming Technology Organized by Department of CS, Srimad Andavan Arts and Sciene College, Trichy.
- A.Angelpreethi, and Dr.S.BrittoRamesh Kumar,“ **Dictionary based Approach for improving the Accuracy of opinion mining on Big data**”, International Journal Of Research and Analytical Reviews, ISSN 2348-1269 ,Volume 5, Issue 4, Oct 2018, (UGC Approved).
- A.Angelpreethi and Dr.S.Britto Ramesh Kumar, “ **Dom_classi: An enhanced weighting mechanism for Domain Specific Words**”, International Journal Of Research and Analytical Reviews ISSN 0973-9769, Volume 5, Issue 4, Oct 2018,(UGC Approved).

- A.Angelpreethi, and Dr.S.Britto Ramesh Kumar, “**Opinion Mining using Hybrid Approach on Big Data: A Perspective**”, International Journal of Scientific Research in Computer Science Applications and Management Studies, ISSN: 2319-1953, Volume 7, Issue5, September 2018, (**UGC Approved**).
- A.Angelpreethi, P.kiruthika, and Dr.S.Britto Ramesh Kumar, “**A Methodological Framework for Opinion Mining**” International Journal of Computer Sciences and Engineering, ISSN: 2347-2693, Volume 5, Issue 8, March 2018, (**UGC Approved**).

Personal Profile:

NAME	:	A.Angelpreethi
FATHER’S NAME	:	A Arockiasamy
DATE OF BIRTH	:	15-08-1989
AGE	:	29 years
SEX	:	Female
NATIONALITY	:	Indian
LINGUISTIC PROFICIENCY	:	Tamil, English
CONTACT NUMBER	:	9578222116

References:

- Dr. D.P.Jeyabalan,
Head & Associate Professor,
Department of Computer Science,
St. Joseph’s College (Autonomous),
Trichy-2
- Dr. S. Britto Ramesh Kumar,
Assistant Professor,
Department of Computer Science,
St. Joseph’s College (Autonomous),
Trichy-2

I, A.Angelpreethi, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

[A. ANGELPREETHI]