


<b>Name:</b>  <b>JENA CATHERINE BEL D</b>				
<b>Designation:</b>	<b>Assistant Professor</b>			
<b>Qualification:</b>	B.E (Computer Science and Engineering), M.E (Computer Science and Engineering)			
<b>Area of specialization:</b>	Machine Learning			
<b>Experience:</b>	<b>Industrial Experience</b>		<b>Teaching Experience</b>	
	NIL		11 Years	
<b>Number of workshops / FDP attended:</b>	<b>Number of Workshops</b>		<b>Number of FDPs</b>	
	09		11	
<b>Publications:</b>	<b>Conference</b>		<b>Journal</b>	
	<b>National</b>	<b>International</b>	<b>National</b>	<b>International</b>
	02	01	03	05
<b>Patents:</b>	<b>National</b>		<b>International</b>	
	NIL		NIL	

## **PUBLICATIONS (Journals)**

1. Jena Catherine Bel.D, Savithra.K, Divya.M. "*A Secure Approach For e-Voting Using Encryption And Digital Signature*", International Journal of Engineering Development and Research (IJEDR), ISSN:2321-9939, Vol.3, Issue 2, pp.1-5, Apr-15.
2. D Jena Catherine Bel, E S Akshaya Lakshmi,Ba Vivitha,O Akansha Lal . "*Ordinal Feature Selection of Finger Print and Image for Remote Authentication*", International Journal of Science Technology & Engineering, Vol.2, Issue.10, pp.no 839-847, April 2016.
3. D. Jena Catherine Bel, K. Kalaivani, B. Kiruthika, R. Pavithra. "*Face Emotion Based Music Player*", International Journal of Contemporary Research in Computer Science and Technology (IJCRCST), Volume 3, Special Issue 2, pp.no 89-91, March '2017
4. Annamalai S, Arun Kumar M, Deeban Balaji J, Jena Catherine Bel D, "*Attendance Marking System Through Face Recognition Using Haar Cascade*", VDGGOOD Journal of Computer Science Engineering, April2020, pp.no 242-245
5. Hemachitra B, Gayathiri B, Shivisthika S, Jena Catherine Bel D, "*Bitcoin Price Prediction using Recurrence Neural Network*" , VDGGOOD Journal of Computer Science Engineering, April2020, pp.no 242-245.
6. Neha Ramakrishnan, Mrs. Jena Catherine Bel, "*Virtual Mouse Using Hand Gesture*", International Journal Of Innovative Research In Technology, Volume 7 Issue 11, April 2021, pp no:666-671.
7. A.C. Krishnapriya, B. Sush Meera, M. Swetha, and Jena Catherine Bel, "*Storytelling Mobile Application for Children with Hearing Impairment Using Natural Language Processing*", International Journal Of Innovative Research In Technology, Volume 7 Issue 12, May 2021, pp no:541-545.
8. D.Jena Catherine Bel, S.Sridevi, Dr.S.Rajalakshmi, "*An automated object based monitoring system for deforestation using image processing with deep learning*", Journal Of Education: Rabindra Bharati University, Vol. : XXIII, No. :12(IV), 2021.

## **CONFERENCE PAPERS**

1. D.Jena Catherine Bel, K.Sundarakantham, Dr.S.Mercy Shalinie, "*Enhanced Web Usage Mining using Grammatical Inference*", Proceedings of the International Conference on Recent Advances in e-Communication & i-Technologies (REACT'10), Chennai, India, Vol .2 pp.no 321-324.

2. Janani.K, Dharshana.R, Preethi.R, Auxillia Cathreen, Jena Catherine Bel, “*Web-Page Recommendation The Ontology Approach*” 4th National Conference on Recent Advances in Computer Science, Sri Krishna College of Engineering and Technology, Coimbatore, April 2017.

3. B.Suresh, R.Siva Bharathi and Jena Catherine Bel, “*Toll Gate Bill Payment for Vehicles Through Online Payment System with Security*”, 6th National Conference On Advanced Computing Technologies- NCACT’19

#### **LIST OF SEMINAR/SHORT TERM COURSE/FDP/WORKSHOP ATTENDED**

1. Attended an One-day workshop on “Computer Hardware Dry Assembly & Networks” organized by Department of Computer Science of Tamilnadu College of Engineering, Coimbatore and Software Institute of Tamilnadu at Tamilnadu College of Engineering, Coimbatore.
2. Attended an One-day workshop on “Computer Hardware Power on Assembly & Networking” organized by Department of Computer Science of Tamilnadu College of Engineering, Coimbatore and Software Institute of Tamilnadu at Tamilnadu College of Engineering, Coimbatore.
3. Attended a multidimensional, activity oriented Seven day workshop “Pathfinding” conducted by Jade Research Centre at Tamilnadu College of Engineering, Coimbatore.
4. Attended a two day workshop on “Software Testing Tools and Methodologies” at Sathyabama University on 30th & 31st October 2010.
5. Attended a two day workshop on “Free Open Source Software” at Valliammai Engineering College, Kattankulathur.
6. One-Day National Level Workshop on NoSQL at VIT Chennai on 1.11.2014 organized by School of Computing Science and Engineering, VIT Chennai.
7. Faculty Development Training Programme on CS2352- Principles of Compiler Design at MIT Campus, Anna University from 4.12.2014 to 10.12.2014 organized by Centre for Faculty Development, Anna University, Chennai
8. Faculty Development Program on Industry Ready Programming Skills on 25.07.2015 at CTS Chennai.
9. Faculty Development Training Programme on CS6202- Programming and Data Structures I at RMK College of Engineering and Technology from 4.1.2016 to 11.1.2016 organized by Centre for Faculty Development, Anna University, Chennai
10. National level workshop on Research Paper and Funded Project Proposal Writing skills on 29.1.2016 at Velammal Engineering College, Chennai

11. One-Day Workshop on “ISRO Satellite Remote Sensing Based Societal Applications on the Web” at Velammal Engineering College on 25.11.2016 organized by ISRO, Department of Space, an activity based Initiative by RRSC-ISRO-ISITE.
12. Faculty Development Training Programme on CS6801- Multicore Architectures and Programming at Velammal Institute of Technology 1.12.2016 and 2.12.2016 organized by Department of Computer Science and Engineering, Velammal Institute of Technology, Chennai.
13. Faculty Development Programme on E-content development for effective teaching at Velammal Engineering College on 29.03.2019 organized by Department of Management Sciences, Velammal Engineering College, Chennai
14. Faculty Development Training Programme on CS8501- Theory of Computation at Anna University Regional Campus, Tirunelveli from 29.04.2019 to 05.05.2019 organized by Centre for Faculty Development, Anna University, Chennai
15. Two Days National Seminar on “Machine Learning with hands on workshop using Weka Tool and R Programming” at R.M.D Engineering College on 17.06.19 and 18.06.19 organized by Department of Computer Science and Engineering, R.M.D Engineering College, Thiruvallur.’=
16. ATAL sponsored Short Term Course on “Internet of Things: Concepts and Implementation” at IITDM, Kancheepuram, Chennai from 15.11.19 to 19.11.19.
17. Participated in two day online FDP on Java programming organized by SCOPE, VIT, Chennai in association with IIT Bombay on 15.5.20 & 16.5.20 and received Topper award in the quiz conducted as a part of the program.
18. Eight days Faculty Development Programme on OBM752-Hospital Management organized by St Joseph Group of Institutions from 27.7.2020 to 3.8.2020
19. Five days Faculty Development Program- Student Induction on Universal Human Values conducted online during 14.12.2020 to 18.12.2020
20. Six days Faculty Development Programme on Ambient Intelligence in Deep Learning organized by Sri Sai Ram Institute of Engineering during 26.07.2021 to 31.07.2021

## EDUCATIONAL QUALIFICATION

<b>2009-2010</b>	<b>M.E (Computer Science and Engineering)</b> Thiagarajar College of Engineering, Madurai.
<b>2004-2008</b>	<b>B.E (Computer Science and Engineering)</b> Tamilnadu College of Engineering, Coimbatore.
<b>2004</b>	<b>Higher Secondary Certificate(HSC)</b> Rose Mary Matriculation Higher Secondary School, Tirunelveli.
<b>2002</b>	<b>Secondary School Leaving Certificate – Matriculation</b> Rose Mary Matriculation Higher Secondary School, Tirunelveli.

### Declaration:

I hereby declare that all the information mentioned above is true to my knowledge and I have all supporting documents for the facts mentioned above.

**(JENA CATHERINE BEL D)**