

**Department of Computer Science and Engineering
Anna University Regional Campus - Tirunelveli
Tirunelveli – 627 007**

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Mrs.T.BRINDA

Assistant Professor

➤ **Research Area:**

- Image Processing and Computer Vision

➤ **Experience: 12 Y 10 M**

Name of Company / Institutions	Designation of Post	From	To	Relived on	Scale of Pay(Rs.)	Experience in Years
ANNA UNIVERSITY REGIONAL CAMPUS, TIRUNELVELI	ASSISTANT PROFESSOR	09-09-2010	Till date	-	15600-39100+6000	8Y 10M
ST.PETERS ENGINEERING COLLEGE ,CHENNAI	LECTURER	10-05-2008	31-05-2010	31-05-2010	Rs.8275 (Basic Pay)	2Y 22D
HINDUSTAN COLLEGE OF ENGINEERING, CHENNAI	LECTURER	03-01-2007	07-05-2008	07-05-2008	Rs.15000 (Gross salary)	1Y 4M 4D
JOE SURESH ENGINEERING COLLEGE, TIRUNELVELI	LECTURER	02-01-2003	30-07-2003	22-07-2003	Rs.5000 (Gross Salary)	6M 20D

➤ **Awards:**

➤ Received letter of appreciation for contributing as a Discussion Forum Moderator for the five-week AICTE approved (Two - Week equivalent): FDP101x: Foundation Program in ICT for Education, conducted by IIT BombayX between September 13 to 21 October 2108.

➤ Received GATE score in 2002 of 76%

➤ **Additional / Academic Responsibilities at University:**

- Member, Inspection Committee for Affiliation of Institutions, Anna University, Chennai
- Member, Inspection Committee for Recognized Research Centre
- Question Paper Setter for erstwhile University Departments and Affiliated Colleges of Anna University
- Answer key Setter for erstwhile University Departments
- Technical chair on computing and communications in the first national conference at Anna University Regional Campus, Tirunelveli -2014.
- Time Table In charge for the period 2013-14 (odd sem)
- Exam cell In charge from 2015-16 (even sem)
- One of the coordinator for Technical Association Tech society for CSE and IT Departments
- Acted as squad for Anna University, Chennai examinations
- Acted as Chief AUR and AUR for Anna University Chennai examinations
- Acted as verification officer for TNEA counseling 2018
- Acted as Project Coordinator for B.E CSE and B. Tech IT students

➤ **Professional Activities:**

- a. Acted as a **Technical chair** for a session on April 4th 2014 in First National Conference on Computing and Communication at Regional Office, Anna University, Tirunelveli.

- b. One of the Coordinator for Technical Association, Tech Society for Department of B.E Computer Science and Engineering and B.Tech Information Technology from 2014-2016.
- c. One of the Coordinator for an **International workshop** and conference on Research Contributions in Technology and Applications 2015 on 27.03.2015 & 28.03.2015 at Anna University Regional campus, Tirunelveli.
- d. One of the Coordinator for 2 weeks Student Induction Programme for the course on “Human Values and Creative Arts” for First Year B.E students from 3rd Sep 2018 to 12th Sep 2018.
- e. One of the Coordinator for the Association of Department of Computer Science and Engineering (Tech Society) for Intra College Symposium “TECHNOPS 2019” on 14th and 15th March 2019 for first year B.E UG students.
- f. One of the Coordinator for the Culturals, Kalakshetra 2019 organised on 20th March 2019 at Anna University, Regional Campus, Tirunelveli.
- g. One of the Coordinator for Faculty Development Training Programme on Six Days Faculty Development Training Programme (FDTP), CS8501- Theory of Computation from 29th April 2019 to 5th May 2019.

➤ **Membership of Scientific and Professional Societies:**

Life Member, Indian Society for Technical Education (LM92642)

➤ **Completed B.E/M.E Projects:**

- a. Number of ME Projects Completed: 22
- b. Number of BE Projects Completed: 10

➤ **List of Seminar / Short Term Course / FDP/ Workshop attended: (Within India)**

- a. Twelve Week, NPTEL Online Certification, course **(2019)** on “Compiler Design”, organized by IIT, Kharagpur and funded by MHRD from Jan to April. (12 Weeks).
- b. Twelve Week, NPTEL Online Certification, course **(2019)** on “Joy of Computing using Python”, organized by IIT, Kharagpur and funded by MHRD from Jan to April. (12 Weeks).
- c. Three Days, AICTE sponsored Faculty Development Programme (FDP) on Student Induction Programme conducted at Panimalar Engineering College, Chennai from 27th August 2018 to 29th August 2018.
- d. Two Week Course **(2018)**, “Advanced Image Analysis”, organized by Indian Institute of Remote Sensing, Indian Space Research Organisation, Anna University Regional Campus, Tirunelveli from 4th June to 18th June 2018. (2 Weeks)
- e. Two Week Course **(2018)**, “Mentoring Educators in Educational Technology”, organized by IIT Bombay and funded by MHRD from 18th May to 27th June 2018. (2 Weeks)
- f. One Week Faculty Development Programme **(2017)**, “Distributed Systems”, organized by Department of CSE, Anna University Regional Campus - Tirunelveli and funded by CTDT, Anna University, Chennai from 27th November to 3rd December. (1 Week)
- g. Two Week Course **(2017)**, “Pedagogy for Online and Blended Teaching - Learning Process”, organized by IIT Bombay and funded by MHRD from 14th September to 20th November. (2 Weeks)
- h. Two Week Foundation Programme **(2017)**, “ICT for Education”, organized by IIT Bombay and funded by MHRD from 3rd August to 7th September. (2 Weeks)
- i. Two Day Hands on Workshop **(2017)**, “Python Programming”, organized by Anna University Regional Campus – Tirunelveli and sponsored by Centre for

Faculty Development, Anna University, Chennai from 21st August to 22nd August. (2 Days)

- j. One day workshop **(2017)** on "Deep Learning", Department of IT, Mepco Schlenk Engineering College, Sivakasi on 29.07.2017(1day)
- k. One Week FDP **(2017)** on "Signals &Systems" from 12.06.2017 to 18.06.2017 at Anna University Regional Campus, Tirunelveli (1 week)
- l. Three days national workshop **(2016)** on "Data Science and Research, Department of Science and Technology, Einstein College of Engineering, Tirunelveli from 01.12.2016 to 03.12.2016(3 days)
- m. One day workshop **(2016)** on "Soft Computing Techniques and its Applications", National Engineering College, Kovilpatti on 5.03.2016(1 day)
- n. One Week FDP **(2016)** on "Data Warehousing and Data Mining" from 25.05.2016 to 31.05.2016 at Anna University Regional Campus, Tirunelveli (1 week)
- o. Two Week ISTE STTP **(2015)** on "Introduction to Design of Algorithms" from 27.04.2015 to 30.05.2015 Anna University Regional Campus, Tirunelveli (2 weeks)
- p. Two Day Seminar **(2015)** on "Research Towards Image Processing" from 08.06.2015 to 09.06.2015 at DCSE, Einstein College of Engineering, Tirunelveli (2 days)
- q. One Day Seminar **(2015)** on "Submission of Project Proposals to Funding Agencies and Promotion of Consultancy Activities" on 22.08.2015 at Government College of Engineering, Tirunelveli (1 day)
- r. One Day National Level Seminar **(2015)** on "Clustering Techniques in Fuzzy Sets &Systems" on 30.10.2015 organized by the Dept of Maths & DECE at Anna University Regional Campus, Tirunelveli (1day)
- s. International Workshop and Conference **(2015)** on "Research Contributions in Technology and Applications 2015" from 27.03.2015 to 28.03.2015 conducted by Anna University Regional Campus, Tirunelveli (2 days)

- t. Two Day International Workshop **(2015)** on "Biomedical Signal and Image Processing" from 12.03.2015 to 13.03.2015 conducted by DECE, Anna University Regional Campus, Tirunelveli (2 days).
- u. Two Day International Workshop **(2015)** on "Scopes and Challenges of Scientific Technology Intervention in Indian Medicine" from 06.08.2015 to 07.08.2015 conducted by Anna University Regional Campus, Tirunelveli & Govt. Siddha Medical College(2 days).
- v. One Day Seminar **(2014)** on "Research Expansion in Digital Image Processing" on 28.02.2014 at DCA, Anna University Regional Campus, Tirunelveli(1 day)
- w. Two Day ISTE E-seminar **(2014)** on "Step 2 research" from 10.09.2014 to 20.09.2014 conducted by DCSE, Amal Jyothi College of Engineering, Kanjirappally & ISTE Kerala section at AURCT, Tirunelveli(2 days)
- x. One Day National Seminar **(2014)** on "High Impact Journal Writing and Publishing" on 25.09.2014 at the Dept of EEE, Anna University Regional Campus, Tirunelveli (1 day)
- y. Two Day National Seminar **(2014)** on "Recent Research Issues and Challenges in Medical Image Analysis and its Applications" from 31.10.2014 to 1.11.2014 at DCSE, Einstein College of Engineering, Tirunelveli (2 days)
- z. Two Week ISTE Workshop **(2014)** on "Signals and Systems" from 02.01.2014 to 12.01.2014 conducted by IIT Kharagpur at Anna University Regional Campus, Tirunelveli (2 weeks)
- aa. Two Day Workshop **(2014)** on "Introduction to Wavelets & its Applications" from 7.02.2014 to 8.02.2014 at Anna University Regional Campus, Tirunelveli (2 days)
- bb. Two Day Workshop **(2014)** on "Research Perspectives in Biomedical Signal and Image Processing" from 6.03.2014 to 07.03.2014 at DECE, Anna University Regional Campus, Tirunelveli (2 days)
- cc. Two Week FDP **(2013)** on "Emerging Trends in Image Understanding and Pattern Recognition" from 6.06.2013 to 18.06.2013 at the Department of IT, Francis Xavier Engineering College.(2 weeks)

- dd. One Week FDP **(2013)** on "Database Management Systems & Advanced Databases" from 4.12.2013 to 10.12.2013 by Centre for Faculty Development, Anna University, Chennai(1 week)
- ee. One Day International Workshop **(2013)** on "System Thinking and Modeling" on 15.04.2013 at SCAD Group of Institutions (1 day)
- ff. One Day Workshop **(2013)** on "NPTEL Workshop" on 20.04.2013 conducted by IIT Bombay at Anna University Regional Campus, Tirunelveli (1 day)
- gg. Two Week ISTE Workshop **(2013)** on "Database Management Systems" from 21.05.2013 to 31.05.2013 at Anna University Regional Campus, Tirunelveli (2 weeks)
- hh. Two Day Workshop **(2013)** on "Hands on Training in Matlab" from 30.08.2013 to 31.08.2013 at DCSE, NEC, Kovilpatti (2 days)
- ii. Two Day Workshop **(2013)** on "Hands on Approach to Proficient Document Writing using LATEX" from 12.11.2013 to 13.11.2013 at DCSE, Anna University Regional Campus, Tirunelveli (2 days)
- jj. One Week FDP **(2012)** on "Digital Signal Processing" from 07.12.2012 to 13.12.2012 at the Department of CSE, Anna University Regional Campus, Tirunelveli (1 week)
- kk. One Day National Level Workshop **(2012)** on "Grid Computing and Cloud Computing Laboratory" from 30.11.2012 to 01.12.2012 at NEC, Kovilpatti (1 day)
- ll. Two Day ISTE Workshop **(2012)** on "Aakash for Education" from 10.11.2012 to 11.11.2012 conducted by IIT Bombay at Anna University Regional Campus, Tirunelveli (2 days)
- mm. Two Day Workshop **(2012)** on "Hands on approach to Wireless Network Simulation using NS2" from 04.12.2012 to 05.12.2012 at the Department of CSE, Anna University Regional Campus, Tirunelveli (2 days)

International Journal:

- a. Alin Mercybha, **T.Brinda**, Intelligent Pathological Lung Segmentation Using Random Forest Machine Learning, International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3, Special Issue 3, April 2015.

➤ Conferences

International Conferences:

- a. P.Subashree Kasi Thangam, T.Brinda, Semi Automatic Annotation Using Similarity of Photo Albums, 4th International Conference on Intelligent Science & Technology, at Dr. Sivanthi Aditanar College of Engg, Tiruchendur, on 23rd March 2012.
- b. M.Velammal, T.Brinda, Fuzzy Denoising of Impulse Noise in Color Video, International Conference on Intelligent Science & Technology IIST 2012, Sun College of Engineering & Technology
- c. P.Subashree Kasi Thangam, T.Brinda, Semi Automatic Annotation Using Similarity of Photo Albums, 4th International Conference on Intelligent Science & Technology, Sun College of Engineering and Technology on 19th to 23rd March 2012.
- d. S.Anora Benny, **T.Brinda**, Advanced Compression for Scanned Documents Based on Hybrid Video Codec, International Conference on Innovative Trends in Computing & Technology(Icitct'14) , 7th and 8th March,2014
- e. Shyamala Priyadarshini ,**T.Brinda**, Nuclei Detection, Segmentation and Classification in digital histopathology, International workshop and conference on Research contributions in Technology and Applications 2015 27th , March 2015
- f. P.J.Alin Mercybha, **T.Brinda**, An Automated and Intelligent Approach for Pathological Lung Segmentation Using Random Forest Classification, International Conference on trends in Engineering & Technology, Science & humanities & Management 2015, 19th & 20th february 2015
- g. **T.Brinda**, P.J.Alin Mercybha, Fast Pathological Lung Segmentation using Local Descriptors of Supervoxels, TEQIP II sponsored International Conference

on Computational Intelligence(ICCI'15) ISBN:9788191021202, 7-4-2015 & 8-4-2015

- h. C. Lokanayaki, **T.Brinda**, An Appropriate Context Model along with Hierarchical Prediction for Lossless Compression of Color Images, National Conference on Computing and Communication NCCC'14, 3rd and 4th April 2014

National Conferences:

- a. **T.Brinda** Subimage Binarization using spatial features for Handwritten characters, National Conference on Application of Emerging Technologies, 29th and 30th March, 2006
- b. P.Subashree Kasi Thangam, **T.Brinda**, Semi-Automatic Annotation of Photo Albums, National Conference on Innovations in Management & Computer Applications, 22nd February 2012.
- c. Selvasaroja,**T.Brinda**, Automatic lobe Segmentation and Abnormality Detection in CT Lung Images, National Conference on Research Challenges in Electrical, Electronics and Communication Engineering, March 22,2014
- d. Alin Mercybha,**T.Brinda**, Intelligent Pathological Lung Segmentation Using Random Forest Machine Learning, National Conference on Emerging Trends in Electronics and Communication Engineering, 6th and 7th April 2015
- e. T.Kabaleeswari, **T.Brinda**, Optimized Superpixel segmentation for natural Images, TEQIP II sponsored National Conference on Computational Intelligence and Fuzzy System organized by Department of Mathematics, 22nd & 23rd January 2015
- f. C.Lokanayaki, **T.Brinda**, Efficient colorization based compression using L1 minimization, 10th National Conference on Advanced Image Processing and Networking, 6th and 7th March 2014

- g. Lokanayaki, **T.Brinda**, An Appropriate Context Model along with Hierarchical Prediction for Lossless Compression of Color Images, National Conference on Computing and Communication NCCC'14, 3rd and 4th April 2014
- h. Kamarunnisha, **T.Brinda**, Minimizing the Computational Time of Compression using Wavelet based Contourlet transform and Binary array Technique, National Conference of Emerging communication Trends[NCECT '16], 18th March 2016
- i. P.Bhuvana, **T.Brinda**, Symmetry-Based Scalable Lossless Bio-Medical Image Compression, National Conference on High Performance Computing , VISION '16 26-04-2016
- j. C.M. NagaSudha, **T.Brinda**, A Comparative Study On Various Image Segmentation Techniques, Vision 2k'18-13th National Conference On High Performance Computing, conducted at Government College of Engineering on 10th April 2018.
- k. S. Selva Priya, **T.Brinda**, Detecting Dental Abnormalities Using Thermal Images, Vision 2k'18-13th National Conference On High Performance Computing, conducted at Government College of Engineering on 10th April 2018.