

Faculty Particulars (Separate Record for each staff)

(As on 18.08.2014)



1. **Name of the Faculty** : G. Anna Poorani
2. **Designation** : Assistant Professor
3. **Email-Id** : pooranikrish@yahoo.com;
pooranikrish@gmail.com
4. **Date of birth** :06-06-1971
5. **Educational Qualifications** :

Name of Degree / Course	Major / Specialization	University	Year of Passing	% of Marks Obtained	Class / Grade
Ph.D (Pursuing)	Information Technology (Iris Biometrics)	Bharathidasan University	-	-	Thesis submitted
M. Tech	Information Technology	Anna University	2003	8.039 CGPA	I class
B.E.	Computer Engineering	MKU	1993	60.52%	I class

6. **Area of Specialization/ Interest** : Biometrics, Image Processing, Software Engineering, Data Mining
7. **Professional Experience**
 - Assistant professor (2005 – Present): Bharathidasan Institute of Technology Campus, Anna University, Tiruchirappalli
 - Senior Lecturer (2003-2005): S. S. N. College of Engineering, Chennai
 - Lecturer (2001-2002): Jerusalem College of Engineering, Chennai
 - Lecturer (1998-2001): St. Joseph's College of Engineering, Chennai
 - Lecturer (1996-1998): Dr. M. G. R. Engineering College, Chennai
 - Computer programmer (1995-1996): K.S.K. Exports, Chennai
 - Part-time Lecturer(1995): G.T.N. Arts College, Dindigul
 - Computer Programmer(1993-1995): R. K. S. N. Co., (IPCL Distributor), Madurai
8. **Awards and Honours**
 - Life Member, Indian Society for Technical Education (ISTE)
 - Life Member, Computer Society of India (CSI)

9. Sponsored Projects

Total Grants Received: Rs. 45.68 Lakhs

Sl.No.	Name of the Faculty	Title of the Project	Funding Agency	Name of the scheme	Duration	Fund sanctioned	Status
1	G. Anna Poorani (Co-Investigator)	“Design of Orthogonal Polynomials based Transform Coding Technique for Color Images and Video” <u>F.No. 32-83/2006(SR)</u>	UGC	MRP	2007-2011 4 Years (01/04/2007 to 31/03/2011)	Rs.9.9 Lakhs	Completed
2	G. Anna Poorani (Co-Investigator)	“Design of New Iris Recognition System for Personal Authentication with Orthogonal Polynomials Model” <u>Administrative approval No. 12(12)/2008-ESD dated 06.01.09</u>	MIT	DIT R & D Projects	2009-2011 3 Years (06/01/2009 to 30/11/2011)	Rs.35.78 Lakhs	Completed

10. Publications

International Journals

1. **G. Anna Poorani** and R. Krishnamoorthy, P. Gifty jeya, and S. Petchiammal@Sudha “Accurate and Fast Segmentation”, International Journal of Engineering Science and Technology, Vol. 2, no. 6, pp. 1492-1499, ISSN No: 0975-5462, 2010.

2. R. Krishnamoorthy and **G. Anna Poorani**, “A simple boundary extraction technique for irregular pupil localization with orthogonal polynomials”, Elsevier- Computer Vision and Image Understanding, Vol.116, no. 2, pp. 262-273, doi:[10.1016/j.cviu.2011.10.002](https://doi.org/10.1016/j.cviu.2011.10.002), 2012.
3. A. Sathiya and **G. Anna Poorani**, “Fuzzy Packet Decision Rules For Unknown Traffic Flow in P2P Network”, International Journal of Advanced Engineering Research & Technology (IJARET), Vol. 2, No. 1, pp: 498-502, ISSN No: 2348 – 8190, 2014.
4. V. Lavanya and **G. Anna Poorani**, “Dynamic Histogram Shifting for Reducing Distortion in Image Embedding”, in International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3, No. 4, pp: 3737-3742, ISSN: 2320-9801, April 2014.

International Conferences with ISBN

1. D. Thenmozhi, **G. Anna Poorani** K. Baskaran and Mr. Senthil Kumar, “User Model for Concepts and Personalized Search”, Proceedings of 4th International Conference on Computer Recognition systems (CORES '05), Sponsored by IAPR (International Association for Pattern Recognition), Springer – Verlag Publication, pp. 295-302, ISBN: 978-3-540-25054-8, 2005. **[Published]**
2. Krishnamoorthi R., **G. Anna Poorani** and Kannan N, “Transform Coding of Color Images with Orthogonal Polynomials in Different Color Spaces”, Proceedings of Second International Conference on Signal & Image Processing (ICSIP-2009), vol. 1, pp: 146-152, ISBN: 978_93_80043_26_5, 2009. **[Published]**
3. R. Krishnamoorthy, G. Annapoorani and Anil. K. Kaushik “Iris texture feature extraction with orthogonal polynomials”, International Conference on Image Processing, Computer Vision & Pattern Recognition (IPCV'13), Las Vegas, USA , July 22 – 25, ISBN: 1-60132-252-6, 1-60132-253-4 (1-60132-254-2), CSREA Press, Vol. 1, pp. 159-165, 2013.
4. S. Anjuga and **G. Anna Poorani** , “Effective Classification and Efficient Extrema features for Time Series Data Analysis” Proceedings of International Conference On Recent Computing and Communication Technologies (ICRCCT'14), St. Michael College of Engineering & Technology, vol: 2, pp. 252-257, ISBN: 978-93-80657-27-1, 16th April 2014. **[Presented]**
5. A. Jenciah and **G. Anna Poorani**, “Synthesis of iris images using Linear discriminant analysis”, Proceedings of International conference on recent trends in computer science and engineering, pp: 297 – 299, ISBN: 978-81-9089-807-2, 2 May 2014. **[Published]**

International Conferences without ISBN

1. S. Anjuga and **G. Anna Poorani**, “Mining Time Series Data To Extract Minmax Values For Analysis” Proceedings of International Conference On Recent Innovations In Engineering

(ICRIE'14), Sri Subramanya College of Engineering and Technology, 14th March 2014. **[Presented]**

2. S. Anjuga and **G. Anna Poorani** , “Effective Classification and Efficient Robust Extrema features for Time Series Data Analysis” Proceedings of International Conference On Power, Circuit and Communications (CENNOVA'14), Mahath Amma Institute of Engineering and Technology, pp. 133-136, 4th April 2014. **[Presented]**

National Conferences (with ISBN):

1. A. Lalitha, **G. Anna Poorani**, and N. S. Gowri Ganesh, “Intelligent Computing Models, Modeling of Automated Code Reviews Using Static Analysis Method“, Proceedings of National Conference on Intelligent Computing Models, pp: 193-198, Narosa Publisher House, ISBN: 978-81-7319-955-4, 2009. **[Published]**
2. G. Sudhakar and **G. Anna Poorani**, “Restructuring distributed object-oriented software using Bi-partition algorithm”, Proceedings of National Conference on Imaging, Computing, Object and Mining (ICOM'10), pp.471-479, ISBN: 978-93-80408-29-3, 2010. **[Published]**
3. **G. Anna Poorani**, B. Sakthikumar, B. Sathish, and R. Krishnamoorthy, “Iris Recognition by Characterizing Change Point Analysis”, National Conference on Biometrics, Theory, Applications and Systems (BTAS'11), ISBN: 978-81-920937-0-3, pp.68-71, 2011. **[Presented]**
4. Jincy J. Fernandez, **G. Anna Poorani**, and R. Krishnamoorthy, “A Simple Boundary Extraction Technique for Irregular Pupil Localization”, National Conference on Biometrics, Theory, Applications and Systems (BTAS'11), ISBN: 978-81-920937-0-3, pp.54-58, 2011. **[Published]**
5. **G. Anna Poorani**, and R. Krishnamoorthy, “Noise Analysis in Iris Databases”, National Conference on Biometrics, Theory, Applications and Systems (BTAS'11), ISBN: 978-81-920937-0-3, pp.49-53, 2011. **[Presented]**
6. R. Krishnamoorthy, **G. Anna Poorani**, D. Indradevi and R. Srithar, “Study on Rubber sheet and Trapezoidal model in Normalization of Iris images”, National Conference on Signal and Image Processing, Gandhigram Rural Institute-Deemed University, ISBN: 978-93-81361-90-0, pp. 202-207, 2012. **[Published]**

National Conferences (without ISBN)

1. S. Mohanavalli and **G. Anna Poorani**, “Semi-supervised Clustering, Proceedings of National Conference on Communications and Informatics (NCCI' 05), Sri Venkateswara College of Engineering, 2005. **[Published]**

2. P. Swapna Raj and **G. Anna Poorani**, “Sequential Pattern Mining in E-Commerce”, Proceedings of National Conference on Communications and Informatics (NCCI’ 05), Sri Venkateswara College of Engineering, 2005. **[Published]**
3. B. Siva Parvathi and **G. Anna Poorani**, “Data Mining using Genetic algorithms”, Proceedings of National Conference on Communications and Informatics (NCCI’ 05), Sri Venkateswara College of Engineering, 2005. **[Published]**
4. Lalitha, N. S. Gowri Ganesh and **G. Anna Poorani**, “Modeling of Automated Code Views”, Proceedings of National Conference on Intelligent Computing Models, Periyar University, 2008. **[Published]**
5. S. Russia and **G. Anna Poorani**, “Identification of the Mobile Location”, Proceedings of National Conference on advances in Communication and Computing, Karpagam College of Engineering, pp. 41-46, 2008. **[Published]**
6. S. Jeyashree and **G. Anna Poorani**, “Common Framework for measuring Structural and Conceptual Cohesion in Object Oriented Systems“, Proceedings of National conference on Excogitation in IT, King’s College of Engineering, 2009. **[Published]**
7. D. Dhinakaran and **G. Anna Poorani**, “Temporal Cluster Graph: A New technique for identifying trends in transactional data”, Proceedings of National Conference on Microwave and Optical Communication, Alagappa Chettiar College of Engineering and Technology 2009. **[Published]**
8. V. Sankari and **G. Anna Poorani**, “Curvelet Based Feature Extraction with 2DPCA for Face Recognition”, Proceedings of National Conference on Advanced Technologies (NCAT’10), 2010. **[Published]**
9. M. Abirami and **G. Anna Poorani**, “Simple feature extraction technique using POHMT”, Proceedings of National Conference KEYNOTE’13, Center for Applied Research & Education, 2013. **[Presented]**
10. A. Sathiya and **G. Anna Poorani**, “Identifying and Discriminating network traffic in Internet using Fuzzy Pattern Recognition”, Proceedings of SRESA National Conference on Reliability and Safety Engineering, pp: 331- 334, 2014. **[Presented]**

11. Seminar/Conference/Workshop

Conferences/Workshops/Seminar/ Short Term Refresher Course attended

Sl.No	Name of the faculty	Title of the Conferences /Workshops /Seminar	Details of the event
1.	G. Anna Poorani	AICTE Sponsored National Workshop on Modernizing the Curriculum of MCA	Organized by RCC, Anna University, Chennai during 10/03/2000 – 11/03/ 2000
2.	G. Anna Poorani	Faculty Value Addition Programme on Theory of computation	Organized by CSI Chapter, CIT campus, Taramani, Chennai during 26/11/2001 – 01/12/2001
3.	G. Anna Poorani	Workshop on Grid Computing	Organized by M.I.E.T., Anna University during 05/08/2004 – 06/08/ 2004
4.	G. Anna Poorani	Workshop on Image and Pattern Recognition	Organized by BIT, Bharathidasan University during 27/12/ 2006
5.	G. Anna Poorani	Workshop on XML and Web services	Organized by BIT, Anna University during 23/03/2007 – 25/03/2007
6.	G. Anna Poorani	National Workshop on Latest Trends in Video Processing – A New Direction for Research	Organized by New Horizon College of Engineering Bangalore during 7/03/2008– 8/03/ 2008
7.	G. Anna Poorani	AICTE sponsored Staff development programme on “Network Processors”	Organized by CAE, Anna University Tiruchirappalli during 18/12/2009 – 31/12/ 2009
8.	G. Anna Poorani	AICTE sponsored Staff development programme on “Recent Advancements in Intelligent Measurements and Control”	Organized by J. J. College of Engineering and Technology during 19/04/2010 – 30/04/ 2010
9.	G. Anna Poorani	AICTE sponsored Staff development programme on “Prospective Issues and Methodologies in Human Machine Interaction”	Organized by National Engineering College, Kovilpatty during 17/05/2010 –21/05/2010

10.	G. Anna Poorani	Workshop on Soft Computing Techniques: A Data Mining Perspective (SCT'12)	Organized by University College of Engineering , BIT Campus, Anna University, Tiruchirappalli during 20/10/2012
11.	G. Anna Poorani	National Seminar on Intellectual Property Rights and Biotechnology	Organized by University College of Engineering , BIT Campus, Anna University Tiruchirappalli during 22/02/ 2013
12.	G. Anna Poorani	TEQIP sponsored Workshop on Good Governance and Academic Excellence	Organized by Cresys Technologies, Bangalore during 29/08/2013 – 31/08/2013
13.	G. Anna Poorani	TEQIP sponsored FDP on “Recent Matlab Techniques to Engineering Applications”	Organized by Government College of Engineering, Bargur during 12.05.14 to 18.05.2014
14.	G. Anna Poorani	UGC sponsored Summer School on “Recent Advances in NanoSciences”	Organized by Madras University during 20.05.2014 to 09.06.2014

Conferences/Workshops/Seminar organised

Sl.No.	Title of the Conferences/Workshops/Seminar	Details of the event
1	Enterprise Management Solution in Indian Context (EMSIC'06)	18/03/2006 – 1 day
2	Workshop on Software Testing Methodologies (STM'10)	01/10/2010 – 02/10/ 2010 2 days
3	National Conference on Biometrics Theory, applications and Systems (BTAS'11)	11/03/2011 – 12/03/2011 2 days
4	Workshop on Image and Pattern Recognition (WIPREC'12)	13/10/2012 – 1 day
5	TEQIP sponsored Faculty Development Program on Digital Image Processing (DIP'13)	25/07/2013 - 31/07/2013 7 days
6	Workshop on Image and Pattern Recognition (WIPREC'14)	22/03/2014 – 1 day