

Resume

I General Information

Name : R. BARANI
Father's Name : V. Ramiah
Age & Date of Birth : 46 Years, 30.05.1971
Designation : Associate Professor
Department : Computer Science (Aided)
Email ID : baranisrinivasan1994@gmail.com
Service in other colleges : 3 Years 6 Months
Date of appointment : 16.12.1998
Date of retirement : 31.05.2029



II Educational Qualification

Examination Passed	Board/University	Subject	Year of Passing	Class / Percentage
SSLC	Board of Secondary Education, TamilNadu		1986	I
PUC/ Higher Secondary	Board of Higher Secondary Education, TamilNadu	Computer Science	1988	I
B.Sc	Madurai Kamaraj University, Madurai.	Computer Science	1991	I
M.C.A	Bharathidasan University, Trichy	Computer Applications	1994	I
M.B.A	Madurai Kamaraj University, Madurai.		2004	II
M.Phil	Mother Teresa Womens' University, Kodaikanal	Computer Science	2007	I
Ph.D	Madurai Kamaraj University, Madurai.	Computer Science	2017	
SLET	Bharathiar University, Coimbatore.	Computer Science	1997	

III Teaching Experience : UG : 21 Years
PG : 11½ Years
Field of Specialization : Image Processing

No. of articles published in Journals
International : 4

No. of papers presented in Conferences
International : 4

No. of articles published in Books / Conference Proceedings : 3

Articles Published

Title of the Article	Name of the Journal	Volume	Month & Year	ISSN/ISBN Number
Cluster Based Evaluation of Image Fusion Algorithms	IJCII- International Journal of Computational Intelligence and Informatics	Vol. 1, No. 4, pp. 280-286	January - March 2012	ISSN: 2231-0258 ISSN: 2349-6363
Evaluation of Spatial and Transform Fusion methods for Medical Images using Normalized Non-Reference Quality Metrics	IJCA - International Journal of Computer Applications	Vol.143, No. 13, pp. 21-28	June 2016	ISSN: 0975 - 8887
PET/CT Fusion using Pixel Level Adaptive Weighted Alpha Blending	IJSECT - International Journal of Science, Engineering and Computer Technology	Vol. 6, No.10, pp. 339-343	October 2016	ISSN: Print, ISBN: 2231-508X
A New Adaptive-Weighted Fusion Rule For Wavelet based PET/CT Fusion	IJSIP – International Journal of Signal Processing, Image Processing and Pattern Recognition,	Vol.9 No.11, pp. 271-282	2016	ISBN: 2005-4254 (Print) ISSN: 2207-970X (Online)

Papers Presented

Date	Seminar / Conference	Level	Title of the paper	Venue
21.03.'12 to 23.03.'12	IEEE Sponsored Conference – PRIME 2012	International	Qualitative Evaluation of Pixel Level Image Fusion Algorithms	Periyar University, Salem.
09.08.2013 to 11.08.2013	Elsevier Sponsored Conference – ICISP 2013	International	A Multi-gene, Multi-parameter Genetic Algorithm for Block-based Feature-level Image Fusion	University Visvesvaraya College of Engineering, Bangalore.

15.07.2016 & 16.07.2016	IOSRD Sponsored Conference – ICRTE SM 2016	International	Adaptive PET/CT fusion based on Metabolic Activity Measurement	The Hotel Heritage, Madurai
25.09.2017 to 27.09.2017	Springer Conference – ICCII 2017	International	Adaptive PET/CT Fusion using Empirical Wavelet Transform	JNTUH College of Engineering, Hyderabad

Articles Published in Books / Conference Proceedings

Year	Book Title / Conference	ISBN	Article Title
2013	Image and Signal Processing – Elsevier	978-93-5107- 106-8	A Multi-gene, Multi-parameter Genetic Algorithm for Block- based Feature-level Image Fusion
2018	Advances in Intelligent Systems and Computing – Springer	978-981-10- 8227-6	Adaptive PET/CT Fusion using Empirical Wavelet Transform

V Seminars/Conferences/Workshops attended

Date	Level	Name of the Seminar / Conference / Workshop	Venue
02.12.'09	Workshop	Curriculum Designing and evaluation for autonomous colleges	V.V.V. College for Women, Virudhunagar
20.08.'10 & 21.08.'10	National-Level Seminar	Recent Trends and Research Issues in Cyber and Data Security	National Engineering College, Kovilpatti
29.09.'10 & 30.09.'10	Workshop	Free Open Source Software	Mepco Schlenk Engineering College, Sivakasi
08.02.'11	National-Level Seminar	Research Issues in Computer Applications	Sri Meenakshi Government College for Women, Madurai
11.02.'11 & 12.02.'11	FDP	Image Processing Algorithms & its applications	K.L.N. College of Engineering, Madurai
31.10.'11 & 01.11.'11	FDP	Re-training Teacher's Programme	V.V.V. College for Women, Virudhunagar

30.01.'12	Inter-Collegiate Seminar	Current Research Issues in Data Mining and Image Processing	V.V.V. College for Women, Virudhunagar
06.03.'12 & 07.03.'12	National-Level Conference	Innovative Strategies in Teaching-Learning and Evaluation Process	V.V.V. College for Women, Virudhunagar
22.09.2015 & 23.09.2015	IEEE Sponsored workshop	Emerging Trends and Future Perspective in Image Processing and Computer Vision	Sai Ram Engineering College, Chennai.
16.12.2016	Workshop	Research Methodology in Computer Science & Information Technology	Madurai Kamaraj University, Madurai.
23.01.2017 to 25.01.2017	TEQIP II Sponsored Hands-on Workshop	Artificial Intelligence Tools	Thiagarajar College of Engineering, Madurai.
25.09.2017	Workshop	Computational Intelligence: Recent Trends	JHTUH College of Engineering, Hyderabad.
25.10.2017 & 26.10.2017	FDP	Mobile App Development	V.V.Vanniaperumal College for Women, Virudhunagar.
21.02.2019	International Seminar	Big Data Analytics	Madurai Kamaraj University, Madurai.

VI **Course attended (Refresher / Orientation / any other)**

Name of the Course	Venue	Duration
Orientation Course	Bharathiar University, Coimbatore	30.10.2001 – 26.11.2001
Refresher Course	Madurai Kamaraj University, Madurai	15.05.2002 – 04.06.2002
Refresher Course	Gandhigram Rural Institute – Deemed University, Gandhigram	04.02.2004 – 24.02.2004
Refresher Course	Madurai Kamaraj University, Madurai	20.02.2009 – 12.03.2009

VII **Role in Academic Bodies** :
As a member of Board of Studies :

University / College	Period	Board
Sri S. Ramasamy Naidu Memorial College, Sattur	2012 – 2016	M.Sc (C.S)
Vivekananda College, Tiruvedakam, Madurai	2010 – 2016	B.Sc (C.S)
Devanga Arts College, Aruppukottai	13.01.2012 to 12.01.2016	B.Sc (I.T)
The S.F.R. College for Women, Sivakasi	01.04.2011 to 31.0.2013,	B.C.A., M.C.A. & P.G.D.C.A.
The S.F.R. College for Women, Sivakasi	2018-2019	B.Sc (C.S)

X **Student – Oriented Service** :
Staff – in – charge of various activities in the

i. **Institution**

2010 – 11	RRC – Programme Officer
2011 – 12	RRC – Programme Officer
2012 – 13	ICT Forum In-charge
2013 – 14	College Extension Services
2014 – 15	
2017 – 18	College Youth Welfare, NAAC – CRITERIA IV
2018 – 19	IQAC – Senior Administrative Officer

ii. **Department**

2010 – 211	Department Library In-charge
2011 – 12	Department Association In-charge
2012 – 13	Department Library In-charge
2013 – 14	Department Association In-charge, Department Library In-charge
2014 – 15	Department Association In-charge, Department Library In-charge
2017 – 18	Department Association In-charge

Residential Address :

Mrs. R. BARANI

27/11, Kothai Illam

Jawahar Nagar, 8th street

Tirumangalam – 625 706.