

## Resume

### I General Information

Name : R. BARANI

Father's Name : V. Ramiah

Age & Date of Birth : 51 Years, 30.05.1971

Designation : Associate Professor

Department : Computer Science (Aided)

Mobile No : 9790429048

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 : 11 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 – ICRTESM 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
2016	Proceedings - IOSRD Sponsored Conference – ICRTESM 2016		Adaptive PET/CT fusion based on Metabolic Activity Measurement
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.
19.04.2020 to	FDP	R Programming	Spoken Student Project, IIT Bombay,

24.04.2020			MHRD, Govt. of India.
01.05.2020 & 02.05.2020	Online Workshop	Fuzzy Logic and Neural Network Approaches for Engineering Solutions	JAER & Hexacube India
04.05.2020 to 06.05.2020	FDP	Teaching, Learning and Evaluation	Arulmigu Palaniandavar Arts College For Women, Palani
10.05.2020 to 15.05.2020	FDP	Faculty Awareness Program on NAAC ACCrediation	Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune Dt, Maharashtra, India
11.05.2020 to 16.05.2020	FDP	Hands on exposure in Linux, LaTeX, R, Python, Biopython programming	Spoken Student Project, IIT Bombay, MHRD, Govt. of India.
14.05.2020 & 15.05.2020	FDP	Outcome Based Curriculum Design	V.V.Vanniaperumal College for Women, Virudhunagar
18.05.2020 to 20.05.2020	Webinar	CNN, RNN and NLP	Vivekanand College for Advanced Computer and Information Science, Surat.
25.05.2020 to 31.05.2020	FDP	User Experience Design and User Interaction Design	Kalasalinam Academy of Research and Education, Krishnankoil.
04.06.2020 to 11.06.2020	FDP	Outcome Based Education - A Paradigm Shift	Christ College of Science and Management, Alambady, Karnataka.
05.06.2020 & 06.06.2020	FDP	Digital age Transformation	Sri Meenakshi Government Arts College for Women (A), Madurai.
08.06.2020 to 14.06.2020	FDP	Institutional Benchmarking of Best Practices	Shree Mallikarjun & Shri. Chetan Manju

			Desai College, Canakona.
29.06.2020 to 17.07.2020	Workshop	Data Structuring and Analysis Tools	Christ College of Science and Management, Alambady, Karnataka.
	FDP	Inclusive Procedures and Processes in Assessment Accreditation by NAAC	St. Joseph's College (Autonomous), Tiruchirappalli
22.07.2020 to 24.07.2020	International Webinar	Transversal Trends	Nehru Institute of Engineering and Technology, Coimbatore, Tamil Nadu.

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

<b>Name of the Course</b>	<b>Venue</b>	<b>Duration</b>
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 :**

<b>University / College</b>	<b>Period</b>	<b>Board</b>
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	2012 - 2016	B.Sc (I.T)
The S.F.R. College for Women, Sivakasi	2011 - 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
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2011 – 12	RRC – Programme Officer
2012 – 13	ICT Forum In-charge
2013 – 14	College Extension Services
2017 – 18	College Youth Welfare, NAAC – CRITERIA IV
2018 – 19	IQAC – Senior Administrative Officer
2019 - 20	IQAC Coordinator
2020 - 21	IQAC Coordinator
2021 - 22	IQAC Coordinator

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, 8<sup>th</sup> street

Tirumangalam – 625 706.