



**R.RAJ BHARATH**

ASSOCIATE PROFESSOR  
Manakula Vinayagar Institute  
of Technology, Madagadipet,  
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**Professional Objective:**

Aspiring for an enthralling career in teaching profession apropos my capabilities and to give the best out of me.

**Career profile:**

To have an open-minded dynamic attitude towards the students, to challenge them and inspire them through lectures and motivate them to achieve intellectual knowledge.

**Educational qualification:**

Ph.D : Pursuing Ph.D in Rayalaseema University, Kurnool.

M.E./M.Tech : M.E (CSE) from Annamalai University in 2005.

B.E./B/Tech : B.E (CSE) from Annamalai University in 2002.

**Work experience: (starting from present position)**

S.No	Employer	Designation	Period of Service	Nature of Work
1	Manakula Vinayagar Institute of Technology	Associate Professor	June 2014- Till Date	Handling both Theory and Laboratory classes. M.Tech.(CSE) Co-od., Dreams Co-od. Dept NBA Co-od.
		Assistant Professor	May 2012 – May 2014	
2	St Peter's College of Engg and Tech, Chennai	Assistant Professor	April 2010 – April 2012	Handling both Theory and Laboratory classes. Department Incharge, ISO Co-od.
3	Swetha Institute of Technology for Women, Tirupati	Associate Professor	May 2009 – March 2010	Handling both Theory and Laboratory classes. Department Incharge.
4	Adhiyamaan College of Engineering, Hosur	Lecturer	June 2005 – April 2009	Handling both Theory and Laboratory classes, Class Advisor, NBA Co-od.

**Teaching Activities: (Subjects Taught)****(i) Under Graduate :**

Computer Organization and Architecture  
Computer Graphics  
System Software  
Software Engineering  
Software Testing  
Embedded Systems  
Image Processing  
E-Commerce  
Database management System  
Mobile Computing  
Information Security

**(ii) Post Graduate :**

Advanced DBMS  
Software quality Management  
Cryptography  
Trusted Internet  
Mobile Pervasive Computing

**(iii) Laboratories handled:**

Computer Graphics Lab  
System Software Lab  
DBMS Lab  
Embedded System Lab

**Major tasks handled:**

- M.Tech Co-ordinator at Manakula Vinayagar Institute of Technology.
- Session Incharge for IEEE Sporsored International Conference “ICSCAN’ 18”.
- Department Incharge in St Peters College of Engg & Tech,Chennai and Swetha Institute of Technology Tripathi.
- Acted as Anna university-Coimbatore and ISO Internal Auditor.
- Acted as a Project Co-ordinator for Final Year B.E Students.

**Paper Publications / Presentation:**

	<b>Published</b>	<b>Accepted</b>	<b>Communicated</b>	<b>Total</b>
International Journal	11			11
National Journal	-			-
International Conference	6			6
National Conference	5			5

**FDP/STTP/Workshops attended:**

<b>S. No</b>	<b>Type of the Programme</b>	<b>Organized by</b>	<b>Period (From – To)</b>
1	FDP on “Research and Consultancy”	ACE, Hosur.	21 & 22 OCT 2005
2	FDP on “Computer Architecture” sponsored by Centre for Faculty Development, Anna University-Chennai.	Sona College of Tech, Salem.	21-26 November 2005
3	National Workshop on “Recent Trends In Wireless Technologies”	ACE, Hosur.	7 April 2006
4	National Level Workshop on “Advanced Image Processing and Data Mining Applications”	ACE, Hosur.	19 August 2006
5	National Seminar on “Advances in Networking and Wireless Communications” sponsored by AICTE.	SMVEC, Puducherry	18 – 21 October 2006
6	National Workshop on ”Strategies of Software Engineering and Testing”	ACE, Hosur.	3 March 2007
7	National Workshop on “Data Mining and its Applications”	Annamalai University, Chidambaram.	21-22 March 2008
8.	FDP on “Problem solving in Core Computing”	ICT Academy of Pudhucherry	12-20 October 2012
9.	National Programme on Technology Enhanced learning	MVIT Puducherry	21 November 2012
10.	National Seminar on “Impact of Biometric using Image Processing” sponsored by AICTE	MVIT Puducherry	12-13 November 2013
11.	National Seminar on ”Current Scenario :Open Source Technologies”	MVIT Puducherry	17-18 April 2013
12.	FDP on “Recent Advances in Artificial Neural Networks”	MVIT Puducherry	22-April 2013 03- May 2013

13.	FDP on “Cloud Computing and Advanced JAVA”	ICT Academy of Pudhucherry	22 – 30 July 2013
14	National Workshop on “Research and Development in Engineering Institutions”	MVIT Puducherry	13-September 2014
15	National Seminar on “Research issues in Image Processing and Data Mining” sponsored by CSI	MVIT Puducherry	03-December 2014
16	FDP on “E-Literacy”	ICT Academy of Pudhucherry	07-09-January 2015
17	STTP program on Design Analysis of Algorithms	MHRD , Govt of India	20-May-2015 30-May-2015
18	FDP on “Web designing and Scripting using Java script and DHTML”	ICT Academy of Pudhucherry	24-November-2015 28-November-2015
19.	FDP on ”TEACH”	SEED Bangalore	15-June-2017 18-June-2017
20	FDP on “HADOOP horton works”	ICT Academy	07 –August 2017 11-August 2017

**Project Guidance:**

No. of B.E. Projects Guided: 42

No of M.E Projects Guided: 12

**Professional Membership:**

ISTE Chapter (*Membership No: LM 61438*).

## **International Journal:**

1. R.Raj Bharath , G.Dhivya “**Object Detection, Classification in Videos and its Parametric Evaluation Using MATLAB**” International Journal of Advance Research in Computer Science and Management Studies, Volume 2, Issue 1, January 2014. **ISSN: 2321-7782 Page No: 525-533**
2. Raj Bharath.R , Thanigaivel.K “**Feature Extraction Based Dynamic Recommendation for Analogous Users**” International Journal of Computer Science and Information Technologies, Vol. 5 (2) , 2014, **ISSN: 0975-9646 1358-1362.**
3. R.Raj Bharath,Vengatesh.G “**Robust 3D recognition**” *International Journal of Computer Sciences and Engineering* , Vol :3(5) pp :(223-226),**ISSN :2347-2693.**
4. R.Raj Bharath, D.Bavya , P.Bavani “**Moving Object Tracking Based on Gaussian Kernel and Template Modelling**” International Journal of Signal Processing, Image Processing and Pattern Recognition, Vol.9, No.2 (2016), pp.203-210. **ISSN : 2016-9218.**
5. Raj Bharath,K.Aravindhraj,D.Sankar,M.Santhosh Kumar “**Trees Leaves Extraction In Natural Images Based on Image Segmentation and Generating Its Plant Details**”, International Journal for Research in Applied Science & Engineering Technology Volume 4 Issue III, March 2016. **ISSN: 2321- 9653.**
6. R.Raj Bharath, P.Bavani” **Identification Of Object Movement Using Probability Density Function In Annf Estimation**”, International Journal of Applied Engineering Research,Vol:10,No20(15). **ISSN: 0973-4562.**
7. R.Raj Bharath, Heera “ **Identification Of Weed In Agricultural Field By Using Video Matting And Image Segmentation**”,International Journal of Advanced Research in Computer Science Engineering and Information Technology ,Volume:4,Issue:3,pp:991-998.**ISSN: 2321-3337**
8. R.Raj Bharath,L. Sankari “**Predicting Breast Cancer using Novel Approach in Data Analytics**” International Journal of Engineering Research and Technology, Volume 6, Issue 5, May 2017 *Page No: 72-76.*. **ISSN: 2278-0181**
9. R.Raj Bharath , L. Sankari “**Predicting Breast Cancer using Random and Logistics approach**” International Journal of Engineering science and Computing, Volume 7, Issue 4, April 2017 *Page No: 10708-713.* **ISSN: 2250-1371 .**
10. R.RajBharath,K.Indhumathy,S.Karthiga,J.Nandhini,A.Vinodhini “**Gestation Tracking System using Cloud Computing**” International Journal of Advance Engineering and Research Development,Volume 5,Issue 04, April 2018,*Page no:162-169.***ISSN:2348-6406.**

11.R.Raj Bharath,V.Bindu Sri,N.Kaliamma,K.Shafana Banu “**Thermal Image processing for Human Respiration rate Monitoring system**” International Journal of Advance Engineering and Research Development,Volume 5,Issue 04,April 2018, *Page no:280-287.ISSN:2348-6406.*

#### **National Conferences:**

1. R.Raj Bharath, “**Interactive Information retrieval using Implicit Feedback**” in “*ETICSE-06*”conducted by KSR college of Technology,Thiruchengode on 6 & 7 January 2006.
2. R.Raj Bharath “**Split Channel Pipelined Packet Scheduling for Wireless Networks**” in “*NCIT’08*”Conducted by Kalasalingam University, Krishnan kovil, on 8 & 9 February 2008.
3. R.Raj Bharath “**Split Channel Pipelined Packet Scheduling for Wireless Networks**” in “*NationalResearch conference on challenges & Innovations in IT*” conducted by Kongu college of Engg,Erode, on 16 February 2008.
4. R.Raj Bharath “**A New Multi-Channel Reservation Protocol to handle Traffic loads in Ad-HocNetworks**” in “*ETICSE*” conducted by KSR college of Technology, Thiruchengode, on 20 Feb2008.
5. R.Raj Bharath “**Satellite Network for Key Management**” in “*New Frontiers in Computing*”conducted by KSR College of Technology,Thiruchengode. On 23 September 2008.

#### **International Conferences:**

- 1.R.Raj Bharath, G.Dhakshanamurthy “ **Managing Issues for Emerging Secure Web applications**” in “*International Conferences on Computing, Communications and Advanced Network*” by Chennai Institute of Technology,Chennai from 15 March to 17 March 2013.
2. R.Raj Bharath, R.Srinivasan, K.Gugan “**A proposal on overcoming Data Consolidation Issues in Cloud Environment**”in“*International Conferences on Computing, Communications and Advanced Network*” by Chennai Institute of Technology, Chennai from 15 March to 17 March 2013.
- 3.R.RajBharath,G.Dhivya“**Moving object detection, classification and its parametric evaluation**”in “IEEE sponsored *International Conference on Information Communication and Embedded Systems (ICICES)2014*” by SA engineering College, Chennai from 27 February to 28 February 2014.
4. R.RajBharath ,Bhavani “**Identification Of Object Movement Using Probability Density Function In Annf Estimation**” In“DRDO Sponsored *2nd IEEE International Conference on*

*Innovations in Information, Embedded and Communication Systems ICIIECS'15*” by Karpagam College of Engineering Coimbatore, from 19 March to 20 March 2015.

6. R.RajBharath “**An ANNF estimation based on PDF and Gradient vectors for selective Object detection**” *International Conference on applied engineering, science and technology ICAEST'15*” by Madurai Institute of Engineering and Technology ,Madurai, on 13 April 2015.