



Dr.R.Balasubramanian ,B.E[Hons],M.E.,Ph.D

Professor

Department of Computer Science & Engineering

Area(s) of Research/Specialization – Digital Image Processing, Mobile

Computing, Machine Learning, Deep Learning

Date of Joining: 07/01/1994

Date of Retirement: 30/06/2026

E-Mail –rbalusubramanian@msuniv.ac.in

Experience	No. of year in Teaching: 35	No. of Years in Research : 30
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Project Details	a. Total No. of Projects: -	b. Total Project value: -
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Project Details for the period between Ay 2018-19 and Ay 2023-24

1.	-
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Publication details: No. of Books ____ (Best Five published during the period 2018-24)

1.	-
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Publication details:

Journal - International: 38	Journal - National: 1
Book Chapters: ____	Conference Proceedings: 20

Publication Credentials:

Citations : 308	h-Index: 9 ; i10-index: 9
Cumulative Impact Factor: 11	

Recent/Best Five Articles published during the period 2018 – 24:

1.	“Evaluation On Machine Learning and Deep Learning Techniques For Classification Of Pulmonary Diseases/Lung Disorders Using X-ray Images”, Journal of Clinical Otorhinolaryngology, Head and Neck Surgery, 2420-2447, 2023.
2.	“Feature Fusion Based Ensemble Method for Multi-Level Lung Diseases Classification of X-Ray Images Using Deep Learning”, International Neurology Journal, 331-349, 2023.

3.	“A novel double layered security for medical images using hybrid Stegano-Crypto technique”, International Journal of Health Sciences, 2550-6978, 2022.
4.	“A Modified Resnet (MRestNet) based Classification for Brain Tumor Dataset”, NeuroQuantology, Vol 20, Issue 15, Pg.No: 7750-7767, DOI: 10.14704/MQ.2022.20.15.NQ88767, 2022
5.	“Medical Image Security Using Dual Encryption with Oppositional Based Optimization Algorithm”, Journal of medical systems, Vol :42, Issue 11, Springer US, http://doi.org/10.1007/s10916-018-1053-z , 2018.

Research Guidance

No. of PhD Completed: 19	No. of PhD Pursuing: 3
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Conferences/Seminars/Workshops Participated during the period 2018-24

Organized	International: 15	National: 10
Participated	International: 38	National: 1

Academic Associations and Affiliations during the period 2018-24

1.	BOS Chairman, PG & UG (MCA & BCA) MSU Affiliated Colleges
2.	Ph.D Viva-Voce Examinations Examiner/ Expert : Anna University, Bharathiar University, Alagappa University, Annamalai University, Madurai Kamaraj University, Kerala University
3.	Examiner – Project Viva-voce Examinations PG of TN Engineering Colleges & Universities

Member - Editorial Board/Panel of Reviewer during the period 2018-24

1.	International Conferences – Technical Committee Member
2.	National & International Conferences – Journal Paper Reviewer
3.	National & International Conferences - Jury in Technical Papers Presentations

International Visits during the period of 2018 -24

S.No.	Country Visited	Purpose of Visit
1.	United States of America (2018)	Gathering knowledge about Western Culture & Interact with Professors in US Universities
2.	United States of America (2019)	Gathering knowledge about Western Culture & Interact with Professors in US Universities

Any Other Academic Achievements/Recognition during the period of 2018 -24

1.	Director – Centre for Admission, MSU (Since 2016)
2.	Director – CDOE & Director i/c – DDCE MSU (23.8.2021 – 1.12.2021)
3.	Prof. & Head i/c, CITE (Since 15.5.2023 to till date)
4.	Keynote Address – International Conferences (St.Xavier’s College (Palayamkottai), PSN College of Engineering & Technology(Tirunelveli), National Engineering College (Kovilpatti), Anna University (Nagercoil)
5.	Resource Person – Technical Talks related with Machine Learning & Deep Learning, Ubiquitous Computing