PROFILE OF Dr. P. KALAVATHI

(i)   Designation   :   Associate Professor & Head

(ii) Qualification   :   M.C.A., M.Phil., Ph.D.,

(iii) Experience   :   16 years Teaching, 3 years Research

(iv) Specialization   :   Digital Image Processing,
                                Medical Image Segmentation and Analysis

(v)   Email id   :   pkalavathi.gri@gmail.com

(vi) Research Guidance:

Degree	Awarded	Guiding
M.Phil	15	2
Ph. D	-	4

(vii) Publications

Sl. No.	Category	Total
1.	Books	3
2.	Chapter in Books	3
3.	No. of papers in Edited Volume / Proceedings	21
4.	No. of Publications in International and National Journals	37

Selected Publications

Sl. No	Title of the Article	Name of the Journal	I/N	ISBN/ ISSN	Vol.	Pages	Date, Month and Year
1	Review of Computational Methods on Brain Symmetric and Asymmetric Analysis from Neuroimaging Techniques	Technologies	I	2227-7880	5(16)	1-11	2017

2	Segmentation of Brain from MRI Head Images using Modified Chan-Vase Active Contour Model	International Arab Journal of Information Technology	I	1683-3198	13(6A)	858866		2016
3	Methods on Skull Stripping of MRI Head Scan Images – a Review	Journal of Digital Imaging, Springer	I	08971889 1618727X	29(3)	365-379		2016
4	Automatic Segmentation of Cerebral Hemispheres in MR Human Head Scans	International Journal of Imaging Systems and Technology - Neuroimaging and Brain Mapping	I	1098-1098	26	15–23		2016
5	Brain Segmentation in Magnetic Resonance Human Head Scans Using Multi-Seeded Region Growing	Image Science Journal	I	2229-791X	62(5)	273-284		2014
6	Contour Based Brain Segmentation Method for Magnetic Resonance Imaging Human Head Scans	Journal of Computer Assisted Tomography	I	1532-3145	37(3)	353-368		2013

(viii) Sponsored Project(s)

Major Projects handled so far		Major Projects handled during 2010-2017	
Nos.	Financial Outlay	Nos.	Financial Outlay
1	Rs. 22,02,000	1	Rs. 22,02,000

(ix) Details of Projects (2010-17)

S. No.	Title of the Project	Funding Agency	Duration	Total Amount in lakhs
1.	Development of Computational Methods for Automatic Detection and Classification of Alzheimer's disease	DST-SERB	2016-2020	Rs.22.02

(x)   Seminars/Conferences/Workshops organized :   4

(xi) Seminars/Conferences/Workshops attended :   39

(xii) Visits abroad   :   Sri Lanka

(xiii) Additional responsibilities:

- Head, Department of Computer Science & Applications, GRI-DU since March 23, 2017
- Member, Academic Council, GRI-DU since 2017
- Member, Academic Committee (Senate Member), Mother Teresa Womens University, Kodaikanal since March 2017
- NSS Programme Coordinator, GRI-DU since 2015
- Subject Coordinator, UGC-NET Coaching Class in Computer Science, GRI-DU since 2007
- Member, Local Management Committee, Working Women's Hostel, GRI-DU since July 2017
- Member, Advisory Committee, Gurukula System, GRI-DU since 2016
- Member, Advisory Committee, Shanti Sena, GRI-DU since 2016
- Member, Advisory Committee, Student Cultural Activities, GRI since 2016
- Member, Advisory Committee, HEPSN, GRI-DU since 2016
- Member, Advisory Committee, Cell for Cultural Arts, GRI-DU since 2016
- Member, Selection Committee, District level Youth Club Award, Nehru Yuva Kendra, Dindigul since 2016
- Member, Calendar Committee, GRI-DU since 2016
- Member, Student Grievance Redressal Committee, GRI-DU since 2016
- Member, Academic Council, GRI-DU from May 2012 to April 2014
- Member, Library Committee, GRI-DU since 2015
- Member, Purchase Committee, GRI-DU, 2013-2014

P.KALAVATHI