#### 1

## Application for

# EDITOR in CHIEF "ACM Transactions on Knowledge Discovery from Data"

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Dr. S.P.RAJA., B.Tech(IT)., M.E(CSE)., Ph.D(CSE)., MISTE.,

MBA(International Business)., MCA., M.Sc(Electronics & Communication)., M.Sc(Bio-Informatics)., M.A(English).,

Application for: EDITOR IN CHIEF - ACM TKDD

**Publications:** 

Journals: SCIE with IF - 78 (Eight as First Author)

SCOPUS with IF - 49 (Six as First Author)

Conferences: International - 28

National - 13

Book Chapters: **01** 

Countries Visited: Italy and Holland

Links:

SCOPUS id: <a href="https://www.scopus.com/authid/detail.uri?authorld=56018474300">https://www.scopus.com/authid/detail.uri?authorld=56018474300</a>
Google Scholar: <a href="https://scholar.google.co.in/citations?hl=en&user=9WVfpR4AAAAJ">https://scholar.google.co.in/citations?hl=en&user=9WVfpR4AAAAJ</a>
Research ID: <a href="https://publons.com/researcher/2952092/s-p-raja/publications/">https://publons.com/researcher/2952092/s-p-raja/publications/</a>

ORCID: https://orcid.org/0000-0002-7216-2207

**Current Positions:** 

Associate Editor of IEEE SMC Magazine, USA

Associate Editor of Int. J. of Image & Graphics (WorldScientific, Singapore)

Associate Editor of Int. J. of Biometrics (InderScience, UK)

**Associate Editor of ADCAIJ, Spain** 

Editorial Board Member of Int. J. of CSysE (InderScience, UK)

Editorial Board Member of Int. J. of Data Mining, Model. Mgmt (InderScience, UK)

Editorial Board Member of Int. J. of Blockchains and Cryptocur. (InderScience, UK)



#### **EDUCATIONAL QUALIFICATION**

Programme	Subject / Specialization	Mode & Duration	% of Marks & Class	Certificate Number	Board / Institution
Ph.D	Computer Science and Engineering	Part Time	Ph.D Awarded on 14.11.16	8101 (RN)  Date of Registration: 07.05.2011	Manonmaniam Sundaranar University, Tirunelveli
M.E	Computer Science and Engineering	Part Time 2007-2010	80.47 (5793 / 7200) First with Distinction	2776 (RN) CSCB0001032 (MN) PC00080189 (PN)	Manonmaniam Sundaranar University, Tirunelveli
B.Tech	Information Technology	Regular 2003-2007	<b>71</b> (3200 / 4500) First	95403205028 (RN) E145072 (PN)	Anna University, Chennai  Dr. Sivanthi Aditanar College of Engineering, Tiruchendur
HSC	Tamilnadu State Board	Regular 2003	86.33 (1036 / 1200) First with Distinction	452570 (RN) 0046936 (MN)	Sacred Heart Higher Secondary School, Sathankulam
SSLC	Tamilnadu State Board	Regular 2001	91 (455 / 500) First with Distinction	065884 (RN) 1107515 (MN)	Sacred Heart Higher Secondary School, Sathankulam

#### **ADDITIONAL EDUCATIONAL QUALIFICATION**

Programme	Subject / Specialization	Mode & Duration	% of Marks & Class	Certificate Number	Board / Institution
M.B.A	International Business	Distance 2008-2010	<b>62</b> (1308 / 2100)	083280015 (RN)	Alagappa University, Karaikudi
		2006-2010	First		Naraikuui
M.C.A	Computer	Distance	<b>82</b> (656 / 800)	716M10042600015	Annamalai University,
	Application	2009-2010 First with Distinction		(RN)	Chidambaram
M.Sc	Electronics and	Distance	<b>66</b> (1055 / 1600)	10C543005 (RN) MTU1339166 (MN)	Madurai Kamaraj
Communication   2010 2012		First	MRK622793 (PN) RR20074210 (DN)	University, Madurai	
M.A	English	Distance	<b>54</b> (538 / 1000)	PNS 10051701 (RN) PG0158266 (MN)	Bharathidasan University,
	g	2010-2012	Second	PA 8566 (PN) 98EE0 – 733688 (DN)	Trichy
M.Sc	Bio-Informatics	Distance	<b>67.9</b> (679 / 1000)	12MBI1002 (RN) 23658 (MN)	Bharathiar University,
	_ 12	2012-2014	First	57377 (PN)	Coimbatore

<sup>\*</sup> RN – Register Number, MN – Mark Statement Number, PN – Provisional Certificate Number, DN – Degree Certificate Number

#### **TEACHING EXPERIENCE IN ENGINEERING COLLEGES**

Post Held	Name of the	Peri	od	Total Experience in
Post neid	Organization	From To		Years / Months
Present Assignme	ent			
Associate	VIT University, Vellore	03.06.21	Till Date	-
Professor  Past Experience	•			
Associate Professor	Vel Tech University, Chennai	04.06.18	08.05.21	2 Years 11 Months 17 Days
Associate Professor	Kalasalingam University, Srivilliputhur	22.06.16	15.05.18	1 Years 10 Months 23 Days
Assistant Professor	Jayaraj Annapackiam CSI College of Engineering, Nazareth	01.01.13	10.06.16	3 Years 5 Months 9 Days
Lecturer	Jayaraj Annapackiam CSI College of Engineering, Nazareth	14.07.10	31.12.12	2 Years 5 Months 17 Days
Lecturer	National College of Engineering, Maruthakulam	04.06.07	06.07.10	3 Years 1 Month 2 Days  (Experience Certificate dated 06.07.2010)  Ref: NCE/OS/SC/35/2010-11
Total Tea	aching Experience in Enginee	ring College:	S	16 Years 00 Months

#### **WORKING EXPERIENCE IN INTERNATIONAL ORGANIZATIONS**

Post Held	Name of the	Period		Total Experience in
Post neid	Organization	From	То	Years / Months
Volunteer	XENA, Padua, Italy	08.08.13	24.10.13	0 Years 3 Months (Ex. Cert. dt. 23.10.2013)

## **WORKING EXPERIENCE IN NATIONAL ORGANIZATIONS (Part Time)**

Post Held	Name of the Organization	Period		Total Experience in	
Post neid	Name of the Organization	From	То	Years / Months	
Joint Secretary	AID INDIA, Sattankulam,	01.06.07	Till Date	7 Years 10 Months	
(Part Time)	India	01.00.07	Till Date	T Tears TO MORITIS	
Co-ordinator	MS University Study	03.07.13	Till Date	1 Year 9 Months	
(Part Time)	Centre, Sathankulam	03.07.13	Till Date	i i eai 9 Months	

#### **DETAILS OF VISIT TO OTHER COUNTRIES**

Countries Burnoss of Visit		Period		Total David	
Visited	Purpose of Visit	From	То	Total Period	
Italy	Volunteer & Resource Person	08.08.13	24.10.13	3 Months	
Holland	Resource Person	08.10.13	12.10.13	4 Days	

#### **DETAILS OF ONLINE PROGRAMS ATTENDED**

Name of the Institution	Topic	Date
StandFord University, USA	Cryptography	March 25, 2013
University of Minnesota	Sustainability of Food Systems	May 2013

#### **DETAILS OF INTERNATIONAL TRAINING PROGRAMS ATTENDED**

Detail	Level	Institution / Organization
EVS Training and Italian Language Training	EVS Program	Modavi, Italy

#### **DETAILS OF INTERNATIONAL SEMINARS / CONFERENCES ORGANIZED / PRESENTED**

Name of the Programme	Date	Institution / Organization
Seminar on Indian Culture	11 Sep 2013	XENA, Padua, Italy
Seminar about Leadership	28 August 2013	Modavi, Rome, Italy
Seminar on Volunteering Opportunities in India	19 Sep 2013	Liceo Scientifico Ulivi, Parma, Italy
Seminar in Micro Finance	17 August 2013	University of Padova, Italy
Seminar about Micro Credit Program	16 October 2013	Energia, Rome, Italy
Seminar about Entrepreneurship	9 October 2013	DreamWeb, Holland
Seminar about the Activities of AID INDIA	10 October 2013	Kennedy Law Foundation, Holland
Seminar about Child Education	11 October 2013	ATOS, Holland

#### **DETAILS OF PUBLICATIONS** (Refer Annexure 1, 2, 3, 4 & 5)

Type of Publications	Published / Accepted	Attended	Communicated
Papers in International Journals	128 <b>78- SCIE</b> <b>49- SCOPUS</b>	-	07
Papers in International Conferences	28	•	-
Papers in National Conferences	13	•	-
Seminars / Workshops Attended	-	13	-
Book Chapter Publication	1	-	-
Total Papers in Journals / Conferences	168		

#### **DETAILS OF GUEST LECTURERS DELIVERED**

Name of the Institution	Topic	Date
Dr. Sivanthi Aditanar College of Engineering,	Applications of Embedded	12.03.2012
Tiruchendur	System in Bio-Medical	12.03.2012
Govindammal Aditanar College for Women,	Applications of Information	22.09.2012
Tiruchendur	Technology in Medical	22.09.2012
St. Xavier's Polytechnic College, Seithunganallur	Introduction to Cryptography	21.09.2011
M.E.T Engineering College, Aralvoimozhi	Recent Trends in IT	26.02.2013
Wavoo Wajeetha Women's College of Arts	Recent Trends in CSE	15.09.2014
Thamirabharani Engineering College, Nellai	Medical Electronics	22.09.2014
John Thomas College of Education,	Technology Development	06.01.2015
Meignanapuram	reciniology Development	00.01.2015
A.P.C. Mahalakshmi College for Women, Tuticorin	Placement Training	28.08.2015

#### **DETAILS OF NATIONAL SEMINARS / CONFERENCES ORGANIZED**

Name of the Programme	Date	Institution
National Conference on Emerging IT NICEIT'10	21 March	National College of
National Conference on Emerging IT – NCEIT'10	2010	Engineering, Maruthakulam
One Day Seminar in Recent Trends in	18 Sep	National College of
Telecommunication	2009	Engineering, Maruthakulam
Symposium – ITANIAN'09	12 August	National College of
Symposium – mainian 09	2009	Engineering, Maruthakulam
National Conference on Recent Trends in	10 April	Jayaraj Annapackiam CSI
Information and Communication Engineering	2013	College of Engineering,
Information and Communication Engineering	2013	Nazareth
Seminar on Communication	02 August	AVE MARIA Matriculation
Germinal on Communication	2013	School, Satankulam
International Workshop on The Future depends on	21 Dec	AVE MARIA Matriculation
What we do in the Present	2013	School, Satankulam
International Workshop	04 Jan	AVE MARIA Matriculation
International Workshop	2014	School, Satankulam
International Seminar	24 Jan	MS University – AID INDIA,
International Seminal	2015	Satankulam
International Conference on Recent Trends in	27 Mar	Jayaraj Annapackiam CSI
Information and Communication Engineering – ITICE	27 Iviai 2015	College of Engineering,
·15	2013	Nazareth
National Workshop on Android Mobile Application	17-18 Mar	Jayaraj Annapackiam CSI
Development	2016	College of Engg, Nazareth

#### **PROFESSIONAL EXAMS**

Name of the Exam	Subject / Specialization	Year	Mark & Score
Graduate Aptitude Test in	Computer Science and Information	2012	13.33 & 67
Engineering (GATE)	Technology		10.00 0.01

#### **SOFTWARE EXPOSURE & OTHER SKILLS**

OS	Win 7 / XP / 2000 / 2003, DOS
Packages	Oracle, MS Office
Languages	C, C++, Visual Basic, MATLAB
Typewriting	Tamil (Higher) and English (Higher)

#### **ACHIEVEMENTS**

Subject	Marks	Rank	Year	Level
Object Oriented Analysis and Design	86 / 100		April 2009	M.E(CSE)
Network Security	81 / 100	II	April 2009	M.E(CSE)
Data Mining & Data Warehouse	84 / 100	ı	April 2009	M.E(CSE)
Digital Image Processing	83 / 100	II	April 2008	M.E(CSE)
Principles of Communication	76 / 100	III	November 2004	B.Tech (IT)
English	165 / 200	II	March 2003	HSC
Tamil	92 / 100	ı	March 2001	SSLC
English	93 / 100		March 2001	SSLC

#### CONTRIBUTION TO THE DEPARTMENT AND TO MY STUDENTS

Name of the Activity	Participatory Level
Give the details of the Exams like GATE, CAT, MAT, TOEFL, IELTS, JTO, NET, SET, PSU, TNPSC etc.	Group Leader
Give the details regarding Business Schools, Student Scholarship and Job Websites	Group Leader
Give the details regarding National / International Magazines like IT NEXT, ELECTRONICS FOR YOU, DIGIT, GEO, NAT GEO, SANCTUARY, SAEVUS etc	Group Leader
Give the details regarding the preparation of Conference Papers and Research Projects	Group Leader
Give the details regarding the Communication and Personality  Development	Group Leader
Give the details regarding Conferences, Seminars, Workshops, Symposiums, Placement Training and Campus Interviews	Group Leader

## **DETAILS OF INPLANT TRAINING AND PROJECTS** (in the UG level)

Detail	Level	Institution / Organization
Inplant Training in the areas of	UG (B.Tech – IT)	Micron Technologies,
Embedded System Organization	OG (B.Tech = 11)	Coimbatore
Finance System using Oracle	UG (B.Tech – IT)	Dr. Sivanthi Aditanar College of
Finance System using Oracle	UG (B.Tech = II)	Engineering, Tiruchendur
Image Watermarking using Fractal	UG (B.Tech – IT)	Dr. Sivanthi Aditanar College of
Image Compression	OG (B. Tech – II )	Engineering, Tiruchendur

#### **DETAILS OF INPLANT TRAINING AND PROJECTS** (in the PG level)

Detail	Level	Institution / Organization
Performance Evaluation of SPHIT, EZW & SOFM Compression Techniques	PG (M.E – CSE)	Manonmaniam Sundaranar University, Tirunelveli
Analysis of Efficient Wavelet based Image Compression Techniques	PG (M.E – CSE)	Manonmaniam Sundaranar University, Tirunelveli

#### **DETAILS OF PUBLICATIONS IN NATIONAL / INTERNATIONAL MAGAZINES**

Name of the Magazine	Issue	Title	Section	Page Number
SAEVUS	September 2014	Importance of Nature & Wildlife	Letters @ Wild	13

#### **AREA OF INTEREST AND EXTRA CURRICULAR ACTIVITIES**

Area of Interest	Cryptography and Network Security Computer Networks Image Processing Computer Architecture
Extra Curricular Activities	I read Literature Books and Magazines I am very much interested in Nature & Wildlife

#### MEMBERSHIP OF PROFESSIONAL BODIES

Name of the Body	Number	Period / Year
Indian Society for Technical Education (ISTE)	LM 60023	Life Time

#### **REFERENCES**

	Reference I	Reference II
Name and	Prof. Dr. V. Ramachandran	Prof. Dr. A. Suruliandi
	Professor, Department of CSE	Professor, Department of CSE
Address	Former Director	Manonmaniam Sundaranar University,
	National Institute of Technology	Tirunelveli
	Mail: rama5864@gmail.com	Mail: suruliandi@yahoo.com

#### **DECLARATION**

I hereby declare that the information furnished above is true to the best of my knowledge.

Signature of the Applicant

(Dr. S.P.RAJA)

ANNEXURE - I

Details of Papers Published in National Conferences

S.No.	Name of the National Conference	Paper Title	Date	Publisher/College Name	Proof
1	National Conference on Computing Techniques and Systems (CTS'09)	Image Compression from DCT to Wavelets	24 <sup>th</sup> April 2009	Muthayammal Engineering College, Namakkal	Conference Certificate
2	First National Conference on Intelligent Computing and Control for Engineering Applications – NCICE'09	Pervasive Computing in Real World – A case of Study	13, 14 August 2009	Anna University, Coimbatore	Conference Certificate
3	National Conference on Role of Technical and Management Institutions in Cultivating Entrepreneurs	Entrepreneurship: A case of Study	18, 19 September 2009	VLB Janakiammal College of Engineering and Technology, Coimbatore	Conference Certificate
4	National Conference on Advanced Computing	A Comparative study on EZW, SPIHT, WDR & ASWDR Algorithms	10 <sup>th</sup> October 2009	Dr. Sivanthi Aditanar College of Engineering, Tiruchendur	Conference Certificate
5	National Conference on Advanced Computing	A Comparative analysis on Image Segmentation Algorithms	10 <sup>th</sup> October 2009	Dr. Sivanthi Aditanar College of Engineering, Tiruchendur	Conference Certificate
6	National Conference on Advanced Intelligent System	Performance Evaluation of SPIHT & EZW Algorithms	December 15-16, 2009	Dr. Sivanthi Aditanar College of Engineering, Tiruchendur	Conference Certificate
7	National Conference on Integrated Intelligent Computing	A Survey on E-commerce Applications and its Issues	4-5 March, 2011	Dr. Sivanthi Aditanar College of Engineering, Tiruchendur	Conference Certificate
8	National Conference on Soft Computing	A Real time Drowsiness Deduction System	8-9, March 2011	Dr. Sivanthi Aditanar College of Engineering, Tiruchendur	Conference Certificate
9	National Conference on Emerging Technologies in Information and Computing – NCETIC 2011	A Comparative analysis on two level Decision algorithm and session Scheduling algorithm of Grid Computing	30 March 2011	Sree Sowdambika College of Engineering, Aruppukottai	Conference Proceedings
10	National Conference on Emerging issues in Computer Applications – EJCA 2011	A Survey on Grid Computing and its Applications	February 10, 2011	K.S.R College of Engineering, Tiruchengode	Conference Certificate
11	National Conference on Computer Communication and Informatics – NCCCI 2011	A Comparative study on Wavelet based Image compression Techniques and its Applications	February 11, 2011	RVS College of Arts and Science, Coimbatore	Conference Certificate
12	National Conference on Computing Paradigms'12	SPIHT and its Derivate Encoding Technique role in Wavelet based Image Compression	29 June 2012	Kumaraguru College of Technology, Coimbatore	Conference Certificate
13	National Conference on Challenges & Innovations in Information Technology – CIIT 2010	Detection of Structural Clones to improve Software Maintainability	March 25, 2010	Kongu Engineering College, Erode	Conference Certificate

ANNEXURE - II

Details of Papers Published in International Conferences

S.No.	Name of the International Conference	Paper Title	Date	Publisher/College Name	Proof
1	International Conference on Biotechnological Solutions for Environmental Sustainability	-	October 21-23, 2009	VIT University, Vellore	Conference Certificate
2	International Conference on Computing Technologies – ICONCT'09	A Comparative Study on EZW, SPIHT, WDR & ASWDR Algorithms	December 9- 11, 2009	Mepco Schlenk Engineering College, Sivakasi	Conference Certificate
3	International Conference on Computing Technologies – ICONCT'09	Comparing the Efficiency of Classification algorithms using Decision Trees	December 9- 11, 2009	Mepco Schlenk Engineering College, Sivakasi	Conference Proceedings
4	International Conference on Emerging Trends in Teaching Language & Literature – INCOETTLL'09	Modern Teaching and Research Training within the Maritime & Transport Section	December 4-5, 2009	Alagappa University, Karaikudi	Conference Certificate
5	International Conference on Emerging Trends in Teaching Language & Literature – INCOETTLL'09	Modern Teaching Learning approaches in Primary Schools	December 4-5, 2009	Alagappa University, Karaikudi	Conference Certificate
6	International Conference on Emerging Trends in Teaching Language & Literature – INCOETTLL'09	Modern Teaching and Training in Engineering	December 4-5, 2009	Alagappa University, Karaikudi	Conference Certificate
7	International Conference on Computing Control and Telecommunication Technologies, ACT 2009	Wavelet based Image Compression: a comparative study	December 28- 29, 2009	Association of Computer Electronics and Electrical Engineers (ACEEE)	Conference Certificate
8	International Conference on Computing, Communication and Information Technology Applications – CCITA 2010	Performance Evaluation of Image Segmentation Algorithms	January 21-23, 2010	VLB Janakiammal College of Engineering and Technology, Coimbatore	Conference Certificate
9	International Conference on Computing, Communication and Information Technology Applications – CCITA 2010	Image Compression using SPIHT and EZW	January 21-23, 2010	VLB Janakiammal College of Engineering and Technology, Coimbatore	Conference Certificate
10	International Conference on Information Science and Applications – ICISA 2010	Image Watermarking by using DCT	February 6, 2010	Panimalar Engineering College, Chennai	Conference Certificate
11	International Conference on Innovation and Inclusion in Banking: Issues, Strategies and Options	-	February 3, 2011	Kannur University, Kerala	Conference Certificate
12	International Conference on 4G Wireless Computer Networks	Performance Evaluation SOFM Image Compression Technique	4-5 March, 2011	Kamban Engineering College, Thiruvannamalai	Conference Certificate
13	International Conference on Advances in Computer Engineering – ACE	Image Compression using WDR & ASWDR Techniques with different Wavelet Codecs	August 25, 2011	Association of Computer Electronics and Electrical Engineers (ACEEE)	Conference Certificate

14	International Conference on Computing, Communication and Networking Technologies	Analysis of Efficient Wavelet based Image Compression Techniques	29-31 July 2009	Chettinad College of Engineering & Technology, Karur	Conference Certificate
15	IEEE International Conference on Communication Control and Computing Technologies	Performance Evaluation on EZW and WDR Image Compression Techniques	7-9 October 2010	Syed Ammal Engineering College, Ramanathapuram	Conference Certificate
16	International Conference on Rural Markets – ICRM 2010	Exploring Rural Markets for Growth and Inclusion	29-30 November 2010	Mahatma Gandhi University, Kottayam	Conference Certificate
17	Software Testing International Conference – Bug de Bug	-	29 January 2011	Bug de Bug	Conference Certificate
18	International Conference on Computational Systems and Communication Technology CSCT	A Router Based Algorithm for Distributed Denial of Service Attack	May 5, 2010	Einstein College of Engineering, Tirunelveli	Conference Certificate
19	International Conference on Computational Systems and Communication Technology CSCT	Interactive Web based Virtual Classroom System	May 8, 2010	CAPE Institute of Technology, Tirunelveli	Conference Certificate
20	International Conference on Intelligent Information Systems and Management – IISM '10	Image Compression using SPIHT and WDR	10-12 June 2010	RVS College of Engineering and Technology, Coimbatore	Conference Certificate
21	International Conference on Embedded Systems ICES 2010	Study and Analysis of Wavelet based Image Compression Techniques	14-16 July 2010	Coimbatore Institute of Technology, Coimbatore	Conference Certificate
22	International Conference	Entrepreneurship and its Applications	December 28- 29, 2009	Annamalai University, Chidambaram	-
23	International Conference on Design and Application of Structures, Drives, Communicational and Computing Systems – ICDASDC 2012	Empirical Study on various Image Segmentation Techniques	21-22 December 2012	KLN College of Information Technology, Maduai	Conference Certificate
24	International Conference on Design and Application of Structures, Drives, Communicational and Computing Systems – ICDASDC 2012	Performance of Evaluation of SPECK Encoding Technique with Different Multiscale Transforms	21-22 December 2012	KLN College of Information Technology, Maduai	Conference Certificate
25	MIEL 2023 https://miel.elfak.ni.ac.rs/Home	A Machine learning approach to spam detection in social media feeds	Accepted for publication	Serbia	Accepted
26	Second International Conference on Augmented Intelligence and Sustainable Systems	Design of Passive Cell Balancing for 48V Lithium Batteries for EV/Drones Applications	23-25 August, 2023	Trichy	Published

ANNEXURE – III (A)

S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
1	International Journal of Wavelets, Multiresoultion and Information Processing	Empirical Evaluation of EZW and other Encoding Techniques in Wavelet based Image Compression Domain  IJWMIP-D-14-00018	A. Suruliandi S.P.Raja*	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.463	Published on 21 April 2015 Volume 13 Issue 02, March 2015 https://doi.org/10. 1142/S021969131 5500125
2	International Journal on Artificial Intelligence Tools	User Click and Bookmark based Personalization using Modified Agglomerative Clustering for Web Search Engine IJAIT-D-16-00106	T. Dhiliphan Rajkumar* S.P.Raja A. Suruliandi	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.778	Published on 12 December 2017 Volume 26 Issue 6, December 2017 https://doi.org/10. 1142/S021821301 7300022
3	Journal of Circuits Systems and Computers	Internet of Things: Challenges Issues and Applications WSPC-JCSC-D-16-00730	S.P.Raja*  T. Dhiliphan Rajkumar  K. Vivek Pandiyaraj	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.470	Published on 9 February 2018  Volume 27 Issue 12, November 2018  https://doi.org/10. 1142/S021812661 8300076
4	International Journal of Ad Hoc and Ubiquitous Computing	Internet of Things: a Research Oriented Introductory IJAHUC - 191612	S.P.Raja*  T. Sampradeepraj	InderScience (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.705	Published on 2018  Volume 29 Issue 1/2, 2018  https://doi.org/10. 1504/IJAHUC.20 18.094393
5	International Journal of Wavelets, Multiresoultion and Information Processing	Secured Medical Image Compression using DES Encryption Technique in Bandelet Multiscale Transform IJWMIP-D-17-00239	S.P.Raja*	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.463	Published on Mar 1, 2018 Volume 16 Issue 4, 2018 https://doi.org/10. 1142/S021969131 8500285

<sup>\* -</sup> Corresponding Author

S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
6	SADHANA Springer	Joint Medical Image Compression-Encryption in the Cloud using Multiscale Transform based Image Compression Encoding Techniques	S.P.Raja*	Indian Academy of Sciences (SCIE Indexed) Thomson Reuters	Published on Feb 1, 2019 Volume 44 Issue 2, 2019
		SADH-D-17-01690		(Unpaid) Impact Factor – 0.592	https://doi.org/10 .1007/s12046- 018-1013-9
7	International Journal of Wavelets, Multiresoultion and Information Processing	Texture Classification using the Rotational-invariant Local Symmetric Tetra Pattern  IJWMIP-D-18-00309	A. Suruliandi* A. Sinduja S.P.Raja	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)	Published on April 17, 2019 Volume 17 Issue 4, 2019
			3	Impact Factor – 0.463	https://doi.org/10. 1142/S021969131 9500279
8	International Journal of Wavelets, Multiresoultion and Information Processing	Multiscale Transform based Secured Joint efficient Medical Image Compression- Encryption using Symmetric key Cryptography and EBCOT Encoding Technique IJWMIP-D-19-00051	S.P.Raja*	World Scientific (SCIE Indexed)  Thomson Reuters (Unpaid)  Impact Factor – 0.463	Published on May 28, 2019  Volume 17  Issue 5, 2019  https://doi.org/10. 1142/S021969131 9500346
9	International Journal of Wavelets, Multiresoultion and Information Processing	Gabor oriented Local order Features based Deep Learning for Face Annotation IJWMIP-D-18-00309	A. Kasthuri* A. Suruliandi S.P.Raja	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.463	Published on June 3, 2019  Volume 17 Issue 5, 2019  https://doi.org/10. 1142/S021969131 9500322
10	International Journal on Artificial Intelligence Tools	Constructive Lazy Wolf Search Algorithm for Feature Selection in Classification IJAIT-D-18-00093	H. Benjamin Fredrick David * A. Suruliandi S.P.Raja	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.778	Published on August 31, 2019  Volume 28 Issue 5, 2019  https://doi.org/10. 1142/S021821301 9500167

<sup>\* -</sup> Corresponding Author

S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
11	Journal of Circuits Systems and Computers	Machine Learning Techniques for Assisted Reproductive Technology – A Review WSPC-JCSC-D-19-00502	K. Ranjini* A. Suruliandi S.P.Raja	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 1.363	Published on September 16, 2020  Volume 29 Issue 11, 2020  https://doi.org/10. 1142/S021812662 030010X
12	Information Technology and Control	On Improving Reliability in Multicast Routing Protocol for Wireless Sensor Network ITC-79627-1-18	T. Sampradeepraj * S.P. Raja	(SCIE Indexed) Thomson Reuters (Paid) Impact Factor – 0.707	Published on June 16, 2020  Volume 49 Issue 2, 2020  DOI: https://doi.or g/10.5755/j01.itc. 49.2.24111
13	International Journal of Wavelets, Multiresoultion and Information Processing	Bezier and B-Spline curves – a study and its application in Wavelet Decomposition IJWMIP-D-19-00134	S.P.Raja*	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.463	Published on July, 2020 Volume 18 Issue 4, 2020 https://doi.org/10. 1142/S021969132 0500307
14	International Journal of Wavelets, Multiresoultion and Information Processing	An Efficient Novel Color Image Encryption Algorithm based on 3D Lu Chaotic Dynamical System and SHA- 512 IJWMIP-D-20-00038	K. Sundarakrishn an* B. Jaison S.P.Raja	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.463	Published on September, 2020  Volume 18     Issue 5, 2020  https://doi.org/10. 1142/S021969132 0500423
15	Information Technology and Control	Secured Color Image Compression based on Compressive Sampling and Lu System ITC-25901	K. Sundarakrishn an*  B. Jaison  S.P.Raja	(SCIE Indexed) Thomson Reuters (Paid) Impact Factor – 0.707	Published on September, 2020 Volume 49 Issue 3, 2020 https://doi.org/10. 5755/j01.itc.49.3. 25901

<sup>\* -</sup> Corresponding Author

# ANNEXURE – III (A) Contd.... Details of Papers Published in Reputed International Journals (SCIE Indexed - FREE)

S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
16	International Journal of Interactive Multimedia and Artificial Intelligence	A word embedding based approach for focused web crawling using Recurrent Neural Network IJIMAI – P0365	P.R. Joe Dhanith* B. Surendiran S.P.Raja	(SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.5	Published on June 2021 Volume 6 Issue 6, 2021 10.9781/ijimai.20 20.09.003
17	Journal of Circuits Systems and Computers	Balancing Assisted Reproductive Technology Dataset for Improving the Efficiency of Incremental Classifiers and Feature Selection Techniques WSPC-JCSC-D-20-00173	K. Ranjini* A. Suruliandi S.P.Raja	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 1.363	Published on 2021  Volume 30 Issue 6, 2021  https://doi.org/10. 1142/S021812662 1300075
18	Information Technology and Control	A Symmetric key multiple color image cipher based on cellular automata, chaos theory and image mixing  ITC-28012	K. Sundarakrishna n* B. Jaison S.P.Raja	(SCIE Indexed) Thomson Reuters (Paid) Impact Factor – 0.707	Published on March 2021  Volume 50 Issue 1, 2021  http://dx.doi.org/1 0.5755/j01.itc.50. 1.28012
19	Brazilian archives of Biology and Technology	Prediction of land suitability for Crop Cultivation using Classification Techniques BABT-2020-0483	G. Mariammal*  A. Suruliandi  S.P.Raja	(SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.7	Published on October 2021  Volume 64, 2021  https://doi.org/10. 1590/1678-4324-
20	Mathematical and Computer Modelling of Dynamical Systems	Crop Prediction based on Soil and Environmental Characteristics using Feature Selection Techniques NMCM-2020-0176	A. Suruliandi G. Mariammal* S.P.Raja	(SCIE Indexed) Thomson Reuters (Unpaid) Impact Factor – 1.2	2021200483 Published on March 2021  Volume 27 Issue 1, 2021  https://doi.org/10. 1080/13873954.2 021.1882505
21	International Journal of Global Warming	An assessment of GHG mitigation potential by electricity expansion planning using LEAP model IJGW_313412	K. Karunanithi*  S.P. Raja  N.K. Rayaguru  S. Saravanan  S. Kannan	InderScience (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.7	Published on October 2021 Volume 25 Issue 2, 2021 10.1504/IJGW.20 21.118356

<sup>\* -</sup> Corresponding Author

S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
22	International Journal of Interactive Multimedia and Artificial Intelligence	Deep feature representation and similarity matrix based noise label refinement method for efficient face annotation IJIMAI-P0601	A. Suruliandi* A. Kasthuri S.P.Raja	(SCIE Indexed) Thomson Reuters (Unpaid) Impact Factor – 2.7	Published on May 2021  Volume 7 Issue 2, 2021  http://dx.doi.org/1 0.9781/ijimai.202 1.05.001
23	IEEE Transactions on Computational Social Systems	Prediction of land suitability for Crop cultivation based on soil and environmental characteristics using Modified Recursive Feature Elimination technique with various classifiers  TCSS-2021-01-0039	G. Mariammal* A. Suruliandi S.P.Raja E. Pongothai	IEEE Transactions (Scopus)  Thomson Reuters (Unpaid)  Impact Factor – 3.2	1.03.001  Published on May 2021  Volume 8     Issue 5, 2021  10.1109/TCSS.20     21.3074534
24	Brazilian archives of Biology and Technology	Dynamic Model for Assisted Reproductive Technology Outcome Prediction BABT-2020-0758	K. Ranjini* A. Suruliandi S.P.Raja	(SCIE Indexed) Thomson Reuters (Unpaid) Impact Factor – 0.7	Published on October 2021 Volume 64, 2021 https://doi.org/10. 1590/1678-4324- 2021200758
25	Brazilian archives of Biology and Technology	Regression imputation and optimized gaussian naïve bayes algorithm for an enhanced diabetes mellitus prediction model  BABT-2021-0181	Md. M. Dhilsath*  Justin Samuel Savari Raj  S.P.Raja	(SCIE Indexed) Thomson Reuters (Unpaid) Impact Factor – 0.7	Published on 2021  Volume 64, 2021  https://doi.org/10. 1590/1678-4324- 2021210181
26	Brazilian archives of Biology and Technology	An Enhanced Focused Web Crawler for Biomedical Topics using Attention Enhanced Siamese Long Short Term Memory Networks  BABT-2021-0163	P.R. Joe Dhanith* B. Surendiran S.P.Raja	(SCIE Indexed) Thomson Reuters (Unpaid) Impact Factor – 0.7	Published on 2021  Volume 64, 2021  https://doi.org/10. 1590/1678-4324- 2021210163
27	Journal of Circuits, Systems and Computers	Stacked Framework for Ensemble of Heterogeneous Classification Algorithms WSPC-JCSC-D-20-00436	H. Benjamin Fredrick David * A. Suruliandi S.P.Raja	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 1.3	Volume 30 Issue 15, 2021  https://doi.org/10. 1142/S021812662 1502698

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# ANNEXURE – III (A) Contd.... Details of Papers Published in Reputed International Journals (SCIE Indexed - FREE)

BEET Transactions on Computational Social Systems   Circen computing and Carbon footprint management in the IT sectors   Transactions on Computational Social Systems   TCSS-2021-02-0062   Thomson Reuters   Volume 8 Issue 5, 2021   10,1109/TCSS-2021   10,1109/TCSS-	S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
1   1   1   1   1   1   1   1   1   1		IEEE Transactions	footprint management in the		IEEE Transactions (Scopus)	2021
Brazilian archives of Biology and Technology   BABT-2021-0223   Brazilian archives of Biology and Technology   BABT-2021-0223   S.P.Raja   Brazilian archives of Biology and Technology   BABT-2021-0223   S.P.Raja   S.P.	28			S.P.Raja*	(Unpaid)	Issue 5, 2021 10.1109/TCSS.20
Brazilian archives of Biology and Technology					•	
Technology	29		Evaluation of Relevance Computation for Focused	Dhanith*		
Brazilian archives of Biology and Technology  BaBT-2021-0296  Brazilian archives of Biology and Technology  Brazilian archives of Sc.P.Raja  K. S. Sakunthala Prabha*  Thomson Reuters  (Unpaid)  Brazilian archives of Biology and Culpaid Published on 2021  Wolume 64, 2021  Wolume 64, 2021  Wolume 64, 2021  Wolume 64, 2021  Thomson Reuters  (Unpaid)  Brazilian archives of Biology and Culpaid Published on 2022  Thomson Reuters  (Unpaid)  Brazilian archives of Biology and Culpaid Published on 2022  Thomson Reuters  (Unpaid)  Brazilian archives of Salvation Salvation Scoopus  Thomson Reuters  (Unpaid)  Brazilian archives of Salvation Salv					(Unpaid)	
Brazilian archives of Biology and Technology  Brazilian archives of Based Salp Sakunthala Prabha*  Thomson Reuters  C. Mahesh  C. Ma			BAB1-2021-0225	S.P.Kaja	Impact Factor – 0.7	
Brazilian archives of Biology and Technology   BABT-2021-0296   Lilei Sun				Zhijun Hu*	(SCIE Indexed)	Published on
Technology  BABT-2021-0296  Lian Wu  Lian Wu  Impact Factor - 0.7  Impac	30		Feature Fusion Model for	S.P.Raja	Thomson Reuters	
Brazilian archives of Biology and Technology  Babt-2021-0240				Lilei Sun	(Unpaid)	
Brazilian archives of Biology and Technology  Brazilian archives of Biology and Technology  BABT-2021-0240  BEEE Transactions (Scopus)  Thomson Reuters  (Unpaid)  Linu Wu  Thomson Reuters  Volume 9,  ISSUE Indexed)  Notline 64,  2021  https://doi.org/10.  1590/1678-4324-  2021210240  Published on October 2022  21.3093702  Zhijun Hu,  Yong Xu,  Yong Xu,  S.P. Raja  Jie Wen  Combination of Softmax  Loss, An Application of Vehicle Re-Identification and Person Re-Identification and Person Re-Identification  TCSS-2021-06-0230  TCSS-2021-06-0230  BABT-2021-0240  BABT-2021-0240  BABT-2021-0240  S.P. Raja  Thomson Reuters  (Unpaid)  BABT-2021-06-0230  Thomson Reuters  Volume 9,  Issue 5  Thomson Reuters  Unpact Factor - 3.2  BEEE Transactions (Scopus)  DOI: 10.1109/TC  SS.2021.3127561			BABT-2021-0296	Lian Wu	Impact Factor – 0.7	1590/1678-4324-
Brazilian archives of Biology and Technology  Medical Data Classification with Feature Reduction Technique  BABT-2021-0240  BABT-2021-0240  BABT-2021-0240  S.P.Raja  IEEE Transactions on Computational Social Systems  Brazilian archives of Biology and Technology  Green computing: A future perspective and the operational analysis of a data center  TCSS-2021-02-0060  TCSS-2021-02-0060  TCSS-2021-02-0060  S.P.Raja*  Thomson Reuters  (Unpaid)  IEEE Transactions (Scopus)  Volume 9, Issue 2  10.1109/TCSS.20 21.3093702  Zhijun Hu, Yong Xu, Yong Xu, S.P. Raja  S.P. Raja  IEEE Transactions (Scopus)  Thomson Reuters  (Unpaid)  TCSS-2021-02-0060  Thomson Reuters  (Unpaid)  Thomson Reuters  Volume 9, Issue 5  Thomson Reuters  Unpaid)  Thomson Reuters  Unpaid)  Thomson Reuters  Unpaid)  Thomson Reuters  Unpaid)  Thomson Reuters  Volume 9, Issue 5  DOI: 10.1109/TCSS.20  Impact Factor – 3.2  Thomson Reuters  Volume 9, Issue 5  DOI: 10.1109/TC SS.2021.3127561					(SCIE Indexed)	Published on 2021
Technology BABT-2021-0240 S.P.Raja (Unpaid) https://doi.org/10. 1590/1678-4324-2021210240  BABT-2021-0240 S.P.Raja Impact Factor – 0.7 l590/1678-4324-2021210240  IEEE Transactions on Computational Social Systems	31		zilian archives of Medical Data Classification		Thomson Reuters	
S.P.Raja   Impact Factor = 0.7   2021210240     S.P.Raja   Impact Factor = 0.7   2021210240     S.P.Raja   Impact Factor = 0.7   2021210240     S.P.Raja   IEEE Transactions (Scopus)     Thomson Reuters   Volume 9, Issue 2     IEEE Transactions (Unpaid)   IEEE Transactions (Scopus)     TCSS-2021-02-0060   Impact Factor = 3.2     Thomson Reuters (Unpaid)   I0.1109/TCSS.20     21.3093702   IEEE Transactions (Scopus)     Tomson Reuters (Scopus)   IEEE Transactions (Scopus)     Thomson Reuters (Scopus)   IEEE Transactions (Scopus)     Thomson Reuters (Unpaid)   IEEE Transactions (Scopus)     Thomson Reuters (IEEE Transactions (Scopus)   IEEE Transacti				C. Mahesh	(Unpaid)	
IEEE Transactions on Computational Social Systems   Green computing: A future perspective and the operational analysis of a data center   TCSS-2021-02-0060   Thomson Reuters   TCSS-2021-02-0060   Thomson Reuters   TCSS-2021-02-0060   Thomson Reuters   (Unpaid)   10.1109/TCSS.20   21.3093702   Impact Factor – 3.2   Thomson Reuters   (Unpaid)   10.1109/TCSS.20   21.3093702   Thomson Reuters   TCSS-2021-02-0060   Thomson Reuters   TCSS-2021-02-0060   Thomson Reuters   TCSS-2021-02-0060   TCSS-2021-02-0			BABT-2021-0240	S.P.Raja	Impact Factor – 0.7	
operational analysis of a data center  TCSS-2021-02-0060  TCSS-2021-02-0060  TCSS-2021-02-0060  TCSS-2021-02-0060  TCSS-2021-02-0060  TCSS-2021-02-0060  TCSS-2021-02-0060  TCSS-2021-02-0060  TCSS-2021-02-0060  Thomson Reuters  (Unpaid)  IEEE Transactions (Scopus)  Thomson Reuters  (Unpaid)  IEEE Transactions (Scopus)  Thomson Reuters  Published on October 2022  Thomson Reuters  Volume 9,  Issue 2  Thomson Reuters  Volume 9,  Issue 2  Thomson Reuters  (Unpaid)  Thomson Reuters  Fublished on October 2022  Thomson Reuters  Volume 9,  Issue 2  Thomson Reuters  Volume 9,  Issue 5  Thomson Reuters  Volume 9,  Issue 5  Thomson Reuters  Volume 9,  Issue 5  Thomson Reuters  Volume 9,  Issue 2						Published on 2022
TCSS-2021-02-0060  TCSS-2021-02-0060  TCSS-2021-02-0060  Tmpact Factor - 3.2  Zhijun Hu, Yong Xu, Yong Xu, S.P. Raja  IEEE Transactions on Computational Social Systems  That Can Run Without the Combination of Softmax Loss, An Application for Vehicle Re-Identification Person Re-Identification TCSS-2021-06-0230  Thirt Can Run Without the Combination of Softmax Loss, An Application for Vehicle Re-Identification TCSS-2021-06-0230  Thirt Can Run Without the Combination of Softmax Loss, An Application for Vehicle Re-Identification TCSS-2021-06-0230  Timpact Factor - 3.2  IEEE Transactions (Scopus)  Thomson Reuters (Unpaid)  Unpaid)  DOI: 10.1109/TC SS.2021.3127561	32	on Computational	operational analysis of a data	S.P.Raja*	Thomson Reuters	
IEEE Transactions on Computational Social Systems  IEEE Transactions on Computational Social Systems  IEEE Transactions on Computational Social Systems  IEEE Transactions (Scopus)  IEEE Transactions (Scopus)  S.P. Raja  IEEE Transactions (Scopus)  Jie Wen  Lilei Sun  Cunpaid)  Lian Wu  TCSS-2021-06-0230  Thomson Reuters  Volume 9, Issue 5  DOI: 10.1109/TC SS.2021.3127561		Social Systems	TCSS-2021-02-0060		(Unpaid)	
JEEE Transactions on Computational Social Systems  IEEE Transactions on Computational Social Systems  JEEE Transactions on Computational Social Systems  Jie Wen  Jie Wen  Lilei Sun  Published on October 2022  Jie Wen  Lilei Sun  Prong Xu,  S.P. Raja  Jie Wen  Lilei Sun  Prong Xu,  S.P. Raja  Thomson Reuters  Unpaid)  Jie Wen  Lilei Sun  Proprint Proprint Service Scopus  Volume 9,  Issue 5  DOI: 10.1109/TC  SS.2021.3127561				7h:: 11	Impact Factor – 3.2	21.3073/02
the Improved Center Loss That Can Run Without the Combination of Softmax Loss, An Application for Vehicle Re-Identification Person Re-Identification TCSS-2021-06-0230  the Improved Center Loss That Can Run Without the Combination of Softmax Liei Sun Published on October 2022  Volume 9, Issue 5  Thomson Reuters (Unpaid)  DOI: 10.1109/TC SS.2021.3127561				_		
IEEE Transactions on Computational Social Systems  IEEE Transactions on Computational Social Systems  IEEE Transactions on Combination of Softmax Loss, An Application for Vehicle Re-Identification and Person Re-Identification  TCSS-2021-06-0230  Iii Wen  Thomson Reuters  (Unpaid)  Impact Factor – 3.2  Volume 9, Issue 5  DOI: 10.1109/TC SS.2021.3127561			the Improved Center Loss	_		
Social Systems  Vehicle Re-Identification and Person Re-Identification  TCSS-2021-06-0230  Vehicle Re-Identification and Person Re-Identification  Lian Wu  Lian Wu  Impact Factor – 3.2  Xianjing  Issue 5  DOI: 10.1109/TC SS.2021.3127561	33		Combination of Softmax	Jie Wen		Volume 9,
TCSS-2021-06-0230 Lian Wu Impact Factor – 3.2 SS.2021.3127561			Vehicle Re-Identification and	Lilei Sun	(Unpaid)	
Xianjing				Lian Wu	Impact Factor – 3.2	

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S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
34	Brazilian archives of Biology and Technology	A Hybrid Feature Ranking Algorithm for Assisted Reproductive Technology Outcome Prediction BABT-2021-0605	K. Ranjini* A. Suruliandi S.P.Raja	(SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.7	Published on 2022  Volume 65, 2022  https://doi.org/10. 1590/1678-4324- 2022210605
35	Brazilian archives of Biology and Technology	Local PatchMatch Based on Superpixel Cut for Efficient High-resolution Stereo Matching BABT-2021-0409	Xianjing Cheng*  Yong Zhao  S.P.Raja  Zhijun Hu  Xiaomin Yu  Wenbang Yang	(SCIE Indexed) Thomson Reuters (Unpaid) Impact Factor – 0.7	Published on 2021  Volume 65, 2022  https://doi.org/10. 1590/1678-4324- 202210409
36	Journal of Circuits, Systems and Computers	Investigations on off-grid hybrid renewable energy Microgrid for Sustainable development growth WSPC-JCSC-D-21-00142	K. Karunanithi*  S.P. Raja  S. Ramesh  K. Karthikumar  P. Chandrasekar  K. Aruna Rani	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 1.3	Published on 2022  Volume 31, Issue 6, 2022  https://doi.org/10. 1142/S021812662 2300033
37	Intelligent Automation and Soft Computing	A novel medical image encryption using Rossler system IASC-24023	K. Sundara Krishnan, Syed Suhaila, S.P.Raja	(SCIE Indexed) Thomson Reuters (Paid) Impact Factor – 1.647	Published on 2022  Volume 33, Issue 2, 2022  http://dx.doi.org/1 0.32604/iasc.2022 .024023
38	Intelligent Automation and Soft Computing	Moving Object Detection and Tracking Algorithm Using Hybrid Decomposition Parallel Processing	M. Gomathy Nayagam, K. Ramar, K.Venkatesh	(SCIE Indexed)  Thomson Reuters  (Paid)  Impact Factor – 1.647	Published on 2022  Volume 33, Issue 3, 2022  https://www.techs cience.com/iasc/v 33n3/47101

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# ANNEXURE – III (A) Contd.... Details of Papers Published in Reputed International Journals (SCIE Indexed - FREE)

S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
	International Journal of Interactive	Drug Target interaction prediction using machine	A. Suruliandi*	(SCIE Indexed) Thomson Reuters	Accepted on December 2021
39	Multimedia and Artificial Intelligence	learning techniques – a review  IJIMAI-P0942	T. Idhaya <b>S.P.Raja</b>	(Unpaid)  Impact Factor – 3.3	http://dx.doi.org/1 0.9781/ijimai.202 2.11.002
			G. Mariammal*	(SCIE Indexed)	
40	International Journal of Interactive Multimedia and	An empirical evaluation of machine learning techniques for crop prediction	A. Suruliandi	Thomson Reuters	Accepted on
	Artificial Intelligence	IJIMAI-P0875	S.P.Raja	(Unpaid)	December 2021
			E. Poongothai	Impact Factor – 3.3	
		An Improved Multi Objective Mayfly Algorithm for Solving	S. Ramesh*  K. Vijaya  Bhaskar	World Scientific (SCIE Indexed)	Published on 2022 Volume 31,
41	Journal of Circuits, Systems and	Optimal Power Flow Problem Considering Different	K. Karunanithi	<b>Thomson Reuters</b>	Issue 10, 2022
	Computers	Loading Conditions	M. Ettappan	(Unpaid)	https://doi.org/10.
		WSPC-JCSC-D-21-00865	P. Chandrasekar	Impact Factor – 1.3	1142/S021812662 2501778
			S.P. Raja		D 111 1 2022
	International Journal of Uncertainty,	Predicting corona virus affected patients using	H. Benjamin Fredrick	World Scientific (SCIE Indexed)	Published on 2022 Volume 30,
42	Fuzziness and Knowledge-Based	supervised machine learning	David *	<b>Thomson Reuters</b>	Issue 1, Suppl. May 2022
	Systems	IJUFKS-D-18-00205	A. Suruliandi	(Unpaid)	https://doi.org/10.
		1301 KS-D-10-00203	S.P.Raja	Impact Factor – 0.778	1142/S021848852 2400086
				(SCIE Indexed)	Published on 2022
43	Current Science	MSR based algorithms for biclustering of microarray	R. Balamurugan*	<b>Thomson Reuters</b>	Volume 123, Issue 4
		gene expression data: a review	S.P.Raja	(Unpaid)	10.18520/cs/v123/
			S.P. Raja*	Impact Factor – 1.2	i4/530-541
		Crop prediction based on characteristics of the	Barbara Sawicka	IEEE (SCIE Indexed)	Published on March 2022
44	IEEE Access	agricultural environment using various feature selection	Zoran	Thomson Reuters	Vol. 10
		techniques and classifiers	Stamenkovic	Impact Factor – 3.3	10.1109/ACCESS .2022.3154350
			G. Mariammal		

<sup>\* -</sup> Corresponding Author

S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
		An Experimental Analysis of Optimal Hybrid Word	Sandhya Alagarsamy*	(SCIE Indexed)	Published on 2022
45	Brazilian archives of Biology and	Embedding Methods for Text Classification Using a Movie	Visumathi	Thomson Reuters	Volume 65
	Technology	Review Dataset	James	(Unpaid)	https://doi.org/10. 1590/1678-4324-
		BABT-2021-0830	S.P.Raja	Impact Factor – 0.7	2022210830
		Vehicle Re-identification	Zhijun Hu, Yong Xu, <b>Raja</b>	Springer (SCIE Indexed)	Published on 2022
		based on keypoint	Soosaimarian		Vol. 53
46	Applied Intelligence	segmentation of original image	<b>Peter Raj</b> , Guanghai Liu,	Thomson Reuters	https://link.spring
		APIN-D-21-03446	Jie Wen, Lilei Sun, Lian Wu,	(Unpaid)	er.com/article/10.
			Xianjing Cheng	Impact Factor – 4.7	03192-1
			Sumathi M*	(SCIE Indexed)	Published on 2022
47	Brazilian archives of	Blockchain based adaptive resource allocation in cloud	Vijaya Raj N	Thomson Reuters	Volume 65
47	Biology and Technology	computing	S.P.Raja	(Unpaid)	https://doi.org/10.
		BABT-2022-0025	Venkatachalap athy M	Impact Factor – 0.7	1590/1678-4324- 2022220025
		Predicting the suitable	G. Mariammal*	(SCIE Indexed)	
		Fertilizer for crop based on soil and environmental factors using various Feature	A. Suruliandi	Thomson Reuters	Published on 2022
48	Expert Systems	Selection techniques with Classifiers	Segovia- Bravo, Kharla	(Unpaid)	https://doi.org/10. 1111/exsy.13024
		EXSY-Jan-22-234	A	Impact Factor – 3.3	1111/CASy.13024
		LAG 1 -Jan-22-25+	S.P.Raja		
			S. Periyanayagi*		
	Intermediated Learning	Artificial intelligence and IoT	G. Gnana	World Scientific (SCIE Indexed)	Published on 2022
49	International Journal of Wavelets,	based biomedical sensors for	Priya		Volume 20,
	Multiresoultion and	intelligent cattle husbandry systems	T.	Thomson Reuters	Issue 6
	Information Processing	IJWMIP-D-22-00129	Chadrasekar	(Unpaid)	https://dx.doi.org/ 10.1142/S021969
			V. Sumathy	Impact Factor – 0.463	1322500266
			S.P.Raja		

S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
50	Intelligent Automation and Soft Computing	A construction of object detection model for acute myeloid leukemia	K.Venkatesh* S. Pasupathy S.P.Raja	(SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 1.647	Published on 2022  Volume 36, Issue 1  http://dx.doi.org/1 0.32604/iasc.2023 .030701
51	International Journal of Wavelets, Multiresoultion and Information Processing	A crop yield prediction model based on an improved artificial neural network and yield monitoring using a blockchain technique  IJWMIP-D-21-00420	M. Sumathi* M. Rajkamal S.P.Raja M. Venkatachalap athy N. Vijayaraj	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.463	Published on 2022  Volume 20, Issue 6  https://dx.doi.org/ 10.1142/S021969 1322500308
52	Brazilian archives of Biology and Technology	MRI Brain tumor classification using a hybrid VGG16-NADE model BABT-2022-0071	S. Saran Raj* B. Surendiran S.P.Raja	(SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.7	Published on 2023 Vol. 66 https://doi.org/10. 1590/1678-4324- 2023220071
53	International Journal of Interactive Multimedia and Artificial Intelligence	HDDSS: An enhanced heart disease decision support system using RFE-ABGNB algorithm IJIMAI-P0833	M. Dhilsath Fathima*  Justin Samuel  S.P.Raja	(SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 3.3	Accepted for publication  https://doi.org/10. 9781/ijimai.2021. 10.003
54	International Journal of Wavelets, Multiresoultion and Information Processing	Calibrating the classifier for protein family prediction with protein sequence using machine learning techniques: an empirical investigation  IJWMIP-D-22-00206	A. Suruliandi* T. Idhaya S.P.Raja	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.463	Published on 2023  Vol. 21, No. 3  https://doi.org/10. 1142/S021969132 250045X
55	IEEE Transactions on Computational Social Systems	Fog assisted personalized dynamic pricing for smartgrid TCSS-2022-04-0306	Christina Terese Joseph*  John Paul Martin  K. Chandrasekara n	IEEE Transactions (Scopus)  Thomson Reuters (Unpaid)  Impact Factor – 3.2	Published in online  https://doi.org/10. 1109/TCSS.2022. 3202935

S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
			N. Nithiyananda m*	(SCIE Indexed)	Published on June 2023
56	KSII Transactions on Internet and Information	Energy efficient intrusion detection system for secure acoustic communication in	C. Mahesh	Thomson Reuters	Vol. 17 No. 6
	Systems	underwater sensor networks	S.P.Raja S.	(Unpaid) Impact Factor – 1.647	10.3837/tiis.2023. 06.010
			Jeyapriyanga Vijaya	Elsevier	
		An optimal power flow solution to deregulated electricity power market using	Bhaskar K*  Ramesh S	(SCIE Indexed)	Published on January 2023
57	Electric Power Systems Research	meta-heuristic algorithm with load congestion environment	Elena Verdu	Thomson Reuters	Vol. 214 https://doi.org/10.
		EPSR-D-22-01470	Karunanithi K	(Unpaid) Impact Factor – 4.647	1016/j.epsr.2022.1 08867
		A novel approach of Dynamic	Raja S P	(SCIE Indexed)	Published on 2023
58	Brazilian archives of Biology and	Vision Reconstruction from fMRI Profiles using Siamese Conditional Generative	Rathi K* Gomathi V	Thomson Reuters	Vol. 66
36	Technology	Adversarial Network	S.P.Raja	(Unpaid)	https://doi.org/10. 1590/1678-4324-
		BABT-2022-0330	T.	Impact Factor – 0.7	2023220330
		Secure multicasting in	Sampradeepraj	(SCIE Indexed)	Accepted on
	Concurrency and Computation:	wireless sensor networks using identity based	*	Thomson Reuters	October 2022
59	Practice and Experience	cryptography	V. Anusuya Devi	(Unpaid)	https://doi.org/10. 1002/cpe.7430
		CPE-22-0440	S.P. Raja	Impact Factor – 0.7	1
		Internet of Thing based	M. Sumathi*	(SCIE Indexed)	Published on January 2023
60	Computing and	confidential healthcare data storage, access control and	N. Vijayaraj	<b>Thomson Reuters</b>	Vol. 41, No. 2
	Informatics	monitoring using blockchain	S.P.Raja	(Unpaid)	https://doi.org/10.
		technique	M. Rajkamal	Impact Factor – 0.463	31577/cai_2022_5 _1207

S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
	International Journal	Existence of mild solutions for perturbed fractional	R. Sreedharan*	World Scientific (SCIE Indexed)	Published on 2023
61	of Wavelets, Multiresoultion and	neutral differential equations through deformable	S. Raja	Thomson Reuters	Vol. 21, No. 3
	Information Processing	derivatives in Banach spaces	Balachandar	(Unpaid)	https://doi.org/10. 1142/S021969132
		IJWMIP-D-22-00375	S.P.Raja	Impact Factor – 0.463	2500527
		RobinNet: A Multimodal	Yash Khurana	IEEE Transactions	
		Speech Emotion Recognition	Swamita	(SCIE Indexed)	Accepted on December 2022
	IEEE Transactions	System with Speaker	Gupta	Thomson Reuters	December 2022
62	on Computational Social Systems	Recognition for Social Interactions	R. Sathyaraj	(Unpaid)	https://doi.org/10. 1109/TCSS.2022.
		TCSS-2022-09-0827	S.P.Raja	Impact Factor – 4.5	3228649
	International Journal of Interactive Multimedia and Artificial Intelligence	Explainable artificial intelligence-based diseases		(SCIE Indexed)	
<i>(</i> 2		diagnosis from unstructured clinical data and decision	M. Sumathi*	<b>Thomson Reuters</b>	Accepted for
63		making using blockchain techniques	S.P.Raja	(Unpaid)	publication
		IJIMAI-P1443		Impact Factor – 4.9	
		Multi Objective Optimal	K. Vijaya Bhaskar	World Scientific (SCIE Indexed)	Published in 2023
64	Journal of Circuits, Systems and	Power Flow Solution using Improved Multi Objective Mayfly Algorithm (IMOMA)	S. Ramesh	Thomson Reuters	Vol. 13 No. 12
	Computers		K. Karunanithi	(Unpaid)	https://doi.org/10.
		WSPC-JCSC-D-21-00598	S.P. Raja	Impact Factor – 1.3	1142/S021812662 3502006
		A survey on an analysis of big	Ame Rayan	World Scientific	Published in 2023
	1.66	data open source datasets, techniques and tools for the	A. Suruliandi	(SCIE Indexed)	Vol. 13
65	Journal of Circuits, Systems and Computers	prediction of corona virus disease	S.P. Raja	Thomson Reuters	No. 12
	Computers		H. Benjamin	(Unpaid)	https://doi.org/10. 1142/S021812662
		WSPC-JCSC-D-22-00912	Fredrick David	Impact Factor – 1.3	3300039

S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
66	Computers and Electrical	Hybrid bat–grasshopper and bat–modified multiverse optimization for solar photovoltaics maximum power generation	N.K.Rayaguru N. MahibanLinds ay	Elsevier (SCIE Indexed) Thomson Reuters	Published on March 2023 Vol. 106
	Engineering	COMPELECENG-D-22- 02933	Rubén GonzálezCres poc S.P.Raja	(Unpaid) Impact Factor – 4.63	https://doi.org/10. 1016/j.compelece ng.2023.108596
67	Brazilian archives of Biology and Technology	Estimation of Human Motion Posture using Multi-labeling Transfer Learning BABT-2022-0748	Yang Wang* Jie Ren Shangbin Li Zhijun Hu S.P.Raja	(SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.7	Published on 2023  Vol. 66  https://doi.org/10. 1590/1678-4324- 2023220748
68	International Journal of Wavelets, Multiresoultion and Information Processing	On the computation of extremal trees of harmonic index with given edge-vertex domination number  IJWMIP-D-23-00065	B. Senthil Kumar  H. Naresh Kumar*  Y.B. Venkatakrishn an  S.P.Raja	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.463	Published in 2023  Vol. 21  No. 5  https://doi.org/10. 1142/S021969132 3500145
69	IEEE Canadian Journal of Electrical and Computer Engineering	A novel Blockchain based biometric authentication mechanism  CJECE-OA-2022-Nov-204	S.P. Raja*  Khalid Saeed	IEEE (SCIE Indexed) Thomson Reuters (Unpaid) Impact Factor – 1.2	Accepted on March 2023
70	IEEE Transactions on Computational Social Systems	A Novel Lie hypergraph based Lifetime Enhancement Routing Protocol for Environmental Monitoring in Wireless Sensor Networks TCSS-2022-11-1021	S. Supriya V. Swaminathan S.P.Raja	IEEE Transactions (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 4.5	Accepted on 2023 https://doi.org/10. 1109/TCSS.2023. 3262273

S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
71	Journal of Circuits, Systems and Computers	Guided Intelligent Hyper Heuristic Algorithm for Critical Software Application Testing satisfying Multiple Coverage Criteria	S. Alagu Rani C. Akila S.P. Raja	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)	Accepted in June 2023 https://doi.org/10. 1142/S021812662 4500294
		WSPC-JCSC-D-22-01755		Impact Factor – 1.3	1000271
72	Journal of Circuits, Systems and Computers	A Feature Extraction Approach for the Detection of Phishing Websites using Machine Learning  WSPC-JCSC-D-23-00558	Sri Charan Gundla, M Praveen Karthik, Middi Jashwanth Kumar Reddy, Gourav, Ashutosh Pankaj, Z. Stamenkovic, S.P. Raja	World Scientific (SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 1.3	Accepted in June 2023 https://doi.org/10. 1142/S021812662 4500312
73	Brazilian archives of Biology and Technology	Equilibrium Optimization Algorithm with Deep Learning based Brain Tumor Segmentation and Classification on Magnetic Resonance Imaging BABT-2022-0896	R. Hariharan*  Mohan Ramasundara m  S.P. Raja  Krunal Randive	(SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.7	Accepted on June 2023
74	IEEE Canadian Journal of Electrical and Computer Engineering	TransAttU-Net Deep Neural Network for Brain Tumor Segmentation in Magnetic Resonance Imaging CJECE-OA-2023-Apr-089	R. Hariharan*  Mohan Ramasundara m  S.P. Raja	IEEE (SCIE Indexed) Thomson Reuters (Unpaid) Impact Factor – 1.2	Accepted on June 2023
75	Brazilian archives of Biology and	A survey on feature extraction techniques, classification methods and applications of sentiment analysis	Yadav Meenakshi A. Suruliandi	(SCIE Indexed) Thomson Reuters	Published on 2023 Vol. 66
	Technology	BABT-2022-0654	S.P. Raja	(Unpaid)  Impact Factor $-0.7$	https://doi.org/10. 1590/1678-4324- 2023220654

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S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
76	Brazilian archives of Biology and Technology	Trajectory Method for Defense Human Motion Posture based on Nano-sensor BABT-2023-0247	Wang, Qingwei S.P. Raja	(SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.7	Accepted on May 2023
77	Brazilian archives of Biology and Technology	Image Segmentation Method for Athlete Knee Joint Injury Using Transformer Model by MIoT BABT-2023-0325	Feng S.P. Raja	(SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.7	Accepted on May 2023
78	Brazilian archives of Biology and Technology	Segmentation for Athlete's Ankle Injury Image using Residual Double Attention U- Net Model BABT-2023-0335	Zhou Jian S.P. Raja	(SCIE Indexed)  Thomson Reuters  (Unpaid)  Impact Factor – 0.7	Accepted on May 2023

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 ${\bf ANNEXURE-III~(B)}$  Details of Papers Published in Reputed International Journals (SCOPUS - FREE)

S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
1	International Journal of Image and Graphics	Evaluating Multiscale Transform based Image Compression using Encoding Techniques  IJIG-D-14-00012	S.P.Raja*  A. Suruliandi	World Scientific (Scopus)  (Unpaid)  Impact Factor – 0.16	Published on 31 October 2016 Volume 16 Issue 04, October 2016 https://doi.org/10 .1142/S0219467 816500182
2	International Journal of Computational Science and Engineering	Secured Image Compression using AES in Bandelet Domain IJCSE - 132651	S.P.Raja* A. Suruliandi	Inder Science (Scopus)  (Unpaid)  Impact Factor – 0.59	Published on 20 September 2018 Volume 17 Issue 02, October 2018 https://doi.org/10 .1504/IJCSE.201 8.094930
3	International Journal of Signal and Imaging Systems Engineering	Artificial Intelligence based Heuristic Searching Tools and Knowledge representation to solve Cryptography problems, Puzzles, Vehicle detection & Path finding  IJSISE - 160838	S.P.Raja*  T. Dhiliphan Rajkumar  K. Sowndariya	Inder Science (Scopus)  (Unpaid)  Impact Factor – 0.18	Published on 1 June 2017 Volume 10 Issue 1/2, June 2017 https://doi.org/10 .1504/IJSISE.20 17.084563
4	International Journal of Information Systems and Change Management	High Performance Scheduler for Multicast Switches  IJISCM - 198681	N. Narayanan Prasanth* K. Chithra Devi S.P.Raja	Inder Science (Scopus)  (Unpaid) Impact Factor – 0.53	Published on 2 July 2018 Volume 10 Issue 1, July 2018 https:// doi.org/10.1504/ IJISCM.2018.09 3196
5	International Journal of Applied Decision Sciences	Preventing crimes ahead of time by predicting crime propensity in released prisoners using Data Mining Techniques  IJADS - 18065	H. Benjamin Fredrick David*  A. Suruliandi  S.P.Raja	Inder Science (Scopus)  (Unpaid) Impact Factor – 0.71	Volume 12 Issue 13, April 2019 DOI: 10.1504/IJ ADS.2019.1001 9268
6	International Journal of Intelligent Internet of Things Computing	Performance Evaluation on Internet of Things Protocols to identify a suitable on for millions of Tiny Internet Nodes	S.P.Raja*  T. Sampradeepraj  N. Narayanan  Prasanth	Inder Science (Google Scholar) (Unpaid)	Volume 1 Issue 1, Dec 2019 DOI: 10.1504/IJI ITC.2019.10473

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S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
7	International Journal of Applied Decision Sciences	Attribute Rank based Weighted Decision Tree IJADS - 21594	A. Suruliandi H. Benjamin Fredrick David* S.P.Raja	Inder Science (Scopus)  (Unpaid) Impact Factor – 0.71	Published on 1 January 2020 Volume 13 Issue 01, January 2020 DOI: 10.1504/IJA DS.2020.104309
8	International Journal of Biomedical Engineering and Technology	The Adjuvant role of Acupuncture to treat the diabetes mellitus and its analysis using thermogram  IJBET-237110	M. Rajagomathi* S. Jeyadevi K. Hema Latha P.K. Ramalingam S.P.Raja	Inder Science (Scopus)  (Unpaid) Impact Factor – 0.71	Published on 2022  Volume 38  Issue 4  https://dx.doi.org/ 10.1504/IJBET.20 22.10047792
9	International Journal of Image and Graphics	Line and Polygon Clipping Techniques on Natural Images – A Mathematical Solution and Performance Evaluation  IJIG-D-18-00047	S.P.Raja*	World Scientific (Scopus)  (Unpaid)  Impact Factor – 0.16	Published on 24 April 2019 Volume 19 Issue 02, April 2019 https://doi.org/10. 1142/S021946781 9500128
10	International Journal of Image and Graphics	Wavelet based Image Compression Encoding Techniques – a Complete Performance Analysis IJIG-D-19-00003	S.P.Raja*	World Scientific (Scopus)  (Unpaid)  Impact Factor – 0.16	Published on April 2020  Volume 20 Issue 02, April 2020  https://doi.org/10. 1142/S021946782 0500084
11	International Journal of Image and Graphics	Empirical Evaluation of Texture Features and Classifiers for Liver Disease Diagnosis  IJIG-D-19-00032	A. Sinduja* A. Suruliandi S.P.Raja	World Scientific (Scopus)  (Unpaid)  Impact Factor – 0.16	Published on April 2020  Volume 20 Issue 02, April 2020  https://doi.org/10. 1142/S021946782 0500151

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S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
12	International Journal of Image and Graphics	Static Thresholded Pulse Coupled Neural Networks in Countourlet Domain – A New Framework for Medical Image Denoising	S. Shajun Nisha* <b>S.P.Raja</b> A. Kasthuri	World Scientific (Scopus)  (Unpaid)  Impact Factor – 0.16	Published on July 2020  Volume 20 Issue 3, July 2020  https://doi.org/10.
		IJIG-D-19-00044	71. IXUSTITUTI	impact ractor 0.10	1142/S021946782 0500254
13	Cybernetics and Information Technologies	Multiscale transform and shrinkage thresholding techniques for medical image denoising – performance evaluation  ID 25-20	S. Shajun Nisha* <b>S.P.Raja</b>	Bulgarian Academy (Scopus)  (Unpaid)  Impact Factor – 0.16	Published on September 2020  Volume 20 Issue 3, September 2020  DOI:
14	IEEE Transactions on Computational Social Systems	An Ensemble of Heterogeneous Incremental Classifiers for Assisted Reproductive Technology Outcome Prediction TCSS-2020-05-0121	K. Ranjini* A. Suruliandi S.P.Raja	IEEE Transactions (Scopus)  Thomson Reuters (Unpaid)  Impact Factor – 3.2	10.2478/cait- 2020-0033 Published on November 2020 Volume 8 Issue 3, November 2020 https://doi.org/10. 1109/TCSS.2020. 3032640
15	International Journal of Hybrid Intelligence	Flood areas prediction in Bangladesh using Apriori algorithm IJHI-43016	N. Narayanan Prasanth*  Anushree Karajgi  Adiksha Sood  S.P. Raja	Inder Science (Google Scholar)  (Unpaid)	Published on February 2023 https://doi.org/10. 1504/IJHI.2023.12 9298
16	International Journal of Biometrics	An Empirical Evaluation of Compression Techniques for Genome Sequences IJBM - 296152	M. Muthulakshmi* G. Murugeswari S.P.Raja	Inder Science (Scopus)  (Unpaid) Impact Factor – 0.53	Published on October 2021 Volume 13 Issue 04, 2021 10.1504/IJBM.202 1.117870

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S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
17	Cybernetics and Information Technologies	An Enhanced Semantic Focused Web Crawler based on Hybrid String Matching Algorithm ID 159-20	K. S. Sakunthala Prabha*  C. Mahesh  S.P.Raja	Bulgarian Academy (Scopus)  (Unpaid)  Impact Factor – 0.16	Published on July 2021  Volume 21     Issue 2,     July 2021  10.2478/cait-2021-0022
18	Cybernetics and Information Technologies	A recursive and parallelized dynamic programming implementation of hard Merkle-Hellman Knapsack system for public key cryptography  ID 158-20	Vaddadi Sai Rahul* N. Narayanan Prasanth S.P.Raja	Bulgarian Academy (Scopus)  (Unpaid)  Impact Factor – 0.16	Published on July 2021  Volume 21     Issue 2,     July 2021  10.2478/cait-2021-0019
19	International Journal of Energy, Technology and Policy	Investigations of electricity expansion environmental planning using LEAP model for sustainability  IJETP-319057	K. Karunanithi* S. Ramesh S.P. Raja N.K. Rayaguru S. Saravanan	Inder Science (Scopus)  (Unpaid) Impact Factor – 0.53	Published on October 2021 Volume 17 Issue 4, 2021 10.1504/IJETP.20 21.118340
20	IEEE SMC Magazine	Bitcoin price prediction in distributed environment using TPU SMC-Mag-2021-06-0012	Mohd Hammad Khan  Devdutt Sharma  N. Narayanan Prasanth  S. P. Raja	IEEE (Unpaid)	Published on April 2022 Volume 8 Issue 2 https://doi.org/10. 1109/MSMC.2021 .3118893
21	International Journal of Image and Graphics	Multiple imputation by chained equation-K Nearest Neighbors and Deep neural network architecture for kidney disease prediction  IJIG-D-21-00114	M. Dhilsath Fathima*  R Hariharan  S.P.Raja	World Scientific (Scopus)  (Unpaid)  Impact Factor – 0.16	Published on 2023  Vol. 23, No. 2  https://doi.org/10. 1142/S021946782 3500146

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S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
22	International Journal of Image and Graphics	A Chaotic Encryption System based on DNA Coding using a Deep Neural Network IJIG-D-21-00145	K. Antony Sudha*  V. Cibi Castro  G. MuthuLakshmi  T. Ilam Parithi  S.P.Raja	World Scientific (Scopus)  (Unpaid)  Impact Factor – 0.16	Published on 2023  Vol. 23, No. 2  https://doi.org/10. 1142/S021946782 3500201
23	International Journal of Image and Graphics	A novel ensemble stacking classification of genetic variations using machine learning algorithms  IJIG-D-21-00131	Jahnavi Yeturu* Pongothai Elango S.P.Raja	World Scientific (Scopus)  (Unpaid)  Impact Factor – 0.16	Published on 2023  Vol. 23, No. 2  https://doi.org/10. 1142/S021946782 3500158
24	International Journal of Information Technology	A novel CZP-BC-FLASH ADC using zero phase bubble error robust controller for reliable VLSI circuits  BJIT-D-21-00588	M. Kalaiyarasi* S. Saravanan K. Karunanithi S.P. Raja	Springer (Scopus) (Unpaid)	Published on October 2021 Volume 14 link.springer.com/ article/10.1007/s4 1870-021-00824-6
25	Evolutionary Intelligence	A new algorithm for time series prediction using machine learning models  EVIN-D-21-0074	Jahnavi Yeturu*  Pongothai Elango  S.P.Raja  Javier Parra Fuente  Elena Verdu	Springer (Scopus) (Unpaid)	Published on 2022 https://link.springe r.com/article/10.1 007/s12065-022- 00710-5
26	International Journal of Information Technology	A novel Machine Learning inspired algorithm to predict real-time network intrusions  BJIT-D-21-01415	Keshava Srinivas Rahul Trivedi Naman Bindra N. Narayanan Prasanth	Springer (Scopus) (Unpaid)	Published on 2022 https://link.springe r.com/article/10.1 007/s41870-022- 00925-w

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S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
27	International Journal of Information Technology	Parallel implementation of solving Linear Equations using OpenMP  BJIT-D-21-00632	Maitreyee Paliwal Rishita Reddy Chilla N. Narayanan Prasanth Sam Goundar S.P. Raja	Springer (Scopus) (Unpaid)	Published on 2022 https://link.springe r.com/article/10.1 007/s41870-022- 00899-9
28	International Journal of Image and Graphics	Early success prediction of Indian movies using subtitles: a document vector approach  IJIG-D-21-00191	Vaddadi Sai Rahul M. Tejas N. Narayanan Prasanth S.P.Raja	World Scientific (Scopus)  (Unpaid)  Impact Factor – 0.16	Published on 2023  Vol. 23  No. 4  https://doi.org/10. 1142/S021946782 3500304
29	International Journal of Energy, Technology and Policy	Power Quality Improvement in PV-Grid System Using Hybrid Lion-GH Algorithm Based Custom Power Device IJETP-89849	N.K. Rayaguru* S.P. Raja K. Karunanithi*	Inder Science (Scopus)  (Unpaid) Impact Factor – 0.53	Volume 18 Issue 2  https://dx.doi.org/ 10.1504/IJETP.20
30	Journal of Control and Design	Modelling of Electric vehicle charging station and controlled by fuzzy logic controller for different modes of operation  TJCD-2022-0152	S.C.Vijaya Kumar  K.Karunanithi  S.P.Raja  S.Ramesh  P.Chandrasekar  R.Obulupathy	Taylor and Francis (SCOPUS) (Unpaid)	22.10046547  Published on May 2022  https://doi.org/10. 1080/23307706.20 22.2074901
31	International Journal of Information Technology	Design and validation of a single-phase buck-boost inverter with Grey Wolf optimization algorithm under partial shaded conditions BJIT-D-21-01634	R Sreedhar* P Chandrasekar K Karunanithi SC Vijayakumar S.P. Raja	Springer (Scopus) (Unpaid)	Published on October 2021 Volume 14 https://doi.org/10. 1007/s41870-022- 00948-3

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S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
32	IEEE SMC Magazine	Prediction of flooding due to heavy rainfall in India using machine learning algorithms SMC-Mag-2021-05-0017	R. Balamurugan  Kshitiz Choudhary  S. P. Raja	IEEE (Unpaid)	Published on 2022  Vol. 8, No. 4  https://doi.org/10. 1109/MSMC.2022 .3183806
33	International Journal of Image and Graphics	Classification and analysis of Pistachio species through neural embedding based feature extraction and small scale machine learning techniques  IJIG-D-22-00206	S. Sathish Kumar  A.N. Sigappi G. Arun Sampaul Thomas Y. Harold Robinson  S.P.Raja	World Scientific (Scopus)  (Unpaid)  Impact Factor – 0.16	Accepted on October 2022 https://doi.org/10. 1142/S021946782 4500323
34	Cybernetics and Information Technologies	A decentralized medical network for maintaining patient records using blockchain technology  ID 107-22	M. Sumathi S.P.Raja N. Vijaya Raj M. Rajkamal	Bulgarian Academy (Scopus)  (Unpaid)  Impact Factor – 0.16	Vol. 22 No. 4 https://doi.org/10. 2478/cait-2022- 0043
35	International Journal of Information Technology	Amelioration of Linguistic semantic classifier with sentiment classifier manacle for focused web crawler  BJIT-D-22-01141	K.S. Sakunthala Prabha* C. Mahesh Sam Goundar S.P. Raja	Springer (Scopus) (Unpaid)	Published on December 2022 https://link.springe r.com/article/10.1 007/s41870-022- 01139-w
36	International Journal of Information Technology	Investigations of standalone PV system with Battery- Supercapacitor Hybrid Energy Storage System for household applications  BJIT-D-22-01341	K. Karunanithi S. Ramesh S.P. Raja R. Sreedhar S. Kannan V. Ramudu	Springer (Scopus) (Unpaid)	Published on December 2022 https://link.springe r.com/article/10.1 007/s41870-022- 01144-z

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S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
		Optimum sizing and	K. Karunanithi		Published
37	IEEE SMC	modelling of standalone DC microgrid with hybrid energy storage system for domestic	S. Ramesh	IEEE	Vol. 9 No. 2
37	Magazine	applications	S.P. Raja	(Unpaid)	https://doi.org/10.
		SMC-Mag-2022-08-0039	S. Saravanan		1109/MSMC.2022 .3229838
		Multi-classification of acute	K. Venkatesh		Published on December 2022
38	Scalable Computing: Practice	Myeloid leukemia using enhanced few-shot learning	S. Pasupathy	SCOPUS	Vol. 23, No. 4
	and Experience	technique integrated base classifier (feature encoder)	S.P. Raja	Unpaid	https://doi.org/10. 12694/scpe.v23i4. 2048
	ADCAIJ: Advances	Healthcare Data Collection	Sumathi M,		
39	in Distributed Computing and	Using Internet of Things and Blockchain Based	Raja S P,	SCOPUS	Accepted for
37	Artificial Intelligence	Decentralized Data Storage: Healthcare Data Collection Using Internet of Things	Vijayaraj N,	Unpaid	Publication
		Osing internet of Things	Rajkamal M Sumathi		
40	International Journal of Information	HHO-ACO hybridized load balancing technique in cloud computing	Muruganandam , Vijayaraj Natarajan, <b>Raja</b>	Springer (Scopus)	Published on February 2023 https://link.springe r.com/article/10.1
	Technology	BJIT-D-22-01388	Soosaimarian Peter	(Unpaid)	007/s41870-023- 01159-0
			Rajkamal Murugesan		
	ADCAIJ: Advances	Regression Based	Pradeep Katta  Karunanithi  Kandasamy  Raja		Published on
41	in Distributed Computing and	Performance Analysis and Fault Detection in Induction	Soosaimar- ian Peter Raj	SCOPUS	January 2023
.1	Artificial Intelligence	Motors by Using Deep Learning Technique	Ramesh Subramanian	Unpaid	http://dx.doi.org/1 0.14201/adcaij.28 435
			and Chandrasekar Perumal		

S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
42	SN Computer Science	Protein sequence classification using Bidirectional Encoder Representations from Transformers (BERT) approach  SNCS-D-22-00781	R. Balamurugan Saurabh Mohite S.P. Raja	Springer (Scopus) (Unpaid)	Published on 2023  Vol. 4  https://link.springe r.com/article/10.1 007/s42979-023- 01980-1
43	International Journal of Computational Biology and Drug Design	Triclustering of gene expression microarray data by using a hybrid swarm intelligence method	Balamurugan R engeswaran Pushkar Nahar Suyash Agarwal	InderScience (Scopus) (Unpaid)	Accepted on December 2022
		IJCBDD-130523	S.P. Raja		
	International Journal	Detecting Epileptic seizures using symplectic geometry decomposition based features	K. Visalini	World Scientific (Scopus)	Accepted on 2023
44	of Image and Graphics	and gaussian deep Boltzmann machines  IJIG-D-23-00001	A. Saravanan S.P.Raja	(Unpaid) Impact Factor – 0.16	https://doi.org/10. 1142/S021946782 450044X
45	International Journal of Intelligent Systems Technologies and Applications	Gesture-based mouse control system based on MPU6050 and Kalman filter technique	Narayanan Prasanth* Kaustubh Shrivastava Abhishek Sharma Aritri Basu Ritwik A. Sinha	InderScience (Scopus) (Unpaid)	Published on 2023  Vol. 21, No. 1  https://doi.org/10. 1504/IJISTA.2023 .130556
46	International Journal of Electronic Security and Digital Forensics	Android Malware Analysis using Multiple Machine Learning Algorithms  IJESDF-151252	Rahul Sahani S.P. Raja	InderScience (Scopus) (Unpaid)	Accepted on July 2023  10.1504/IJESDF.2 025.10058706

S.No.	Name of the Journal	Paper Title	Order of Authors	Publisher/College Name	Proof
47	International Journal of Electronic Security and Digital Forensics	Secure System to Secure Crime data using Hybrid RSA-AES and Hybrid Blowfish-Triple DES  IJESDF-151250	Raghav Modi S.P. Raja	InderScience (Scopus) (Unpaid)	Accepted on July 2023
48	International Journal of Electronic Security and Digital Forensics	Exploring Advanced Steganography Techniques for Secure Digital Image Communication: A Comparative Analysis and Performance Evaluation  IJESDF-149925	Rohit Deval S.P. Raja	InderScience (Scopus) (Unpaid)	Accepted on July 2023 10.1504/IJESDF.2 025.10058707
49	Social Network Analysis and Mining	Machine learning algorithm- based spam detection in social networks	M. Sumathi S.P. Raja	Springer (SCOPUS) Unpaid	Published on August 2023 Vol. 13 https://link.springe r.com/article/10.1 007/s13278-023- 01108-6

**ANNEXURE - IV** 

## **Details of Programs Attended / Chaired**

S.No.	Name of the Program	Paper Title	Date	Publisher/College Name	Proof
1	One day Seminar on Class Room Interaction	-	14 <sup>th</sup> July 2009	National College of Engineering, Maruthakulam	Certificate
2	National Seminar on Network Security	-	21st February 2009	Francis Xavier Engineering College, Tirunelveli	Certificate
3	Workshop on Maintenance of Hospital Equipments	-	20-21 January 2012	Velalar College of Engineering and Technology, Erode	Certificate
4	Free Workshop on IT Security & Ethical Hacking	-	4 April, 2012	Appin Technology Lab	Certificate
5	Misson 100 * 2	-	19 January, 2013	The Institution of Engineering and Technology (IET)	Certificate
6	A One Day International Workshop on Brain Based and Personality plus Teaching Strategies	-	14 December, 2013	St. Joseph College of Education	Certificate
7	One Day International Workshop on Effective usage of Web based Information Source and Access	-	22 August 2014	Thamirabharani Engineering College, Tirunelveli	Certificate
8	East – West Dialogues Siloism, Humanism and Spirituality	-	Feb 20 – 22, 2015	Kerala	-
9	International Conference on Research Vogues in Information & Communication Technologies ICRVICT – 2015	Chaired as a Judge	27 February 2015	DMI Engineering College, Aralvaimozhi	Certificate
10	Faculty Development Training Programme on C# and .NET Framework	-	May 25-31, 2015	Einstein College of Engineering, Tirunelveli	Certificate
11	Faculty Development Programme on Mobile Application Development Laboratory	-	December 11-12, 2015	Einstein College of Engineering, Tirunelveli	Certificate
12	5 <sup>th</sup> IEEE International Smart Cities Conference (IEEE ISC2 2019)	Chaired as a Technical Committee Member	October 14- 17, 2019	Casablanca, Morocco	Certificate

#### ANNEXURE – V

# **Details of Book Chapters Published**

S.N	No.	Name of the Book	Book Chapter Title	Order of Authors	Publisher/College Name	Proof
1	1	Blockchain Technologies, Applications And Cryptocurrencies: Current Practice And Future Trends	Blockchain-based e-Voting Application	Sam Goundar*  Rukshar Khan  Kunal Chand  Emmenual  Reddy  S.P. Raja	World Scientific	https://doi.org/10. 1142/9789811205 279_0008

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