

# Annual Research Report

# 2023

SRINIVAS UNIVERSITY



# SRINIVAS UNIVERSITY

Mangalore, Karnataka, India

# **Annual Research Report 2023**

#### VISION

The Research and Innovation council at Srinivas University strives to create an environment to support researchers who can achieve excellence in deriving dependable solutions to global challenges.

# MISSION

To lead, coordinate, and convey multidisciplinary innovative work arrangements in condition, vitality, and data innovation to meet client responsibilities on schedule and at cost. In completing this crucial, Applied Research Center is focused on giving preparing chances to the University's particularly different understudy body under the mentorship of the Center's globally perceived specialists and researchers.

# CHANCELLOR'S MESSAGE



My aim is to transform Society through education by setting up academic institutions in dynamic equilibrium with its social, ecological and economic environment striving continuously for excellence in education, research and technological service to the nation.

CA. A. RAGHAVENDRA RAO

# PRO-CHANCELLOR'S MESSAGE



We are committed to building a truly exceptional future for our students in an encouraging environment; and work tirelessly towards building skill-sets, knowledge and intellect of our students which imbibe in them curiosity, critical thinking, innovation and professional skills. *Dr. A. SRINIVAS RAO* 

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#### **Patrons**

- Shri CA A. Raghavendra Rao Chancellor
- Dr. A. Srinivas Rao
- Dr. K. Satyanaryan Reddy
- Dr. Anil Kumar
- Dr. Shrinivasa Mayya D
- Dr. Adithya Kumar Maiya
- Dr. Ajay Kumar

#### **Managing Editor**

• Dr. Praveen B.M.

Director, Research & Innovation Council

Registrar (Academic and Development)

Pro Chancellor

Vice Chancellor

**Registrar** (Evaluation)

Registrar (Development)

Registrar

#### Associate Editors

•	Abhishek	Research Scholar, ICIS, Srinivas University
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Rachana Research Scholar, IMC, Srinivas University

#### ABOUT THE SRINIVAS UNIVERSITY

Srinivas University, Mangalore, is a Private Research University in Mangalore, Karnataka, India established in 2013 by Karnataka State Act. Srinivas University is the flagship of 18 Srinivas Group of Institutions started by A. Shama Rao Foundation, Mangalore, India, a private Charitable Trust founded in 1988 by an eminent Chartered Accountant A. Raghavendra Rao.

A. Shama Rao Foundation has started many professional colleges in Mangalore which include: Srinivas Institute of Medical Sciences and Research Center, Srinivas Institute of Dental Sciences, Srinivas Institute of Technology, Srinivas College of Pharmacy, Srinivas Institute of Nursing Sciences, A Shama Rao Nursing School, Srinivas Integrated Campus, Srinivas College of Hotel Management, Vijayalakshmi Institute of Hospitality Sciences, Srinivas First Grade College, Srinivas School of Engineering, Srinivas Institute of Management Studies, Srinivas College of Physiotherapy, Srinivas School of Business, Srinivas School of Management, Srinivas College of Education, and Srinivas Institute of Social Work.

Presently, Srinivas University offers undergraduate, postgraduate, and research courses under 10 Faculties/Colleges with about 60 courses. The University made innovations in designing and starting new super specialty programmes both at UG, and PG level as per present and future industry relevance, innovations in examination system through focus on continuous evaluation and to make it foolproof. The University has established networking with many industries, universities, and education service providers to substantially improve the quality and weightage of the courses and degrees respectively.

# **Special Achievements**

- 1. Srinivas University has received the recognition form Department of Scientific and Industrial Research Government of India.
- 2. Dr. Sandhya Shenoy has Listed in top 2 % scientists of the world in the "Updated science-wide author databases of standardized citation indicators." published by Stanford University.
- 3. Dr. Sandhya Shenoy received Award for Outstanding Research Publications (AORP), Vision Group on Science and Technology (VGST), Government of Karnataka.
- 4. Dr. Praveen B M has received research Project from DST of worth 47 lakhs. It is a collaboration project between India, Malaysia and Indonesia
- 5. Srinivas University has 60 National level and International Patents
- 6. International Journal of Management, Technology and Social Sciences (IJMTS) of Srinivas University accepted for Indian citation indexing (ICI) New Delhi.
- 7. All the five journals of Srinivas University are registered for Sherpa/Romeo UK for Journal Deposit Policy.
- 8. CEO Insights has certified as one of the best University for Research in India.

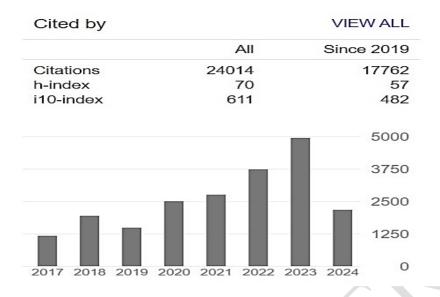
Ph.D. Scho	olars	Post-Doctoral Scholars			
2017	16	Post-Doctoral Fellows	219		
2018	18	Destan (Colomes	10		
2019	61	Doctor of Science	18		
2020	237		5		
2021	214	Doctor of Letters	5		
2022	255				
2023	115				
Total	916	Total	242		

# **Total Number of Scholars in Research Programmes**

# **Publications**

	Publication Year						
COLLEGE	2017	2018	2019	2020	2021	2022	2023
Institute of Engineering & Technology	44	58	44	70	56	54	75
Institute of Management & Commerce	64	71	35	106	106	173	122
Institute of Social Science & Humanities	32	48	11	04	33	4	100
Institute of Computer science & Information Sciences	33	57	28	32	23	73	30
Institute of Physiotherapy	13	5	17	05	03	5	29
Institute of Allied Health Sciences	11	09	04	05	02	5	14
Institute of Education	01	01	3	6	01	7	11
Total	198	249	142	228	224	321	381

# SRINIVAS UNIVERSITY GOOGLE SCHOLAR CITATIONS



# List of Research Coordinators

SL. No.	Name of the Coordinator	Name of the College/Institute	Email Id	
1.	Dr. Shailashree V T	Institute of Management & Commerce	shailashrivt@gmail.com	
2.	Dr.Soumya S Institute of Computer Science k Information Science pksoumyaa@gmail.com		pksoumyaa@gmail.com	
3.	Dr. Vidhya N	Institute of SocialScience & Humanities	vidyan.cssh@srinivasuniversity.edu.in	
4.	Prof. M S Kotian	Institute of AlliedHealth Sciences	mskot_70@yahoo.co.in	
5.	Dr. Praveen B.M. Dr. Krishnaprasad K	Institute of Engineering & Technology	researchdirector@ srinivasuniversity.edu.in krishnaprasadkcci@srinivasuniversity.edu.in	
6.	Dr. Padmanabha C.H	Institute of Education	deance@srinivasuniversity.edu.in	
7.	Dr. Rajashekar	Institute of Physiotherapy	deanphysiotherapy@srinivasuniversity.edu.in	
8.	Dr. M. S. Jose	Institute of Nursing	mnjose@gmail.com	

# D.Sc. D.Litt. and Ph.D. Awardees in 2023

D.Sc. And D.Litt. Awardees							
S.No	Name and Registration No	Subject	Title	Photo			
1.	Dr. M. Sivabharathy (20SUDSC003)	Physics	Characterization & Application Of Reactor Materials				
		Ph.D Aw	ardees				
S.No	Name and Registration No	Subject	Title	Photo			
2.	Steevan D Souza N (20SUPHDF01)	Management	Corporate Social Responsibility And Value Creation - A Study Of Large-Scale Manufacturing Industries Of Dakshina Kannada District				
3.	Devaseelan S. (19SUPHDS03)	Forensic Science	Printed Document Examination: A Forensic Analysis UsingRaman Spectroscopy & Stereo- Microscope				
4.	Swathi D. (19SUPHDS01)	Forensic Science	A Study On Factors Affecting The Handwriting of An Individual				
5.	Dr. Souparna Madhavan (19SUPHDS05)	Allied Health Science (Endodontic)	Oral Health Related Quality Of Life And Satisfaction OutcomeOf Patients After Non Surgical Endodontic Therapy				
6.	Riyas Basheer K. B. (18SUPHD20)	Physiotherapy	Analysis Of Neuromuscular Physiological Changes In Type Ii Diabetic Mellitus Clients Following Medium Frequency Electrical Stimulation				

	7.	J.D. Akshatha (19SUPHDF05)	Civil Engineering	Experimental Studies On Strength And Quality Aspects Of Concrete Containing Sustainable Materials	
	8.	D'souza Prima Frederick (20SUPHDF05)	Management	Customer Perception Towards Online Food Delivery Services With Reference To Palghar District, Maharashtra	
	9.	P. Sridhara Acharya (SUPHDCOMSC2017/ 01)	Computer Science	Design And Study Of An Electronic Charge Controller For Optimal Utilization Of The Solar Energy	
	10.	Suresh Babu P. R (20SUPHDF10)	Management	Determinants Of Customer Engagement On Major Online Marketing Platforms – A Study Of Millennials In Kochi Agglomeration	
	11.	Varadaraj S. (18SUPHD12)	Mechanical Engineering	Development And Evaluation Of Mechanical Characteristics Of Electrodeposited Nickel- Nanoparticles Composite Coatings	
2	12.	Purshotham P Katti (19SUPHDF04)	Nanotechnology	Development Of Metal– Nanoparticle Composite Coatings For Industrial Applications	
	13.	Sonali Shrivastava (SUPHDHESC2017/03)	Physiotherapy	Effect Of Matrix Rhythm Therapy On Oral Motor Movements In Children With Cerebral Palsy	

14.	Nataraja G (19SUPHDF01)	Chemistry	Corrosion Inhibition Studies Of Al 2014 Alloy By Using Novel Synthesized Organic Inhibitors In Acid And Neutral Chloride Medium	
15.	Retheesh P. T (19SUPHDF46)	Management	Study Of The Impact Of Houseboat Tourism On The Development Of Kumarakom - Opportunities And Challenges For Local Communities	
16.	G Nandini Prabhu (20SUPHDS54)	Commerce	Integrating Corporate Social Responsibility With Green Banking Practices From Customers' Satisfaction Perspective In Selected Indian Banks	
17.	Sangeetha Prabhu (19SUPHDF38)	Computer Science	A Novel Deep Learning Based Cyber Attack Detection System With Bait Based Approach For Mitigation	
18.	Adithya Kumar Maiya (20SUPHDF125)	Management	Innovations, Best Practices, And Distinctiveness In Higher Education Institutions – A Case Study Of Srinivas University	

# SRINIVAS UNIVERSITY

#### Research and Innovation Council Mukka Mangaluru.

#### LIST OF GUIDES

S. No.	Names	Subject Area	Mobile Number	Email Id	
1.	Dr K Satyanaryan Reddy	Computer Science	99864 22972	vicechancellor@srinivasuniversity.edu.in	
2.	Dr. Anil Kumar	Management & Commerce	9448389651	akgnairs@gmail.com	
3.	Lt. Cdr. Dr. Suresh Kumar P.K.	Management & Commerce	9886581025	cdrsuresh@yahoo.co.in	
4.	Dr. Narayan Kayarkatte	Management & Commerce	9341446472	knarayanb@gmail.com	
5.	Dr. C. Kusumakar Hebbar	Management & Commerce	9448351299	hebbarkc@yahoo.com	
6.	Dr. Shailashri V.T.	Management & Commerce	9448627556	shailashrivt@gmail.com	
7.	Dr. Ramesh Pai	Management & Commerce	9449639107	rameshpai080@gmail.com	
8.	Dr. K.V.M. Varambally	Management & Commerce	9731818003	kvmvarambally@gmail.com	
9.	Dr. Carmelita Goveas	Management & Commerce	9108568111	dsouza.carmelita@gmail.com	
10.	Dr. Sonia Delrose Noronha	Management & Commerce	7019238291	soniadelrose@gmail.com	
11.	Dr. K. Shivashankar Bhat	Management/ Economics	9449832525	bhatkss@yahoo.com	
12.	Dr. Ganesh Bhat	Management & Commerce	9448296647	ganbhatbvr@rediffmail.com	
13.	Dr. Suresh Ramana Mayya	Management & Commerce	9743490217	sureshmayya@hotmail.com	
14.	Dr. Jayashree K	Education	9845668083	jayashree_bolar@yahoo.co.in	
15.	Dr. Vijayalakshminaik	Education	9663383487	vijayalakshmi498@gmail.com	
16.	Dr. Vrinda J. Bhat	Forensic Medicine	7760231479	vrindabhatkamath@gmail.com	
17.	Dr. Pavan Chand Attavar	Microbiology	9945002002	docpavan2000@gmail.com	
18.	Dr. Krishna Prasad K	Computer Science	9740099882	karanikrishna@gmail.com	
19.	Dr. Laveena D Mello	Social science & Humanities	944861133	lavyoronha@gmail.com	
20.	Dr. Praveen B M	Chemistry	9980951074	bm.praveen@yahoo.co.in	
21.	Dr. Shubrajyotsna Aithal	Chemistry	9343404596	shubhraaithal@gmail.com	
22.	Dr. Santhosh D Shenoy	Physics	9008514567	santhoshdshenoy@yahoo.com	
23.	Dr. Uday Kumar Rao	AHS	24477399	deanmedical@srinivasgroup.com	

24.	Dr. Edwin Dias	Pediatrics	9845141115	dredwindias@gmail.com	
25.	Dr. Suphala Kotian	Social science & Humanities	9448723111	suphalakorian@gmail.com	
26.	Dr. Manjula K.T.	English	9741996547	manjula.kalyat@gmail.com	
27.	Dr. Pradeep M D	Social science & Humanities	9845922767	mdpradeepnair767@gmail.com	
28.	Dr. Srinivasa Mayya D	Mechanical Engg	9448328115	Srimayya_principal@sitmng.ac.in	
29.	Dr. Shashidar Kini K	Computer Science	9535251614	skinimca@sitmng.ac.in	
30.	Dr. Anant Kumar Kulkarni	Mathematics	9980189545	anant@sitmng.ac.in	
31.	Dr N M Jose	Nursing	9886115797	njosemathai@gmail.com	
32.	Dr. Vasudeva Bhat	Chemistry	7483734114	Bhatvasudeva2015@gmail.com	
33.	Dr. Rajanna G S	Electronics and Communication	9448705336	kgsrajanna@gmail.com	
34.	Dr. S N Jagadeesha	Computer Science	9916104383	Jagadeesha2012@gmail.com	
35.	Dr. R Srinivasa Rao Kunte	Computer Science	9980005535	kuntesrk@gmail.com	
36.	Dr. AMITH KIRAN B	Allied Health Sciences	9035787228	Naik.amithkiran@gmail.com	
37.	Dr. Bhuvana Ramachandran	English	8105240888	Bhuvanaram90@gmail.com	
38.	Dr B Devadasapai	Education	9449236844	devadasapai@gmail.com	
39.	Dr. Anoop B K	Computer Science	9447012013	dranoopbk@sitmng.ac.in	
40.	Dr. Vidya N.	Social Sciences	9480158009	Vidyakrithi.n@gmail.com	
41.	Dr. K. T. Shwetha	Social Sciences	9902322985	Kt.shwetha@gmail.com	
42.	Dr. Lourdusamy	English	9448744522	swamysac@gmail.com	
43.	Dr Prabhakar Neermarga	Management	9449083206	pneermarge@gmail.com	
44.	Dr Ganesh H R	Management	9538892980	hrganesha@yahoo.co.in	
45.	James M J	Management	9945131954	Jamesjmj26@gmail.com	
46.	Sudhakara A M	Computer science	9342185571	Sudhakar.mysore@gmail.com	
47.	Sukesh	AHS	9902310329	Pathdr78@yahoo.com	
48.	Uday Kumar Maiya	Physiotherapy	9845022467	udaymaiya@srinivasuniversity.edu.in	
49.	Dr Dinesh K V N	Physiotherapy	9880119797	dineshkvn@gmail.com	
50.	Dr Ajay Kumar	Physiotherapy	7019238290	registrardevelopment@srinivasuniveristy. edu.in	
51.	Dr Veeramanju	Computer science	9980560925	veeramanju.kalyan@gmail.com	
52.	Dr Rajesh	Kannada	9448732414	rbejja@gmail.com	
53.	Dr Shreelaxmi	Biochemistry	9986668611	shreelaxmi.hegde@gmail.com	
54.	Dr Talwar Prashanth Yadav	Psychology	6363389563	Talw63@yahoo.com	

55.	Dr Padmanabha C H	Education	7619581864	haipadmanabha@gmail.com
56.	Dr Rajasekar S	Physiotherapy	9448156719	deanphysiotherpy@srinivasuniverity.edu.i
57.	Dr. Bhaskar Bhat	Sanskrit	9141835279	<u>n</u> sondabhaskarabhat@gmail.com
	Dr. Shrikantha			
58.	Balthillaya	Sanskrit	9449664155	Shrikanth.balthillaya@gmail.com
59.	Dr Divakara Bhat H	Library and IS	9916349573	divakarabhat@gmail.com
60.	Dr Kadandale Ganapathy Bhat	Sanskrit	8971145225	Ganapathy.av@gmail.com
61.	Dr K V Shankaranarayna Bhat	Sanskrit	9964372431	Kvsnbhat666@gmail.com
62.	Arvind Chnadrakanth Shanbhag	Sanskrit	8880202206	gsb7baleri@gmail.com
63.	Dr Abhishek N	Management	9686119861	abhishekalmighty@gmail.com
64.	Dr. Abhinandan	Management	944947360	kulalabhinandan@gmail.com
65.	Dr Rajashekar Jamadandi	Kannada	9448441471	Raragna.j333@gmail.com
66.	Dr Kuladeepa Ananda Vaidya K	Allied Health Sciences	9242899045	vaidyakuldeep@gmail.com
67.	Dr B Gopal Achar	Sanskrit	7892991690	bgopalaacharya@gmail.com
68.	Dr Naveen Kumar J R	Nanotechnology and ECE	7204475949	naveenjr36@gmail.com
69.	Dr Sudha K	Management	9945740633	Sudhak20@gmail.com
70.	Dr Sujaya H	Management	8861928555	sujayaloknath@gmail.com
71.	Dr Asha Saraswathi B	Mathematics	9481756316	ashasarswathib@gmail.com
72.	Dr Prasad Mahale	Management	9538579585	Prasadmahale.pm@gmail.com
73.	Dr Pavitra Kumari	Management	8660429590	pavithrakumarishetty@gmail.com
74.	Dr Sowmya	Computer science	9945695694	pksoumyaa@gmail.com
75.	Dr.Ramachandra .G.Hegde	English	9448408842	Ramhegde62@gmail.com
76.	Dr Ambika.G.Mallya	English	9886812967	ambikagurumallya@gmail.com
77.	Dr Veena Santosh Rai	Management	9620013293	veenasanthoshrai@sitmng.ac.in
78.	Dr. V. Basil Hans	Economics	9845237602	Vhans2011@gmail.com
79.	Dr Sanjeev Kulkarni	Computer Sceince	7676354981	Sanjeev.d.kulkarni@gmail.com
80.	Dr Navin Bappalige	Physics	9844251900	nbappalige@gmail.com
81.	Dr Sandip Bhat	Computer Sceince	9448965401	Bhat.sandeepsirsi@sitmng.ac.in
82.	Dr Kavyashree	Management	8105285317	K_kavyashree@yahoo.com
83.	Dr Senthil Kumar	Management	8309006459	Senthilkumar1851@gmail.com
84.	Dr Thungesh	ENGLSIH	9481410793	tungeshgmt@gmail.com
85.	Dr. Venkatesh Amin	Management	7026207400	venkateshamin.imc@srinivasuniversity.ed u.in
86.	Dr Ramaraju	Psychology	9845695660	ramaraju09@gmail.com

87.	Dr Neethu Suraj	Management	9972413301	Neethusuraj2017@gmail.com
88.	Dr. Sreevidya	Oral Epidemiology	9108281393	Ksvidya5@yahoo.co.in
89.	Dr Prajna Shetty	Biochemistry	9844464598	Prajnashetty85@gmail.com
90.	Dr. Souparna Madhavan	AHS	9535649469	souparna1012@gmail.com
91.	Dr Swathi D	Forensic science	8217614697	swathid804@gmail.com
92.	Dr Devaseelan S	Forensic science	7259892541	devaseelan.s3@gmail.com
93.	Dr Guruprasad K G	AHS	7338105602	guruprasad73381@gmail.com
94.	Dr Shashi Joyce Soans	AHS	9845288235	shashi.joyce.soans@gmail.com
95.	Dr. Sangeetha	AHS	9945945087	sangeethamin@gmail.com
96.	Dr.Vinayak Bhandari	Management	9448893842	vinayakbhandari63@gmail.com
97.	Dr Janapathi Venkata Krishna	Computer Sciences	9246200205	Venkatakrishna.janapati@gmail.com
98.	Dr Thomas Pinto	Mechanical Engg	9980226974	deanengg@srinivasuniversity.edu.in
99.	Dr Jithendra P R Nayak	Computer Sciences	9902350230	jithendraatmanphdom@gmail.com
100	Dr Subrahmanya Bhat	Computer Sciences	9449452177	itsbhat@gmail.com
101	Lokesh V	Mec Engg	9743132565	Loki405@gmail.com
102	Dr Dheeraj Hebri	Computer Sciences	8147766271	Dheeraj.h7@gmail.com

# List of Patents

Sl.No	Name of The Teacher	Patent Number	Origin	Title of The Patent
1.	Praveen B M, A S Jeevan Chakravarthy, Bharath K Devendra, Nayana K O, Prasanna B M	202041034345	Indian - Published	Cyclohexane Derivative And A Method Thereof
2.	Dr. Achyuth Sarkar, Dr. E Laxmi Lydia, Dr. Raju, Dindigala, V.Sridhar, Dr.I.Sivakumar, Dr. Krishna Prasad K, Udit Mamodiya, Dr. A. Jayanthiladevi, Dr. T.P Latchoumi	202031019607	Indian - Published	Method For Diagnose Medical Problem Through Medical Image Processing Using Big Data And Machine Learning
3.	Praveen B M, A S Jeevan Chakravarthy, Bharath K Devendra, Nayana K O, K Raju, Prasanna B M, Narayna N Hebba	2021107269	Australian - Granted	Preparation Of Cyclohexanone Derivative And As A Corrosion Inhibitor For Mild Steel
4.	Praveen B M, Abdulraheem Safar Ali Almalki, Mallikarjuna N M, K Raju, B M Prasanna,	2021107012	Australian - Granted	Novel Azo Dye As Corrosion Inhibitor For Mild Steel

	Praveen Kumar M V, Rudresh M			
5.	Pankaj Mudholkar, Meghamudholkar, Dr. Kusum Yadav, Dr. Mannavayesubabu, Amedapu Srinivas, Dr. Gaurav Indra, Dr. Vishal Dattana, Dr Nethravathi P.S, Mrs Sonia V. Soans, Dr. Jyoti Dashora, Dr. Ansumansamal, Prof. Karunesh Saxena, Dr. Ravinder. M	2021104977	Australian - Granted	Intelligent System & Method To Protect And Secure Environment Of Premises Using Iot Network
6.	Dr. Nethravathi P.S , Dr. P. S. Aithal, Dr. Suhan Mendon, Dr. Ananth Prabhu G, Dr. Anush Bekal, Dr.Taramol.K.G, Dr. Soofi Anwar, Dr.Ganga Bhavani, Dr. Bhawana Rudra, Ms.Sonia V. Soans, Mr. Harish Neermarga	2021103335	Australian - Granted	System For Productivity Determination Using Machine Learning Based Face Recognition
7.	Dr. N P Kavya, Dr. K. E. Prakash, Dr. Dilip Kumar K, Dr. Nethravathi P. S., Dr. Mamatha Balipa, Dr. Mangala Shetty, Prof. Spoorthi B Shetty, Prof. Pallavi Shetty, Dr. Chetana Prakash, Mr. Pushparaj Nayak, Mrs. Sheetal A, Dr. Krishna Prasad K	2021102149	Australian - Granted	System And Method For Analyzing Transaction Data In Cryptocurrency Trading Using Artificial Intelligence Model
8.	Dr. Sk Dhakad, Dr. Mustafa Basthikodi, Dr. Vidya Bai G, Dr. Pankaj Agarwal, Dr. Nethravathi P. S, Mr. Daniel Frank, Dr. Prakash Kumar Udupi, Mrs. Sonia V. Soans, Dr. Sachin Gupta, Dr. Krishna Prasad K, Dr. Bhoomi Gupta, Ms. Babita Yadav, Dr. Pavithra G.,	2021102117	Australian - Granted	System For Secure Authentication And Inter- Communication Among Networked Iot Devices
9.	Nayak, Nikhil, Chandrahas Shetty, Vishwas	2021107002	Australian - Granted	Low-Cost Smart Fault Detection System For Power Transmission Lines
10.	Nayak, Nikhil, Shashanka, Raju Kulal, Rakesh, Chandrahas Shetty, Vishwas; Erappa Hallihal, Raghavendra, Hosagadde Ravi, Swarna	2021105961	Australian - Granted	Compiled And Trackable Health Record Data Uploaded In Cloud, Accessible With A Card
11.	J., Anvar Shathik; Mehbodniya, Abolfazl; Webber, Julian L.; Baliah, N. Tensingh; Wilson, J. John; Bhattasali, Tapalina; Sathian, Brijesh; Sindhu, D.;	2021107308	Australian - Granted	Method And System For Prediction Of Covid19 Through X- Ray Images Using Deep Learning

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	Mandawkar, Umakant D.; Sudarmani, D. N. P.			
12.	Doewes, Rumi Iqbal; Nair, Rajit; Anvar Shathik J.,; Mehbodniya, Abolfazl; Praveena, A.; Mishra, Manmohan; Mazumdar, Bireshwardass; L. Webber, Julian; Sidharthan, Senthil Kumar; Gopal, Girdhar	2021105093	Australian - Granted	Ensemble Deep Learning Approach For Genes Expression Classification
13.	Hawaldar, Iqbal Thonse, Manama, Bh; Mendon, Suhan, Dr.Nethravathi Periyapattana	202021106820 5	Australian - Granted	Verbesserung Der Mitarbeiterbindung Und Desfeedback Systems In Der Industrie Durch Maschinelles Lernen
14.	Dr. Vidya Bai G, Dr. Nethravathi P. S., Dr. Krishna Prasad K, Mr. Danielfrank, Mrs. Sheetal A, Mr. Pushparaj Nayak, Mr. Nidheesh K	202141013317	Indian - Published	System And Method For Human Resource Management To Improve Services Of Supermarket Using Computerized Online Platform
15.	Dr. Chinmaya Ranjan Pattanaik, Dr. K. E. Prakash, Vinayachandra, Dr. Charu, Geetha Poornima K, Rajeshwari M, Dr. Krishna Prasad K, Dr. Nethravathi P. S., Dr. Pavithra G., Dr. T.C.Manjunath	202131014317	Indian - Published	System And Method For Detection Of Faults In Gas Meter Using Compound Internet Of Things (Iot) Sensors
16.	Ajay Singh Yadav, Praveen Bm	202211016841	Indian - Published	Building A Big Data Analytics Service Frame Work For Mobile Advertising And Marketing
17.	Abdul Shareef Pallivalappil, Dr. Krishna Prasad K	202141040541	Indian - Published	Computer Implemented Method For Specific Response And Interaction From Retailers According To User Generated Search Requests
18.	Dr. Ananth Prabhu G, Dr.Karuna Pandit, Dr. Mustafa Basthikodi, Dr. Nethravathi P.S, Dr. Manjula Sanjay Koti, Dr. Anush Bekal, Shilpashree S, Rohan Don Salins, Sonia V. Soans, Vaishak N L	202141021200	Indian - Published	System For Management Of Ventilators For Covid Patients In Hospital Using Block Chain

19.	Praveen B M, Abdulraheem Safar Ali Almalki, Mallikarjuna N M, Published K Raju, B M Prasanna, Praveen Kumar M V, Rudresh M	202141038466	Indian - Granted	Novel Azo Dye As Corrosion Inhibitor For Mild Steel
20.	Ajay Singh Yadav, Praveen B M	202211007882	Indian - Published	Big Data Framework Fro Date Monitoring On Smart Campus
21.	Ajay Singh Yadav, Praveen B M	202111050496	Indian - Published	Transforming Health Care Management Using Artificial Intelligence
22.	Mr. J Anvar Shathik, Dr. K Senthil Kumar, Mr. Bilal Ahmed Mir	202141061026	Indian - Published	A Threat Model For Security Attacks On Internet Of Robotic Things Data Exchange
23.	Mr. J Anvar Shathik, Dr. K Senthil Kumar, Mr. Bilal Ahmed Mir	202141062026	Indian - Published	Deep Learning Techniques In Hippocampal Segmenattion Using Coronal Brain Mri
24.	Mr.Anvar Shathik J,. Mrs. Renisha P.S, Dr.V. Vijayagopal,Dr.A.Cathreengraci amary,K.Umamaheswari, Dr V Sumalatha, Ms.K.Valarmathi, Dr Ravikumar T, ,Dr. Brijesh Sathian	202141050967	Indian - Published	Machine Learning Based Price Negotiator E- Commerce Chabot System
25.	R.Venkateswara Reddy, Dr. Lakhwinder Singh,.Dr.N.Nooralleema, Mrs. S. Babeetha Mr. Sreejith S, Dr Deepthi P S, C.Lekha, Mr. Anvar Shathik J	202141053271	Indian - Published	Artificial Intelligence And Machine Learning Based Facial Recognition System For Songs Selection
26.	Kumar,. Dr. Md. Arefbillaha, Anvar Shathik J	202141051498	Indian - Published	Distributed- Computer Machine System For Smart Inspection And Classifying Of Fruits Using Opencv And Deep Learning Algorithms
27.	Mr S.Arockiajayadhas,. Dr. V. S. Manjula, Dr.A.Devipriya, Ms.Kalpana.,. A. Ranjith, , . J. Anvar Shathik, . B Hanumantha Rao	202141030583	Indian - Published	Early Warning System Using Rainfall Threshold And Internet Of Things
28.	Mr. Anvar Shathik J, Dr. Anita Soni, Mr. Abolfazl Mehbodniya, . Dr. Sanjay Shrivas, .K.R. Saravanan Dr. Archana	202141034950	Indian - Published	A Real Time Analysis And Prediction Of Mental Health Disorder

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	Sharma,.Damodharan D,. Ms. Alpanameena,. Pankaj Sarsia,. Santosh Verma			Based On Machine Learning Technique
29.	Pavan P Kashyap, Dr. V. S. Manjula, Krishnaraj Rao N S, Prof. Pooja Bhatt, Madhuben Sudesh Rao, Dr.G.Charlynpushpalatha, A. Ranjith, J. Anvar Shathik	202141032287	Indian - Published	An Iot And Block Chain Based System For Enhancing Computer Network Security
30.	Dr. S. Brilly Sangeetha, Dr. Krishna Prasad K	202241024857	Indian - Published	Blockchain Based High Secured Smart Ledger System For Storing Vaccination
31.	Dr. S. Brilly Sangeetha, Dr. Krishna Prasad K	202241049422	Indian - Published	Next Step Towards Sustainable Agriculture Using Blockchain Technology
32.	Dr. Krishna Prasad K, Dr. Navin N Bappalige, Dr. S. Brilly Sangeetha, Dr. Anup Patnaik, Dr. Soumya. S, Dr. Syed Hauider Abbas, Dr. Anoop B K, Dr. Nethravathi P S, Dr. P. Sreeramana Aithal	202341054682	Indian - Published	Ultra-Secure Biometric Identification System With Deep Learning Enhancements
33.	Dr. Soumya S, Dr. Sanjeev Rai, Dr. Navin N Bappalige, Dr. Krishna Prasad K Dr. Syed Shabbeer Ahmad, Dr. Sudhir Anakal, Dr. Vishal Dattana, Dr. Anup Patnaik, Dr. Sharmila Ashraf	20244101374	Indian - Published	Ai-Powered Device For Precise Amniotic Fluid Monitor And Pregnancy Management
34.	Dr. Edwin Dias, Dr. Anusha Dias And Dr. Navin N Bappalige	202441013657	Indian - Published	Push –Push-Pull Reintubation Technique For Neonatal And Infant Ventilation
35.	Dr. Soumya S, Dr. Krishna Prasad K, Dr. Navin N Bappalige, Mrs. Sonia Victor Soans, Dr. Anoop B K, Dr. Khatal Sunil Sudam, Dr. G Viswanath, Mrs.Shilpa S	202441014350	Indian - Published	Streamlining Attendance Tracking With Ai-Powered Face Recognition System
36.	Dr. S. Silvia Priscila Et Al	394484-001	Indian Granted	Apparatus And Devices For Checking, Security Or Testing
37.	Dr. B. Senthil Kumar Et Al	387914-001	Indian Granted	Elecommunications Equipment, Wireless

				Remote Controls And Radio Amplifiers
38.	Dr. Rasmi. A Et Al	387912-001	Indian Granted	Cancer Cell Detection Device
39.	Dr. Rasmi. A Et Al	387010-001	Indian Granted	Heart Attack Detection Device
40.	Dr.M.S.Nidhya. Et Al	389430-001	Indian Granted	Iot Enabled Respiratory Sensing Device
41.	Dr. Dinesha H. A. Et Al	387902-001	Indian Granted	Mobile Phone With Pop Up Camera
42.	Dr. S. Belina V J Sara Et Al	391262-001	Indian Granted	Device For Monitoring Water Pollutants Level
43.	Dr. Saju P John Et Al	387913-001	Indian Granted	Robot Based On Chatbot Program For Guiding And Providing Real Time Conversation With User
44.	Dr. A. Nicholas Daniel Et Al	387883-001	Indian Granted	Breast Cancer Detection Device
45.	Dr Sunil Kumar Et Al	390069-001	Indian Granted	Internet Of Things Based Air Quality Monitoring Device
46.	Dr. S. Radha Rammohan Et Al	388295-001	Indian Granted	Electric Operated Front End Loader Machine
47.	Dr. V. Saravanan Et Al	386125-001	Indian Granted	5g Wi-Fi Router
48.	Dr. V. Saravanan Et Al	376398-001	Indian Granted	Wi-Fi Router
49.	Dr. Vijayalakshmi Kakulapati Et Al	381059-001	Indian Granted	Heart Attack Detection Device

50.	Dr.R.Jayakarthik Et Al	389485-001	Indian Granted	Iot Based Bio Gas Leakage Detecting Device
51.	Dr. Bobby Lukose Et Al	394486-001	Indian Granted	Robot Based On Software Program For Real Time Conversation With User For Collecting Information
52.	Dr. C. V. Anchugam Et Al	388296-001	Indian Granted	Device For User Identity Verification
53.	Dr. Rachit Garg Et Al	394485-001	Indian Granted	Surveillance Camera
54.	Dr Bibhu Prasad Ganthla And Praveen B M Et Al	202341009149	Indian Published	Micro Grid Energy Management And Stimulating Of Stability System
55.	Ajay Singh Yadav, Praveen B M And Seema Agarwal Et Al	202321026411	Indian Published	The Impact Of Using Automation Is Transforming The Supply Chain Industry
56.	Dr Srinivas Acharya And Dr Praveen B M Et Al	202341009149	Indian Published	Optimized Integrated Renewable Energy Sources For Improving Power Quality With Power Electronic Controllers
57.	Kotilingiah And Praveen B M Et Al	202341047816	Indian Published	Synthesis Of Materials For Opt Two Dimensional Oelectronics
58.	Sasi Kumar Praveen B M, Et Al	202341043588	Indian Published	Machine Learning Based System For Early Prediction Of Nerve Disorders
59.	Praveen B M Et Al	202441030994	Indian Published	Synthesis, Characterization, Biological And Theoretical Studies Of Novel Pyridine Derivatives
60.	Anatntharama Et Al	202241025317	Indian Published	Iot Based Smart Farming For Automating Weather

				Forecasting And Monitoring Moisture Level To Prevent Crop Damaging For Higher Crop Yield
61.	Anatntharama Et Al	202241028353	Indian Published	Iot Based Smart Agriculture System To Prevent And Detect Crop Status Irrigation Soil Preparation Insect And Pest Detection Using Wsn Technology
62.	Praveen B M, Naveen Kumar J R, Bharath K Devendra	396292-001	Indian Published	Hydrogen Generation Kit
63.	Naveen Kumar J.R. Et Al	202023106050 Germen Patent	Granted	Super-Hydrophocity Of Areca Leaf Sheath Used For Water Repellent And Other Applications There-Off

# **INSTITUTE OF SOCIAL SCIENCE AND HUMANITIES**

### **REPORT ON NATIONAL CONFERENCE**

#### "INNOVATIVE TECHNOLOGIES IN HIGHER EDUCATION (ITHE)"

Srinivas University Internal Quality Assurance Cell (IQAC) and Institute of Social Sciences and Humanities organized a one-day National Level Conference with the theme "INNOVATIVE TECHNOLOGIES IN HIGHER EDUCATION (ITHE)" on 28<sup>th</sup> June 2023 at Srinivas University City Campus, Pandeshwar, Mangalore.

Chief Guest of the program Prof. Mohamedunni Alias Musthafa, Professor & Head of the Department of Education at the Central University of Kerala, addressed the gathering and emphasized the significant role of technology in today's education. He specifically highlighted the inclusion of artificial intelligence (AI) in education, noting that AI can address doubts and provide answers efficiently. However, he also acknowledged that AI cannot perceive human emotions. Prof. Musthafa further emphasized that education systems are evolving and adapting to the changing times, driven by the influence of technology.

In his presidential address, Dr P.S. Aithal, the Vice Chancellor of Srinivas University, emphasized the significance of utilizing technology in the learning process, stating that there are no age or professional restrictions when it comes to studying. Furthermore, he envisioned a future where technological advancements might enable machines to discern and comprehend human emotions.

The abstract and the proceedings of the last conference were released at this conference.

Dr. Vidya N., the Associate Professor and Conference Coordinator, along with Assistant Professors Prof. Joyson Prenky Cardoza, Prof. Sushmitha, Prof. Prajna B., and the MSW students were present at the conference. The event saw active participation from 60 individuals, and a total of 47 research papers were presented.

Dr. Laveena D'mello, Professor and IQAC Coordinator of Srinivas University, warmly welcomed the gathering, and Prof. Venkatesh Amin, Dean of the Institute of Management and Commerce, delivered the vote of thanks. Arun and Jibin students from the MSW compare the program.





National Conference on "Contribution & application of Ancient Sanskrit Literature in modern India" on 11th May 2024.



Dr Praveen B M, the Convener of the Program was also in the program. Around 50 research articles in Sanskrit from various parts of the country were presented at the conference and will be published in the refereed Journal. There will be scholarly lectures from the luminaries on the Contribution & application of Ancient Sanskrit Literature in modern India. The main themes of the conference were

- 1. Sanskrit on Health Sciences
- 2. Sanskrit on Architecture and Urban planning
- 3. Sanskrit and Astronomy
- 4. Sanskrit on Agriculture and Environment conservation
- 5. Sanskrit and Modern Technical Science
- 6. Sanskrit and Future planning
- 7. Sanskrit and Psychology

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#### **PUBLICATION DETAILS**

- 1. Pradeep, M. D., Adithya, K. M., & Aithal, P. S., (2023). Indigenous Distinctive Innovations to Achieve its Vision, Priority and Thrust A Case Study of Srinivas University. *International Journal of Case Studies in Business, IT, and Education (IJCSBE), 7*(1), 36-61. DOI: <u>https://doi.org/10.5281/zenodo.7551646</u>
- Bharadwaj, N., & Pradeep, M.D., (2023). A Lucid Analysis of the New Education Policy 2020. International Journal of Applied Engineering and Management Letters (IJAEML), 7(3), 1-15. DOI: https://doi.org/10.47992/IJAEML.2581.7000.0185
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- 4. Akshay, D Mandlik., & Pradeep, M.D., (2024). Challenges to the Social Work Curriculum in India A Review of Literature on the existing research Gap. *International Research Journal of Modernisation in Engineering Technology and Science*, 6(1), 2340-2366.
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- 11. Malar, M. & Pradeep, M.D. (2024). Spirituality and Professional Commitment of Teachers working in the Catholic High School in Bengaluru city- A Case Study. *International Research Journal of Modernisation in Engineering Technology and Science*, 6(5), 5879-5898. DOI: https://www.doi.org/10.56726/IRJMETS57107.

- 12. Harisoorya A. U. 1\*, & Vidya N. 2 International Journal of Health Sciences and Pharmacy (IJHSP), ISSN: 2581-6411, Vol. 7, No. 1, February 2023. SRINIVAS PUBLICATION Harisoorya A. U., et al. (2023); www.srinivaspublication.com PAGE 51 The Execution of Psychological Autopsy to Manoeuvre Cryptic or Suicide Deaths Inquests; a Disquisition of Psychological Autopsy Praxis in Reference to the Indian Terrain
- 13. Denny C. M. 1\* & Vidya N. International Journal of Management, Technology, and Social Sciences (IJMTS), ISSN: 2581-6012, Vol. 8, No. 1, February 2023 SRINIVASPUBLICATION Denny C. M., et al. (2023); <u>www.srinivaspublication.com</u> PAGE 140 Administrative Efficiency of Old Age Homes in Geriatric Care and the Level of Satisfaction of Inmates: A Study in Kottayam District
- 14. Deepa P, Vidya N and Ramaa Raju The Effects of Psychosocial Factors on Incidence of Suicide among Adolescent Students: A Review Analysis, , *International Journal for Multidisciplinary Research, Vol 6, Issue1, Jan-Feb 2024 E ISSN 2582-2160.* Paper Id-12297.
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- 23. K Shiv Kumar, Vidya N and Ramaa Raju. EPRA International Journal of Multidisciplinary Research. Vol 6, Issue 1, Jan 2024, E ISSN 2455-3662. Paper Id 12781.

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- 25. Published paper cited as Kalluraya, S. and Aswani, T.D. (2024). Macroeconomic Trend of India. Economic Affairs, Indexed by Scopus, published by AESSRA, New Delhi, India. 69(01): 01-06. Vol. 69(01), pp. 01-06, March 2024
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# **INSTITUTE OF PHYSIOTHERAPY**

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- 2. Rajasekar S Diaphragm and core stabilization exercises in low back pain: A narrative review Journal of Bodywork and Movement Therapies 1360-8592. <u>https://doi.org/10.1016/j.jbmt.2023.07.008</u>
- 3. Rajasekar S The effect of latissimus dorsi and teres major muscle length on shoulder flexion in throwers Gazzetta Medica Italiana Archivio per le Scienze Mediche.p ISSN 0393-3660, eISSN 1827-1812182 07-Aug , 99-404 <u>https://doi.org/10.23736/S0393-3660.23.04939-2</u>
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- 9. M. Premkumar Effect of muscle energy techniques and resistance training on gait in Parkinson's disease: a pre post pilot study International journal of research and analytical reviews E-ISSN 2348-1269, P- ISSN 2349-5138103757-76010.1729/Journal.35310
- 10. R. Kamalakannan Role of Aquatic Therapy in Knee Rehabilitation: A Narrative review
- 11. R. Kamalakannan Effect of including kinetic chain based exercises on pain, range of motion and functional outcome in subacromial pain syndrome a case study

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- Thrishala Noronha Effect of muscle energy techniques and resistance training on gait in Parkinson's disease: a pre post pilot study. International journal of research and analytical reviews E-ISSN 2348-1269, P- ISSN 2349-5138103757-76010.1729/Journal.35310
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- Madhuripu P Role of Physiotherapy Treatmentfor Complex Regional Pain Syndrome– A Narrative Review International Journal of Research And Analytical Reviews (Ijrar) E-Issn 2348-1269, P- Issn 2349-5138 104701-708
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- 21. Madhuripu P Myofascial release for tension type headache-ISSN 2348-1269,103595-599
- 22. Akshitha K R Association of patellofemoral pain syndrome (PFPS) with quadratus lumborum and lower limb muscle tightness a cross-sectional study Journal of Orthopaedics 2589-9082, 0972-978X
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- 23. Aishwarya Nitin Sonwane Effect of Rehabilitation Swallowing Therapy and Transcutaneous Electrical Stimulation for Swallowing on Post Stroke Patients International Journal of Creative Research Thoughts (Ijcrt)2320-2882119 E889-E894 <u>Http://Doi.One/10.1729/Journal.36847</u>

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- 25. Aishwarya Nitin Sonwane Effect Of Therab and Among Anterior Rotator Cuff Injury Patient: Pre-And Post-Trial International journal of research and analytical reviews E-ISSN 2348-1269103345-349 http://doi.one/10.1729/Journal.35278
- 26. Aishwarya Nitin Sonwane Efficacy of Transcutaneous Electrical Nerve Stimulation on Rotator Cuff Related Conditions International Journal of Creative Research Thoughts2320-28821112 <u>Http://Doi.One/10.1729/Journal.37340</u>
- 27. Radhika Gopal.S Yoga as A Management Strategy for Primary Dysmennorhea among Adoloscents- A Literature Review International Journal Of Research And Analytical Reviews (Ijrar) E-Issn 2348-1269, P- Issn 2349-5138103p486-493
- 28. Radhika Gopal.S Effect Of Cdt (Congestive Decompression therapy) and MLD (manual lymphatic drainage ) on Lymphodema control after surgery in breast cancer patients-Literature review IJFMR international journal for Multidisciplinary research. E ISSN 2582-2160 35 <a href="https://doi.org/10.36948/ijfmr.2023.v05i04.5682">https://doi.org/10.36948/ijfmr.2023.v05i04.5682</a>
- 29. Radhika Gopal.S Combined effect of physical activity and acupuncture in young women with dysmenorrhea -a literature review International Journal of Research and Analytical Reviews (IJRAR) E-ISSN 2348-1269, P- ISSN 2349-5138

# **PROJECTS**

SI.No	Student Name	Title	IRB/Ethical No
1	Abhipsa Pradhan	Impact of physical barriers among acute stroke patients in institutionalized set up – observational study	SUPT/MPTSYN101/2022
2	Acharya Richa Dattaram	Association among BMI muscle strength and cardiopulmonary endurance in young adult population	SUPT/MPTSYN102/2022
3	Adhvaryu Dhvani Pankajkumar	Effect of cervical mobilization on pulmonary function test in stroke survivors – pre post interventional design	SUPT/MPTSYN103/2022
4	Akshaya K	Association between kinesiophobia pain intensity functional performance balance pain pressure threshold in chronic OA	SUPT/MPTSYN104/2022
5	Amritha B	Effect of home based chair aerobic training among post partum women – single group pre post interventional study	SUPT/MPTSYN105/2022
6	Bumtaria Keyurkumar Yogeshbhai	Effect of synergy based motor training on motor function stroke – a randomized pilot study	SUPT/MPTSYN106/2022
7	Deviprasad R Bangera	Comparison of awake prone positioning and high side lying on cardiorespiratory parameters in immobilised ICU patients – a quasi-experimental study	SUPT/MPTSYN107/2022
8	Dsouza Tulip Diana Robert	Impact of Hand Grip Strength on cognitive function in middle aged adults – an observational study	SUPT/MPTSYN108/2022
9	G Dipika Patra	Effect of angular joint mobilization on pain range of motion and functional outcomes in participants with adhesive capsulitis – a quasi experimental study	SUPT/MPTSYN109/2022
10	Giniya Shrutiben Dineshbhai	Immediate effect of electrical cupping on plantar fasciitis – a randomized placebo control trial	SUPT/MPTSYN110/2022
11	Harshitha Iranna Hugar	Effect of sustained knee joint traction techniques and movement with mobilization on pain range of motion and functional outcomes in participants with osteoarthritis knee – a quasi experimental study	SUPT/MPTSYN111/2022
12	J M Janani	Effect of enhanced external counter pulsation (EECP) on heart rate variability in ischemic stroke patients – pre and post interventional design	SUPT/MPTSYN112/2022
13	Jyoti Prajapat	Comparison of modified posterior shoulder stretching exercise on shoulder mobility pain and dysfunctions in patients with subacromial impingement syndrome	SUPT/MPTSYN113/2022
14	Kansara Pranami Harshad	Cross cultural adaptation, test – retest reliability and construct validity of kannada version of headache impact test questionnaire .	SUPT/MPTSYN114/2022
15	Kavya Raveendran	Association between hamstring muscle tightness and gait in normal adults	SUPT/MPTSYN115/2022

16	Keelu Naga Jyothi	Effectiveness of pelvic PNF on dynamic balance, gait and function stroke – a randomized control trial	SUPT/MPTSYN116/2022
17	Kotian Sushmita Jagdish	Relationship between physical fitness and frailty stages in older population – cross sectional study	SUPT/MPTSYN117/2022
18	Leal Binu	Star excursion balance test normative data for asymptomatic patients in adult population	SUPT/MPTSYN118/2022
19	Leena Narayanan C K	Effect of telerehabilitation based OTTAGO exercise on pain, functional outcomes and gait velocity in participants of OA knee – a quasi experimental study	SUPT/MPTSYN119/2022
20	Malaviya Prima Rasmikantbhai	Association between prolonged ear phone users and balanced dysfunctions in young adults - observational study	SUPT/MPTSYN120/2022
21	Manisha Mahadev Naik	Factors influencing for return to functional activities and activities of daily living in chronic stroke patients	SUPT/MPTSYN121/2022
22	Muchhadiya Arjun Mansukhbhai	Fall prediction using the cone evasion walk test in older adults – observational study	SUPT/MPTSYN122/2022
23	Musani Maleka Husenbhai	Validity and reliability of 3 meter Backward walk test among older adults	SUPT/MPTSYN123/2022
24	Nakum Dhavalkumar Mukeshbhai	Association between shoulder external rotator strength and hand grip strength in asymptomatic healthy dentists	SUPT/MPTSYN124/2022
25	Nurukurthi Sandhya Rani	Relationship between forward neck posture with cervical sensory motor control and autonomic nervous system function based on smartphone addiction – a cross sectional study	SUPT/MPTSYN125/2022
26	Parikh Kajal Pravinkumar	Prevalence of trigger points and their association with kinesiophobia catastrophe pain self efficacy in chronic non specific low back pain – a cross sectional study	SUPT/MPTSYN126/2022
27	Parmar Hemali Rajeshbhai	Association of hip rotational range of motion with osteo arthritic knee	SUPT/MPTSYN127/2022
28	Quazi Ezzuddin Mohammed Aatif	Effect of contract relax antagonistic stretching technique in improving flexibility of hamstrings in patients with OA knee – a quasi experimental study	SUPT/MPTSYN128/2022
29	Rathod Nishaba Dashrathsinh	Effect of selective extrinsic muscle strengthening on plantar fasciitis and dynamic balance among recreational football players with pes planus	SUPT/MPTSYN129/2022
30	Sandra S Chandran	Association between osteoarthritis and ankle dorsiflexion range of motion	SUPT/MPTSYN130/2022
31	Subha Shankar Sahoo	Effect of treadmill running on heart rate variability in sedentary obese individuals – prognostic study	SUPT/MPTSYN131/2022
32	Sweety Agarwal	Effectiveness of arm hand boost therapy for upper limb function in acute and sub acute stroke patients – randomized controlled trial	SUPT/MPTSYN132/2022

33	Syamli	Association of forward head posture with upper cervical mobility with flexion rotation test and deep cervical flexor endurance – a cross sectional study	SUPT/MPTSYN133/2022
34	Vadhel Rahul Valjibhai	Effect of EMG biofeedback based trapezius muscle activation in reduction of tension type headache among young adults – randomized control trial	SUPT/MPTSYN134/202 2

# SPECIAL ACHIEVEMENT

- Dr. Rajasekar S, Dean has been invited as a speaker on a one-day national level workshop on "Myths and facts about osteoarthritis of knee – an evidence-informed approach" organised by Physiotherapy Professionals Association of Madurai on 29<sup>th</sup> January 2023.
- Dr. Rajasekar S, Dean has been invited speaker for a webinar on "Evidence-based approach on diagnosis and management of OA knee" organised by Wings Institute of Medical Sciences, Kerala on 12<sup>th</sup> February 2023.
- 3. Dr. Rajasekar S, Dean delivered 3 days of lectures and hands on workshop on" Manual Physical Therapy for Spinal Pain and Dysfunction An integrated Approach" at Govt—college of Physiotherapy, Trichy, Tamilnadu on 12<sup>th</sup> 13<sup>th</sup> and 14<sup>th</sup> May 2023.
- Dr. Rajasekar S, Dean has been invited as a speaker for the Mangalore Physiocon International Conference- organised by Mangalore Physiotherapy Teachers Association on 8<sup>th</sup> and 9<sup>th</sup> September 2023 and delivered a talk on "Strengthening the Core and Harmonizing with the Diaphragm – A Comprehensive Guide".
- Dr. Rajasekar S, Dean has been invited as a speaker for the one-day conference organised by Madurai Physiotherapy Professionals Association and delivered a talk on "Unravelling the Mystery – Central Sensitization in Chronic Pain" on 1<sup>st</sup> October 2023.
- 6. Dr. Rajasekar S, Dean was the resource person for the pre-colloquium workshop on "Myofascial Trigger Point Dry Needling for Chronic Nonspecific Low Back Pain" conducted on 28<sup>th</sup> November 2023 at Sri Ramachandra Institute of Higher Education and Research, Porur, Chennai.
- 7. Dr. Rajasekar S, Dean has been invited as a speaker for Sri Ramachandra International Physiotherapy Colloquium 2023 organised by Sri Ramachandra Institute of Higher Education and Research, Porur, Chennai and delivered a talk on "Headache Relief through Physiotherapy: A comprehensive guide to assessment and treatment" on 29<sup>th</sup> and 30<sup>th</sup> November 2023.
- Dr. Rajasekar S, Dean has been one of the resource persons in the panel discussion titled "Artificial Intelligence in Musculoskeletal Practice, Exploring the Possibilities" in Sri Ramachandra International Physiotherapy Colloquium 2023 held on 29<sup>th</sup> and 30<sup>th</sup> November 2023

## **INSTITUTE OF MANAGEMENT & COMMERCE**

### **PUBLICATION**

- 1. Ail, Y. A., & Kumar, P. S. (2023). Comprehensive study of Talent Management Practices and it's effect on Teachers Job satisfaction in Higher Educational Institutions. EPRA International Journal of Environmental Economics, commerce and Educational Management (ECEM), 10(12), 47-57.
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- Ail, Y. A., & Kumar, P. S. (2023). Talent Management in Education Sector: A comprehensive Literature Review. Journal of Emerging Technologies and Innovative Research (JETIR), 10(12), ISSN: 2349-5162."
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- Maithri.Pankaj, N. (2023). Investment in National Pension Scheme: Issues and Trends. International Journal of Case Studies in Business, IT and Education (IJCSBE), 7(4), 392-402.
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- 15. Pallavi G. P. and Dr Kusum Thantry Dsa, (2023), "A Systematic Review and Meta- Analysis of Behavioural Finance", "Trends in Computing, Automation Management, Economics, and Applied Social Sciences organized by Rohini College of Engineering and Technology, Kanyakumari, India, in association with Srinivas University, Mangalore, India, and Azteca University, Mexico, held on October 28, 2023.
- 16. "A Comprehensive Doctrine for Indian combat readiness; In International Waters by Decoding Gita, Arthashastra and the Art of War by Venkatesh S.Amin, Dr.Anil Kumar, Shashidhar Kotian World Sanskrit conference 2023.
- 17. INUTHA H K "Artificial Intelligence and its Impact on Higher Education" in two days national conference under IQAC 2023, Srinivas Institute of Management Studies, Published ISBN : 978-93-94676-70-1
- 18. INUTHA H K "A Study on Flipped Learning Model and its Implementation in Higher Education" in two days national conference under IQAC 2023, Srinivas Institute of Management Studies, Published - ISBN : 978-93-94676-70-1
- INUTHA H K "A Study on Technology enhanced learning" in two days national conference under IQAC 2023, Srinivas Institute of Management Studies, Published - ISBN : 978-93-94676-701
- 20. INUTHA H K "The Impact of Globalisation on Higher Education" in two days national conference under IQAC 2023, Srinivas Institute of Management Studies, Published ISBN : 978-93-94676-70-1

### **BOOK/BOOK CHAPTER PUBLICATION DETAILS IN APA FORMAT**

- Vinayak.M Bhandari ""Human Resource Management."" EDWISE Publishers, Mangalore(2023) ISBN:978-93-93169-45-7
- Vinayak .M Bhandari ""Business Regulatory Framework"" EDWISE Publishers, Mangalore(2023) ISBN:978-93-93169-48—8
- Gopalkrishna.S Bhat and Vinayak. M Bhandari ""Goods and Services Tax""-Vardhan Publication, Kumta(2023)
- 4. Gopalkrishna S Bhat and Vinayak M Bhandari ""Assessment of Non Individuals and Filing of ITRs""Vardhan Publication, Kumta

- Shenoy, Sanjana S. & Shailashri, V.T. (2023). Role of Industry Academia Collaboration in Skill Enhancement- A Review. June 2023. Emergence and Research in Interdisciplinary Management and I.T., Edited by Dr. P. K. Paul, New Delhi Publishers, New Delhi, India. Chapter 12, pp. 201-214. ISBN: 978-81-19006-34-2.
- Ashwini, V. (2023). A Comprehensive Study of CSR for sustainable Practice Cosmetic Brand Mamaerath. Emergence and Research in Interdisciplinary Management and Information Technology, 8(1), 141-153.
- Poojari Jayashree Muddu, C.K. Hebbar(2023). A Case Study on the Impact of PSB Merger on Indian Private Sector Banks. June 2023. Applied Social Science Management in Digital & ICT Society, Edited by Dr. P.K.Paul, New Delhi Publishers, New Delhi, India. Chapter 10, pp. 113-124. ISBN: 978-81-19006-32-8.
- Poojari Jayashree Muddu, C.K. Hebbar(2023). Mega Bank Merger-2019: A Case Study on Indian PSBs. June 2023. Applied Social Science Management in Digital & ICT Society, Edited by Dr. P.K.Paul, New Delhi Publishers, New Delhi, India. Chapter 11, pp. 125-138. ISBN: 978-81-19006-32-8."
- Parvin, S. R., Panakaje, N., Dsouza, A., & Rahiman, H. U. (2024). A Bibliometric Analysis
  of Sustainable Leadership as a Partnership to Achieve the Goal (SDG17). In Information
  and Communication Technology in Technical and Vocational Education and Training for
  Sustainable and Equal Opportunity: Education, Sustainability and Women Empowerment
  (pp. 361-375). Singapore: Springer Nature Singapore.
- Pallavi G. P. and Dr. Kusum Thantry Dsa (2023), Modern Aspects of Technology in Management and a book titled "Educational Reforms in the Modern World"". April, 2023. Published by A2Z Edu Learning Hub, with an ISBN of 978-81-962554-0-4.
- 11. Pallavi G. P. and Dr. Kusum Thantry Dsa, (2024) Submitted a book chapter titled: "Technology in the Fintech Revolution: Promoting Access to Opportunities for Investment". January 2024, Book titled "Recent Trends in Computer Science, Engineering, Management, and Social Science."" Dated January 2024.
- 12. Pallavi G. P. and Dr. Kusum Thantry Dsa, (2024), Submitted a book chapter titled:
  'Technological Innovations to Promote Financial Inclusion: A Comprehensive Analysis of Digital Payment Systems and Blockchain Solutions". May 2024. Book titled "The Future of Money: Trends in Financial Innovation" (Volume 1), published by Vibesink Press Dated May 2024."

- Neetu Suraj Adoption of Digital Tools for Accounting Functions Academicians and Practitioners Perspective, Studies in Systems, Decision and Control, Springer Nature (Cambridge University),2024,Scopus.
- Neetu Suraj Do corporate renewable energy initiatives influence sustainable development?
   Studies in Systems, Decision and Control, Springer Nature, (Gulf University), 2024, Scopus
- 15. Dr.Suby, Rahul Thampi R, Reshma, Viji Vijayan(2023), Entrepreneurship Development and project Management, Blue Duck Publication
- 16. GINSA ROSLET GEORGE Feasibility of transforming the Ecological Buffer Zone of Periyar National Park into Soft and Responsible tourism spots concerning recent geological research - A Case Study. ISBN: 978-81-19006-38-0
- 17. GINSA ROSLET GEORGE Emerging Data Science in The Hospitality Industry to Provide Unique Service Quality – A Case Study. ISBN: 978-93-94676-57-2

# **INSTITUTE OF COMPUTER SCIENCE & INFORMATION**

Sl. No.	RESEARCH CENTRES	COORDINATOR
1	Cache Modelling in Distributed Systems	Dr. Subrahmanya Bhat
2	Srinivas Centre For Research in Energy Management	Dr. P. Sridhara Acharya
3	Srinivas Center for Multilingual Neural Translation	Dr. Soumya.S
4	Srinivas Centre for Research in AI - Optimized Precision Irrigation Systems.Prof. Swathi Kuma	
5	Srinivas Centre for Research in exploring the impact of signal processing techniques on biomedical imaging quality Prof. Abhishek A	
6	Srinivas Center for Wireless and Mobile Networking	Dr. Soumya. S
7	Srinivas Centre for Web Development and Cyber Security	Prof. Rhea Uppala
8	Srinivas Research Centre for DATA MINING	Prof. V. Srinivasan
9	Cache Management in High Performance Computing	Dr. Subrahmanya Bhat
10	Srinivas Research Center for Digitization of Tulu handwritten script using NLP	Prof. Sandhya Bangera

### LIST OF ATOMIC RESEARCH CENTERS

### **PUBLICATIONS**

### ICIS Journal Conference Publications from Jan 2023-December 2023

- 1. Bangera, S., & Bhat, S. (2023). Sustainability through Artificial Intelligence in Oil and Gas Industry-A Case Study. International Journal of Case Studies in Business, IT and Education (IJCSBE), 7(4), 353-365.
- Swathi Kumari H., & K. T. Veeramanju. (2023). Revolutionizing Agriculture: A Case Study of IBM's AI Innovations. International Journal of Applied Engineering and Management Letters (IJAEML), 7(4), 95–114. DOI: 10.47992/IJAEML.2581.7000.0195.
- 3. Soumya, S., Aithal, P. S., & Bappalige, N. N. (2023). TinyML for Alzheimer's Research: Harnessing Neural Networks for Insights and Diagnostics. In Future trends in Information, Communication and Computing Technology (Vol. 1, Number 1, pp. 106–111). Srinivas Publication. DOI: 10.5281/zenodo.10419681
- 4. Bangera, S., & Bhat, S. (2023). A Systematic Study of Application of Cognitive Intelligence in Mphasis–a Case Study. International Journal of Case Studies in Business, IT and Education (IJCSBE), 7(2), 360-380.
- Motupalli, R. K. and Krishna Prasad K 2023). Augmenting The Cloud Environment Security Through Blockchain Based Hash Algorithms. *Journal of Computer Sciences Institute*, 26(1), 1– 6.

- 6. Syed Shabbeer Ahmad and Krishna Prasad K (2023). An Artificial Intelligence (AI) Enabled Framework for Cyber Security Using Machine Learning Techniques. International Research Journal of Parroha Multiple Campus (IRJPMC), 2(2), 93-104.
- Kumar, S., Krishna Prasad, K., & Aithal, P. S., (2023). Tech-Business Analytics –a New Proposal to Improve Features and Quality of Products and Services in Various Industry Sectors –An Explorative Study. International Journal of Management, Technology, and Social Sciences (IJMTS), 8(2), 53-70.
- 8. S Brilly Sangeetha and K Krishna Prasad (2023). Reinforcement Learning Based Blockchain for Enhanced Attack Detection in IoT Networks. *ICTACT Journal on Communication Technology*, 14(2),
- 9. Dattana, V., & Krishna Prasad, K. (2023). Optimizing Routing in MANETs with Energy Conservation. International Journal of Applied Engineering and Management Letters (IJAEML), 7(3), 75-87.
- 10. Syed Shabbeer Ahmad and Krishna Prasad K (2023). Forecasting Nasdaq stock progressions using classification and deep learning techniques. International Journal of Multidisciplinary Research and Growth Evaluation, 4(5), 40-49.
- 11. Syed Shabbeer Ahmad and Krishna Prasad K (2023). A Real Time Detection of License Plate for Non- Helmeted Motor Cyclist using YoloV5. Industrial Engineering Journal, 52(9), 376-387.
- Syed Shabbeer Ahmad and Krishna Prasad K (2023). A Novel Machine Learning Framework for Analyzing Performance of Different Prediction Models by Using Automatic Malware Detection (AMD) Algorithm. Apex Journal of Business and Management, 1(1), 11-20.
- 13. Ramanathan, G., & Jagadeesha, S. N. (2023). Prediction of Coronary Artery Disease using Artificial Intelligence–A Systematic Literature Review. International Journal of Health Sciences and Pharmacy (IJHSP), 7(1), 1-32.
- Ramanathan, G., & Jagadeesha, S. N. (2023). Prediction of Coronary Artery Disease using Machine Learning–A Comparative study of Algorithms. International Journal of Health Sciences and Pharmacy (IJHSP), 7(2), 180-209.
- 15. Pallivalappil, A. S., & Jagadeesha, S. N. (2023, August). Data integrity validation using host write counts in Solid State Drive (SSD) in digital forensic investigation. In 2023 Second International Conference On Smart Technologies For Smart Nation (SmartTechCon) (pp. 1342-1346). IEEE.
- 16. Chandavarkar, N. D., & Nethravathi, P. S. (2023). SWOT Analysis on AI-based Self-driving Car Companies. *International Journal of Management, Technology and Social Sciences (IJMTS)*, 8(3), 89-102.
- 17. Chandavarkar, N. D., & Nethravathi, P. S. (2023). Analysis of Challenges faced during Adoption of ICT by Small and Medium Enterprises in India. International Journal of Management, Technology and Social Sciences (IJMTS), 8(2), 1-21.
- Chandavarkar, N. D., & Nethravathi, P. S. (2023). SWOC Analysis of the Information Technology Rules, 2021 on Social Media and OTT Platform. International Journal of Management, Technology Srinivas University-Research Conclave-2024 53

and Social Sciences (IJMTS), 8(3), 206-219.

- 19. Priyadarshini, P., & Veeramanju, K. T. (2023). A Systematic Review on Machine Learning Algorithms for Customer Satisfaction Classification in Various Fields. International Journal of Management, Technology and Social Sciences (IJMTS), 8(3), 326-339.
- Shilpa, K. & Krishna Prasad, K. (2023). A Study on Employee Job Satisfaction in the IT Industry in Bangalore. International Journal of Case Studies in Business, IT, and Education (IJCSBE), 7(4), 366-378.
- Shilpa, K. & Krishna Prasad, K. (2023). Mahindra and Mahindra Financial Services Ltd– A Case Study. International Journal of Case Studies in Business, IT, and Education (IJCSBE), 7(4), 379-391.
- 22. Shilpa, K. & Krishna Prasad, K (2023). A Study on Data Mining Techniques, Concepts and its Application in Higher Education. International Research Journal of Engineering and Technology (IRJET), 10(7), 777-784.
- 23. Shilpa, K. & Krishna Prasad, K (2023). A Study on Data Mining Techniques to Improve Students' Performance in Higher Education. International Journal of Science and Research (IJSR), 12(10), 1287-1292.
- 24. Shilpa, K. & Krishna Prasad, K (2023). Information Technology Company's Financial Analysis in India. *International Journal of Research and Analytical Reviews (IJRAR), 10*(3), 139-148.
- 25. Madhura Yadav M P & Dr. Sanjeev Kulkarni (2023). SECURING THE CLOUD: A CRITICAL APPRAISAL OF DATA SECURITY STRATEGIES. International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), 11(9), 3463-3470.
- 26. Madhura Yadav M P (2023). Edge Computing: Empowering Real-time Applications and Enhancing User Experience. National Conference on Future Trends in ICCT, (NCFTICCT). Paper 22.
- 27. Madhura Yadav M P & Dr. Sanjeev Kulkarni (2023).Navigating the Cloud: Unpacking Security Dilemmas and Challenges. TECHHORIZON 2023, ADVANCING FRONTIERS IN COMPUTER SCIENCE & INFORMATION TECHNOLOGY, DECEMBER 2023, 46.
- Kumar, S., & Kunte, R. S. R. (2023). ABCD Analysis of Industries Using High-Performance Computing. International Journal of Case Studies in Business, IT and Education (IJCSBE), 7(2), 448-465.
- 29. Kumar, S., & Kunte, S. R. (2023). SWOT Analysis of Parallel Processing APIs-CUDA, OpenCL, OpenMP and MPI and their Usage in Various Companies. International Journal of Applied Engineering and Management Letters (IJAEML), 7(4), 300-319.
- 30. Kumar, S., Kunte, R. S. R., & Vaidya, P. (2023). Systematic Literature Review on Parallel Sorting and Searching Algorithms for Graph Analytics Problems. Sparklinglight Transactions on Artificial Intelligence and Quantum Computing (STAIQC), 3(1), 1-15.

### NATIONAL CONFERENCE HELD ON 11-12-2023, TECHHORIZON 2023



The "TechHorizon 2023" conference, a notable event in the field of Computer Science and Information Technology, was meticulously organized into three sessions. It commenced on 20-12-2023 at 10 a.m., with Assistant Professor Rhea serving as the master of ceremonies. The dais was graced by esteemed personalities including Dr. Subramanya Bhat, Dean of ICIS , Dr. P. Sridhara Acharya, HOD of BCA, Professor Divya Naveen, HOD of MCA, and the conference convener, Dr. Soumya.S. The event was further elevated by the presence of the chief guest, Mr. Shrinidhi SR, CEO of Sarvajna Edutech Pvt Ltd.

The first session was marked by a series of flowerily welcomes, creating a

warm and respectful

atmosphere. The key highlights included Prof. Divya Naveen and Dr. Subramanya Bhat being welcomed by their peers, and Dr. P. Shridhara Acharya and Dr. Soumya.S receiving similar honors.

The program began traditionally with a prayer and the lighting of the lamp. Dr. P. Sridhara Acharya delivered the welcome speech, followed by an overview of the conference by Dr. Soumya.S. The chief guest then addressed the audience, enlightening them on the impact of AI generative applications in computing and the importance of financial education for students. He also introduced his innovative app, "Cherry Learn," designed for primary school children. <image><text><text><section-header><section-header><section-header><section-header><section-header>



Presidential address was delivered by Dr. Subramanya Bhat, during his presidential address, highlighted the challenges faced by research scholars who also serve as assistant professors in universities. He emphasized their struggle to allocate time for research due to their demanding schedules. Additionally, he addressed the importance of time management. The vote of thanks was graciously delivered by Prof. Jeetha Srinivas, Head of Department (HOD) for the BSc.

Mainly based on research and applied knowledge from extensive experiences in digital forensics and cyber- security. He is also a subject matter expert in the domain such as Digital Forensics, Cyber Security, Cyber Crime & Terrorism, Threat Intelligence, (Open Source, and Dark Web & Social Media Intelligence).

Dr.P.S.Aithal, Vice chancellor and Prof. Subramanya Bhat, Dean of ICIS were present for the programme.

Dr. Krishna Prasad K, Associate Professor of ICIS and Brach Counsellor, IEEE Srinivas University student branch welcomed the guest speaker.Mrs.Suchetha, Chair, IEEE Srinivas University student branch gave the vote of thanks. Around 50 Research Scholars and IEEE members attended the webinar.



The second session commenced at 11 a.m. with Dr. P.S Aithal, former Vice Chancellor of Srinivas delivering a keynote University, speech on "Alternative Smart-Innovative Applications of AI-Based **GPTs** in Academic Research and Publications." This was followed by Dr. Jagadeesha SN's insightful talk on "Emerging Technologies in Computer Science and Information Technology." The third session, a blend of online and offline

presentations, started in the afternoon. Dr.

Shashidar Kini chaired the online session, featuring 15 research scholars from various fields, while the offline session, led by Dr. P. Sridhara Acharya, showcased 8 paper presentations. Assistant Professor Rhea adeptly hosted the online segment, ensuring a seamless integration of virtual and in-person elements.

Overall, the "TechHorizon 2023" conference stood out as a comprehensive and engaging platform, showcasing the latest advancements and encouraging insightful discussions in the realm of Computer Science and Information Technology.

### PAPER PRESENTATIONS OFFLINE MODE:

Sl.No	Presenter Name	Guide Name
l,	1.Analysis the Software products companies of operating system software markets and feature prediction in data mining software. V. SrinivasanSoumya.S	
2. The study on the underwater species by using Robots and Artificial Intelligence (AI) Rashmi.P		

	Comparative Study of different approaches for	
3.	digitizing Tulu handwritten Scripts.	Subrahmanya Bhat
	Sandhya Bangera	
	Analyzing Customer Satisfaction: The Revolutionary	
4.	Impact of Artificial Intelligence. Priyadarshini P	K. T. Veeramanju
	A Scope of Autonomous Robotics In the Society	
5.	Using AI.	
	Abhishek A Vernekar	
	Implementation of AI in Agriculture: Challenge	
6.	and Opportunities.	K. T. Veeramanju
	Swathi Kumari. H	
7.	Brain Tumour segmentation using Mask-R-CNN Divya Kumari	Dr.Anoop B K
	Implementation of AI in Automobile Industry: A	
8.	comparative Study.	
	Ananya Shetty	
ER PRES	SENTATIONS ONLINE MODE	

### PAPER PRESENTATIONS ONLINE MODE

Sl.No	Title & Presenter Name	Guide Name		
1.	Issues and challenges of Human Resource Management and Information Communication Technology Roshel Pinto	Dr. V. Basil Hans		
2.	A Systematic Review on Various Approaches for News Headlines Categorization in Malayalam Language. Ramseesa	K. T. Veeramanju		
3.	A novel method for developing query interface in explainable AI framework. Krishna PrakashKrishna Prasa			
4.	Neuron AI Chatbot: Exploring the evolution and efficacy of AI chatbots in range of applications for Human interaction. Darshan P.R, Harsha Y			
5.	Advancing Human-AI Collaboration: A Comprehensive Study on Interactive and Explainable Machine Learning Systems. Ms. Kamala			
6.	Role of information technology in retail stores. Dyanel D Costa	Dr. V. Basil Hans		
7.	Threat Modeling based on STRIDE methodology using ChatGPT. Santhosh Pai	Dr. Srinivasa Rao Kunte R		
8.	Exploring the Potential of Machine Learning Algorithms for Prediction of Chronic Kidney Disease. Meghana G R	Dr. A Sasi Kumar		
9.	An Overview of Machine Learning and its applications in the field of Oncology. Anusha S. Rai A	Dr. R. Srinivasa Rao Kunte		
10.	A Comparative Study on Short term traffic flow prediction using ANN and CNN. Sigma Sathyan	Jagadeesha S N		

11.	An Exploratory Case Study on Gamification in Educational Sector. Siji Jose Dr.Subrahmanya Bhat	
12.	Revolutionizing Face Detection Technologies: Enhancing Accuracy and Deploying Innovations in University Environments – A literature Review.Soumya.S	
13.	Visual cryptography for color Video using different Halftoning techniques. Pallavi C.S	
14.	Development Of Support Vector Machine Based Hevea Brasiliensis Leaf Disease Detection System & Tensorflow Based Mobile Application. Sanju S Anand	Dr. Shashidar Kini
15.	Exploring the Effectiveness of Information Gain Method for Feature Selectionin Designing Intrusion Detection Systems for IoT Security: A ComprehensiveLiterature Review Laiby Thomas	Dr. Anoop B.K

# **INSTITUTE OF ENGINEERING AND TECHNOLOGY**

### International Conference on Electronics, Mechanical and Nanotechnology

(ICEMN-2023) inaugural program was conducted in Hotel Srinivas on 29<sup>th</sup> December 2023. The program was inaugurated by Dr. Umamaheswaran R. (Distinguished Scientist, ISRO). ISRO has imitated a lot of activities and it takes support from the General public and Student community. Students can come to ISRO and learn about satellite and Rocket technology. We will give hands-on training to students and faculty members. In this connection, I Invite Srinivas University students to use this opportunity at ISRO

Dr. S. Muralikrishna - Scientist, Sensor Technology Lab, King Mongkut's University of Technology, Thailand stressed on Nanotechnology and the advancement of LI ion batteries in the whole process

Dr Anil Kumar vice Chancellor of Srinivas University stressed the current trend and opportunities for students in Technical Fields. He requested Umamaheshwaran to give different types of training to our students.

Dr A Srinivas Rao – Pro-Chancellor said that Srinivas Will give a lot of support for Research activities. This conference will help to do more collaborative research work in our university.

Dr CA A Raghavendra Rao has informed the participants that, Srinivas University will give all the support for MOUs, combined research activities, and collaborations. He stressed that Srinivas University will be the top university in Research in future. He also expressed an interest in making more collaborative activities with ISRO and asking for more cooperation from ISRO for these activities.

Dr Praveen B M Welcomed the gathering. Prof Chaitra Expressed a vote of thanks. Prof Rohan was the MC and Ms Madhuri Acharya prayed the invocation song. Prof Srinath Rao introduced the chief guests to the audience.

Registrars Dr Ajay Kumar, Dr Thomas Pinto – Dean, Dr Naveen Kumar J R – Head of Electronics were present in the program.

Around 100 papers from UK, Malaysia and all over the country were registered and participated in the conference. This conference will address the present problems and solutions through Nanotechnology.



### LIST OF PUBLICATIONS

- Bhat, D.K., Uma, P.I. and Shenoy, S.U. (2023). "Insights into the Dopant Engineering in Copper-Doped SrTiO<sub>3</sub> Nanocubes." *J. Hazard. Mater. Adv.*, 12, 100380.
- Uma, P.I., Shenoy, S.U. and Bhat, D.K. (2023). "Nanocubic Copper Doped SrTiO<sub>3</sub> for Photoreduction of Cr (VI) and Photodegradation of Methyl Violet." ACS Appl. Nano Mater., 6, 16798 – 16804.
- Bhat, D.K., Bantawal, H., Uma, P.I. and Shenoy, S.U. (2023). "Enhanced Photoresponse and Efficient Charge Transfer in Porous Graphene-BaTiO<sub>3</sub> Nanocomposite for High Performance Photocatalysis." *Diam. Relat. Mater.*, 139, 110312.
- Kihoi, S.K., Shenoy, S.U., Kahiu, J.N., Kim, H., Bhat, D.K., and Lee, H.S. (2023). "Tailoring the Thermoelectric Performance of the Layered Topological Insulator SnSb<sub>2</sub>Te<sub>4</sub> Through Bi Positional Doping at the Sn and Sb Cation Sites." ACS Appl. Electron. Mater., 5, 4504 – 4513.
- Uma, P.I., Shenoy, S.U. and Bhat, D.K. (2023). "Doped BaTiO<sub>3</sub> Cuboctahedral Nanoparticles: Role of Copper in Photocatalytic Degradation of Dyes." *Appl. Surf. Sci. Adv.*, 15, 100408.
- Kahiu, J.N., Kihoi, S.K., Kim, H., Shenoy, S.U., Bhat, D.K. and Lee, H.S. (2023). "Asymmetric thermoelectric performance tuning in low-cost ZrFe<sub>x</sub>Ni<sub>1-x</sub>Sb double half- Heusler materials." *ACS Appl. Energy Mater.* 6, 4305 – 4316.

- Uma, P.I., Shenoy, S.U. and Bhat, D.K. (2023). "Electronic Structure Engineering of BaTiO<sub>3</sub> Cuboctahedrons by Doping Copper to Enhance the Photocatalytic Activity for Environmental Remediation." *J. Alloys Compd.*, 948, 169600.
- Kihoi, S.K., Shenoy, S.U., Kahiu, J.N., Kim, H., Bhat, D.K. and Lee, H.S. (2023). "Pushing the Limit of Synergy in SnTe-based Thermoelectric Materials Leading to an Ultra-Low Lattice Thermal Conductivity and Enhanced ZT." *Sustain. Energy Fuels*, 7, 1916 – 1929.
- Kim, H., Kihoi, S.K., Shenoy, S.U., Kahiu, J.N., Shin, D.H., Bhat, D.K. and Lee, H.S. (2023). "High Thermoelectric and Mechanical Performance Achieved by Hyperconverged Electronic Structure and Low Lattice Thermal Conductivity in GeTe through CuInTe<sub>2</sub> alloying." *J. Mater. Chem. A*, 11, 8119 – 8130.
- 10. Sindu s, asha saraswathi. "comparative analysis of graph theory and lattice theory", gradiva review journal, volume 9, issue 4, 2023 ,page no. 731-742. Issn no : 0363-8057
- 11. Sindu S, Asha Saraswathi B., Graph theory and Matrix algebra- A review (2023), International Journal of research trends and Innovation (IJRTI). 8 (5):853-855.
- Sindu S, Asha Saraswathi. "Lattice of Convex Sets of a Connected Graph" Tuijin Jishu/Journal of Propulsion Technology. ISSN:1001-4055 Vol 44 No. 5 (2023), 4098-4100(SCOPUS)(Q2)
- Nandini G. C., Asha Saraswathi B. "Review Paper on Microwave Aid Transesterification Process Parameters and Optimization Methods Applied" International Journal of Science, Engineering and Technology 2023, 11:6 ISSN (Online): 2348-4098 ISSN (Print): 2395-4752. 1-17
- Nandini G. C., Asha Saraswathi B. "Patent analysis in Biodiesel Research: A Scope for Mathematical Methods" International Journal of Science, Engineering and Technology, 2023, 11:6 ISSN (Online): 2348-4098 ISSN (Print): 2395-4752, 1-17
- 15. Asha.D, Dr. Asha Saraswathi B, Dinesh Kumar S T "Effect of Radiation on Prescribed Oscillatory Flux-Induced Unsteady MHD Convective Heat Transfer over a Horizontal Wavy Channel". International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 12, Issue 1, January-2024,1043-1060
- 16. Mrs.Suchetha, Dr. Asha Saraswathi B "International Research Journal of Engineering and Technology(IRJET) e-ISSN:2395-0056 P-ISSN:2395-0072 1186-1194
- H. M. Prasad, R. Rajendra and B. S. Kiranagi. On Exact Sequences of Module Bundles Over Algebra Bundles. Palestine Journal of Mathematics, 12(1):42-49, 2023.
- 18. H M. Prasad, R. Rajendra and B. S. Kiranagi, On Cohomology for Module Bundles over Associative

Algebra Bundles. H Journal of Algebra and Related Topics (Accepted).

- Gadagkar, A. V., Kumar, S. S., Begum, S., Shenoy, M. A., & Pai, T. V. (2023, November). Automatic Vehicle Accident Detection and Enhanced Rescue Management System. In 2023 7th International Conference on Electronics, Communication and Aerospace Technology (ICECA) (pp. 1738-1742). IEEE.
- 20. Rao, S. B., Shetty, S. S., Padmanayana, Thanmayee, S., & Divya. (2023, September). Diabetic Retinopathy Severity Detection an Automated Tool. In *World Conference on Information Systems for Business Management* (pp. 215-228). Singapore: Springer Nature Singapore.
- 21. Rameesa, K., & Veeramanju, K. T.(2023). A Systematic Review on Various Approaches for News Headlines Categorization in Malayalam Language (pp. 1034-1052). Scope- Journal.
- 22. Rameesa, K., & Veeramanju, K. T. (2023). Analysis of Software Industry: Natural Language Processing Approach. *Focus*, *13*(02).
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- 24. Dhananjay Purushotham, Abhilash Mavinakere Ramesh, Natarajamurthy Shilpa, Sudarshana Brijesh Singh, Mohammed Aiyaz, Gajendramurthy Gowtham, and Mahadevamurthy Murali (2024), Solar irradiation driven Catalytic Dye Degradation by Novel Biosynthesized Zinc oxide Nanoparticles (ZnO-NPs) from Barleria mysorensis: Kinetics, Reusability and Mineralization studies. doi.org/10.1016/j.molstruc.2024.137549
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- 71. Naveen Kumar J. R. et al. (2023). Impact of fibre orientation on mechanical properties of GFRP composites. Materials Today: Proceedings.
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## **BOOK CHAPTER**

 Naveen Kumar, J.R. (2023). Manufacturing Process of Fibre Reinforced and Particulate Reinforced Composites. In: Boppana, S.B., Ramachandra, C.G., Kumar, K.P., Ramesh, S. (eds) Structural Composite Materials. Composites Science and Technology. Springer, Singapore. <u>https://doi.org/10.1007/978-981-99-5982-27</u>

### PROPOSED CONFERENCE

Collaborative Multidisciplinary Research National conference in the last week of December

Name of the activity:	Competition/Technical event
Date of the activity:	27-10-2023 to 30-10-2023
Venue:	Srinivas University Institute of Engineering & Technology, Mukka
Mode of the programme:	Offline
Sponsored by:	IEEE Mangalore Sub section (IEE MSS)
Name & details of the resource	-
person/guest:	
Total number of participants	40
Approximate IEEE Student	25
Member participants:	
Approximate non-IEEE Student	15
Member participants	
Collaborating body/society:	Srinivas University

CODE MEET 2023, a flagship event organized by Srinivas University Institute of Engineering & Technology and sponsored by IEEE Mangalore Sub section (IEE MSS), unfolded over four days between 27<sup>th</sup> October 2023 to 30<sup>th</sup> October 2023, offering a blend of technical competitions, workshops, and a 24-hour hackathon. After the successful inaugural of the event by the dignitaries on 27<sup>th</sup> October 2023, Technical and Non-technical competitions were held on next two days which consisted of Soccer Bots, Code Shadows (Blind Coding), Fast Fingers (Typing Test), Techwizards (Technical Quiz), Prompt it Up (Prompt Engineering), Think Code Solve (Mini Shark Tank), Candid Chronicles (Candid Photography), Treasure Hunt (Coders Odyssey). In The morning session on these two days, there were workshops conducted by the industry experts which were attended by the participants. The third day marked the inauguration of a 24-hour hackathon with four themes - Healthcare, Agriculture, Open theme, and Potential Product. The final day concluded with a valedictory function to award prizes and officially closing of CODE MEET 2023. The whole event was a grand success, providing a comprehensive platform for students to showcase their talents, learn from industry experts, and engage in collaborative and competitive activities. The event's success is a testament to the commitment of Srinivas University to foster innovation and excellence in technology education. Total number of Participants are at around 40 in that 25 members are IEEE members and 15 are non IEEE members





Virtual One Day National Conference on the topic "Future Trends in Information Communication and Computing Technology (NCFTICCT-2023)", on 22<sup>nd</sup> of July 2023





Institute of Engineering and Technology, Mukka, Mangaluru-574146, Karnataka

Dept of Computer Science & Engineering and Institute of Computer Science and Information Science

#### organises

Future Trends in Information Communication and Computing Technology (NCFTICCT-2023)

## July 22, 2023

Dr. P. S. Aithal Vice Chancellor Srinivas University 11:00 am to 12:00 pm ICCT Underlying Technologies for Fulfilling Human Needs, Wants, and Desires

12:00 pm to 1:00 pm

Future Trends in AI &ML

1:30 pm to 2:30 pm

**Emerging Trends in Neuro** 

management

Dr. Venugopala P. S Professor & Head Department of Artificial Intelligence & Data Science NMAMIT, Nitte

> Col Prof Dr J Satpathy Research Prof Management Dept Srinivas University

Visiting Prof Management UNIV of Africa Nairobi

Link:

https://meet.google.com/hjd-iogi-pqz

Paper presentation from 2:30 pm onwards

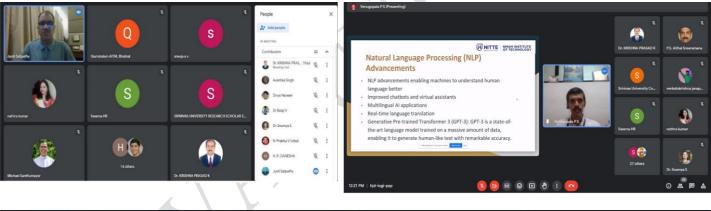
The Institute of Engineering and Technology and Institute of Computer Science and Information Science, Srinivas University organized One Day Virtual National Conference on the topic "Future Trends in Information Communication and Technology (NCFTICCT-Computing 2023)", on 22<sup>nd</sup> of July 2023. The virtual inauguration held at 10.00 AM. Dr. K. Karibasappa, Principal, Nehru College of Engineering and Research. Thiruwilwamala, Thrissur was the Chief Guest of the Inaugural Session. He pointed out the Importance of conducting a conference in Future Trends in Artificial Intelligence and Quantum Computing to Research Students. Conference The Abstract book was virtually released jointly by Chief Guest, Dr. K. Karibasappa and Dr. P. S. Aithal, Vice-Chancellor, Srinivas University. Dr. P. S. Aithal, was president of the inaugural function. He explained the 12

underlying technologies of Information Communication and Computing Technology. Dr. CA. A. Raghavendra Rao, Honourable Chancellor, Srinivas University, Dr. A. Srinivas Rao, Honourable Pro-Chancellor, Srinivas University, Mrs. Vijayalakshmi R. Rao, Director, Srinivas Group of Institutions, Mrs. Mithra S. Rao, Secretary, A. Shama Rao Foundation, were blessed the Inaugural function with their presence. Dr. Anil Kumar, Registrar, Srinivas University, Dr. Thomas Pinto, Dean of Institute of Engineering and Technology, Srinivas University, and Prof. Subrahmanya Bhat, Dean of Institute of Computer Science and Information Science, Srinivas University, were present at the Inaugural Session.

Dr. Nethravathi P. S., Publication Chair of the conference & Head of the Department of Computer Science and Engineering, and Associate Dean of Institute of Engineering and Technology, Srinivas University Welcomed the guest.

Dr. Krishna Prasad K, Convenor of the conference and Professor, and Head of the Department, Cyber Security and Cyber Forensics, Institute of Engineering and Technology Srinivas University explained about the conference. Mrs. Shwetha Pai, Training and Placement Officer of Institute of Engineering and Technology did Master of Ceremony. Dr. J. Venkata Krishna, Conference Convenor, and Associate Professor, Department of Computer Science, Institute of Engineering and Technology, Srinivas University gave Vote of thanks for the Inaugural Session.

Dr. P. S. Aithal, Vice-Chancellor, Srinivas University, Dr. Venugopal P. S., Professor and Head, Department of Artificial Intelligence and Data Science, NMAMIT, Nitte, Karkala, and Colonel Dr. J Satpathy, Visiting Professor, Management University of Africa, Nairobi, and Research Professor, Institute of Management and Commerce, Srinivas University, delivered the keynote address on ICCT Underlying Technologies for Fulfilling Human Needs, Wants and Desires, Future Trends in Artificial Intelligence and Machine Learning, and Emerging Trends in Neuro Management respectively. Around 56 papers related to the conference theme were presented by scholars from different parts of the country which includes faculty members and Research Scholars of Srinivas University also. The research papers are presented in multiple tracks. The session was chaired by the eminent professors from the Computer Science and Engineering department of Srinivas University.





### **Proposed Conference by the Department of Cyber Security & Cyber Forensics**

The 2-day international conference on "Global Perspectives on Cyber Crimes and Digital Forensics: Securing Digital Frontiers" tentatively going to be held on 27<sup>th</sup> and 28<sup>th</sup> of September 2024, aims to bring together leading experts, researchers, practitioners, and policymakers from around the world to discuss and explore the multifaceted landscape of cybercrimes and digital forensics. With the exponential growth of digital technologies and their pervasive integration into every aspect of modern life, the threats posed by cybercrimes have become increasingly sophisticated and pervasive. This conference will provide a platform for participants to delve into various dimensions of cyber-crimes, ranging from hacking and data breaches to identity theft and cyber warfare. Furthermore, the conference will emphasize the critical role of digital forensics in investigating and mitigating cyber threats, ensuring the security and integrity of digital frontiers in an interconnected world.

# **INSTITUTE OF AVIATION STUDIES**

## **PUBLICATION**

SL. No	Name of the Author	Title of the Paper	Year of Publication	ISBN\ISSN Index No
1	Varshitha and AishwaryaRole of Intellectual Property Rights in E- Commerce		2023	ISBN: 978-81-19006-34-2
2	2 Maithri & Chaitra A Study on the Prospectus and Issues of Geographical Indication in India		2023	ISBN: 978-81-19006-38-0
3	Maithri & Niyaz Panakaje	Investment in National Pension Scheme: Issues and Trends	2023	ISSN: 2581-6942
4	Chaitra and Steevan D'souza N Work-life Balance among work from home employees: A 2023 ISBN: 978-81-19006-3 study with reference to IT companies of Mangalore City.		ISBN: 978-81-19006-32-8	

### LIST OF CONFERENCE ATTENDED AND PAPER PRESENTED

SL. No	Name of the Author	Title of the Paper	Year of Publication
1	Varshitha and Aishwarya	Role of Intellectual Property Rights in E- Commerce	2023
2	Maithri & Chaitra	A Study on the Prospectus and Issues of Geographical Indication in India	2023
3	Chaitra and Steevan D'souza N	Work-life Balance among work from home employees: A study with reference to IT companies of Mangalore City.	2023

# INSTITUTE OF EDUCATION PUBLICATION

- 1. Padmanabha, C. H. (2023). Holistic and Multidisciplinary Educational Approach; A Conceptual Framework. *i-manager's Journal on Educational Psychology*, 16(3), 1-5, https://doi.org/10.26634/jpsy.16.3.18960
- 2. Padmanabha, C. H. (2023). Perception of Prospective Teachers towards Gender Role: A Case Study. *i-manager's Journal on Educational Psychology*, 16(4), 72-77 <u>https://doi.org/10.26634/jpsy.16.4.19143</u>.
- 3. Seema, P. V., and Padmanabha, C. H. (2022). Emotional Intelligence and Adjustment of B.Ed. Student Teachers. *i-manager's Journal on Educational Psychology*, 16(2), 55-60. https://doi.org/10.26634/jpsy.16.2.18862
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- 9. Cardoza, J. P., Padmanabha, C. H., and Seema, P. V. (2023). Women Skill Development: The Path to Economic Change and Sustainability. *i-manager's Journal on Humanities & Social Sciences*, 3(3), 7-13. <u>https://doi.org/10.26634/jhss.3.3.20212</u>
- Ajitha, K., and Jayashree, K. (2023). Online Vacation Training Course for Primary Teachers Conducted by Department of Education, Kerala - An Empirical Study. *i-manager's Journal on School Educational Technology*, 19(1), 60-71. <u>https://doi.org/10.26634/jsch.19.1.19816</u>
- Shakeela, K., and Naik, V. (2023). Constructivism and Diversified Role of Teachers and Students in Teaching and Learning. *i-manager's Journal on Educational Psychology*, 17(1), 1-6. <u>https://doi.org/10.26634/jpsy.17.1.19333</u>

# **INSTITUTE OF ALLIED HEALTH SCIENCES**

### AHSCON 2024: One Day Workshop:

"Understanding Mindfulness in Rhythmic Movements"

The Department of Clinical Psychology at Srinivas Institute of Allied Health Sciences hosted a one-day workshop titled "Understanding Mindfulness in Rhythmic Movements" In collaboration with RGUHS and KAPHA on February 28, 2024. Esteemed speakers Dr. Vaishalee and Ms. Anagha Deshmukh, Assistant Professors from the Department of Clinical Psychology at MCHP, MAE, Manipal, served as resource persons for the event.

Dr. CA Raghavendra Rao, Chancellor of the institute, officially inaugurated the program and spoke about the need for psychologists in modern era and how committed psychologists should be to enhance societal mental health. Inaugural function was grased by the presence of other dignitaries, Dr. Sathyanarayana Reddy, Vice Chancellor, Dr. Anilkumar, Registrar, Dr. David R, Medical Superintendent, Dr. Udayakumar Rao, Dean of SIMS & RC, Dr. Thomas Pinto, Dean of Engineering College, and Professor Pavana Krishnamoorthy, Dean of IAHS SU, extended warm welcomes to the gathering. The gathering was welcomed by Ms. Asha N, Course Coordinator of the Department of Clinical Psychology, extended greetings on behalf of the department. This event underscored the significance of mindfulness in promoting holistic well-being and enhancing therapeutic outcomes, reaffirming its relevance in the realm of clinical psychology and allied health disciplines.



Srinivas University-Research Conclave-2024

### **PUBLICATIONS**

- 1. Dias Edwin Management of Paediatric Migraine- a Brief Review IJHSP 2023
- 2. Dias Edwin, Lung Ultrasound in Respiratory therapy: A pre and post Training Analysis, Indian journal of Respiratory care12[12],151-162,2023
- 3. Dias Edwin, Review in Paediatrics Part-2, Amazone Kindle E-book, 2023
- Dias Edwin Diagnosis and Management of Attention Deficit Hyperactivity Disorder (ADHD) in Paediatric Patients Acta Scientific PAEDIATRICS (ISSN: 2581-883X) Volume 6 Issue 8 August 2023
- 5. Dias Edwin Dignosis and Recent advances in the treatment of Neonatal Seziures: A Comprehensive Review MAR Paediatrics, volume 4:8 (2023)
- 6. Dias Edwin Study of fetal malnutrition by body mass index (BMI) and other anthropometric indices MAR Paediatrics, volume 4 issue 2 (2023)
- Dias Edwin vaccination in India during Covid a focus on children of migrant workers. Medicon medical sciences 5.2 (2023) 60-63
- 8. Dias Edwin (2023) Drugs causing methemoglobinemia in children (Book Chapter)
- 9. Dias Edwin (2023) Overview of cerebral palsy in children-BP Publishers (Book Chapter)
- 10. Dias Edwin (2023) Antihelmintics in childhood-Innovate Publishers(Book Chapter)
- 11. Dias Edwin (2023) Christian philosophy : Recovery, Restoration, Redemption(e- book)
- Dias Edwin (2023) Recovery : Strategies and a blueprint for successful mental reprograming(ebook) Amazon Kindle
- Dias Edwin (2023) A study of nutritional status among integrated children(e-book) Amazon Kindle
- 14. Dias Edwin (2023) Guide for perplexed parents(e-book) Amazon Kindle

### **OTHER INFORMATION**

- Listed in top 2 % scientists of the world in the "Updated science-wide author databases of standardized citation indicators." published by Stanford University.
- Award for Outstanding Research Publications (AORP), Vision Group on Science and Technology (VGST), Government of Karnataka

## **BEST THESIS AWARDS FOR PH.D. STUDENTS**

S.No	Name of the Candidate	Name of The Award	
1.	Dr. Naveen Kumar J. R.	Outstanding Thesis Award	1
2.	Dr. Bharath K. Devendra	Excellent Thesis Award	
3.	Dr. Keerthan Raj	Exceptional Thesis Award	
4.	Soumya S	Best Thesis Award	
5.	Dr. Krishna Prasad K	Exceptional Thesis Award	
6.	Dr. Steevan D Souza N	Outstanding Thesis Award	

## **BEST PERFORMANCE AWARD FOR PDF SCHOLARS**

S.No	Name of the Candidate	Name of The Award	
1.	Dr.Bhadrappa Haralayya	Pdf Researcher With Outstanding Performance	
2. Dr.D.Rajasekar		Pdf Researcher With Best Performance	
3.	Dr. Sudipta Ghosh	Pdf Researcher With Outstanding Performance	
4.	Dr. Ganesha H. R.	Pdf Researcher With Exceptional Performance	
5.	Dr. Prasanna Subhash Joshi	Pdf Researcher With Good Performance	
6.	Dr.D.Padmavathi	Pdf Researcher With Excellent Performance	
7. Dipak Mahat		Pdf Researcher With Good Performance	

8.	Dr.Mahesh Km	Pdf Researcher With Excellent Performance	
9.	Dr. Anjay Kumar Mishra	Pdf Researcher With Exceptional Performance	
10.	Dr.Jayanthiladevi	Pdf Researcher With Outstanding Performance	1
11.	Dr. Kalyan Kumar Jena	Pdf Researcher With Good Performance	
12.	Sourav Kumar Bhoi	Pdf Researcher With Good Performance	
13.	Prantosh K Paul	Pdf Researcher With Outstanding Performance	
14.	Dr. Krishna Prasad K	Pdf Researcher With Best Performance	
15.	Dr Nethravathi P S	Pdf Researcher With Best Performance	
16.	Dr. Dipak S Gade	Pdf Researcher With Best Performance	

## **BEST PERFORMANCE AWARD FOR SUPERVISORS**

	S.No	Name of the Supervisor	Name of The Award
	1.	H. R. Ganesha	Outstanding Performance
	2.	Dr. Suphala S Kotian	Outstanding Performance
	3.	Dr Niyaz Panakaje	Outstanding Performance
5	4.	Dr Edwin Dias	Excellent Performance
	5.	Dr. Krishna Prasad K	Exceptional Performance
	6. Dr Nethravathi P S	Dr Nethravathi P S	Outstanding Performance
	7.	Dr. Jayanthiladevi	Exceptional Performance

8.	Dr. C K Hebber	Excellent Performance	
9.	Dr ABHISHEK N	Outstanding Performance	
10.	Dr.K.Shivashankar Bhat	Excellent Performance	
11.	Dr. Shubhrajyotsna Aithal	Excellent Performance	
12.	Dr. Rajashekar Jamadandi	Outstanding Performance	

## SPECIAL PERFORMANCE AWARD

Dr. Sandhya Shenoy U. SERB Research Scientist

## **BEST PERFORMANCE AWARD FOR RESEARCH SCHOLARS**

Si No	Name of the Scholar	Name of the Award
	Manie of the Scholar	Name of the Award
1.	Dsouza Prima Frederick	Best Research Scholar Award
2.	Sumedha H N	Best Research Scholar Award
3.	Abdul Hameed. P.V	Best Research Scholar Award
4.	Haripriya R J Nair	Best Research Scholar Award
5.	Riyas Basheer K B	Best Research Scholar Award
6.	Vinayachadnra	Best Research Scholar Award
7.	Geetha Poornima K	Best Research Scholar Award
8.	Rajeshwari M	Best Research Scholar Award
9.	Premkumar Mariarathinam	Best Research Scholar Award
10.	Aswani T D	Best Research Scholar Award
11.	Thirumurugan E	Best Research Scholar Award

# **RESEARCH CONCLAVE - 2023**



