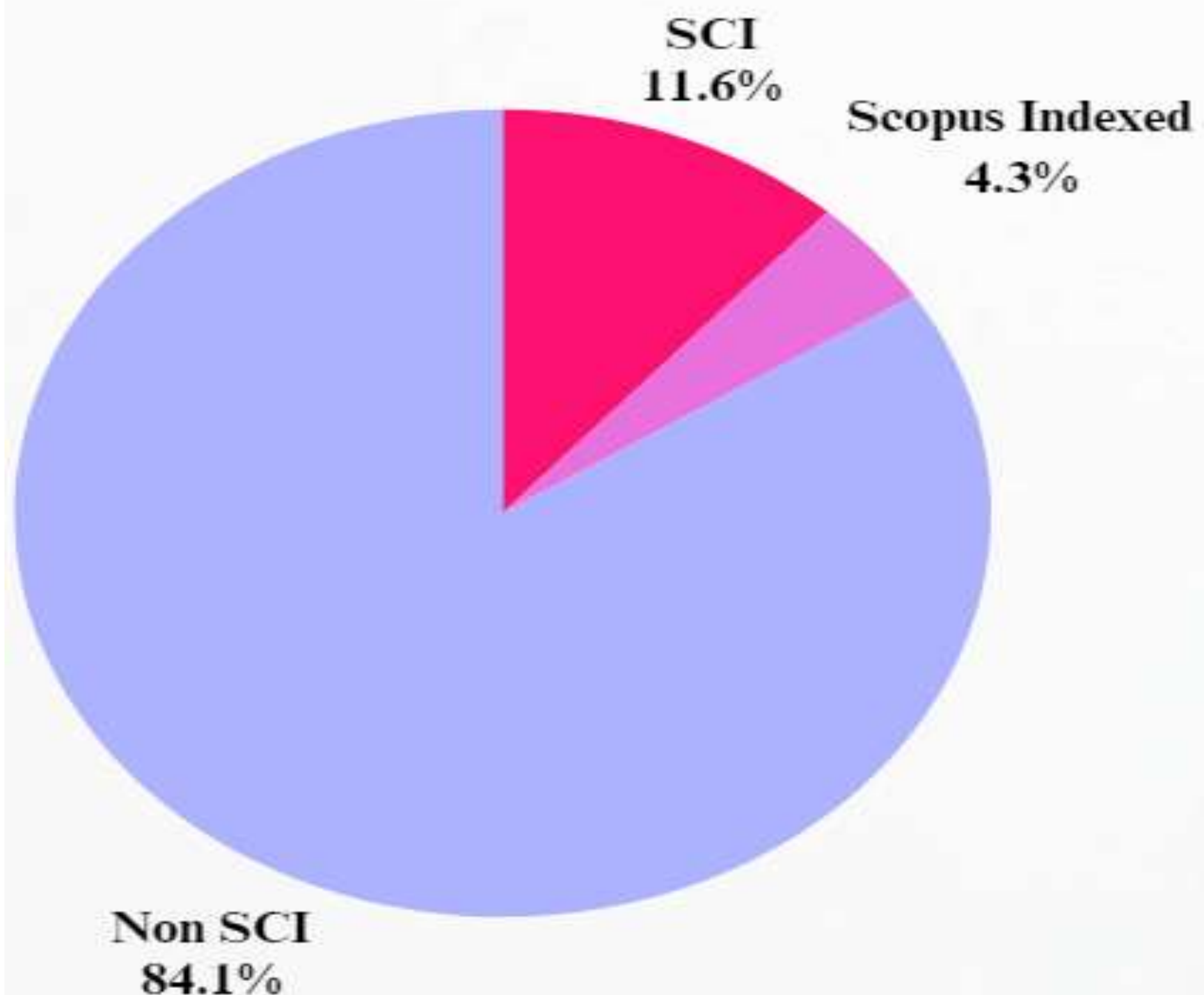


FACULTY
ACHIEVEMENTS
2023-2024

RESEARCH JOURNALS



SCI JOURNALS
Briefly elaborate on what you want to discuss.

SCOPUS INDEXED JOURNALS
Briefly elaborate on what you want to discuss.

NON SCI JOURNALS
Briefly elaborate on what you want to discuss.



Association Rule hiding using enhanced elephant herding optimization Algorithm - *Automatika : Journal for control measurement electronics computing and communications-*



Dr.A.Meenakshi

Professor & Head



Mr.M.Rajasekaran

Assistant Professor





Association Rule mining based on intelligent craving honey bee optimization for privacy reservation in environmental applications - **Journal of Environmental and Ecology**



Dr. A. Meenakshi

Professor & Head



Mr. M. Rajasekaran

Assistant Professor





Sharing Personal Health Data by Block chain with Storage Technologies - ECB Eur. Chem .Bull



Dr. R. Ramya

Associate Professor



Mr. V. Rajeshkannan

Assistant Professor





Energy Monitoring for Renewable Energy System Using Machine Learning Algorithm - Recent Advances in Electrical & Electronic Engineering



Dr.A.Meenakshi

Professor & Head



Dr.R.Ramya

Associate Professor



Dr.G.Nirmala

Assistant Professor





Fault Sensor Detection and Authentication mechanism for improving quality of services in smart homes : Communication technologies and security Challenges in IoT



Dr.P.Praveen Kumar


Associate Professor



Dr.A.Anandh

Associate Professor





Dynamic Node selection approach for 6 G Hetrogenious cellular networks (HCN) to enhance QoS and Low latency - Journal of Electrical Systems



Dr.A.Anandh

Associate Professor





CR NN model for detection of schizophrenia - Novyi Mir Research Journal



Mrs.S.Athilakshmi

Assistant Professor





Effective Trust management framework based on reptile moth fly optimization for Wireless Sensor Network - Journal of Environmental Protection and Ecology



Mr.V.Rajeshkannan

Assistant Professor





Detection of Cyber Security attack using Machine Learning based Multi Heuristics Cukoo Search optimizations scheme for smart city applications - **Journal of Environmental Protection and Ecology**



Dr. A. Meenakshi

Professor & Head



Mr. M. Rajasekaran

Assistant Professor



Mrs. X. Ignatius Selvarani

Assistant Professor





Detection of network Intrusion for IoT based Smart Environment by Optimal Learning Mechanism and by using discrete Resnet classifier - **Journal of Environmental Protection and Ecology**



Dr.A.Meenakshi

Professor & Head



Mrs.S.Nithya

Assistant Professor



Mrs.V.Sangeetha

Assistant Professor





Ensemble Deep Transfer Learning Model for Network attacks detection in internet of things with sensor networks - Journal of Environmental Protection and Ecology



Dr.A.Meenakshi

Professor & Head



Mr.D.Asir

Assistant Professor



Mrs.R.Haripriya

Assistant Professor



PATENTS PUBLISHED

**APPDEVPRO: Core Fundamental
Mobile App Development
Programs**

Ms.S.Janani, Mrs.K.Muthulakshmi,
Mrs.Lavanya J., Mrs.K.Leelarani
Mrs.S.Hemaswathi

**Mobile application-based bus
tracking device**

Dr.R.Ramya, ASP-CSE
Dr.A.Anandh, ASP-CSE
Mrs.K.Muthulakshmi, AP-CSE A

**Implementing AI algorithms: The
design and Implementation of
Human resource optimization
and digital systems**

Mrs.S.Hemaswathi AP/CSE

**The Closed E-Wallet with Voice
Over Smart Sound Box**

Dr.P.Praveen Kumar, ASP-CSE
Dr.R.Ramya, ASP-CSE
Dr.A.Anandh, ASP-CSE
Mr.B.Muthukrishnavinayagam,
AP-CSE

PATENT - 07

**Milk Adultration monitoring
device**

Dr.a.Meenakshi, Mr.Rajasekaran,
Mr.J.JohnLivingston, Mrs.D.Asir,
Mrs.K.Leelarani,
Mrs.V.Sangeetha

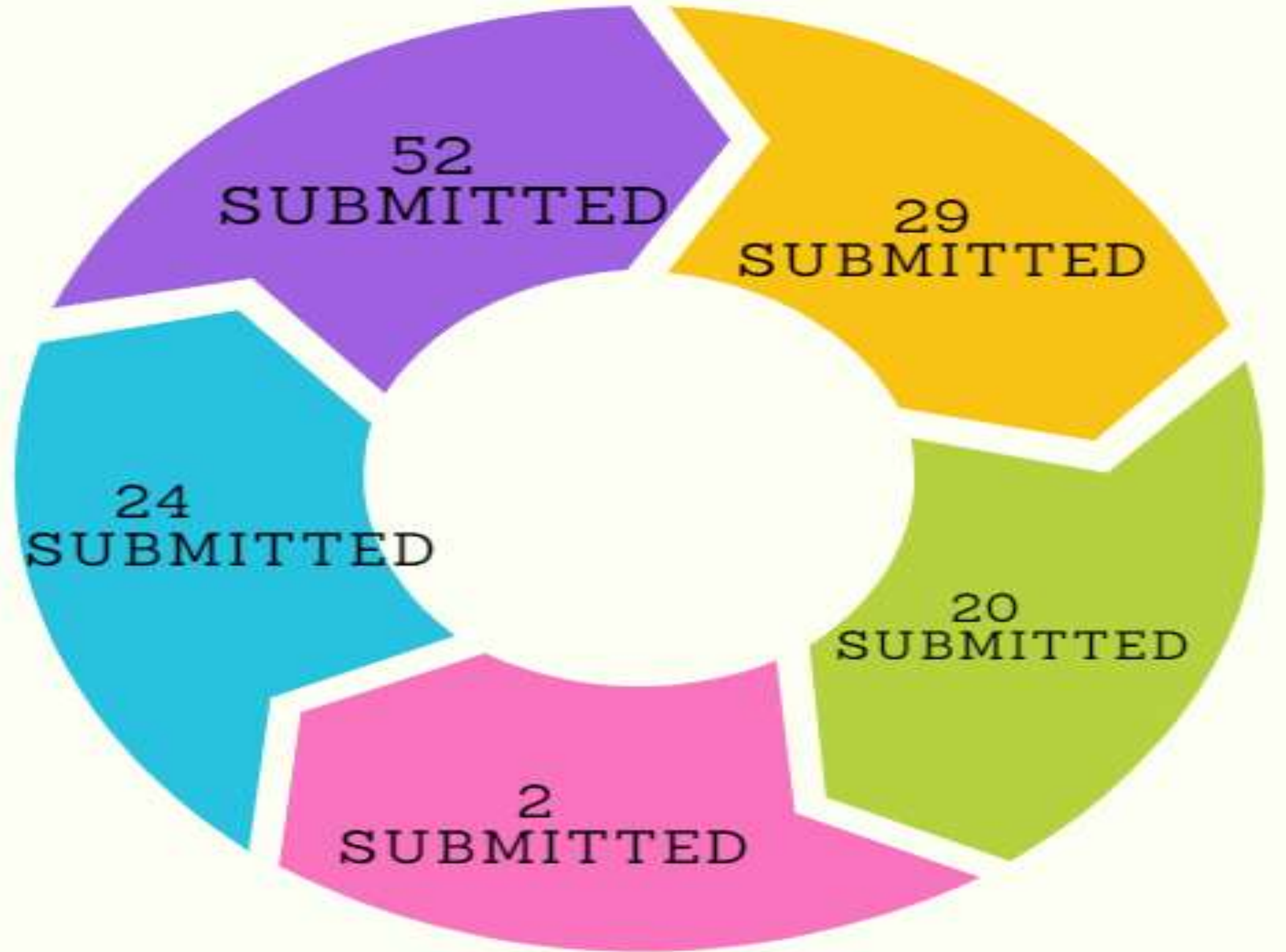
**Adaptive Neural Network
ensemble for enhanced
predictive modelling in
Machine Learning Applications**

Mrs.S.Athilakshmi AP/CSE

**An artiifcial intelklegence
based system cybernetical
approach**

Mrs.K.Muthulakshmi, AP- CSE,
Dr.A.Anandh, Mr.V.Rajeshkannan,
Dr.R.Ramya

PROJECT PROPOSALS



BOOKS PUBLISHED

Dr.A.Meenakshi, Mrs.J.John
Livingston, Mrs.S.Nithya,
Mr.D.Asir, Mrs.B.Santhipriya ,
Mrs.V.Sangeetha

Codecraft : The art of Python
Cengage Learning India Pvt.Ltd
ISBN: 978-93-6053-139-3

Dr.R.Muthuslevi,
Dr.G.Nirmala

Data Structures and Algorithms
RK Publications ,
ISBN : 978-81-970228-1-4

Mrs.S.Hemaswathi

Network Security
The Charulatha Publication
ISBN : 978-81-971787-9-5

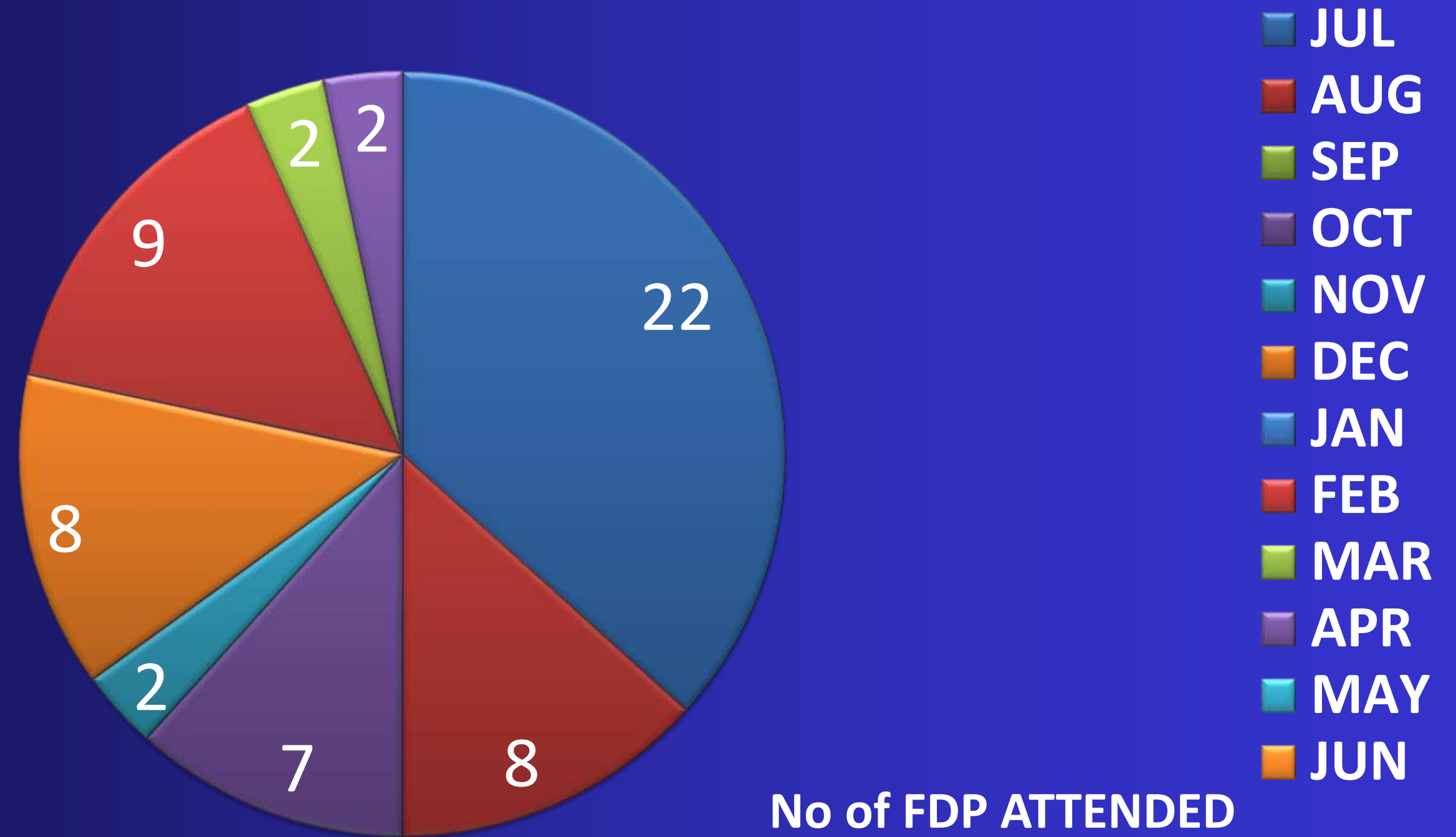
Mrs.S.Hemaswathi

Object Oriented Software Engineering
The Charulatha Publication,
ISBN :978-81-971787-9-5

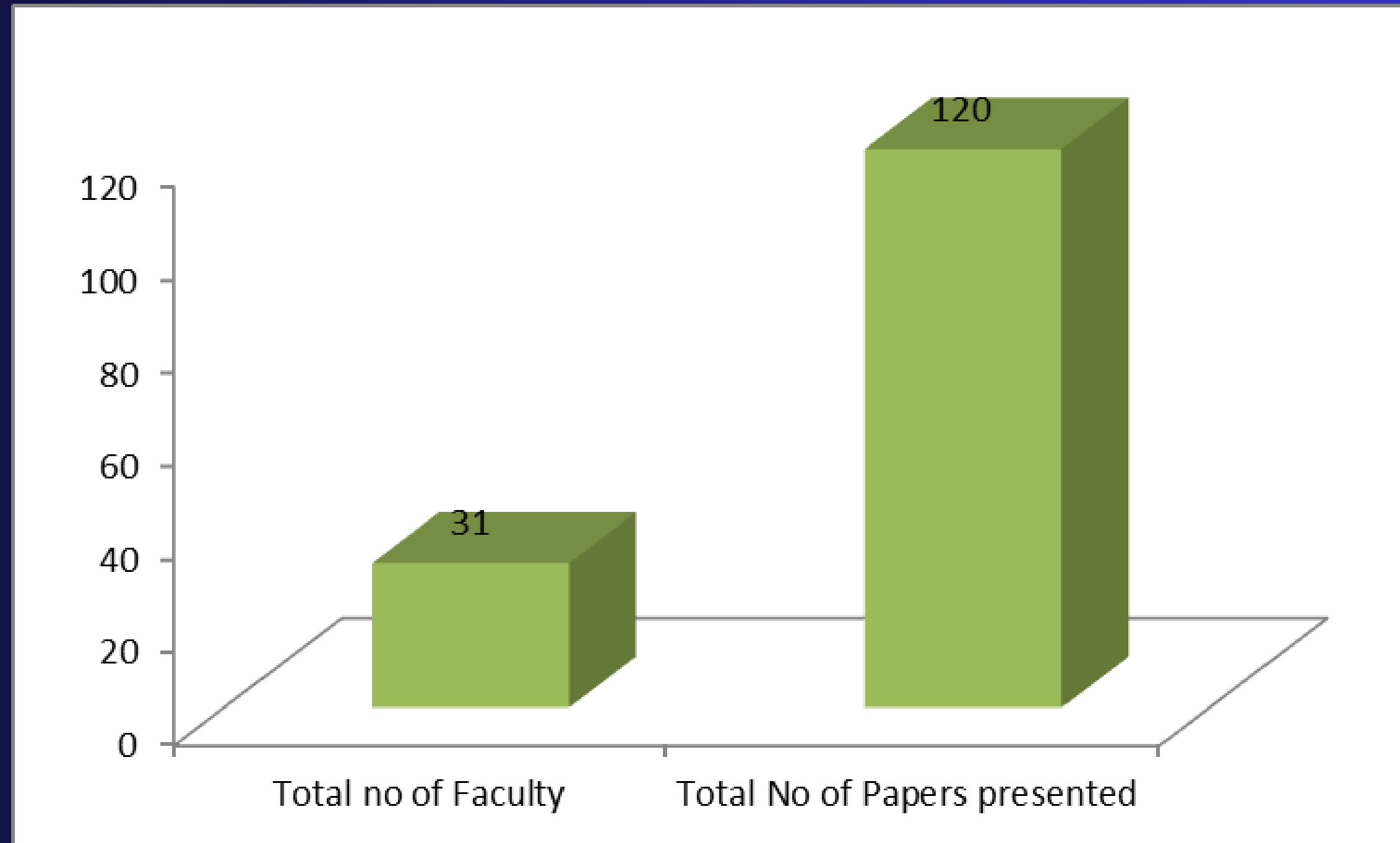
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SL NO	NAME OF THE FACULTY MEMBER	TITLE
1	MS.S.JANANI & MRS.J.LAVANYA	PRACTICAL IMPLEMENTATION OF CRYPTOGRAPHIC ALGORITHMS
2	MRS.K.INDUMATHI, MRS.R.INDHUJA	COMPUTER VISION USING OPENCV
3	DR. R.RAMYA,MRS.S.ATHILAKSHMI & MR.V.RAJESH KANNAN	ML SPARKQUEST: IGNITING LEARNING VIA CASE STUDIES
4	DR.P.PRAVEEN KUMAR,ASP-CSE MR.V.RAJESH KANNAN,AP-CSE MR.B.MUTHUKRISHNAVINAYAGAM,X.IGNATIUS SELVARANI	WEB DEVELOPMENT USING DJANGO.
5	MRS.V.SANGEETHA ,MRS.B.SANTHI PRIYA, MR.JOHN LIVINGSTON, MR.D.ASIR, DR.R.ARTHY	CODING TECHNIQUES – II LAB MANUAL
6	DR.A.ANANDH,MUTHUKRISHNA VINAYAGAM,DR.G.UMAMAHESWARI, MR.R.KUMARVEL	EXPLORING NETWORKS: A LAB BASED APOROACH MANUAL
7	DR.A.ANANDH	A MANUAL FOR AUTOMATION AND IOT LAB
8	MRS. B.SANTHI PRIYA, DR.R.RAMYA,DR.P.PRAVEENKUMAR, MRS.S.ATHILAKSHMI,MR.B.MUTHUKRISHNAVINAYAGAM, MRS.V.SANGEETHA,MRS.K.LEELARANI	CODING TECHNIQUES - I (CASE STUDY BASED)
9	MR.B.MUTHUKRISHNAVINAYAGAM,MRS.SANTHIPRIYA,MR.JOHN LIVINGSTON, MR.D.ASIR, & MR.RAJASEKARAN	ANGULAR CRUD APPLICATION USING NODE JS WITH MONGODB
10	DR.P.PRAVEEN KUMAR	SKINSERENE: UNLOCK BRILLIANCE WITH YOUR DERMATOLOGY PARTNER
11	MRS.R.INDHUJA	DEEP LEARNING WITH PYTHON
12	MRS.NITHYA, MRS.R.HARIPRIYA	DATA VISULAIZATION LAB





FACULTY DEVELOPMENT PROGRAMS ATTENDED



PAPERS PUBLISHED IN INTERNATIONAL CONFERENCES



FACULTY AWARDS

	DESCRIPTION	FACULTY NAME
	NPTEL TOPPER – Software Testing	DR.R.RAMYA
	NPTEL DOMAIN STAR – DATA SCIENCE	MS.S.JANANI
	SPOC in the KAVACH-2023 cybersecurity	MRS.K.MUTHULAKSHMI
	MENTOR in the KAVACH-2023 cybersecurity	MRS.B.SANTHIPRIYA

FACULTY AWARDS

DESCRIPTION

FACULTY NAME



WIPRO Certified Faculty

MRS.K.LEELARANI



WIPRO Certified Faculty

MRS.B.SANTHIPRIYA



WIPRO Certified Faculty

**MRS.X.IGNATIUS
SELVARANI**