

Faculty Achievements





Department Profile

CSE
DEPARTMENT

**Under Graduate
B.E.,
Computer Science
and Engineering
Started with
40 seats**

1998

**Under Graduate
B.E.,
Computer Science and
Engineering
Intake was revised to
120 seats**

2009

**Under Graduate
B.Tech.,
AI and DS
Started with
60 seats**

2020

**Under Graduate
B.E.,
Computer Science
and Engineering
Intake was revised to
180 seats**

2022

2001

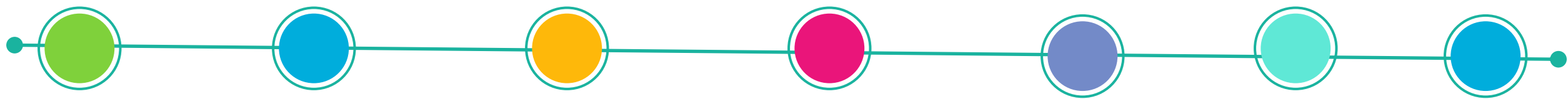
**Under Graduate
B.E.,
Computer Science and
Engineering
Intake was revised to
60 seats**

2020 - period of 3 years

**Under Graduate
B.E.,
Computer Science and
Engineering
Accredited by NBA-AICTE
for 3 years**

2021

**Post Graduate
M.E
(CSE)
Started with 18
seats**





Student Faculty Ratio 2022-2023

CSE
DEPARTMENT



2022-2023

No. of Professors	2
No. of Associate Professors	3
No. of Assistant Professors	25
No. of Supervisors / Ph.D. holders in the department	3 / 8
No. of Faculty doing Ph.D.	9

Current Student Strength - 536

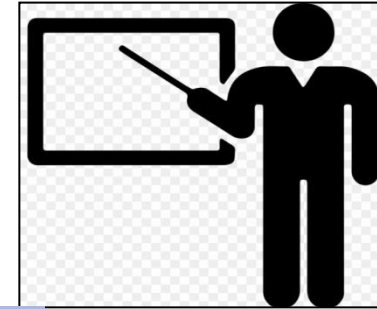
Faculty strength – 30

2021-2022

No. of Professors	2
No. of Associate Professors	2
No. of Assistant Professors	15
No. of Supervisors / Ph.D. holders in the department	2/7
No. of Faculty doing Ph.D.	6

Student Strength - 449

Faculty strength – 19



2020-2021

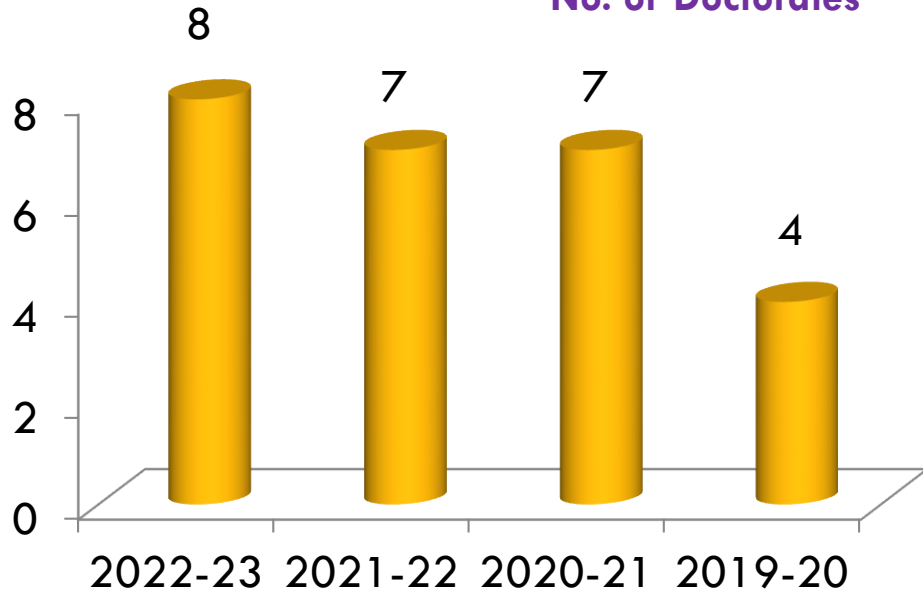
No. of Professors	2
No. of Associate Professors	2
No. of Assistant Professors	12
No. of Supervisors / Ph.D. holders in the department	2/6
No. of Faculty doing Ph.D.	6

Student Strength - 365

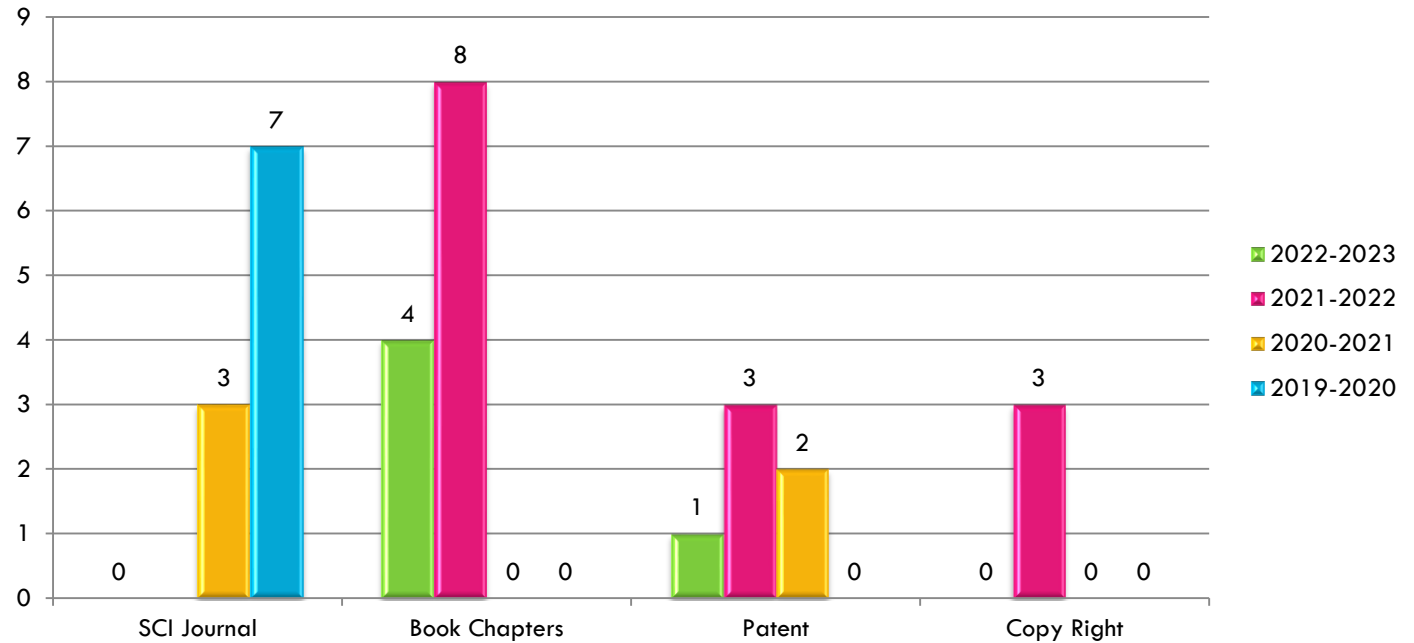
Faculty strength – 16

Faculty Research Details

No. of Doctorates



Faculty Publications



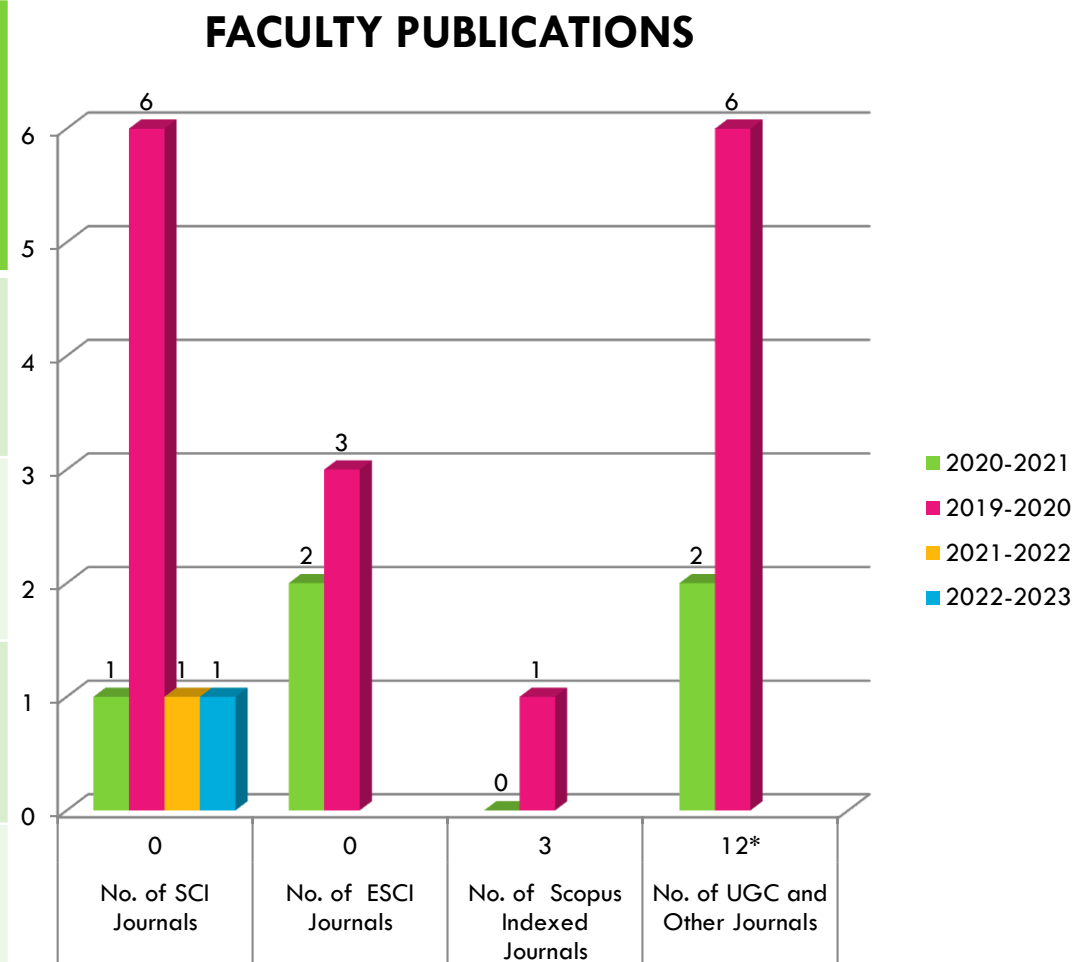
Ph.D Supervisors
3

Ph.D Awarded
8

Ph.D Pursuing
9

Faculty Publications

S.No	Year	No. of SCI Journals	No. of ESCI Journals	No. of Scopus Indexed Journals	No. of UGC and Other Journals	Total
1	2022-2023	0	0	0	4	4
2	2021-2022	0	0	3	12*	15
3	2020-2021	1	2	0	2	5
4	2019-2020	6	3	1	8	18



Research Paper Published 2022-23

7

SI No	Faculty Name	Title of the Paper	Name of the Journal	Vol.No. Issue No., Page No., Month & Year
1	Mrs.P.Kavitha	High Performance Computing Model For Real Time Online Credit Card Fraudulent Identification Using ESVDS And SPS	IOSR Journal of Computer Engineering	Volume 25, Issue 2, March 2023
2	Mrs.P.Kavitha	Design of Vaccine storage and transportation in remote areas	International journal of Advances in Engineering and Management (IJAEM)	Volume 5, Issue 3, pp: 738-743
3	Mrs.V.Sangeetha	Threat Detection Using Rf Algorithm	International journal of Advances in Engineering and Management (IJAEM)	Volume 5, Issue 3, pp: 774-780

Research Paper Published 2021-2022

8

SI No	Faculty Name	Title of the Paper	Name of the Journal	Vol.No.Issue No., Page No., Month & Year
1	Dr.G.Nirmala	Prediction of Bitcoin Price Using Machine Learning Algorithms	Scopus Indexed - International Journal of Ymer	Vol.2 pp.17-21, May 2022
2	Dr.G.Nirmala	Optimal path planning for mobile robot using Preference based Evolutionary Learning algorithm	Scopus Indexed - International Journal of Ymer	Vol. No.21, issue 6, June 2022
3	Mr.M.Rajasekaran	Performance Analysis of Various Parameters in Sensitive Association Rule Hiding For Privacy in Distributed Collaborative Data Mining	Indexed in Scopus -Turkish Online Journal of Qualitative Inquiry(TOJQI)	Vol 12, Issue No 10, Pg No. 614-619, October 2021
4	Dr.R.Muthuselvi	Leaf Disease Detection and Automatic Pesticide Suggestion Using Deep Learning	Journal of Machines and Computing	Volume 02, Issue 02, April 2022 pp : 074-080
5	Dr.G.Uma Maheswari	Compact EBG structure for ground bounce noise suppression in high-speed digital systems	AIMS Electronics and Electrical Engineering	Vol.6, Issue 2, Pg. 124-143, March 2022
6	Mr.D.Asir	A Review Paper on "Web of Things" & It's Smart Applications	UGC approved - Journal of Information and Computational Science	VOLUME 12, ISSUE 4, 2022 (ISSN: 1548-7741)

Research Paper Published 2021-2022

9

SI No	Faculty Name	Title of the Paper	Name of the Journal	Vol.No.Issue No., Page No., Month & Year
7	Mr.D.Asir	A Survey of Privacy in Internet of Things	UGC approved -Journal of Information and Computational Science	VOLUME 12, ISSUE 4, 2022 (ISSN: 1548-7741)
8	Mr.D.Asir	A Survey on IoT: Security Threats and Solution Architectures	UGC approved -Journal of Information and Computational Science	VOLUME 12, ISSUE 4, 2022 (ISSN: 1548-7741)
9	Mr.D.Asir	Data Integration on the Semantic Web technologies	UGC approved -Journal of Information and Computational Science	VOLUME 12, ISSUE 4, 2022 (ISSN: 1548-7741)
10	Mr.D.Asir	Overview on Internet of Things (IoT)	Journal of Information and Computational Science	VOLUME 12, ISSUE 4, 2022 (ISSN: 1548-7741)
11	Mr.D.Asir	Enhancing the Lifetime of Wireless Sensor Network Using Efficient Clustering Methods	UGC approved -Journal of Information and Computational Science	VOLUME 12, ISSUE 4, 2022 (ISSN: 1548-7741)
12	Mr.D.Asir	Model-Driven Security Policy Enforcement Framework and Its Apps Deployed in Edge Servers	UGC approved -Journal of Information and Computational Science	VOLUME 12, ISSUE 4, 2022 (ISSN: 1548-7741)

Research Paper Published 2021-2022

SI No	Faculty Name	Title of the Paper	Name of the Journal	Vol.No. Issue No., Page No., Month & Year
13	Mr.D.Asir	Semantic Data Integration on the Internet of Things	UGC approved -Journal of Information and Computational Science	VOLUME 12, ISSUE 4, 2022 (ISSN: 1548-7741]
14	Mrs.R.Indhuja	Efficient Method for mining High Average Utility Item set	DICKENSIAN	Volume 22,Issue 6,June 2022
15	Dr.G.Nirmala	Leaf Disease Detection and Automatic Pesticide Suggestion Using Deep Learning	Journal of Machines and Computing	Volume 02, Issue 02, April 2022 pp : 074-080

Research Paper Published 2020-2021

SI No	Faculty Name	Title of the Paper	Name of the Journal	Vol.No.Issue No., Page No., Month & Year
1	Dr. P. Praveen Kumar	Dynamic traceable CP-ABE with revocation for outsourced big data in cloud storage	Indexed in SCIE- International Journal Communication Systems	Vol.No: 34, Issue No:2, Page 4351, January 2021
2	Dr .P. Praveen Kumar	Enhanced attribute based access control with secure deduplication for big data storage in cloud	Indexed in SCIE- Peer-to-Peer Networking and Applications	Vol.No: 14, Page 102-120, January 2021
3	Mrs.S.Hemaswathi	Improved Optimal Route Utilizations In Wireless Ad Hoc Network With Log Jam Identification Algorithm	Indexed in SCI-Journal of Environmental Protection and Ecology 22,	No 3, 1270–1280 (2021)
4	Dr.G.Nirmala	IoT Based Smart Waste Monitoring System	UGC Approval - Advanced in Engineering & Management (IJAEM)	Vol.3 issue 4, pp.55-60, April 2021
5	Mrs.R.Indhuja	A robust method for data privacy through the revamp room and overturn against brute force attack	International research journal of modernization in engineering technology and science (IRJMETS)	volume 2, issue 12

Research Paper Published 2019-2020

SI No	Faculty Name	Title of the Paper	Name of the Journal	Vol.No.Issue No., Page No., Month & Year
1	Dr.R.Ramya	3D Facial Expression Recognition Using Multi-Channel Deep Learning Framework	Indexed in SCI - Circuits, Systems, and Signal Processing - Springer	Vol: 39, Issue:2, pp. 789–804 Feb,2020.
2	Dr.A.Anandh	Combined global and local semantic feature-based image retrieval analysis with interactive feedback	Indexed in SCI - Measurement and Control - Sage Journals	Vol: 53, Issue:1-2. Pp. 3-17, Dec, 2019
3	Dr.M.Indra Devi	RCUHP-SM: A Rule Generation and Clustering based Uncovering Hidden Patterns in Social Media	Indexed in ESCI - Journal Of Information Science And Engineering	Vol. 35 No. 4, pp. 787-804
4	Dr.P.Praveen Kumar	Efficient revocable CP-ABE for big data access control in cloud computing	Indexed in SCIE - International Journal of Security and Networks- Inder Science	Vol.No.14, Issue No. 3, Pg. 119-132 , July 2019
5	Dr.G.Uma Maheshwari	Path Optimization of Box-Covering based Routing to Minimize Average Packet Delay in Software Defined Network	Indexed in SCI - Peer-to-Peer Networking and Applications, Springer Publications	Jan 2020/ Vol 13 No.3
6	Dr.P.Praveen Kumar	Efficient escrow-free CP-ABE with constant size ciphertext and secret key for big data storage in cloud	Indexed in SCI- International Journal of Cloud Applications and Computing	Vol.No: 10, Issue No:1, Pg 28-45, January 2020

Research Paper Published 2019-2020

SI No	Faculty Name	Title of the Paper	Name of the Journal	Vol.No.Issue No., Page No., Month & Year
7	Dr.V.Sutha Jebakumari	Seizure detection in EGG signal with novel optimization algorithm for selecting optimal thresholded offset Gaussian feature	Indexed in SCI, International Journal of Cloud Applications and Computing	Col 56, February 2020,101708
8	G.Srinivasan	Digital image-based quantification of chlorpyrifos in water samples using a lipase embedded paper based device	Indexed in SCI, Elsevier Talanta Journal homepage:www.elsevier.com/locate/talanta	28 September 2019
9	Dr.G.Uma Maheshwari	Detection and Mitigation of UDP Flooding Attack in a Multi-Controller Software Defined Network using Secure Flow Management Model	Indexed in SCIE - Concurrency and Computation: Practice and Experience, Wiley Online Library	October 2019/ Vol. 31 Issue No.20, e5326
10	Mrs.M.Swathika	Improving storage space utilization and information retrieval in Cloud environment using Deduplication technique on Encrypted Big Data	Indexed in Scopus -International Journal of Advanced Science and Technology	Vol.29, Issue:12s
11	Mrs.K.Muthulakshmi	Pesticide Test Analyzer	International Journal of Engineering Science	Vol 9 ,pp 24324-24326
12	Mrs.S.Janani	Pesticide Test Analyzer	International Journal of Engineering Science	Vol 9 ,pp 24324-24326

Research Paper Published 2019-2020

14

SI No	Faculty Name	Title of the Paper	Name of the Journal	Vol.No.Issue No., Page No., Month & Year
13	Mrs.S.Janani	Trial trends using Augmented Reality	UGC Approval - International Journal of Engineering science and Computing (IJESC)	Vol 9, Issue 12, 2019
14	Mrs.K.Muthulakshmi	Trial trends using Augmented Reality	UGC Approval - International Journal of Engineering science and Computing (IJESC)	Vol 9, Issue 12, 2019
15	Mrs. K. Leelarani	My city information mobile application using android application	UGC Approval - International Journal of Engineering science and Computing (IJESC),	Vol.9 issue 3, March 2019.
16	Mrs.K.Leelarani	Bone Fracture Detection System Using Image Processing	UGC Approval - International Research Journal of Engineering and Technology	Vol.7 issue 5, May 2020.

Book Chapters Published



15

1

“Applying Machine Learning Techniques to build a Hybrid Machine Learning model for Cancer Prediction”, Book Title: Applications of Artificial Intelligence in E-Healthcare Systems, IET Digital Library, on June 2022.



Dr. A. Meenakshi, Prof/CSE



Dr. A. Anandh, ASP/CSE



Dr. R. Ramya, ASP/CSE



Mrs. K. Muthulakshmi AP/CSE

2

“Use of Socio-Cognitive and Affective Computing to Teach Emotions to Autistic Children” Book Title: Principles and Applications of Socio-Cognitive and Affective Computing on August 2022.



Dr. R. Muthuselvi, Prof/CSE



Dr. G. Nirmala , AP/CSE



Book Chapters Published



16

3

“Efficient cipher text-policy attribute based sign crypton for secure big data storage in cloud”
IET Handbook of Big Data Analytics: Applications in Ict, Security and Business Analytics
Chapter-2 September 2021 (pp.73)



Dr. P. Praveen Kumar ASP/CSE

4

“Block chain-Powered Healthcare Information Exchange Systems to Support Various stakeholders” EAI/Springer Innovations in Communication and Computing, Chapter-1, August 2021, 189-206



Ms.S.Janani S. AP/CSE



Dr. A. Anandh, ASP/CSE



Dr. R. Ramya, ASP/CSE



Mrs. K. Muthulakshmi AP/CSE



Book Chapters Published



17

**“Gender recognition from facial images using Multichannel Deep learning Framework” Cognitive Data Science in Sustainable Computing , Chapter-6
January 2022, Pages 105-128**

5



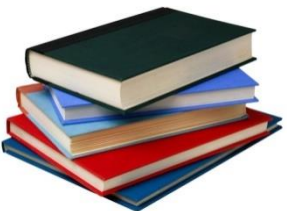
Dr. A. Anandh, ASP/CSE



Dr. R. Ramya, ASP/CSE



Mrs. K. Muthulakshmi AP/CSE



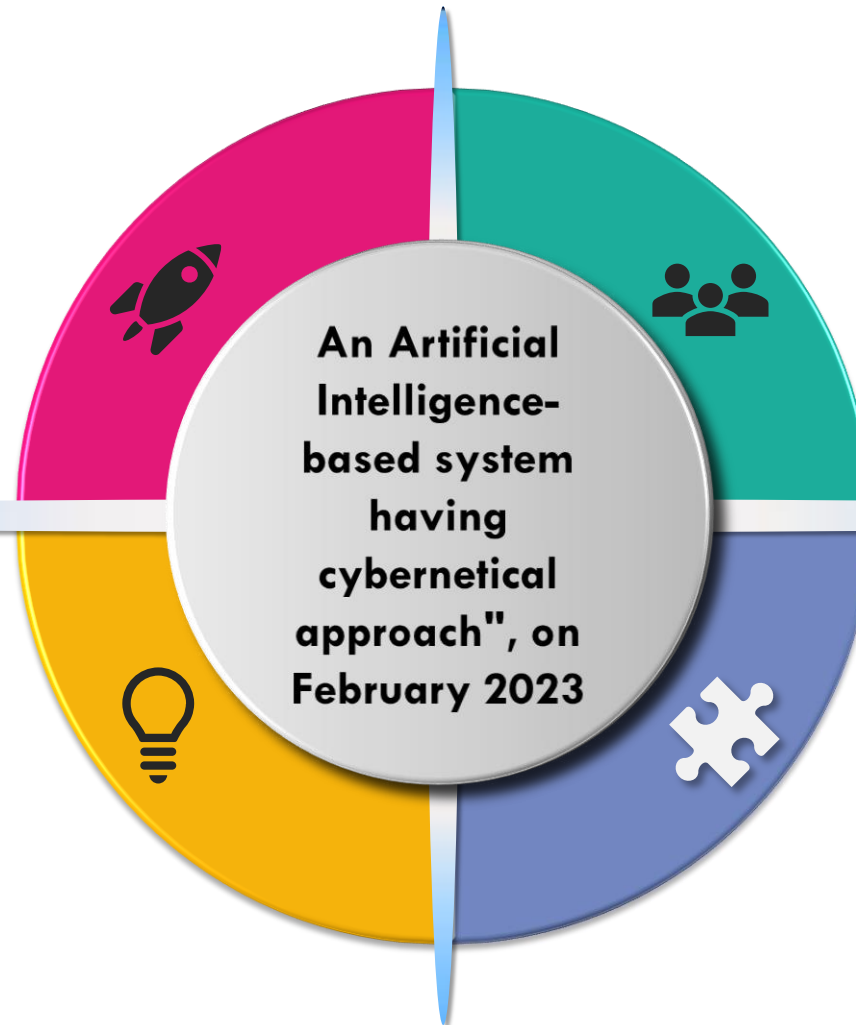
Patent Published



Mr. V. Rajesh Kannan, AP/CSE



Dr. R. Ramya, ASP/CSE



Dr. A. Anandh, ASP/CSE



Mrs. K. Muthulakshmi AP/CSE

Patent Published



Ms. S. Janani AP/CSE

"A system for diagnosing a patient by using previous medical history based on convolutional neural network and working method thereof", on February 2023



Ms. J. Lavanya , AP/CSE



Dr. R. Muthuselvi, Prof/CSE

Invention of Real Time Agricultural Field Monitoring System Using IOT ", June 2022



Dr. G. Nirmala , AP/CSE



Mrs. K. Leelarani, AP/CSE

Bleeding recognition technique in wireless capsule endoscopy images using fuzzy logic and principal component analysis", January 2023



Mrs. S. Shopika, AP/CSE

Patent Published



Mr. M. Rajasekaran, AP/CSE

“Machine Learning Based Intelligent Energy Meter with Bill Supervising Technology “, July 2022



Mrs. R. Indhuja, AP/CSE

" Design Web Server to Client Communication for Web Usage Data Analysis", December 2022



Mrs. P. Kavitha, AP/CSE

"AI Based Prediction and Prevention of Musculoskeletal Diseases Disorders, Bone Tumor and Cancer Using Image Processing And Deep Learning Algorithm", on February 2023



Copyrights Granted



21



**Mr B.Muthukrishna Vinayagam AP/CSE 10357/2022- CO/L
Object Oriented Programming Laboratory Using JAVA**



**Ms T.Rajashree AP/CSE 10275/2022-CO/L Foundation for Data
science Laboratory using statistics, numpy, pandas, matplotlib and
sklearn libraries**



Research Proposals - Granted

KAMARAJ-Seed Money Grant 2022



Dr. P. Praveen Kumar
ASP/CSE



Dr. R. Ramya.,
ASP/CSE

“Closed E-Wallet: A Payment System for Educational Institutions in India Rs. 15,000”.

Research Proposals - Granted

KAMARAJ-Seed Money Grant 2022



Dr. R. Muthuselvi
Prof/CSE



Dr.G.Nirmala
AP/CSE

“Automatic Temperature Control in a Water Dispenser- Rs. 10,000”.

Research Proposals - Granted

TNSCST 2022



Mrs. S.Jothilakshmi AP/CSE
Students:
Senbagarajapandi M.,
Balaji S.,
Hariharan
G.S.,Balakrishnan S.

“Meals on Wheels”
Rs. 7,500.



FAER Integra Scheme
2022



Mrs.S.Athilakshmi AP/CSE
Students:
G.A Yashwant Ram,
S.Sivasaarathi

“Zero crashes Initiative”
Rs. 5,500.

Faculty Awards – NPTEL STARS

**NPTEL Discipline Star
2021**



Dr. R. Ramya , ASP/CSE

**NPTEL Domain
Scholar Award (AI)
2021**



Dr. R. Ramya, ASP/CSE

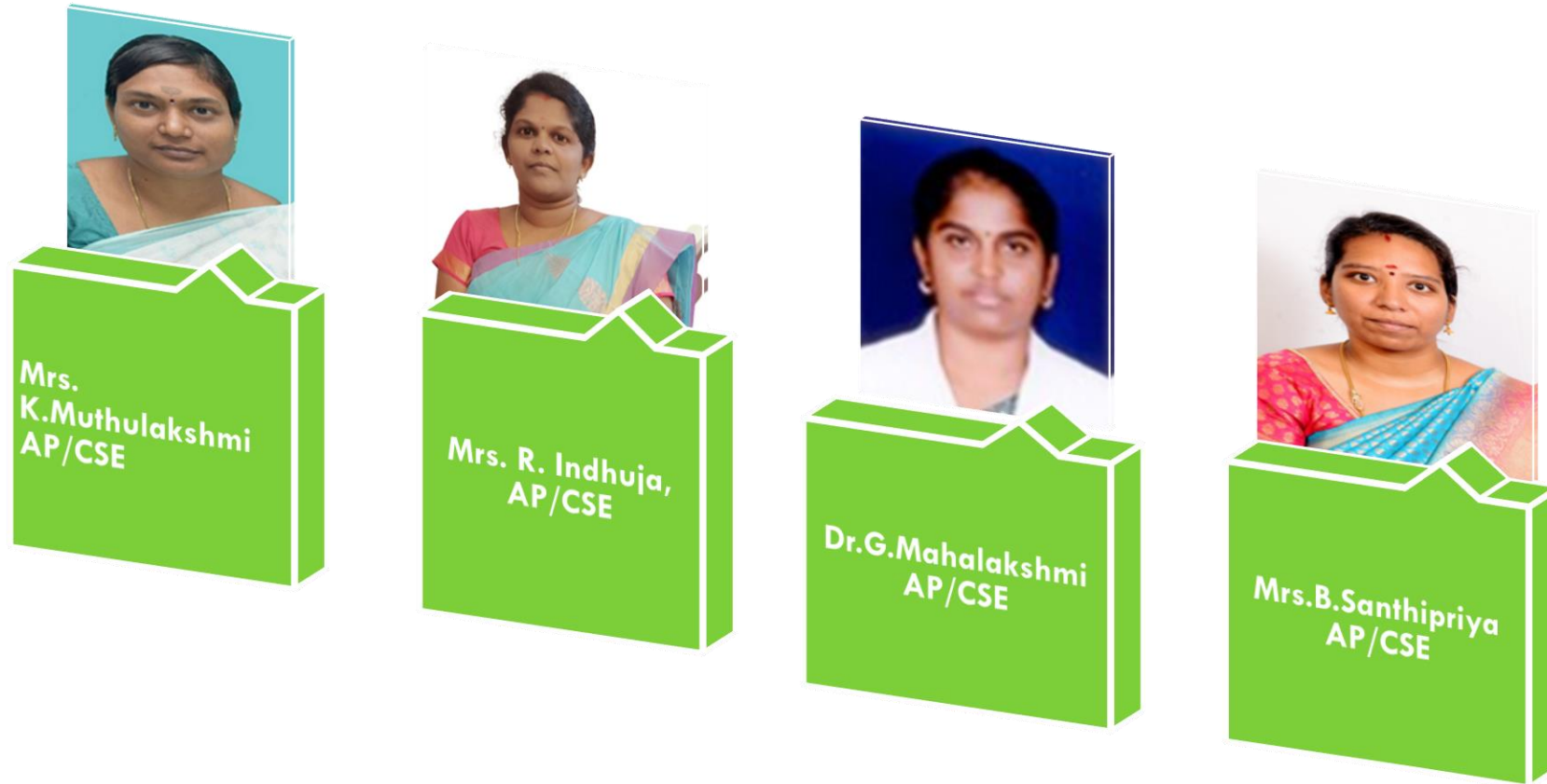
**NPTEL Discipline star
2022**



Ms. Janani S. AP/CSE



CISCO Active Instructor Award



Received Active Instructor award from CISCO India Netacad on February 2023



Sponsored FDTP by Anna University

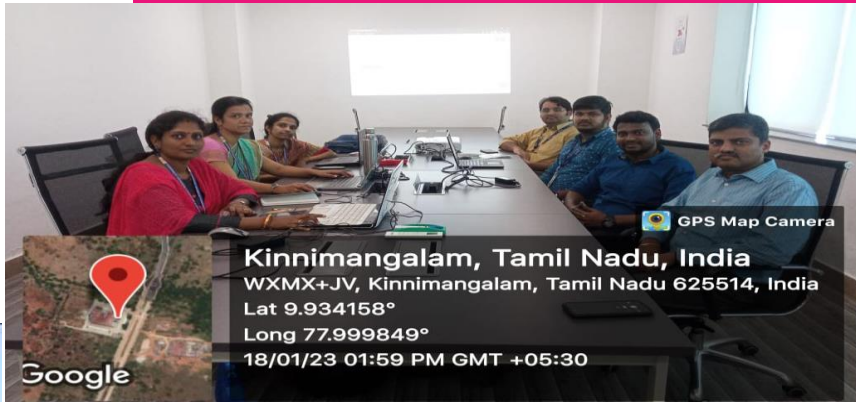


Anna University, Chennai sponsored Rs. 30,000 for conducting six days online FDTP on Block chain from 02.01.2023 to 07.01.2023



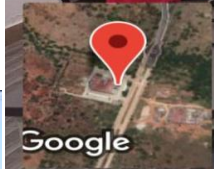
Faculty Industrial Training

28



Chain-Sys India Pvt Ltd. Madurai

Kinnimangalam, Tamil Nadu, India
WXMV+JV, Kinnimangalam, Tamil Nadu 625514, India
Lat 9.934158°
Long 77.999849°
18/01/23 01:59 PM GMT +05:30



Google



Pruvity HR Solutions Private Limited, Madurai

Chain-Sys India Pvt Ltd., Madurai

- 3 Days training given to 3 Faculty Members
- 3 students teams (6 students) have selected for doing Industry Project

Pruvity HR Solutions Pvt Ltd., Madurai

- Signed MoU
- 7 students have assigned for doing Industry Projects