DEPARTMENT ACTIVITIES A.C. year-2023-24

Guest Lecture / Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic
1	12-Aug-23	P Bhagavathy B.E., M.S Senior Engineer, Bosch Global Software Solutions	Art of Programming: An Introduction
2	09-Sep-23	Shanthi Rajendran Senior-Product Co-Ordinator Bangalore	Problem Solving Skills

Seminar / Workshop Conferences organized

S. No.	Date	Nature of the Event (Conference/ Seminar/ Workshop)	Title of the Event	Resource Person
1.	24-Feb-24	Workshop	Coding Essentials and Logic Building with C	Mr. Prashanth Subramani, Application Developer, Avasoft Chennai
2.	04-Jan-24	International Conference	Computational Intelligence and Communication Technologies (ICCICT 2K24)	Dr. Jey Veerasamy, M.S., Ph.D. Director, Center for Computer Science Education & Outreach, Professor of Instruction, Department of Computer Science The University of Texas at Dallas, USA Dr. Richard Min, M.S., M.D., MBA, Ph.D. Professor of Instruction, Department of Computer Science The University of Texas at Dallas, USA Dr. P. Ilango, Ph.D. Group Technical Manager, Engineering and R&D Services, HCL Technologies, Chennai

				Mr. C. Senthilnathan, MCA Associate Director-Technology Virtusa Corporation, USA Dr. Sivaraman Eswaran Ph.D., M.E, M.Sc., SMIEEE, MACM Senior Lecturer, Department of Electrical and Computer Engineering Curtin University, Malaysia
3.	03-Jan-24	Preconference Workshop	Machine Learning Classifiers and Tools	Dr. Richard Min, M.S., M.D., MBA, Ph.D. Professor of Instruction, Department of Computer Science The University of Texas at Dallas, USA
			Creative Coding	Dr. Jey Veerasamy, M.S., Ph.D. Director, Center for Computer Science Education & Outreach, Professor of Instruction, Department of Computer Science The University of Texas at Dallas, USA

Student Development Programme

S. No	Date	Title	Resource Person
1	16-Mar-24	Case Based Learning in C++	I B.Sc. CS CY

Extension Activities

S.No	Date	Nature of the extension	Place	Students involved
1	21-Sep-23	Awareness on Plastic Pollution	Nellithurai Village, Mettupalayam	I B.Sc. CS CY
2	17-Feb-24	Awareness on Energy Saving	Nellithurai Village, Mettupalayam	I B.Sc. CS CY

Faculty Professional Development

S.No	Date	Title	Resource Person
1	11-Sep-23	Top Ten Trends Transforming the Information Technology Industry in 2023	Dr. V. Shobana, Head, Department of Computer Science with Cyber Security

DEPARTMENT ACHIEVEMENTS

Staff Awards and Prizes

S.No	Date	Name of the Staff	Name of the Award	Awarded by
Nil				

Staff Recognitions

S. No.	Date	Name of the Staff	Nature of Recognition	Organization / Institution
1	21-Feb-24	Dr. V. Shobana, Associate Professor and Head, Department of Computer Science with Cyber Security	FDP for Non-Teaching Faculty on Cyber Security Awareness	Dr. N.G.P. Arts and Science College, Coimbatore

Staff Participation

S. No.	Date	Name of the Staff	Event	Organization / Institution
1.	15-Apr-24 to 20-Apr-24	Ms. V. Abinayaa	FDP on Android Basics with Compose	ICT Academy
2.	01-Mar-24 to 02-Mar-24	Dr. V. Shobana	National Cyber Security Summit '24	Sri Manakula Vinayagar Engineering College, Pondicherry.
3.	16-Feb-24 to 22-Feb-24	Ms. A. Vinitha	FDP on Recent Advances in Smart Material and Sensor Technology	Paavai Engineering College
4.	12-Feb-24 to 17-Feb-24	Ms. A. Vinitha	FDP on Teaching Strategies - A Pedagogy	SRM Institute of Science and Technology, Chennai
5.	15-Nov-23 to 16-Nov-23	Dr. V. Shobana Ms. A. Vinitha	FDP on Internet of Things	Enthu Technology Solutions India Pvt Ltd, Coimbatore
6.	17-Oct-23 to 21-Oct-23	Dr. V. Shobana	FDP on Idea Generation Methods	ICT Academy

S. No.	Date	Name of the Staff	Name of the Event	Organization / Institution
7.	Jul to Oct 2023	Dr. V. Shobana	FDP on Cyber Security and Privacy	NPTEL, IIT Madras
8.	12-Oct-23	Dr. V. Shobana	Youth Leadership Summit	ICT Academy
9.	2-Oct-23 to 9-Oct-23	Dr. V. Shobana	FDP on Cyber Security Challenges in the Era of Open Networks and IOT	ACT Academy
10.	11-Sep-23 to 14-Sep-23	Dr. V. Shobana Ms. A. Vinitha	FDP on Recent Research Trends and Challenges in Computer Science	KG College of Arts and Science, Coimbatore
11.	21-Aug-23 to 25-Aug-23	Ms. A. Vinitha	FDP on Cloud Infrastructure AWS	Thiruthangal Nadar College with Brainovision Solutions India Pvt limited and All India Council for Technical Education.
12.	3-Aug-23 to 4-Aug-23	Ms. A. Vinitha	FDP on Fundamentals of Research	IOT Academy
13.	10-Jul-23 to 15-Jul-23	Dr. V. Shobana Ms. A. Vinitha	FDP on Recent Trends on Research Methodologies, Tools and Techniques	KG College of Arts and Science, Coimbatore
14.	30-Jun-23 to 4-Jul-23	Dr. V. Shobana Ms. A. Vinitha	FDP on Empowering Education for Innovation A NEP Perspective	Dr. N.G.P. Arts and Science College, Coimbatore
15.	17-Jun-23 to 21-Jun-23	Dr. V. Shobana Ms. A. Vinitha	FDP on Outcome based Education	Dr. N.G.P. Arts and Science College, Coimbatore.
16.	16-Jun-23 to 24-Jun-23	Ms. A. Vinitha	Workshop on DEVOPS	Dr. N.G.P. Arts and Science College., Coimbatore

Staff Presentation

S. No.	Date	Name of the Staff	Name of the Event	Title of Presentation	Organization / Institution

1.	04-Jan-24	Dr. V. Shobana	International Conference on Computational Intelligence and communication Technologies (ICCICT-2K24)	Role of Cyber Security in Mitigating Challenges threats and to enhance Prevention Methods in the Modern Digital Era	Dr. N.G.P. Arts and Science College, Coimbatore.
2.		Ms. A. Vinitha		Performing NIDS using Convolutional Neural Network with LSTM Model Enhanced with SALP Swarm Optimization	

Staff Publication

S. No.	Name of the Faculty	Title	Journal Name	ISSN / ISBN No., Date of publishing, Vol. No.	Impact Factor	Indexed in (SCI/WoS/UGC /SSCI/Scopus)
1.	Dr. V. Shobana	Role of Cyber Security in Mitigating Challenges threats and to enhance Prevention Methods in the Modern Digital Era	Journal of Propulsion Technology	ISSN:1001-4055 Volume 44, Issue 06 December 2023	0.32	Scopus
2.	Ms. A. Vinitha	Comparative Analysis for Detecting Malicious Packets in LAN Network Using Bagging and Boosting Techniques	Journal of Propulsion Technology	1001- 4055, Vol 44/No 3/2448-2454, October 2023	0.32	Scopus
3.		Detecting Intrusions using ML Algorithms: A Review	Samdarshi – UGC Care I	2581-3986 ,25-09-2023, Vol 16/ Issue 4/2091-2096	_	UGC

Book Publications

S.No	Date	Name of the Staff	Name of the Book	Name of the Publisher	Year of publication	ISBN
1	31-May-24	Ms. A. Vinitha	Unleashing Power of Machine Learning through Python	Bookfly Publications	2024	'9788196368876
2	Mar-24		Advances in Future Trends and Technology			978-81-963688-3-8

Students Presentation

S.No	Date	Name of the Student	Name of the event	Title of Presentation	Organization / Institution
1	23.02.2024	Lokeshraj T Tamil Selvan S	Paper Presentation	Hardware and Networking	Sankara College of Science and Commerce, Coimbatore.
		Pradeepa A V Yamuna M		Cyber Security	

Students Participation

S. No.	Date	Name of the Student(s)	Event	Organization / Institution	Prize won
1.	29.02.2024	Naveenya P M Sudha S	Flameless Cooking	Sri Ramakrishna College of Arts and Science, Coimbatore.	II Prize
2.		Sri Dharshana S	Treasure Hunt, Turn your Coat		Participation
3.	27.02.2024	Barathan R	Fantabulous Quiz Competition	Nehru Arts and Science College, Coimbatore.	Participation
4.		MD Imran Hussain M	Photography		
5.	23.02.2024	Naveenya P M Sudha S	Flameless Cooking	Sankara College of Science and Commerce.	Participation

6.	20.02.2024	Yuvan P M Kumaresh Karthic K R	IPL Auction	PSG College of Arts and Science, Coimbatore.	Participation
7.	19.02.2024	Adwaith R Lokeshraj T	Web Designing Hackathon	Hindusthan College of Arts and Science, Coimbatore.	Participation
8.	19.12.2023	Sudha S Barry Jonathan S	State Level Intercollegiate Debate Competition	CMS College of Science and Commerce, Coimbatore.	Participation
9.	15.12.2023	Lokesh Raj T Adwaith R	Web Designing	Hindusthan College of Arts and Science, Coimbatore.	Participation
10.		Thangavelu Mirulashini Barry Jonathan S	Quiz		
11.		Mani Bharathi A Tamil Selvan S	Debugging		
12.	15.12.2023 to 16.02.2023	Akalya. M Kapilan. S Kshithij Nayak. B Pradeepa. A.V. Yamuna. M	Mastering Cyber Security A Boot Camp on Vulnerability Assessment and Penetration Testing	Dr. N.G.P. Arts and Science College, Coimbatore	Participation
13.	13.12.2023	Adwaith R Thangavelu Mirulashini	Math Quiz	Dept of Mathematics, Dr. N.G.P. Arts and Science College	III Prize

MooC Courses

Staff

S.No.	Name of the Course	Course Provider	Number of Staff Completed	Duration
1	Cyber Security and Privacy	NPTEL	1	12 weeks

Students

S.No.	Name of the Course	Course Provider	Number of Students Completed	Duration
1.	Problem Solving and Programming in C	NPTEL, IIT, Kharagpur	02	12 weeks
2.	Computer Hardware Basics	Cisco Networking Academy	58	6 hrs
3.	TCSION Career Edge - Young Professional	TCS	41	2 weeks
4.	Introduction to Cyber Security	Cisco Networking Academy	52	6 hrs

Consultancy

S. No.	Title	Organisation	Duration	Revenue Generation (Rs.)
1	Data Visualization Tools	Crown Associates, Registered Tax Practioners-Coimbatore	30 Days	Rs. 10000