

Department of Computer Science with Cyber Security

ACTIVITIES A.C. year-2024-25

Guest Lecture / Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic
1	13-Sep-24	Ms. Rajshree Devaraj, Software Developer, Conde Nast Technology Lab, Bangalore	Problem Solving in Coding- Thinking Outside the Box
2	25-Jul-24	Ms. Priyadharshini. D, Advocate, Coimbatore	Cyber Crime and Cyber Law: Building awareness and Strengthening Legal Protections

Student Development Programme

S. No	Date	Title	Resource Person
1	31/07/2024	Art of making games : Design and Development Fundamentals	R. Adwaith II CS CY

DEPARTMENT ACHIEVEMENTS

Staff Participation

S. No.	Date	Name of the Staff	Event	Organization / Institution
1.	23-Sep-24 to 27-Sep-24	Dr. V. Malathi	FDP on Evolving Landscape of Data Science- Current Trends and Patterns	Department of Computer Applications, Hindusthan College of Arts and Science Coimbatore.

2.	Jul-Sep 2024	Ms. A. Vinitha	FDP on Introduction to Machine learning	IIT, Kharagpur, Swayam NPTEL
3.	12.08.2024 to 17.08.2024	Ms. A. Vinitha Dr. V. Malathi	FDP on Internet of Things for Emerging Technical Applications.	M.P.Nachimuthu M.Jaganathan Engineering College, Erode.
4.	29-07-2024 to 02-08-2024.	Dr. V. Shobana Ms. A. Vinitha	Five Days International Virtual FDP on "Exploring New Frontiers in Teaching Tools, AI and Data Analytics"	MEASI Institute of Information Technology, Royapettah, Chennai.
5.	01.07.2024 to 07.07.2024	Ms. A. Vinitha Dr. V. Malathi	7 Days Online Faculty Development Program on Essential Skills for Professional Development in Higher Education.	Star International Foundation for Research and Education
6.	27.05.2024 to 01.06.2024	Ms. A. Vinitha	FDP on Quantum Computing	Sri Sairam Engineering College, Chennai

Staff Presentation

S. No.	Date	Name of the Staff	Name of the Event	Title of Presentation	Organization / Institution
1.	07-08-2024 to 09.08.2024	Ms. A. Vinitha	5th International Conference on Electronics and Sustainable Communication Systems (ICESC 2024)	Ensemble Method for Network IDS using the B DRF Algorithm	Hindusthan Institute of Technology, Coimbatore.
2.	04-Jul-24 to 5-Jul-24	Dr. V. Shobana	National Seminar on "Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective (ICSSRIKS2024)", sponsored by ICSSR, New Delhi	Digital Dharma: Integrating Traditional Indian Knowledge Systems With ICT in Nep-Driven Higher Education	Dr. N.G.P. Arts and Science College, Coimbatore.
3.		Ms. A. Vinitha		Technology That Disseminates the Traditional Indian Knowledge System	

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. Malathi	Safeguarding E Commerce and preventing financial fraud with AdaBoost CNN Cyber Security Approach	IEEE Conference	Accepted		
2.	Mrs.A.Vinitha	Ensemble Method for Network IDS using the B DRF Algorithm	IEEE Conference			Indexed in Scopus
3.	Dr. V. Shobana	• Protecting the Digital Frontier : A Comprehensive Guide to Cyber Security • The Future of IT : Exploring Cloud Computing Solutions • Demystifying the Internet of Things	Proceedings of International Conference on Advanced Computing ICAC 2024	ISBN -978-93-6126-040-7		
4.	Mrs A. Vinitha	• A Study of Modern Era and Tools of Cyber Security • Plant Disease Prediction using the Drone Technology • Understanding Artificial Intelligence : A Glimpse into the Future				

5.	Dr. V. Malathi	• Mobile Computing : Applications and Future Directions • The Role of Artificial Intelligence in the Agriculture Industry				
6.	Dr. V. Shobana	Digital Dharma: Integrating Traditional Indian Knowledge Systems With ICT in Nep-Driven Higher Education	Seminar Proceedings	ISBN -978-8-19-710005-5		
7.	Ms. A. Vinitha	Technology that Disseminates the Traditional Indian Knowledge System				

Book Publications

S.No	Date	Name of the Staff	Name of the Book	Name of the Publisher	Year of publication	ISBN
1	November 2024	Dr. V. Shobana Dr. V. Malathi	Ethical Hacking	Prime International Publications	2024	978-93-6010-384-2

Students Presentation

S. No	Date	Name of the Student	Name of the event	Title of Presentation	Organization / Institution
1	26-Sep-24 to 27-Sep-24	S. Sudha, II B.Sc. CS CY A. Vinitha	Paper Presentation	A Study of Modern Era and Tools of Cyber Security	International Conference on Advanced Computing (ICAC-2024), Department of Computer Science, Bharathiar University, Coimbatore.
		S. Thanshi, II B.Sc. CS CY A. Vinitha		Plant Disease Prediction using the Drone Technology	

2		T. Sharmila, II B.Sc. CS CY V. Rithanya, II B.Sc. CS CY A. Vinitha		Understanding Artificial Intelligence: A Glimpse into The Future	
3		Thangavelu Mirulashini, II CS CY Dr. V. Shobana		Protecting the Digital Frontier: A Comprehensive Guide to Cybersecurity	
4		Kanushi Srinivasan, I B.Sc. CSCY Hemanisha. N. S, I B.Sc. CSCY DR.V. MALATHI		Mobile Computing: Applications and Future Directions	
5		Barry Jonathan, II B.Sc. CSCY DR.V. Malathi		The Role of Artificial Intelligence in the Agriculture Industr	
6		M. Yamuna, II B.Sc. CSCY A. V. Pradeepa, II B.Sc. CSCY DR.V. Malathi		Advancements in Network Security: From Fundamental Protections to Emerging Technologies	
7		R Divyadharshan, I B.Sc. CSCY V. Abinayaa		Virtual Identities: The Impact of AI Recreation	
8		S. Tamilselvan, II B.Sc. CSCY G.S. Srijith, II B.Sc. CSCY P. Mokesh, II B.Sc. CSCY DR. V Shobana		The Future of IT: Exploring Cloud Computing Solutions	
9		MA Nidhish Kumaran, II B.Sc. CS CY S Mokitha, II B.Sc. CS CY R Kumaresh Karthik, II B.Sc. CS CY DR. V Shobana		Internet Of Things: Impact Of The IoT On Modern World	

Students Participation

S. No.	Date	Name of the Student(s)	Event	Organization / Institution	Prize won
1.	11.12.2024 to 12.12.2024	Adwaith R Lokeshraj T Thangavelu Mirulashini	SIH 2024	Ministry of India	-
2.	27.09.2024	Dinesh A	Dance	Hindusthan College of Arts and Science Coimbatore	First
3.	09.08.2024	Sivaprakash M Nidhish Kumaran M A	Hands-on Training On “Flutter App Development”	Kongu Engineering College, Erode	Participation

MooC Courses

Staff

S.No.	Name of the Course	Course Provider	Number of Staff Completed	Duration
1	Introduction to Machine Learning	NPTEL	1	8 weeks
2	Cyber Security and Privacy	NPTEL	1	12 Weeks

Students

S.No.	Name of the Course	Course Provider	Number of Students Completed	Duration
1.	Joy of Computing using Python	NPTEL	04	12 weeks
2.	Cloud Computing	NPTEL	01	8 weeks
3.	Ethical Hacking	NPTEL	01	12 weeks