



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL
काकतीय प्रौद्योगिकी एवं विज्ञान संस्थान, वरंगल
DEPARTMENT OF INFORMATION TECHNOLOGY

SDGs ADDRESSED BY SEMINARs



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DEPARTMENT OF INFORMATION TECHNOLOGY

Student Seminars Linked to SDGs

AY 2024-25

Batch No.	Roll Number	Title of the Seminar	SDGs Addressed	Name of the Supervisor
1	B22IT105	Crop Recommendation System using AI & ML	SDG 2, SDG 9	Dr. T. Senthil Murugan
	B22IT110			
	B22IT071			
	B22IT124			
	B22IT111			
2	B22IT087	Image Processing using AI & ML	SDG 9	Dr.P.Kamakshi
	B22IT127			
	B22IT086			
	B22IT116			
	B22IT094			
3	B22IT095	Cloud Computing Security	SDG 9, SDG 16	Dr.B. Kiran Kumar
	B22IT102			
	B22IT093			
	B22IT090			
	B22IT126			
4	B22IT099	AI and ML for Transportation	SDG 11	Dr.K.Praveen Kumar
	B22IT109			
	B22IT114			
	B22IT083			
	B22IT117			
5	B22IT077	Quantum Computing using AI & ML	SDG 9	Sri N.Srinivas
	B22IT098			
	B22IT122			
	B22IT065			
	B22IT097			
6	B22IT082	AI & ML in Medical Applications	SDG 3	Smt.Amera Almas
	B22IT081			
	B22IT119			
	B23IT140L			
	B23IT135L			
7	B22IT080	Large Language Models	SDG 9	Sri N.Rajender
	B22IT092			
	B22IT074			
	B22IT100			
8	B22IT115	Recommendation Systems	SDG 9	Ms.S.Sangeetha
	B22IT107			
	B23IT137L			

	B22IT084			
9	B22IT078	Smart Irrigation using AI & ML	SDG 2, SDG 6	K.Goutham Raju
	B22IT091			
	B22IT112			
	B22IT123			
10	B22IT096	Machine Learning in Drug Discovery	SDG 3	K.Deepika
	B22IT079			
	B22IT067			
	B22IT121			
11	B22IT075	AI & ML for Network Security	SDG 9, SDG 16	R.Gautam
	B22IT073			
	B22IT101			
	B22IT125			
12	B22IT088	Generative AI in Financial Management	SDG 8	M.Kishore
	B22IT069			
	B22IT070			
	B22IT104			
13	B22IT089	Role of AI in Enhancing Cybersecurity	SDG 16	Smt.S.B.Swathi
	B22IT108			
	B22IT106			
	B22IT076			
14	B22IT066	Cyber Security through Blockchain Technology	SDG 9, SDG 16	Dr.Y.Bhavani
	B23IT138L			
	B23IT136L			
	B22IT118			
15	B22IT103	Application of AI & ML Techniques in Healthcare	SDG 3	A.Bhaskar
	B21IT068			
	B22IT113			
	B23IT139L			

AY 2023-24

Batch No.	Roll Number	Title of the Seminar	SDGs Addressed	Name of the Supervisor
1	B21IT003	Combining Deep Learning and Super-Resolution Algorithms for Deepfake Detection	SDG 9, SDG 16	Dr. T. Senthil Murugan
	B21IT041	Deep Learning for Multiple Image Super-Resolution	SDG 9	
	B21IT015	Uncovering Deepfake Ruses	SDG 16	
	B21IT060	Deepfake Video Detection System Using Deep Neural Networks	SDG 9, SDG 16	
2	B21IT056	Early Detection of Parkinson's Disease Using Deep Learning and Machine Learning	SDG 3	Dr. B. Kiran Kumar
	B21IT049	Parkinson's Disease: Causes, Prevention, and Advanced Treatment Using Artificial Intelligence	SDG 3	
	B21IT017	Early Detection of Parkinson's Disease Through Patient Questionnaires and Predictive Modeling	SDG 3	
3	B21IT007	Chipless RFID Sensors for Wearable Applications: A Review	SDG 9, SDG 3	Dr. K. Praveen Kumar
	B22IT134L	G2F: A Secure User Authentication Framework for Rapid Smart Home IoT Management	SDG 9, SDG 16	
	B21IT028	Portable and Real-Time IoT-Based Healthcare Monitoring System for Daily Medical Applications	SDG 3	

4	B21IT042	Security Risk Prevention and Control Deployment for 5G Private Industrial Networks	SDG 9, SDG 16	Dr. P. Kamaskhi
	B21IT030	IMDoC: Identification of Malicious Domain Campaigns via DNS and Communicating Files	SDG 16	
	B22IT133L	A Review of Visualization Methods for Cyber-Physical Security: Smart Grid Case Study	SDG 7, SDG 9	
	B21IT036	Exploring the Role of Cybersecurity in the Protection of Medical Information	SDG 3, SDG 16	
5	B22IT136L	IoT- and AI-Enabled Smart Agriculture	SDG 2, SDG 9	Sri. A.Bhaskar
	B21IT046	Smart Irrigation System Using IoT	SDG 2, SDG 6	
	B21IT048	The Garden of Tomorrow: Unleashing the Power of IoT in Smart Greenhouses	SDG 2, SDG 9	
	B21IT043	Software Engineering for IoT-Driven Data Analytics Applications	SDG 9	
6	B21IT013	Stock Price Prediction Using Machine Learning	SDG 8, SDG 9	Sri. M. Kishore
	B21IT044	Ensemble Approaches to Improve Learning Performance of Existing Models	SDG 4, SDG 9	
	B21IT004	Investigating Various Cryptographic Techniques Used in Cloud Computing	SDG 16, SDG 9	
	B21IT022	Stock Market Analysis Using Supervised Machine Learning	SDG 8, SDG 9	
7	B22IT131L	Security and Privacy Protection Technologies in Securing Blockchain Applications	SDG 16, SDG 9	Dr.Y.Bhavani
	B21IT027	Security for Wireless Sensor Networks Using Cryptography	SDG 16	
	B21IT021	Innovative Security and Compression Techniques for Constrained IoT Networks	SDG 9	
	B21IT061	Cybersecurity Control of Nuclear Power Plants Using Technical Assessment Methodology	SDG 7, SDG 16	
8	B21IT034	Prospects for Handling 5G Network Security: Challenges, Recommendations, and Future Directions	SDG 9, SDG 16	Sri. R. Gautam
	B21IT053	A Review of Security Standards and Frameworks for IoT-Based Smart Environments	SDG 11, SDG 16	
	B21IT040	Diagnosis of Malaria Using Double Hidden Layer	SDG 3	
	B21IT033	Extreme Learning Machine with CNN Feature Extraction and Parasite Inflator Android Chat Application	SDG 9	
9	B21IT010	Chatbot for Student Assistance	SDG 4	Smt. S.B.Swathi
	B21IT045	Advanced Applications of Machine Learning in Cardiac Disease Prevention	SDG 3	
	B21IT055	Artificial Intelligence in Animal Farming: A Systematic Literature Review	SDG 2, SDG 9	
	B22IT130L	Applications of Artificial Intelligence in Biomedical Sciences	SDG 3, SDG 9	
10	B21IT052	Smart Platform for Blood Management in Healthcare Using AI/ML Approaches	SDG 3	Dr. K. Deepika
	B21IT001	Leukemia Detection Using Machine Learning	SDG 3	
	B21IT051	Smart Parking Services Using Fog Computing and IoT Devices	SDG 11, SDG 9	
	B21IT063	Artificial Intelligence-Based Techniques for Adulteration and Defect Detection in the Food and Agriculture Industry: A Review	SDG 2, SDG 3	
11	B21IT002	Wireless Sensor Networks and Internet of Things in Precision Agriculture	SDG 2, SDG 9	Sri. T. Mahesh Kumar

	B21IT008	Implementation of Artificial Intelligence in Agriculture for Optimization of Irrigation and Application of Pesticides and Herbicides	SDG 2, SDG 6	
	B21IT018	Identity-Based Access Management for Cloud Data Integrity	SDG 16, SDG 9	
	B21IT032	An Efficient and Secure Framework for Mobile Cloud Computing	SDG 9, SDG 16	
12	B21IT014	Denial of Wallet: Defining a Looming Threat to Serverless Computing	SDG 16	Ms.S.Sangeetha
	B21IT012	A Reliability-Guaranteed Solution for Data Storage and Sharing	SDG 9	
	B21IT038	Credit Card Fraud Detection Using State-of-the-Art Machine Learning and Deep Learning Algorithms	SDG 8, SDG 16	
	B21IT016	Detecting Spam Emails Using Machine Learning Optimized with Bio-Inspired Metaheuristic Algorithms	SDG 16	
13	B21IT020	Credit Card Fraud Detection Model Based on LSTM Recurrent Neural Networks	SDG 8, SDG 16	Sri. K. Goutham Raju
	B21IT037	Big Data with Cloud Computing: Discussion and Challenges	SDG 9	
	B21IT062	Energy Saving Using Green Cloud Computing	SDG 7, SDG 13	
	B21IT023	An Efficient and Secure Framework for Cloud Computing	SDG 9, SDG 16	
14	B21IT035	STAR: SLA-Aware Autonomic Management of Cloud Resources	SDG 9	Sri. N.Srinivas
	B21IT054	DSIV: Data Science for Intelligent Vehicles	SDG 9, SDG 11	
	B21IT050	Privacy and Artificial Intelligence	SDG 16	
	B21IT019	The Use of Big Data Analytics in Healthcare	SDG 3	
15	B21IT031	Machine Learning Techniques for Sentiment Analysis of COVID-19-Related Twitter Data	SDG 3, SDG 9	Sri. N.Rajender
	B22IT132L	Vehicle Monitoring System Based on IoT Using 4G/LTE	SDG 9, SDG 11	
	B21IT057	The Role of IoT in Agriculture for the Implementation of Smart Farming	SDG 2, SDG 9	
	B21IT039	Building an Aerial-Ground Robotics System for Precision Farming	SDG 2, SDG 9	
16	B21IT025	Harnessing Artificial Intelligence Capabilities to Improve Cybersecurity	SDG 16, SDG 9	Smt. P. Anoosha
	B21IT059	Weaponized Artificial Intelligence for Cyber Attacks	SDG 16	
	B21IT047	Impact of Generative AI on Cybersecurity and Privacy	SDG 16	
	B21IT005	From ChatGPT to ThreatGPT: Impact of Generative AI on Cybersecurity	SDG 16	
17	B21IT009	Combining Deep Learning and Super-Resolution Algorithms for Deepfake Detection	SDG 9, SDG 16	Smt. Ameera Almas
	B21IT064	Deep Learning for Multiple Image Super-Resolution	SDG 9	
	B21IT029	Uncovering Deepfake Ruses	SDG 16	
	B22IT135L	Deepfake Video Detection System Using Deep Neural Networks	SDG 9, SDG 16	

Batch No.	Roll Number	Title of the Seminar	SDGs Addressed	Name of the Supervisor
1	B20IT001	Implementation of a College Network Scenario Using Cisco Packet Tracer	SDG 4, SDG 9	Dr. P.Kamakshi
2	B20IT002	Effectiveness of Robotic Process Automation for Data Mining Using UiPath	SDG 8 ,SDG	
3	B20IT003	Evaluation of Steganography Techniques for Hiding Text in Grayscale Digital Images	SDG 9, SDG 16	
4	B20IT004	Traffic Prediction for Intelligent Transportation Systems Using Machine Learning	SDG, SDG 9	
5	B20IT005	Detection of DoS Attacks in Cloud Networks Using an Intelligent Rule-Based Classification System	SDG 16, SDG 9	
6	B20IT006	An Overview of Blockchain Technology	SDG 9	Smt. G. Vijaya Laxmi
7	B20IT007	Deploying an E-Commerce Website Using Amazon Web Services	SDG 8, SDG 9	
8	B20IT008	Applications of Artificial Intelligence in Medical Devices and Healthcare	SDG 3, SDG 9	
9	B20IT009	Blockchain-Enabled Digitization of Land Registration Systems	SDG 16, SDG 9	
10	B20IT010	Honeypot Technology: Concepts and Applications	SDG 16	
11	B20IT011	Driver Drowsiness Detection Using Machine Learning	SDG 3, SDG 11	Dr.K.Deepika
12	B20IT012	A Study on Penetration Testing Processes and Tools	SDG 16	
13	B20IT013	Stock Market Prediction Using Machine Learning	SDG 8, SDG 9	
14	B20IT014	Wi-Fi Motion: Human Activity Recognition Using Wi-Fi Signals	SDG 9, SDG 3	
15	B20IT015	Snake Robot Gripper Module for Search and Rescue in Narrow Spaces	SDG 11, SDG 3	
16	B20IT016	An Overview of the Hyperledger Framework	SDG 9	Sri B.Kiran Kumar
17	B20IT017	Traffic Signal Violation Detection Using Artificial Intelligence and Deep Learning	SDG 11, SDG 16	
18	B20IT018	An Overview of TypeScript by Boris Cherny	SDG 4 SDG 9	
19	B20IT019	Blockchain Challenges and Opportunities: A Survey	SDG 9	
20	B20IT020	Music Recommendation Based on Facial Emotion Recognition	SDG 9, SDG 3	
21	B20IT021	VR Live in Architecture: Real-Time Virtual Reality Broadcasting	SDG 11, SDG 9	Sri A.Bhaskar
22	B20IT022	Touchless Touchscreen Technology	SDG 3, SDG 9	
23	B20IT023	Multi-Factor Authentication for System Login	SDG 16	
24	B20IT024	Blue Eyes Technology	SDG 9	
25	B20IT025	ATM Card Security Using Biometric and Message Authentication Technologies	SDG 16	
26	B20IT026	A Reinforcement Learning Approach for Optimal Sensor Placement in Protected Cultivation Systems	SDG 2, SDG 9	

Batch No.	Roll Number	Title of the Seminar	SDGs Addressed	Name of the Supervisor
27	B20IT027	Smart Mirror Using Raspberry Pi: A Survey	SDG 9, SDG 3	Sri. N. Rajendar
28	B20IT028	Metaverse: Taxonomy, Components, Applications, and Open Challenges	SDG 9	
29	B20IT029	Computer Forensics: An Overview	SDG 16	
30	B20IT030	An Overview of Grid Computing	SDG 9	
31	B20IT031	Direct Answers in Google Search Results	SDG 4, SDG 9	Ms.P.Sree Lakshmi
32	B20IT032	Honeypots: Approach and Implementation	SDG 16	
33	B20IT033	A Methodical Overview of Phishing Detection and the Design of an Anti-Phishing Framework	SDG 16	
34	B20IT034	A Geospatial Data Mining System for Abnormal Event Detection and Visualization	SDG 11, SDG 9	
35	B20IT035	A Brief Review of Self-Organizing Maps	SDG 4, SDG 9	
36	B20IT036	Factors Influencing Cybersecurity Behavior	SDG 16	Sri M.Kishore
37	B20IT037	Mobile Computing and Its Applications	SDG 9	
38	B20IT038	PharmaBot: A Pediatric Generic Medicine Consultant Chatbot	SDG 3	
39	B20IT039	Android-Based Real-Time Location Tracking System	SDG 11, SDG 9	
40	B20IT040	Secure Automated Teller Machine (ATM) Using Image Processing	SDG 16	
41	B20IT041	Kerberos-Based Enhanced Authentication Protocol for Cloud Computing Environments	SDG 16	Sri.R .Gautam
42	B20IT042	Decentralized Online Voting System Using Blockchain	SDG 16	
43	B20IT043	User Requirements for Digital Jewelry Systems	SDG 8	
44	B20IT044	Face Recognition Using Machine Learning Algorithms	SDG 16, SDG 9	
45	B20IT045	Applications of Artificial Intelligence in GPS Systems	SDG 9, SDG 11	
46	B20IT046	IoT Technologies for Smart Cities	SDG 11, SDG 9	Sri.T.Mahesh Kumar
47	B20IT047	Fog Computing and Its Role in the Internet of Things	SDG 9	
48	B20IT048	Child Safety Wearable Device	SDG 3 , SDG 16	
49	B20IT049	IoT-Based Smart Agriculture: Towards Making Fields Talk	SDG 2, SDG 9	
50	b20IT050	Smart Cities: Recent Trends, Methodologies, and Applications	SDG 11	
51	B20IT051	Cybersecurity in the Big Data Era: From Securing Big Data to Data-Driven Security	SDG 16, SDG 9	Dr.K.Praveen Kumar
52	B20IT052	Leukemia Detection Using Microscopic Images and Machine Learning Techniques	SDG 3	
53	B20IT053	Enhancing Relational Database Security in Cloud Computing Using Blockchain	SDG 16	
54	B20IT054	IoT-Based Real-Time Health Monitoring System	SDG 3	

Batch No.	Roll Number	Title of the Seminar	SDGs Addressed	Name of the Supervisor
55	B20IT055	Cybersecurity Challenges and Trends in Emerging Technologies	SDG 16	
56.	B20IT056	QR Code Generator System	SDG	Sri K.Goutham Raju
57	B20IT057	Edge Computing Perspectives: Architectures, Technologies, and Open Security Issues	SDG 9	
58	B20IT058	A Review of Artificial Intelligence in Cybersecurity	SDG 16	
59	B20IT059	Chameleon Chip Technology	SDG 9	Sri K.Goutham Raju
60	B20IT060	Security and Privacy in Smart Farming: Challenges and Opportunities	SDG 2, SDG 16	
61	B21IT121L	The Evolution of AI and Cloud Computing and the Future It Holds	SDG 9	Ms. S.Sangeetha
62	B21IT122L	Smart Contract-Based Policies for the Internet of Things	SDG 9	
63	B21IT123L	Data Hiding on the Web Using a Combination of Steganography and Cryptography	SDG 16	
64	B21IT124L	Metaverse: Unlocking Imagination and Embracing Reality	SDG 9	Sri N Srinivas
65	B21IT125L	Future Generation Computer Systems	SDG 9	
66	B21IT126L	Implementation of a College Network Scenario Using Cisco Packet Tracer	SDG 4, SDG 9	