

Initiatives and Implementation of Sustainable Development Goals (SDGs)

KITS Warangal

Department Name: Computer Science & Engineering (Networks)

Student Projects Linked to SDGs

AY 2024-25

SNo	Roll No	Name	Counselor Name	Title	SDG Addressed	Justification
1	B22CN001	Yenumulapally Hrushik	Dr. V. Shankar	Trip Agency & Hotel Management System	9, 11	Supports digital tourism & smart city services.
2	B22CN002	Pakhala Rishi Sharma	Dr. V. Shankar	Forum / Discussion Board	4	Enables collaborative learning platforms.
3	B22CN003	Syed Adil Abraar	Dr. S. Venkatrmulu	Catering Service Management System	9	Digitizes service industry operations.
4	B22CN005	Samala Shivan	Dr. S. Venkatrmulu	Restaurant Management	9	Improves business efficiency using IT.
5	B22CN006	Shukla Anirudh	Dr. V. Chandra Shekhar Rao	Career Guidance Portal	4	Enhances education & career awareness.



6	B22CN007	Gowru Jahnvi Reddy	Dr. V. Chandra Shekhar Rao	Event Management	9, 11	Supports organized urban event systems.
7	B22CN008	Chandupatla Srilaxmi	Dr. V. Chandra Shekhar Rao	Trip & Hotel Management	9, 11	Improves tourism infrastructure.
8	B22CN009	Chiragoni Sai Pradyumna Goud	Dr. V. Swathy	Bus Reservation System	9, 11	Strengthens smart transport systems.
9	B22CN010	Cholleti Harshini	Dr. V. Swathy	Interior Designing Client Mgmt	9, 11	Supports smart housing planning.
10	B22CN011	Poreddy Akshith	Dr. V. Swathy	Number Plate Detection	11, 9	Enhances traffic monitoring & safety.
11	B22CN012	M. Keerthi Yadav	B. Sridhara Murthy	Instagram Reach Prediction	9	AI innovation in analytics.
12	B22CN013	Velishoju Snikitha	B. Sridhara Murthy	Health Tracker App	3	Promotes preventive healthcare.
13	B22CN014	Gourishetty Sai Sumanth	B. Sridhara Murthy	Fake Currency Detection	9	Secures financial systems.
14	B22CN016	Gaddam Sai Prabhas Goud	Dr. Kumar Dorthi	Expense Tracker	9	Digital finance management.

15	B22CN017	Sadhula Sai Charan	Dr. Kumar Dorthi	Quiz Application	4	Supports e-learning assessment.
16	B22CN018	Chaithra Jyothsna Volam	Dr. A. Godavari	Real Estate Management	11, 9	Smart property systems.
17	B22CN019	M. Archana Yadav	Dr. A. Godavari	Disease Gene Prediction	3	Advances medical diagnostics.
18	B22CN020	Dudipala Uma Mahesh Reddy	Dr. A. Godavari	Twitter Bot Detection	9	Improves cybersecurity.
19	B22CN022	Gaddala Mounadas	D. Ramesh	SMS Spam Detection	9	Secures communication networks.
20	B22CN024	Dinasarapu Veda Sri	D. Ramesh	Student Performance Prediction	4	Academic analytics improvement.
21	B22CN025	Nagula Renu Sri	T. Anusha	Restaurant Recommendation AI	9, 11	Smart service systems.
22	B22CN026	Pasuparthi Sanjeeth	T. Anusha	Quiz Application	4	Digital education tool.
23	B22CN027	Gande Sunnyhith	T. Anusha	Educational Blog App	4	Knowledge sharing platform.

24	B22CN029	Raparathi Amitha Goud	K. Shirisha	Fake News Detection	4, 9	Promotes media literacy & AI research.
25	B22CN030	Ammula Navya	T. Sruthi	Restaurant Application	9	Service digitization.
26	B22CN031	Birudaraju Rohan Bhatt	T. Sruthi	Hostel Management System	4, 11	Student housing management.
27	B22CN032	Bathula Anusha	Ch. Jayanth Babu	Skin Cancer Detection	3	Early disease diagnosis.
28	B22CN033	Modem Manaswini	Ch. Jayanth Babu	Real Estate Management	11, 9	Urban infrastructure systems.
29	B22CN035	Gopala Neethu	K. Ravikanth	Game Popularity Prediction	9	Data analytics innovation.
30	B22CN036	Kasarla Manideep	K. Ravikanth	Crop Recommendat ion System	3, 9	Supports sustainable agriculture.
31	B22CN037	Varuvala Sriram	M. Sushmitha	Personal Finance Manager	9	Digital finance tools.
32	B22CN039	Mohd Arbaz	M. Sushmitha	Employee Tracker	9	Workforce management systems.
33	B22CN040	Mangu Lalasa	P. Priyanka	Weapon Detection System	11, 9	Public safety surveillance.

34	B22CN041	Aluri Sai Divya	P. Priyanka	Web Service Classification	9	Computing innovation.
35	B22CN043	Rayabharapu Sree Varshith	V. Srinivas	Image Recognition AI	9	AI research advancement.
36	B22CN045	Maimuna Farhath	M. Shirisha	QR Attendance System	4, 9	Smart education management.
37	B22CN046	Thippani Sai Charan	M. Priyadarshini	E-Commerce Bookstore	4, 9	Online learning access.
38	B22CN047	Seetha Harika	M. Priyadarshini	Heart Disease Prediction	3	Preventive healthcare analytics.
39	B22CN048	Rudroju Datta Rajan	S. Ravi	AI Health Advisor	3	Digital health assistance.
40	B22CN050	Byri Vaishnavi	J. Sathish	Weather App	11, 9	Climate & urban planning support.
41	B22CN051	Mohammad Zameer Pasha	J. Sathish	Budget Tool ML	9	Financial analytics innovation.
42	B22CN052	Raavi Muni Sree	M. Soumya	Food Waste Management App	3, 11	Reduces waste & improves food systems.

43	B22CN053	Chenna Ravi Kiran	M. Soumya	Disaster Prediction System	11, 9	Disaster resilience planning.
44	B22CN054	Pendli Srivani	R. Vijay Kumar	Payment Fraud Detection	9	Secure digital transactions.
45	B22CN055	Nalike Rishi	R. Vijay Kumar	Online Discussion Forum	4	Collaborative education.
46	B22CN057	Abbidi Sathwika	Ch. Shiva Kumar	Smart Expense Tracker	9	Personal finance digitization.
47	B22CN058	Goli Amnisha	Ch. Shiva Kumar	Online Voting System	11, 9	Digital civic infrastructure.
48	B22CN059	Ameena	T. Sravanthi	Quiz Application	4	E-learning tool.
49	B22CN062	Renukuntla Shivani	Dr. B. V. Pranay Kumar	Network Quality Prediction	9	Telecom infrastructure improvement.
50	B22CN063	Akula Shiva Krishna	K. Spandana	GPS Data Analysis	11, 9	Smart mobility systems.
51	B22CN064	Tejavath Radhika	K. Spandana	Vulnerability Scanner	9	Cybersecurity systems.
52	B21CN037	Banoth Tagur	T. Venkatesh	Basic Firewall Python	9	Network security infrastructure.
53	B21CN034	M Ram Chandra Reddy	T. Venkatesh	Path Finding Visualiser	4	Educational visualization.

54	B23CN132L	Noothi Sri Ram	L. Sujith Kumar	College Management System	4, 9	Education administration digitization.
55	B23CN133L	Bommara Narendar	L. Sujith Kumar	Smart Traffic Signal ML	11, 9	Urban traffic optimization.
56	B23CN134L	Gopathi Sravan Kumar	K. Shruthi	Hospital Management	3, 9	Healthcare service systems.
57	B23CN135L	Sirumulla Sidhartha	K. Shruthi	Cyber Secure Smart Lock	11, 9	Smart home safety.
58	B23CN136L	Chityala Jayapal	Y. Soujanya	Home Automation IoT	11, 9	Smart sustainable housing.

CAY-2024-25						
S. No.	ROLL NO	NAM E	TITLE OF THE PROJECT	Supervisor Name	SDGs Addressed	Justification



1	B22CN066	A. Teja Deept hi	Medicine Recommended system using machine learning	Dr. V. Shankhar	SDG 3 - Good Health and well Being SDG 9: Industry, Innovation and	SDG 3: Enhances healthcare quality by providing personalized and accurate medicine recommendations..
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					Infrastructure	SDG 9: Promotes innovation in healthcare through AI-driven systems, strengthening digital infrastructure for sustainable medical services.
2	B22CN067	K.Divya	Phishing URL Detection using Machine Learning	Dr.S.Venkatramulu	SDG 16: Peace, Justice and Strong Institutions	SDG 16: Enhances digital security by preventing phishing attacks. SDG 9: Advances innovation in cybersecurity infrastructure through machine learning.

					SDG 9: Industry, Innovation and Infrastructu re	
3	B22CN071	G. Sai varshi ni	Effective and Secure Two- Factor multi server Authentication scheme without password	Dr. V. Chadra Shekar Rao	SDG 16: Peace, Justice and Strong Institutions	SDG 16: Strengthens institutional trust by ensuring secure authentication, reducing fraud, and protecting users in digital



					SDG 9: Industry, Innovation and Infrastructure	environments. SDG 9: Encourages innovation in cybersecurity infrastructure, enabling industries to adopt passwordless authentication for sustainable digital growth.
4	B22CN072	P. Saikumar	Blood Bank and Donor Management System using PHP and MYSQL	Dr. V. Chadra Shekar Rao	SDG 3 - Good Health and well Being	SDG 3: Enhances healthcare outcomes by ensuring safe, reliable,



					SDG 9: Industry, Innovation and Infrastructu re	and timely access to blood for patients in need. SDG 9: Promotes innovation in healthcare infrastructure through digital systems that optimize donor and blood bank management.
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5	B22CN073	N.Me enaks hi	A Smart Notice Board using Raspberry pi	V.Swathy	SDG 9: Industry, Innovation and	SDG 9: Encourages innovation by leveraging IoT and embedded systems to build cost- effective, smart communication infrastructure.
					Infrastructu re SDG	SDG 11: Supports sustainable communities by reducing reliance on paper notices and enabling real- time, eco-friendly information sharing.



					11: Sustainable Cities and Communitie s	
6	B22CN076	B. Sai Ansh ul	prediction of player performance in cricket using Machine Learning	B. Sridhara Murthy	SDG 3: Good Health and Well-Being SDG 9: Industry, Innovation and	SDG 3: Supports athlete health by analyzing performance data to prevent injuries and optimize training.



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					Infrastructure	SDG 9: Industry, Innovation and Infrastructure - Advances sports analytics infrastructure through innovative machine learning applications. SDG 11:
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7	B22CN077	Sreeja Kalakoti	Machine Learning-Driven Anomaly	Dr. Kumar dorthi	SDG 3 - Good Health and well Being	SDG 3: Ensures patient safety and better healthcare outcomes by detecting anomalies and restoring accurate medical records. SDG 9: Strengthens healthcare infrastructure through innovative
			Detection and Data Restoration in		SDG 9: Industry, Innovation and	
			Healthcare Records		Infrastructure SDG	machine learning solutions for secure and reliable data management.



					16: Peace, Justice and Strong Institutions	SDG 16: Promotes trust in healthcare institutions by safeguarding data integrity.
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AY 2022-23

LIST OF PROJECT TITLES FOR THE ACADEMIC YEAR (2022 – 2023)					
Name of the Student	Roll Numbers	Project Title	Areas of Specialization	SDGs Addressed	Justification
Annam aneni Nishika nth	B19CN001	A Novel spatial relational features generation using encoded geometry for character	Artificial Intelligence and Machine Learning	SDG 9 - Industry, Innovation and Infrastructure	SDG 9:AI and ML drive technological innovation, improve industrial efficiency, and strengthen digital infrastructure across sectors.
Tumati Netha Sri Dattha	B19CN002	Finding Influential Users in Social Media using Association Rule	Artificial intelligence and Machine Learning	SDG 10 - Reduced Inequalities	SDG 10:Artificial Intelligence and Machine Learning foster innovation by enabling advanced

					technologies, smarter industries, and resilient digital infrastructure.
Pingili Shobhana	B19CN003	Real time network traffic analysis using apache spark to protect networks	Computer Networks	SDG 9 - Industry, Innovation and Infrastructure	SDG 9: Computer networks form the backbone of digital infrastructure, enabling connectivity, innovation, and efficient industrial and economic activities.
Tham mi Sai Charan	B19CN004	Design and development of an Integrated monitoring system for forecasting detecting and preventing early pest in Agriculture using IoT and deep	Internet of Things	SDG 9: Industry, Innovation and Infrastructure	SDG 9: IoT enhances smart infrastructure and industrial innovation by connecting devices to improve efficiency, automation, and data-driven decision-making.
Bhavan a Agarwal	B19CN005	Loan Eligibility Prediction using Gradient Boosting classifier	Artificial Intelligence and Machine Learning	Primary SDG: SDG 8 – Decent Work and Economic Growth	IoT enhances smart infrastructure and industrial innovation by connecting devices to improve efficiency, automation, and

					data-driven decision-making.
Chenn uri Sai Prasad	B19CN006	An NLP approach to cluster and retrieve software components.	Artificial Intelligence and Machine Learning	SDG 9: Industry, Innovation and Infrastructure	SDG 9:Artificial Intelligence and Machine Learning accelerate innovation by enabling smart technologies, optimizing industrial processes, and strengthening digital infrastructure.
Kotha Vennel a	B19CN007	An Industrial Cloud Based IoT system for Real Time monitoring and controlling of Waste Water	Internet of Things	SDG 12 – Responsible Consumption and Production	SDG 12 – Responsible Consumption and Production An industrial cloud-based IoT system enables real-time monitoring and control of waste, promoting efficient waste management and sustainable use of resources.
Pallebo ina Sujala	B19CN008	A Novel Deep Learning Model for Automatic Detection and Classification of Breast Cancer Using	Artificial Intelligence and Machine Learning	SDG 9: Industry, Innovation and Infrastructure	SDG 3: Developing deep learning models for breast cancer detection directly supports early diagnosis and treatment, improving health

		the Transfer Learning			outcomes and reducing mortality rates. SDG 9: As it advances healthcare innovation through AI-driven medical technologies that strengthen diagnostic infrastructure.
Konda pally Santho shini Shivani	B19CN009	Malware Detection and Classification using Visualization Technique	Artificial Intelligence and Machine Learning	SDG 16 – Peace, Justice and Strong Institutions	AI and ML promote innovation and sustainable industrial development through intelligent systems and advanced digital infrastructure.
Nagilla Poojitha	B19CN010	A Novel spatial relational features generation using encoded geometry for character recognition	Artificial Intelligence and Machine Learning	SDG 9: Industry, Innovation and Infrastructure	SDG 9:Artificial Intelligence and Machine Learning enable innovative solutions and modern infrastructure that boost industrial productivity and technological progress.
Sana Ur Rahman	B19CN011	Data Collection and Path Determinatio	Computer Networks	SDG 9: Industry, Innovation	SDG 9:Computer networks form the backbone of digital

		n Strategies for Mobile Sink in 3D WSNs.		and Infrastructure	infrastructure, enabling communication, innovation, and sustainable industrial development.
Juluru Greeshma	B19CN012	Design and development of an Integrated monitoring system for forecasting detecting and preventing early pest in Agriculture using IoT and deep learning	Internet of Things	SDG 9: Industry, Innovation and Infrastructure	IoT enables smart, connected infrastructure and improves industrial efficiency through real-time data and automation.
Janga Sridhar Reddy	B19CN013	Loan Eligibility Prediction using Gradient Boosting Classifier	Artificial Intelligence and Machine Learning	SDG 9: Industry, Innovation and Infrastructure	Artificial intelligence and machine learning drive innovation, improve industrial processes, and strengthen modern technological infrastructure.
Padaka nti Bhavag nya	B19CN014	Move to check manipulatio n in PUC Certification / Prediction of manipulatio n percentage in PUC certification	Artificial Intelligence and Machine Learning	SDG 9: Industry, Innovation and Infrastructure	AIML drives technological innovation, enhances industrial processes, and strengthens

		for two and four wheeler vehicles			modern digital infrastructure.
Vikram Reddy Poreddy	B19CN015	Loan Eligibility Prediction using Gradient Boosting Classifier	Artificial Intelligence and Machine Learning	SDG 9: Industry, Innovation and Infrastructure	AIML accelerates technological innovation, enhances industrial productivity, and supports the development of smart and resilient infrastructure.
Nagabandi Soumya Sree	B19CN016	A dynamic IoT based deep learning approach to predict the rate of tourist attraction in smart city	Internet of Things	SDG 9: Industry, Innovation and Infrastructure	IoT enables smart, connected infrastructure and improves industrial efficiency through real-time data and automation.
Dunde Poojith Raj	B19CN017	Finding Influential Users in Social Media using Association Rule Learning	Artificial Intelligence and Machine Learning	SDG 9: Industry, Innovation and Infrastructure	AIML accelerates technological innovation, enhances industrial productivity, and supports the development of smart and resilient infrastructure.
Erukulla Akshaya	B19CN018	An automated resume screening system using natural language	Artificial Intelligence and Machine Learning	SDG 9: Industry, Innovation and	AIML accelerates technological innovation, enhances industrial productivity, and

		processing and similarity		Infrastructure	supports the development of smart and resilient infrastructure.
Pulyala Vivek Reddy	B19CN019	An Industrial Cloud Based IoT system for Real Time monitoring and controlling of Waste Water	Internet of Things	SDG 9: Industry, Innovation and Infrastructure	IoT enables smart, connected infrastructure and improves industrial efficiency through real-time data and automation.
Chenn apraga da Ruthvi k	B19CN020	Real time network traffic analysis using apache spark to protect networks against attacks	Computer Networks	SDG 9 – Industry, Innovation and Infrastructure SDG 16 – Peace, Justice and Strong Institutions	SDG 9: Strengthens secure, resilient digital infrastructure using advanced big-data technologies for cyber protection. SDG 16: Enhances cybersecurity to protect digital systems, supporting safer and more trustworthy institutions.
Kasam Sanjuna	B19CN021	A Novel Deep Learning Model for Automatic Detection and Classification of Breast Cancer Using	Artificial Intelligence and Machine Learning	SDG 3 – Good Health and Well-Being	SDG 3: Supports early and accurate breast cancer diagnosis using AI, improving healthcare outcomes and patient survival.

		the Transfer Learning			
Pulluru Dheera j	B19CN022	An automated resume screening system using natural language processing and similarity	Artificial Intelligence and Machine Learning	SDG 8 – Decent Work and Economic Growth	SDG 8: Improves fair and efficient recruitment using AI, supporting better employment opportunities and workforce productivity.
Vengal a Sai Ruthwi k	B19CN023	Finding Influential Users in Social Media using Association Rule Learning	Artificial Intelligence and Machine Learning	SDG 16 – Peace, Justice and Strong Institutions SDG 9 – Industry, Innovation and Infrastructure	SDG 16: Helps identify key information spreaders to promote responsible communication and counter misinformation in digital platforms. SDG 9: Uses data mining and analytics to innovate digital communication systems and platforms.
Nagan aboina Kushal	B19CN024	A Novel Deep Learning Model for Automatic Detection and Classification of Breast Cancer Using the Transfer Learning Technique	Artificial Intelligence and Machine Learning	SDG 3 – Good Health and Well-Being	SDG 3: Enables early and accurate breast cancer detection using AI, improving patient care and survival rates.



Vanamala Supriya	B19CN025	Malware Detection and Classification using Visualization Technique	Artificial Intelligence and Machine Learning	SDG 9 – Industry, Innovation and Infrastructure SDG 16 – Peace, Justice and Strong Institutions	SDG 9: Enhances cybersecurity of digital infrastructure through innovative malware detection techniques. SDG 16: Improves protection of digital systems, supporting safer and more trustworthy institutions.
Sanjana Sudheer Koneti	B19CN026	Data Collection and Path Determination Strategies for Mobile Sink in 3D WSNs.	Computer Networks	SDG 9 – Industry, Innovation and Infrastructure SDG 11 – Sustainable Cities and Communities	SDG 9: Optimizes advanced sensor network infrastructure for efficient data collection in smart and industrial systems. SDG 11: Supports smart city monitoring (traffic, environment, safety) through efficient 3D sensor network deployment.
Reethika Vaddi	B19CN027	A Machine Learning Based Classification and Prediction	Artificial Intelligence and Machine Learning	SDG 9 – Industry, Innovation and Infrastructure SDG 16 –	SDG 9: Protects critical digital infrastructure by detecting and predicting cyberattacks



		Technique for DDoS Attacks		Peace, Justice and Strong Institutions	using machine learning. SDG 16: Strengthens cybersecurity to ensure safer, reliable online systems for institutions and services.
Sameera Sineen	B19CN028	Real time network traffic analysis using apache spark to protect networks against attacks	Computer Networks	SDG 9 – Industry, Innovation and Infrastructure	SDG 9: Uses big-data analytics to secure and strengthen digital infrastructure against cyberattacks.
Talagani Anmol	B19CN029	Real time network traffic analysis using apache spark to protect networks against attacks	Computer Networks	SDG 9 – Industry, Innovation and Infrastructure	SDG 9: Uses big-data analytics to secure and strengthen digital infrastructure against cyberattacks.
Konda Vidheesha	B19CN031	Move to check manipulation in PUC Certification	Artificial Intelligence and Machine Learning	SDG 9 – Industry, Innovation and Infrastructure SDG 16 – Peace, Justice and Strong Institutions	SDG 9: Enhances cybersecurity of digital infrastructure through innovative malware detection techniques. SDG 16: Improves protection of digital systems, supporting safer and more

					trustworthy institutions.
Hanumandla Naga Shiva	B19CN03 2	A Novel spatial relational features generation using encoded geometry for character recognition	Artificial Intelligence and Machine Learning	SDG 9 – Industry, Innovation, and Infrastructure.	SDG 9-Novel spatial relational feature generation using encoded geometry advances intelligent character recognition systems, supporting innovation in digital technologies and automated infrastructure.
Kosana Vishnu Vardhan Reddy	B19CN03 3	Adaptive reliability mechanism for Cloud storage with Deduplication	Computer Networks	SDG 9 – Industry, Innovation, and Infrastructure.	SDG 9-An adaptive reliability mechanism for cloud storage with deduplication improves the efficiency, reliability, and scalability of modern digital infrastructure.
Bathini Srinija	B19CN03 4	Adaptive reliability mechanism for Cloud storage with Deduplication	Computer Networks	SDG 9 – Industry, Innovation and Infrastructure	SDC 9 -Improves protection of digital systems, supporting safer and more trustworthy institutions.

Adithi Rajashri Chitta	B19CN035	Data Collection and Path Determination Strategies for Mobile Sink in 3D WSNs.	Computer Networks	SDG 9 – Industry, Innovation, and Infrastructure.	SDG-9 Data collection and path determination strategies for mobile sinks in 3D WSNs enhance efficient, reliable, and innovative communication infrastructure for smart and industrial systems.
Vedantham Sree Niketan	B19CN036	A Machine Learning Based Classification and Prediction Technique for DDoS Attacks	Artificial Intelligence and Machine Learning	SDG 16 – Peace, Justice, and Strong Institutions.	SDG-16A machine learning-based classification and prediction technique for DDoS attacks strengthens cybersecurity, helping protect digital infrastructure and ensure stable, secure, and trustworthy institutions.
Goli Ananya Reddy	B19CN037	An Industrial Cloud Based IoT system for Real Time monitoring and controlling of Waste Water	Internet of Things	SDG 9 – Industry, Innovation, and Infrastructure.	An industrial cloud-based IoT system for real-time monitoring enables smart industrial operations through innovative, resilient, and



					efficient digital infrastructure.
Chekurthi Priyanka	B19CN038	Loan Eligibility Prediction using Gradient Boosting Classifier	Artificial Intelligence and Machine Learning	SDG 16 – Peace, Justice, and Strong Institutions.	SDG-16A machine learning-based classification and prediction technique for DDoS attacks strengthens cybersecurity, helping protect digital infrastructure and ensure stable, secure, and trustworthy institutions.
Nallella Mourya	B19CN039	Adaptive reliability mechanism for Cloud storage with Deduplication	Computer Networks	SDG 9 – Industry, Innovation and Infrastructure	SDG-9 Data collection and path determination strategies for mobile sinks in 3D WSNs enhance efficient, reliable, and innovative communication infrastructure for smart and industrial systems.
Ravula Nischitha	B19CN040	A dynamic IoT based deep learning approach to predict the rate of tourist attraction in smart city	Internet of Things	SDG 16 – Peace, Justice and Strong Institutions	SDG 16 (Peace, Justice and Strong Institutions) by strengthening future-proof digital security and protecting

					sensitive data against advanced cyber threats
Kolagani Manusri	B19CN04 1	A Novel Deep Learning Model for Automatic Detection and Classification of Breast Cancer Using the Transfer Learning Technique	Artificial Intelligence and Machine Learning	SDG 9 - Industry, Innovation and Infrastructure SDG 16 - Peace, Justice and Strong Institutions	SDG-16A machine learning-based classification and prediction technique for DDoS attacks strengthens cybersecurity, helping protect digital infrastructure and ensure stable, secure, and trustworthy institutions.
Shaista Fatima	B19CN04 2	An NLP approach to cluster and retrieve software components.	Artificial Intelligence and Machine Learning	SDG 9 - Industry, Innovation and Infrastructure SDG 16 - Peace, Justice and Strong Institutions	SDG-16A machine learning-based classification and prediction technique for DDoS attacks strengthens cybersecurity, helping protect digital infrastructure and ensure stable, secure, and trustworthy institutions.
Kolipaka Arjun Kumar	B19CN04 3	An automated resume screening system using natural language	Artificial Intelligence and Machine Learning	SDG 9 - Industry, Innovation and Infrastructure SDG 16 - Peace, Justice	SDG-16A machine learning-based classification and prediction technique for DDoS attacks

		processing and similarity		and Strong Institutions	strengthens cybersecurity, helping protect digital infrastructure and ensure stable, secure, and trustworthy institutions.
Gopala Sairithik	B19CN044	Adaptive reliability mechanism for Cloud storage with Deduplication	Computer Networks	SDG 9 – Industry, Innovation and Infrastructure	SDG-9 Data collection and path determination strategies for mobile sinks in 3D WSNs enhance efficient, reliable, and innovative communication infrastructure for smart and industrial systems.
Dudhani Balram Singh	B19CN045	Design and development of an Integrated monitoring system for forecasting detecting and preventing early pest in Agriculture using IoT and deep learning	Internet of Things	SDG 9 – Industry, Innovation and Infrastructure	SDG-9 Data collection and path determination strategies for mobile sinks in 3D WSNs enhance efficient, reliable, and innovative communication infrastructure for smart and industrial systems.



Kotha Karthik Reddy	B19CN04 6	Smart Healthcare: IoT Platform based on the integration of Intelligent Medicine Sensing	Internet of Things	SDG 3 – Good Health and Well-Being:	SDG-9 Data collection and path determination strategies for smart and advanced helathcare
Sravan Reddy Myakala	B19CN04 7	Finding Influential Users in Social Media using Association Rule Learning	Artificial Intelligence and Machine Learning	SDG 9 – Industry, Innovation and Infrastructure, SDG 16 – Peace, Justice and Strong Institutions	SDG-9 Data collection and path determination strategies for mobile sinks in 3D WSNs enhance efficient, reliable, and innovative communication infrastructure for smart and industrial systems.
Varakala Lokesh Kumar	B19CN04 8	Move to check manipulation in PUC Certification / Prediction of manipulatio n percentage in PUC certification for two and four wheeler vehicles	Artificial Intelligence and Machine Learning	SDG 9 – Industry, Innovation and Infrastructure SDG 16 – Peace, Justice and Strong Institutions	SDG-9 Data collection and path determination strategies for mobile sinks in 3D WSNs enhance efficient, reliable, and innovative communication infrastructure for smart and industrial systems.

Aishwarya Mallarapu	B19CN049	A Machine Learning Based Classification and Prediction Technique for DDoS Attacks	Artificial Intelligence and Machine Learning	SDG 9 – Industry, Innovation and Infrastructure SDG 16 – Peace, Justice and Strong Institutions	SDG-9 Data collection and path determination strategies for mobile sinks in 3D WSNs enhance efficient, reliable, and innovative communication infrastructure for smart and industrial systems.
Karukuri Ritheesh	B19CN050	A Machine Learning Based Classification and Prediction Technique for DDoS Attacks	Artificial Intelligence and Machine Learning	SDG 9 – Industry, Innovation and Infrastructure	SDG-9 Data collection and path determination strategies for mobile sinks in 3D WSNs enhance efficient, reliable, and innovative communication infrastructure for smart and industrial systems.
Sherla Saiteja	B19CN051	A Novel spatial relational features generation using encoded	Artificial Intelligence and Machine Learning	SDG 9 – Industry, Innovation and Infrastructure SDG 16 –	Novel spatial relational feature generation using encoded geometry advances

		geometry for character recognition		Peace, Justice and Strong Institutions	innovative character recognition and intelligent computing systems.
Damera Vasanth	B19CN05 2	A dynamic IoT based deep learning approach to predict the rate of tourist attraction in smart city	Internet of Things	SDG 8 – Decent Work and Economic Growth	SDG 8 – Decent Work and Economic Growth** A dynamic IoT-based deep learning approach to predict tourist attraction rates supports sustainable tourism, economic growth, and informed planning.
Kondru Ashray	B19CN05 3	An Industrial Cloud Based IoT system for Real Time monitoring and controlling of Waste Water	Internet of Things	SDG 9 – Industry, Innovation and Infrastructure SDG 11 – Sustainable Cities and Communities	SDG 11 – Sustainable Cities and Communities
Konda Srineesh	B19CN05 4	Malware Detection and Classification using Visualization Technique	Artificial Intelligence and Machine Learning	SDG 9 – Industry, Innovation and Infrastructure	SDG-9 Data collection and path determination strategies for mobile sinks in 3D WSNs enhance efficient, reliable, and innovative

					communication infrastructure for smart and industrial systems.
Kumm ari Harish	B19CN055	Malware Detection and Classification using Visualization Technique	Artificial Intelligence and Machine Learning	SDG 9 – Industry, Innovation and Infrastructure	SDG-9 Data collection and path determination strategies for mobile sinks in 3D WSNs enhance efficient, reliable, and innovative communication infrastructure for smart and industrial systems.
Nookal a Jagan Mohan Reddy	B19CN057	Smart Healthcare: IoT Platform based on the integration of Intelligent Medicine Sensing	Internet of Things	SDG 9 – Industry, Innovation and Infrastructure	SDG-9 Data collection and path determination strategies for smart and advanced helathcare
Emmadi Sudhishna	B19CN058	Smart Healthcare: IoT Platform based on the integration of Intelligent Medicine Sensing	Internet of Things	SDG 9 – Industry, Innovation and Infrastructure	SDG-9 Data collection and path determination strategies for smart and advanced helathcare
Islavath Pandu	B19CN059	An automated resume screening system using	Artificial Intelligence and	SDG 9 – Industry, Innovation and	SDG-9 Data collection and path determination

		natural language processing and similarity	Machine Learning	Infrastructure SDG 16 – Peace, Justice and Strong Institutions	strategies for innovative communication
Matteppally David Raj	B19CN060	Data Collection and Path Determination Strategies for Mobile Sink in 3D WSNs.	Computer Networks	SDG 9 – Industry, Innovation and Infrastructure SDG 11 – Sustainable Cities and Communities	SDG 9 – Industry, Innovation and Infrastructure Justification: Mobile sink-based data collection strategies in 3D WSNs enhance network efficiency, reliability, and advanced communication infrastructure. SDG 11 – Sustainable Cities and Communities: Efficient wireless sensing supports smart city monitoring and urban services.
Mohammed Maaz Ahmed	B20CN062L	A dynamic IoT based deep learning approach to predict the rate of tourist attraction in smart city	Internet of Things	SDG 11 – Sustainable Cities and Communities SDG 9 – Industry, Innovation and Infrastructure SDG 8 – Decent Work	SDG 11 – Sustainable Cities and Communities Justification: Using IoT and deep learning to predict tourist attraction rates helps cities manage crowds, infrastructure,

				and Economic Growth	and resources more efficiently, making tourism in smart cities sustainable. SDG 9 - Industry, Innovation and Infrastructure: Leverages advanced IoT and AI technologies for smart urban systems. SDG 8 - Decent Work and Economic Growth: Optimized tourism forecasting supports local economies and job creation through better planning.
Komati Sharath Chandra	B20CN06 3L	Move to check manipulation in PUC Certification / Prediction of manipulation percentage in PUC certification for two and four wheeler vehicles	Artificial Intelligence and Machine Learning	SDG 16 - Peace, Justice and Strong Institutions SDG 11 - Sustainable Cities and Communities SDG 13 - Climate Action	SDG 16 - Checking and predicting manipulation in PUC certification strengthens regulatory transparency, accountability, and enforcement against fraud. SDG 13 - Accurate PUC certification helps control vehicular

					emissions and supports climate change mitigation. SDG 11 - Reducing emission manipulation improves urban air quality and makes cities healthier and more sustainable.
Mohammad Khaja Pasha	B20CN06 4L	Smart Healthcare: IoT Platform based on the integration of Intelligent Medicine Sensing	Internet of Things	SDG 3 - Good Health and Well-Being SDG 9 - Industry, Innovation and Infrastructure	SDG 3 - An IoT-based smart healthcare platform enables continuous monitoring, early diagnosis, and improved patient care through intelligent medical sensing. SDG 9 - The integration of IoT and intelligent sensing promotes innovation in digital health infrastructure.
Gatla Vasanth	B20CN06 5L	Design and development of an Integrated monitoring system for forecasting detecting and preventing early pest in Agriculture	Internet of Things	SDG 9 - Industry, Innovation and Infrastructure SDG 2 - Zero Hunger	SDG 2 - Zero Hunger Justification: An integrated monitoring system for early pest detection and prevention helps protect crops and improve

		using IoT and deep learning			agricultural productivity. SDG 9 - Industry, Innovation and Infrastructure: Uses advanced monitoring and forecasting technologies for smart agriculture.
Parima la Rishi	B20CN06 6L	An NLP approach to cluster and retrieve software components.	Artificial Intelligence and Machine Learning	SDG 9 - Industry, Innovation and Infrastructure SDG 16 - Peace, Justice and Strong Institutions	SDG 16 - Checking and predicting manipulation in PUC certification strengthens regulatory transparency, accountability, and enforcement against fraud. SDG 13 - Accurate PUC certification helps control vehicular emissions and supports climate change mitigation. SDG 11 - Reducing emission manipulation improves urban air quality.
Sunkar i Nithish Reddy	B20CN06 7L	An NLP approach to cluster and retrieve	Artificial Intelligence and	SDG 9 - Industry, Innovation and	SDG 16 - Checking and predicting manipulation in



		software components.	Machine Learning	Infrastructure SDG 16 – Peace, Justice and Strong Institutions	PUC certification strengthens regulatory transparency, accountability, and enforcement against fraud. SDG 13 – Accurate PUC certification helps control vehicular emissions and supports climate change mitigation. SDG 11 – Reducing emission manipulation improves urban air quality.
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LIST OF PROJECT TITLES FOR THE ACADEMIC YEAR (2023 – 2024) B.TECH IV/IV CSN

Name of the Student(s)	Roll Numbers	Project Title	Areas of Specialization	SDGs Addressed	Justification
SATHVIK REDDY ANUMANDLA	B20CN001	Integration of IoT based routing process for food supply chain management in sustainable smart cities	IoT	SDG 9: Industry, Innovation and Infrastructure	Fog-based intelligent traffic analysis strengthens secure, efficient, and resilient digital communication infrastructure through advanced computing technologies.

PANDAY KOMAL	B20CN002	Imagination - Augmented Natural Language Understanding	AIML	SDG 9 – Industry, Innovation and Infrastructure	SDG 9- Augmented Natural Language Understanding advances artificial intelligence capabilities, driving innovation in digital technologies and intelligent systems.
DANNAPUNENI PRANAV	B20CN003	Detecting spammers on social networks	AIML	SDG 9: Industry, Innovation and Infrastructure	Strengthening big data security protects digital infrastructure and sensitive information, promoting trustworthy, transparent, and resilient institutions.
GOLKONDA DEEPA	B20CN004	Blockchain based resource allocation	Networks	SDG 9 – Industry, Innovation and Infrastructure	SDC 9 -Improves protection of digital systems, supporting safer and more trustworthy institutions.
Ekta Mittal	B20CN005	Mobile application to diagnose and recommend	Networks	SDG 9 – Industry, Innovation and Infrastructure	SDC 9 -Improves protection of digital systems, supporting safer and more

		solutions for skin disorders.			trustworthy institutions.
ANUSHA MANGALAPALLY	B20CN006	Integration of IoT based routing process for food supply chain management in sustainable smart cities	IoT	SDG 9: Industry, Innovation and Infrastructure	Fog-based intelligent traffic analysis strengthens secure, efficient, and resilient digital communication infrastructure through advanced computing technologies.
GARLAPATI KEERTHI	B20CN007	Predicting Genetic Disorder and Types of Disorder Using Chain Classifier Approach	AIML	SDG 3 – Good Health and Well-Being:	Predicting genetic disorders using a chain classifier approach enables early diagnosis and personalized healthcare, improving disease prevention and overall health outcomes.
ELUKANTI KARANIKA	B20CN008	Campus utility tokens to perform transactions within the college campus	Networks	SDG 9 – Industry, Innovation and Infrastructure:	Campus utility tokens enable secure, innovative digital transaction systems that modernize institutional financial infrastructure.

THAMMARA LAKSHMI GAYATHRI	B20CN00 9	Cyber Insights: Security for Big Data	Networks	SDG 9 – Industry, Innovation and Infrastructure:	SDG 9 – Industry, Innovation and Infrastructure:Big data security strengthens digital infrastructure by protecting large- scale data systems that support innovation and technological development
VONTERU PRANAY	B20CN01 0	Unsupervised Machine Learning for railways to enhance safety and risk management	AIML	SDG 9 – Industry, Innovation and Infrastructure	Applying machine learning to railway systems improves infrastructure reliability, operational safety, and innovation in transport networks.
MULAKALA SATHWIKA	B20CN01 1	Cyber Insights: Security for Big Data	Networks	SDG 9 – Industry, Innovation and Infrastructure	SDC 9 -Improves protection of digital systems, supporting safer and more trustworthy institutions.
PADIDALA RISHMATH RAO	B20CN01 2	Cyber Insights: Security for Big Data	Networks	SDG 9 – Industry, Innovation	SDC 9 -Improves protection of digital systems, supporting safer

				and Infrastructure	and more trustworthy institutions.
SAINI MANISH KUMAR	B20CN013	Architectural framework for privacy preservation and healthcare monitoring in smart city using IoT	IoT	SDG 9: Industry, Innovation and Infrastructure	Fog-based intelligent traffic analysis strengthens secure, efficient, and resilient digital communication infrastructure through advanced computing technologies.
KOMPELLA NAGA AKSHAYA	B20CN014	Mobile application to diagnose and recommend solutions for skin disorders.	Networks	SDG 9 – Industry, Innovation and Infrastructure	SDC 9 -Improves protection of digital systems, supporting safer and more trustworthy institutions.
RUFUS PAUL KUNAMALLA	B20CN016	Integration of IoT based routing process for food supply chain	IoT	SDG 9: Industry, Innovation and Infrastructure	Fog-based intelligent traffic analysis strengthens secure, efficient, and resilient



		management in sustainable smart cities			digital communication infrastructure through advanced computing technologies.
ALAKUNTA LAVA KUMAR	B20CN01 7	CNN driven self- supervised EEG analysis on emotions	AIML	SDG 3 – Good Health and Well-Being	SDG-9 Data collection and path determination strategies for smart and advanced helathcare
KADARI ROHITH JOHAR	B20CN01 8	Security using Post Quantum Cryptography	Networks	SDG 9 – Industry, Innovation and Infrastructure	SDC 9 -Improves protection of digital systems, supporting safer and more trustworthy institutions.
A AKHILENDRA	B20CN01 9	A broad learning driven network traffic analysis using fog computing paradigm	Networks	SDG 9 – Industry, Innovation and Infrastructure	SDC 9 -Improves protection of digital systems, supporting safer and more trustworthy institutions.
PORANDLA SRISHANTH	B20CN02 0	Early Diagnosis of Breast Cancer Using Image Processing Techniques	AIML	SDG 3 – Good Health and Well-Being	SDG-9 Data collection and path determination strategies for smart and advanced helathcare

GADDAMANENI NIKHIL	B20CN02 1	Predicting Genetic Disorder and Types of Disorder Using Chain Classifier Approach	AIML	SDG 3 – Good Health and Well-Being	SDG 3 – Predicting genetic disorders enables early diagnosis, prevention, and better clinical decision-making to improve overall health outcomes.
SAMPELLI KEERTHAN RAO	B20CN02 2	Energy efficiency aware application placement in Fog environment	Networks	SDG 9 – Industry, Innovation and Infrastructure	SDC 9 -Improves protection of digital systems, supporting safer and more trustworthy institutions.
MOOD KIRAN	B20CN02 3	Architectural framework for privacy preservation and healthcare monitoring in smart city using IoT	IoT	SDG 3 – Good Health and Well-Being	SDG-9 Data collection and path determination strategies for smart and advanced helathcare
GUNDAGANI SHIVANI	B20CN02 4	Imagination - Augmented Natural Language Understandin g	AIML	SDG 9 – Industry, Innovation and Infrastructure	SDG 9- Augmented Natural Language Understanding advances artificial intelligence capabilities, driving innovation in

					digital technologies and intelligent systems.
ANAPOTHULA SADHANA	B20CN02 5	Early Diagnosis of Breast Cancer Using Image Processing Techniques	AIML	SDG 3 – Good Health and Well-Being	SDG-9 Data collection and path determination strategies for smart and advanced helathcare
BALMURI ANIRUDH	B20CN02 6	Architectural framework for privacy preservation and healthcare monitoring in smart city using IoT	IoT	SDG 9 – Industry, Innovation and Infrastructure:	SDG 9 – Industry, Innovation and Infrastructure:
GUDISE HRISHIKESH YADAV	B20CN02 7	Predicting Genetic Disorder and Types of Disorder Using Chain Classifier Approach	AIML	SDG 3 – Good Health and Well-Being	SDG-9 Data collection and path determination strategies for smart and advanced helathcare
MOHAMMAD ATIF ANSARI	B20CN02 8	Security using Post Quantum Cryptography	Networks	SDG 9 – Industry, Innovation and Infrastructure	SDC 9 -Improves protection of digital systems, supporting safer and more trustworthy institutions.
SURYADEVARA LAXMI	B20CN02 9	Energy efficiency aware application	Networks	SDG 9 – Industry, Innovation	Fog-based intelligent traffic analysis strengthens

		placement in Fog environment		and Infrastructure	secure, efficient, and resilient digital communication infrastructure through advanced computing technologies.
AKHILA EDLA	B20CN030	Detecting spammers on social networks	Networks	SDG 9 – Industry, Innovation and Infrastructure	SDC 9 -Improves protection of digital systems, supporting safer and more trustworthy institutions.
KONDAPAKA SURYA DEEPAK	B20CN031	Development of a smart sensing unit for LoRa WAN based IoT flood monitoring and warning system	IoT	SDG 9: Industry, Innovation and Infrastructure	Fog-based intelligent traffic analysis strengthens secure, efficient, and resilient digital communication infrastructure through advanced computing technologies.
KARNATAKA SAI KUMAR	B20CN032	Campus utility tokens to perform transactions within the college campus	Networks	SDG 9 – Industry, Innovation and Infrastructure	SDC 9 -Improves protection of digital systems, supporting safer and more trustworthy institutions.

GUDA GAYATHRI LAXMI	B20CN03 3	A broad learning driven network traffic analysis using fog computing paradigm	Networks	SDG 9 – Industry, Innovation and Infrastructure	SDC 9 -Improves protection of digital systems, supporting safer and more trustworthy institutions
GANDU DEEPTHI CHANDRA	B20CN03 4	Detecting spammers on social networks	Networks	SDG 16 – Peace, Justice and Strong Institutions	Detecting spammers helps reduce misinformation, fraud, and online abuse, strengthening trust, safety, and accountability in digital public space
NOMULA SHREEYA	B20CN03 5	Development of a smart sensing unit for LoRa WAN based IoT flood monitoring and warning system	IoT	SDG 13 – Climate ActionSDG 11 – Sustainable Cities and Communities, as it improves urban disaster preparedness and public safety.	The system supports climate-resilience by enabling early flood detection and warnings, reducing disaster risk and climate-related losses.
KATARI RUPASRI	B20CN03 6	Cyber Insights: Security for Big Data	Networks	SDG 9 – Industry, Innovation and Infrastructure, by ensuring secure and reliable digital innovation.SD G 16 – Peace, Justice and	Strengthening big data security protects digital infrastructure and sensitive information, promoting trustworthy, transparent, and resilient institutions.



				Strong Institutions	
RAYABANDI AMULYA	B20CN03 7	Unsupervised Machine Learning for railways to enhance safety and risk management	AIML	SDG 9 – Industry, Innovation and Infrastructure SDG 11 – Sustainable Cities and Communities, by enabling safer and more resilient public transportation systems.	Applying machine learning to railway systems improves infrastructure reliability, operational safety, and innovation in transport networks.
MOHAMMED TAQIUDDIN	B20CN03 8	Blockchain based resource allocation	Networks	SDG 12 – Responsible Consumption and Production SDG 9 – Industry, Innovation and Infrastructure, by leveraging advanced digital technologies for efficient systems.	Blockchain enables transparent and efficient resource allocation, reducing waste and promoting responsible and sustainable use of resources.
CHINTHALA SINDHUJA	B20CN03 9	Unsupervised Machine Learning for railways to enhance safety and risk management	AIML	SDG 9 – Industry, Innovation and Infrastructure SDG 11 – Sustainable Cities and Communities,	Unsupervised machine learning enhances railway infrastructure by detecting anomalies and risks early, improving safety

				by supporting safer and more resilient public transportation .	and operational reliability.
A L N SAI SRIPAD	B20CN040	Security using Post Quantum Cryptography	Networks	SDG 16 – Peace, Justice and Strong Institutions SDG 9 – Industry, Innovation and Infrastructure, by advancing secure next-generation technologies.	Post-quantum cryptography safeguards digital systems against future quantum threats, ensuring long-term security, trust, and resilience of institutions.
THIKKA PREETHIKA	B20CN041	Development of a smart sensing unit for LoRa WAN based IoT flood monitoring and warning system	IoT	SDG 11: Sustainable Cities and Communities	IoT-based flood monitoring and early warning systems enhance urban disaster resilience and protect communities from climate-related risks.
YELISETTY ABHI CHARAN	B20CN042	CNN driven self-supervised EEG analysis on emotions	AIML	SDG 3: Good Health and Well-Being	Advanced EEG emotion analysis supports mental health assessment and neurological well-being through intelligent, non-invasive healthcare technologies.



BOLLENA RISHIKA	B20CN04 3	Energy efficiency aware application placement in Fog environment	Networks	SDG 7: Affordable and Clean Energy	SDG 7: Energy-aware fog application placement reduces power consumption and improves efficient use of energy in distributed computing systems.
POGAKU SAI VARSHINI	B20CN04 4	Blockchain based resource allocation	Networks	SDG 9: Industry, Innovation and Infrastructure	SDG 9: Blockchain enables secure, transparent, and efficient allocation of resources, strengthening digital infrastructure and driving technological innovation.
RAKSHITHA YELTHURI	B20CN04 5	Mobile application to diagnose and recommend solutions for skin disorders.	Networks	SDG 3: Good Health and Well-Being	A mobile diagnostic app improves early detection and accessible treatment of skin disorders, promoting better health outcomes.
JANAGAM HARIVISHNU	B20CN04 6	Campus utility tokens to perform transactions within the college campus	Networks	SDG 9: Industry, Innovation and Infrastructure	Campus utility tokens enable secure digital transactions and smart financial infrastructure, fostering innovation in

					institutional ecosystems.
DEMULA GOUTHAM	B20CN04 7	A broad learning driven network traffic analysis using fog computing paradigm	Networks	SDG 9: Industry, Innovation and Infrastructure	Fog-based intelligent traffic analysis strengthens secure, efficient, and resilient digital communication infrastructure through advanced computing technologies.
DHARIPELLI ANIL VARMA	B20CN04 8	CNN driven self-supervised EEG analysis on emotions	AIML	SDG 3 – Good Health and Well-Being	SDG-9 Data collection and path determination strategies for smart and advanced healthcare
RITHVIK PILLI	B20CN04 9	Development of a smart sensing unit for LoRa WAN based IoT flood monitoring and warning system	IoT	SDG 9: Industry, Innovation and Infrastructure	Fog-based intelligent traffic analysis strengthens secure, efficient, and resilient digital communication infrastructure through advanced computing technologies.
PONNALA VARSHINI	B20CN05 0	Campus utility tokens to perform transactions	Networks	SDG 9: Industry, Innovation	SDC 9 -Improves protection of digital systems, supporting safer

		within the college campus		and Infrastructure	and more trustworthy institutions.
GANGARAPU AKHIL KUMAR	B20CN05 1	Architectural framework for privacy preservation and healthcare monitoring in	IoT	SDG 3 – Good Health and Well-Being	SDG-9 Data collection and path determination strategies for smart and advanced helathcare
KOLUGURI SHIVANI	B20CN05 2	Integration of IoT based routing process for food supply chain management in sustainable smart cities	IoT	SDG 9: Industry, Innovation and Infrastructure	Fog-based intelligent traffic analysis strengthens secure, efficient, and resilient digital communication infrastructure through advanced computing technologies.
SAI SUGATHRI BULUSU	B20CN05 3	CNN driven self-supervised EEG analysis on emotions	AIML	SDG 3 – Good Health and Well-Being	SDG-9 Data collection and path determination strategies for smart and advanced helathcare
SANDI SHIVANI	B20CN05 4	Detecting spammers on social networks	AIML	SDG 9: Industry, Innovation and Infrastructure	Strengthening big data security protects digital infrastructure and sensitive information,

					promoting trustworthy, transparent, and resilient institutions.
MALOTH AKSHAYA	B20CN05 5	Predicting Genetic Disorder and Types of Disorder Using Chain Classifier Approach	AIML	SDG 3 – Good Health and Well-Being	SDG-9 Data collection and path determination strategies for smart and advanced helathcare
SHIVA TEJA SHANUM	B20CN05 6	Security using Post Quantum Cryptography	Networks	SDG 9 – Industry, Innovation and Infrastructure	SDC 9 -Improves protection of digital systems, supporting safer and more trustworthy institutions.
AISHWARYALA XMI UMESH IRABATTI	B20CN05 7	Early Diagnosis of Breast Cancer Using Image Processing Techniques	AIML	SDG 3 – Good Health and Well-Being	SDG-9 Data collection and path determination strategies for smart and advanced helathcare
THOKALA AISHWARYA	B20CN05 8	Unsupervised Machine Learning for railways to enhance safety and risk management	AIML	SDG 9: Industry, Innovation and Infrastructure	Applying machine learning to railway systems improves infrastructure reliability, operational safety, and innovation in transport networks.

KORUKONDA AKSHITHA	B20CN05 9	Energy efficiency aware application placement in Fog environment	Networks	SDG 9: Industry, Innovation and Infrastructure	Fog-based intelligent traffic analysis strengthens secure, efficient, and resilient digital communication infrastructure through advanced computing technologies.
JATOTH HARSHA VARDHAN RATHOD	B20CN06 0	Mobile application to diagnose and recommend solutions for skin disorders.	Networks	SDG 3 – Good Health and Well-Being	SDG-9 Data collection and path determination strategies for smart and advanced helathcare
MOHAMMED IDRIS TURABI	B21CN06 1L	Blockchain based resource allocation	Networks	SDG 9: Industry, Innovation and Infrastructure - SDG 16: Peace, Justice and Strong Institutions	- SDG 9: Industry, Innovation and Infrastructure – Blockchain-based resource allocation fosters innovation by creating transparent, efficient, and resilient digital infrastructure. SDG 16: Peace, Justice and Strong Institutions – Ensures fairness and accountability in resource

					distribution through secure, tamper-proof blockchain systems.
DABBETA SHARANYA	B21CN06 2L	A broad learning driven network traffic analysis using fog computing paradigm	Networks	SDG 9 – Industry, Innovation and Infrastructure	SDG 9- The topic focuses on innovative computing infrastructure (fog computing) to enhance network traffic analysis, directly supporting technological innovation and resilient digital infrastructure.
CHILAGANI PAVANSAI	B21CN06 3L	Early Diagnosis of Breast Cancer Using Image Processing Techniques	AIML	SDG 3 – Good Health and Well-Being	SDG 3-Early breast cancer diagnosis using image processing improves disease detection and treatment outcomes, directly supporting better healthcare and reduced mortality.
VASHAPAKA PRABHU KIRAN	B21CN06 4L	Mobile application to diagnose and recommend solutions for skin disorders.	Networks	SDG 3 – Good Health and Well-Being	SDG 3- A mobile app for diagnosing and recommending treatments for skin disorders improves access to healthcare, enables early



					detection, and supports overall well-being.
UDUGULA NAGAMANI	B21CN06 5L	Imagination - Augmented Natural Language Understanding	AIML	SDG 9 - Industry, Innovation and Infrastructure	SDG 9- Augmented Natural Language Understanding advances artificial intelligence capabilities, driving innovation in digital technologies and intelligent systems.