

Initiatives and Implementation of Sustainable Development Goals (SDGs)

KITS Warangal

Department Name: Computer Science & Engineering (Networks)

Student Projects Linked to SDGs

SDG MAPPING FOR MAJOR PROJECTS AY 24-25					
S.No	RollNo	Student Name	Project Title	SDG ADDRESSED	JUSTIFICATION
1	B21CN030	BURUGUCHANAKYA	A study on Image Classification based on Deep Learning and Tensor flow	SDG 4, SDG 9	Enhances learning and research in deep learning while promoting innovation in intelligent computing systems.
2	B21CN024	KALVAMUKESH		SDG 4, SDG 9	Enhances learning and research in deep learning while promoting innovation in intelligent computing systems.
3	B21CN011	AZMEERARAJENDER		SDG 4, SDG 9	Enhances learning and research in deep learning while promoting innovation in intelligent computing systems.
4	B21CN055	ZOYASHAFEEEN		SDG 4, SDG 9	Enhances learning and research in deep learning while promoting innovation in intelligent computing systems.
1	B21CN032	CHITTIMALLAKEERTHA NA	Optimizing e-KYC Process Using Distributed Ledger Technology and Smart Contracts	SDG 9	Promotes secure, transparent, and innovative digital infrastructure using blockchain technology.
2	B22CN065L	SUDULASRIRAMREDDY		SDG 9	Promotes secure, transparent, and innovative digital infrastructure using blockchain technology.
3	B22CN070L	LINGABATHINISRUJANK UMAR		SDG 9	Promotes secure, transparent, and innovative digital infrastructure using blockchain technology.
4	B21CN049	GAJJI ARAVIND		SDG 9	Promotes secure, transparent, and innovative digital



					infrastructure using blockchain technology.
1	B21CN017	AMEENASABIHAANJUM	Prediction of student exam performance using data mining classification algorithms	SDG 4, SDG 9	Supports quality education through learning analytics and intelligent decision-support systems.
2	B21CN008	PARAMKUSHAMPRATEETH		SDG 4, SDG 9	Supports quality education through learning analytics and intelligent decision-support systems.
3	B22CN067L	MOHAMMEDFARNASALI MUDABBIR		SDG 4, SDG 9	Supports quality education through learning analytics and intelligent decision-support systems.
4	B21CN029	ARELLIPRETAM		SDG 4, SDG 9	Supports quality education through learning analytics and intelligent decision-support systems.
1	B21CN048	SOMASNEHA	Phishing Detection System Through Hybrid Machine Learning Based on URL	SDG 9, SDG 11	Enhances cybersecurity and digital safety within smart and connected communities.
2	B21CN036	RACHARLAMANI KANTA		SDG 9, SDG 11	Enhances cybersecurity and digital safety within smart and connected communities.
3	B21CN064	KATTASUBHASH		SDG 9, SDG 11	Enhances cybersecurity and digital safety within smart and connected communities.
4	B21CN061	VANARASHIVARSHA		SDG 9, SDG 11	Enhances cybersecurity and digital safety within smart and connected communities.

1	B21CN052	NIMISHAKAVISRIRATHN A	Improving Intrusion Detection Performance using machine learning techniques	SDG 9, SDG 11	Strengthens secure and resilient network infrastructure for smart systems.
2	B21CN028	MATETISAKETH		SDG 9, SDG 11	Strengthens secure and resilient network infrastructure for smart systems.
3	B21CN038	MATTEPALLIRISHI		SDG 9, SDG 11	Strengthens secure and resilient network infrastructure for smart systems.
4	B21CN002	KOTHIDEEPAKSAI		SDG 9, SDG 11	Strengthens secure and resilient network infrastructure for smart systems.
1	B21CN031	KANDUKURIVAIDEHI	An Enhanced AI-Based Network Intrusion Detection System Using Generative Adversarial Networks	SDG 9, SDG 11	Improves intelligent cybersecurity mechanisms for smart digital infrastructure.
2	B21CN022	KALIGOTLANALINCHAN DRARAO		SDG 9, SDG 11	Improves intelligent cybersecurity mechanisms for smart digital infrastructure.
3	B21CN059	MOHAMMEDATAURRAH MAN		SDG 9, SDG 11	Improves intelligent cybersecurity mechanisms for smart digital infrastructure.
4	B21CN045	JUNURISATWIKI		SDG 9, SDG 11	Improves intelligent cybersecurity mechanisms for smart digital infrastructure.
5	B21CN018	GUNTISRIKANTH		SDG 9, SDG 11	Improves intelligent cybersecurity mechanisms for smart digital infrastructure.
1	B21CN003	THOKALAVAMSHIDHAR REDDY	Internet of Video Things: Next-Generation	SDG 9, SDG 11	Supports smart city infrastructure through intelligent IoT-based visual sensing systems.

2	B21CN020	KANAPARTHISADVIKA	IoT With Visual Sensors	SDG 9, SDG 11	Supports smart city infrastructure through intelligent IoT-based visual sensing systems.
3	B21CN051	PAIKIRALAVINEEL		SDG 9, SDG 11	Supports smart city infrastructure through intelligent IoT-based visual sensing systems.
4	B21CN033	JINUGURAGHUVARDHAN REDDY		SDG 9, SDG 11	Supports smart city infrastructure through intelligent IoT-based visual sensing systems.
1	B21CN041	LOKINISWATHI	Integrating Machine Learning and Mathematical optimization for job shop scheduling	SDG 9	Enhances industrial efficiency through intelligent optimization techniques.
2	B21CN010	SANIA FIRDOSE		SDG 9	Enhances industrial efficiency through intelligent optimization techniques.
3	B21CN026	RAJANALAVANDANKUMAR		SDG 9	Enhances industrial efficiency through intelligent optimization techniques.
4	B21CN053	SAISWARYA SANDHYA		SDG 9	Enhances industrial efficiency through intelligent optimization techniques.
1	B21CN016	GANREDDYSANJANA REDDY	Predicting at-Risk Students at Different Percentages of Course Length for Early Intervention Using Machine Learning Models	SDG 4	Supports early academic intervention and improves educational outcomes.
2	B21CN054	DEVIKAYERRAM		SDG 4	Supports early academic intervention and improves educational outcomes.
3	B22CN069L	DOMAKONDAAPOORVA		SDG 4	Supports early academic intervention and improves educational outcomes.
4	B21CN039	MODEMNIKHIL		SDG 4	Supports early academic intervention and improves educational outcomes.

1	B21CN019	RAMADASUAMITHA	Exploratory Analysis of Geo locational Data	SDG 11, SDG 9	Supports data-driven urban planning and smart city development.
2	B21CN004	TADAABHINAYREDDY		SDG 11, SDG 9	Supports data-driven urban planning and smart city development.
3	B21CN025	DONGARISREE VYSHNAVI		SDG 11, SDG 9	Supports data-driven urban planning and smart city development.
4	B21CN047	THOUTAMHARINI		SDG 11, SDG 9	Supports data-driven urban planning and smart city development.

1	B21CN005	POLAMPALLISARAYU	Integrating Multidimensional Data for Student Behavioural Engagement in Blended Learning Environments	SDG 4	Enhances personalized learning and student engagement in education systems.
2	B21CN009	PINDINEETHUSREE		SDG 4	Enhances personalized learning and student engagement in education systems.
3	B21CN046	GOPALAAKSHAYA		SDG 4	Enhances personalized learning and student engagement in education systems.
4	B21CN023	KOLIPAKAANJANI		SDG 4	Enhances personalized learning and student engagement in education systems.
1	B21CN044	GANDUSATHWIKA	Implementation of quantum resistant blockchain	SDG 9	Strengthens future-ready secure digital infrastructure using quantum-resistant technologies.
2	B21CN062	PALLEANOOHYA		SDG 9	Strengthens future-ready secure digital infrastructure using quantum-resistant technologies.

3	B21CN058	KURREVINAYPRABHATH	Smart Contract Based Data Trading Mode Using Block chain and Machine Learning	SDG 9	Strengthens future-ready secure digital infrastructure using quantum-resistant technologies.
4	B21CN043	PULISATHVIKREDDY		SDG 9	Strengthens future-ready secure digital infrastructure using quantum-resistant technologies.
1	B21CN042	NELAPATLASANVIREDDY		SDG 9	Promotes secure and intelligent digital marketplaces using emerging technologies.
2	B21CN007	MEKALARAHUL		SDG 9	Promotes secure and intelligent digital marketplaces using emerging technologies.
3	B21CN012	NALIVELANITHIN	Energy-efficiency and sustainability in new generation cloud computing: A vision and directions for integrated management of data center resources and workloads	SDG 9	Promotes secure and intelligent digital marketplaces using emerging technologies.
4	B21CN006	ARURIBHARATH		SDG 9	Promotes secure and intelligent digital marketplaces using emerging technologies.
1	B21CN014	YAKKALURIPALLAVI		SDG 9, SDG 11	Promotes sustainable data center management and energy-efficient infrastructure.
2	B21CN001	MADISHETTYCHAKRADHAR		SDG 9, SDG 11	Promotes sustainable data center management and energy-efficient infrastructure.
3	B21CN035	SAMUDRALAMAHENDAR		SDG 9, SDG 11	Promotes sustainable data center management and energy-efficient infrastructure.
4	B21CN040	DONTHULAVISHNU VARDHAN		SDG 9, SDG 11	Promotes sustainable data center management and

				energy-efficient infrastructure.
5	B21CN063	GOLLESIRI	SDG 9, SDG 11	Promotes sustainable data center management and energy-efficient infrastructure.

SDG MAPPING FOR MAJOR PROJECTS AY 23_24

<u>S.No</u>	Roll No	Name of Student(s)	Project Title	SDG Addressed	Justification
1	B20CN001	SATHVIK REDDY ANUMANDLA	Integration of IoT based routing process for food supply chain management in sustainable smart cities	SDG 9, SDG 11	Supports smart infrastructure and sustainable urban food supply systems through IoT-based optimization.
2	B20CN002	PANDAY KOMAL	Imagination-Augmented Natural Language Understanding	SDG 4, SDG 9	Enhances intelligent learning systems and advances AI innovation in language technologies.
3	B20CN003	DANNAPUNENI PRANAV	Detecting spammers on social networks	SDG 9, SDG 11	Improves secure digital communication platforms essential for smart and connected communities.
4	B20CN004	GOLKONDA DEEPA	Blockchain based resource allocation	SDG 9	Promotes innovation in decentralized and efficient digital infrastructure using blockchain.
5	B20CN005	EKTA MITTAL	Mobile application to diagnose and recommend solutions for skin disorders	SDG 3, SDG 9	Supports early health diagnosis and improves access to digital healthcare solutions.
6	B20CN006	ANUSHA MANGALAPELLY	Integration of IoT based routing process for food supply chain management in sustainable smart cities	SDG 9, SDG 11	Strengthens smart city logistics and sustainable infrastructure through IoT.

7	B20CN007	GARLAPATI KEERTHI	Predicting Genetic Disorder and Types of Disorder Using Chain Classifier Approach	SDG 3, SDG 9	Aids early disease prediction using advanced machine learning in healthcare.
8	B20CN008	ELUKANTI KARANIKA	Campus utility tokens to perform transactions within the college campus	SDG 4, SDG 9	Encourages digital campus ecosystems and innovative financial technologies in education.
9	B20CN009	THAMMARA LAKSHMI GAYATHRI	Cyber Insights: Security for Big Data	SDG 9, SDG 11	Enhances data security frameworks crucial for smart urban digital systems.
10	B20CN010	VONTERU PRANAY	Unsupervised Machine Learning for railways to enhance safety and risk management	SDG 9, SDG 11	Improves transportation safety and intelligent infrastructure in urban systems.
11	B20CN011	MULAKALA SATHWIKA	Cyber Insights: Security for Big Data	SDG 9	Strengthens resilient digital infrastructure through big data security solutions.
12	B20CN012	PADIDALA RISHMATH RAO	Cyber Insights: Security for Big Data	SDG 9	Supports secure data handling and advanced cybersecurity infrastructure.
13	B20CN013	SAINI MANISH KUMAR	Architectural framework for privacy preservation and healthcare monitoring in smart city using IoT	SDG 3, SDG 11	Enables continuous healthcare monitoring and privacy-aware smart city services.
14	B20CN014	KOMPELLA NAGA AKSHAYA	Mobile application to diagnose and recommend solutions for skin disorders	SDG 3, SDG 9	Enhances healthcare accessibility using mobile and intelligent technologies.
15	B20CN015	GANTA PRAHARSHITHA	Imagination- Augmented Natural Language Understanding	SDG 4, SDG 9	Advances AI-based learning tools and innovative language processing systems.
16	B20CN016	RUFUS PAUL KUNAMALLA	Integration of IoT based routing process for food supply chain management in sustainable smart cities	SDG 9, SDG 11	Optimizes food logistics and supports sustainable smart city infrastructure.

17	B20CN017	ALAKUNTA LAVA KUMAR	CNN driven self-supervised EEG analysis on emotions	SDG 3, SDG 9	Supports mental health assessment through intelligent biomedical signal analysis.
18	B20CN018	KADARI ROHITH JOHAR	Security using Post Quantum Cryptography	SDG 9	Enhances future-ready secure digital infrastructure against quantum threats.
19	B20CN019	A AKHILENDRA	Broad learning driven network traffic analysis using fog computing	SDG 9, SDG 11	Improves network reliability for smart city and edge computing environments.
20	B20CN020	PORANDLA SRISHANTH	Early Diagnosis of Breast Cancer Using Image Processing Techniques	SDG 3, SDG 9	Facilitates early cancer detection through medical image analytics.
21	B20CN021	GADDAMANENI NIKHIL	Predicting Genetic Disorder and Types of Disorder Using Chain Classifier Approach	SDG 3, SDG 9	Enables preventive healthcare through predictive analytics.
22	B20CN022	SAMPELLI KEERTHAN RAO	Energy efficiency aware application placement in Fog environment	SDG 9, SDG 11	Optimizes energy-efficient computing for smart urban infrastructure.
23	B20CN023	MOOD KIRAN	Architectural framework for privacy preservation and healthcare monitoring in smart city using IoT	SDG 3, SDG 11	Integrates healthcare services within secure smart city ecosystems.
24	B20CN024	GUDA SHIVANI	Imagination-Augmented Natural Language Understanding	SDG 4, SDG 9	Enhances intelligent learning and AI-based language applications.
25	B20CN025	ANAPOTHULA SADHANA	Early Diagnosis of Breast Cancer Using Image Processing Techniques	SDG 3	Improves health outcomes through early disease detection.
26	B20CN026	BALMURI ANIRUDH	Architectural framework for privacy preservation and healthcare monitoring in smart city using IoT	SDG 3, SDG 11	Supports secure healthcare monitoring in smart urban environments.

27	B20CN027	GUDISE HRISHIKESH YADAV	Predicting Genetic Disorder and Types of Disorder Using Chain Classifier Approach	SDG 3, SDG 9	Strengthens predictive healthcare using intelligent algorithms.
28	B20CN028	MOHAMMAD ATIF ANSARI	Security using Post Quantum Cryptography	SDG 9	Advances secure and resilient digital infrastructure.
29	B20CN029	SURYADEVARA LAXMI	Energy efficiency aware application placement in Fog environment	SDG 9, SDG 11	Supports sustainable computing for smart cities.
30	B20CN030	AKHILA EDLA	Detecting spammers on social networks	SDG 9, SDG 11	Enhances trustworthy online platforms for digital communities.
31	B20CN031	KONDAPAKA SURYA DEEPAK	Smart sensing unit for LoRaWAN based IoT flood monitoring	SDG 11, SDG 9	Improves disaster resilience and smart urban safety systems.
32	B20CN032	KARNATAKA SAI KUMAR	Campus utility tokens for transactions	SDG 4, SDG 9	Promotes digital transformation within educational institutions.
33	B20CN033	GUDA GAYATHRI LAXMI	Network traffic analysis using fog computing	SDG 9	Enhances intelligent network infrastructure.
34	B20CN034	GANDU DEEPTHI CHANDRA	Detecting spammers on social networks	SDG 9, SDG 11	Supports safe digital communication in urban societies.
35	B20CN035	NOMULA SHREEYA	IoT flood monitoring and warning system	SDG 11, SDG 9	Enhances disaster preparedness and smart city resilience.
36	B20CN036	KATARI RUPASRI	Cyber Insights: Security for Big Data	SDG 9	Strengthens data-driven infrastructure security.
37	B20CN037	RAYABANDI AMULYA	Unsupervised ML for railways safety	SDG 9, SDG 11	Improves transportation safety and urban mobility.
38	B20CN038	MOHAMMED TAQUIDDIN	Blockchain based resource allocation	SDG 9	Promotes innovative and decentralized infrastructure solutions.
39	B20CN039	CHINTHALA SINDHUJA	Unsupervised ML for railways safety	SDG 9, SDG 11	Enhances railway safety and smart transport systems.
40	B20CN040	A L N SAI SRIPAD	Security using Post Quantum Cryptography	SDG 9	Advances secure digital systems for future technologies.

41	B20CN041	THIKKA PREETHIKA	IoT flood monitoring and warning system	SDG 11	Improves urban disaster management and resilience.
42	B20CN042	YELISETTY ABHI CHARAN	CNN driven EEG analysis on emotions	SDG 3, SDG 9	Supports mental health analytics through AI.
43	B20CN043	BOLLENA RISHIKA	Energy efficiency aware application placement in Fog	SDG 9, SDG 11	Encourages sustainable computing in smart cities.
44	B20CN044	POGAKU SAI VARSHINI	Blockchain based resource allocation	SDG 9	Enhances efficiency in digital infrastructure.
45	B20CN045	RAKSHITHA YELTHURI	Mobile app for skin disorder diagnosis	SDG 3	Improves healthcare accessibility via mobile solutions.
46	B20CN046	JANAGAM HARIVISHNU	Campus utility tokens	SDG 4, SDG 9	Supports digital innovation in academic environments.
47	B20CN047	VEMULA GOUTHAM	Network traffic analysis using fog computing	SDG 9	Improves intelligent networking infrastructure.
48	B20CN048	DHARIPELLI ANIL VARMA	CNN driven EEG analysis on emotions	SDG 3, SDG 9	Aids emotional health assessment through AI.
49	B20CN049	RITHVIK PILLI	IoT flood monitoring and warning system	SDG 11	Strengthens smart city disaster preparedness.
50	B20CN050	PONNALA VARSHINI	Campus utility tokens	SDG 4, SDG 9	Encourages cashless and digital campus ecosystems.
51	B20CN051	GANGARAPU AKHIL KUMAR	Privacy-preserving healthcare monitoring using IoT	SDG 3, SDG 11	Enables secure healthcare services within smart cities.
52	B20CN052	KOLUGURI SHIVANI	Integration of IoT based routing process for food supply chain management in sustainable smart cities	SDG 9, SDG 11	Supports smart city infrastructure and sustainable food supply chain optimization using IoT technologies.
53	B20CN053	SAI SUGATHRI BULUSU	CNN driven self-supervised EEG analysis on emotions	SDG 3, SDG 9	Enables intelligent analysis of emotional and mental health using advanced AI techniques.
54	B20CN054	SANDI SHIVANI	Detecting spammers on social networks	SDG 9, SDG 11	Enhances security and reliability of digital communication platforms in smart communities.

55	B20CN055	MALOTH AKSHAYA	Predicting Genetic Disorder and Types of Disorder Using Chain Classifier Approach	SDG 3, SDG 9	Facilitates early prediction of genetic disorders through machine learning-based healthcare solutions.
56	B20CN056	SHIVA TEJA SHANUM	Security using Post Quantum Cryptography	SDG 9	Strengthens future-proof secure digital infrastructure against emerging quantum threats.
57	B20CN057	AISHWARYALAXMI UMESH IRABATTI	Early Diagnosis of Breast Cancer Using Image Processing Techniques	SDG 3, SDG 9	Improves early disease detection and healthcare outcomes using intelligent imaging techniques.
58	B20CN058	THOKALA AISHWARYA	Unsupervised Machine Learning for railways to enhance safety and risk management	SDG 9, SDG 11	Enhances transportation safety and risk mitigation in smart urban infrastructure.
59	B20CN059	KORUKONDA AKSHITHA	Energy efficiency aware application placement in Fog environment	SDG 9, SDG 11	Promotes energy-efficient computing and sustainable smart city infrastructure.
60	B20CN060	JATOTH HARSHA VARDHAN RATHOD	Mobile application to diagnose and recommend solutions for skin disorders	SDG 3, SDG 9	Improves accessibility to healthcare services through mobile-based diagnostic solutions.
61	B21CN061L	MOHAMMED IDRIS TURABI	Blockchain based resource allocation	SDG 9	Encourages innovation in decentralized and efficient digital infrastructure using blockchain technology.
62	B21CN062L	DABBETA SHARANYA	A broad learning driven network traffic analysis using fog computing paradigm	SDG 9, SDG 11	Enhances intelligent network management for smart city and edge computing environments.
63	B21CN063L	CHILAGANI PAVANSAI	Early Diagnosis of Breast Cancer Using Image Processing Techniques	SDG 3, SDG 9	Supports early cancer detection and improved healthcare outcomes through image analytics.
64	B21CN064L	VASHAPAKA PRABHU KIRAN	Mobile application to diagnose and recommend solutions for skin disorders	SDG 3, SDG 9	Enables accessible and technology-driven healthcare support through mobile applications.
65	B21CN065L	UDUGULA NAGAMANI	Imagination-Augmented Natural Language Understanding	SDG 4, SDG 9	Advances intelligent learning systems and innovation in natural



				language processing technologies.
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SDG MAPPING FOR MAJOR PROJECTS AY 22_23					
S.No	Roll No	Name of Student(s)	Project Title	SDGs Addressed	Justification
1	B19CN001	Annamaneni Nishikanth	A Novel Spatial Relational Features Generation Using Encoded Geometry for Character Recognition	SDG 4, SDG 9	Supports quality education through intelligent character recognition and promotes innovation in AI algorithms.
2	B19CN002	Tumati Netha Sri Dattha	Finding Influential Users in Social Media Using Association Rule Learning	SDG 9, SDG 11	Applies data analytics for social network analysis, supporting digital innovation and sustainable online communities.
3	B19CN003	Pingili Shobhana	Real-Time Network Traffic Analysis Using Apache Spark to Protect Networks Against Attacks	SDG 9, SDG 11	Enhances cybersecurity infrastructure using big data analytics to ensure resilient digital services.
4	B19CN004	Thammi Sai Charan	Integrated Monitoring System for Early Pest Detection Using IoT and Deep Learning	SDG 9, SDG 11	Promotes IoT-based agricultural innovation and supports sustainable community development.
5	B19CN005	Bhavana Agarwal	Loan Eligibility Prediction Using Gradient Boosting Classifier	SDG 9, SDG 11	Uses machine learning for financial decision support, contributing to inclusive and stable communities.
6	B19CN006	Chennuri Sai Prasad	NLP Approach to Cluster and Retrieve Software Components	SDG 4, SDG 9	Supports quality technical education and innovation in software reuse through NLP techniques.
7	B19CN007	Kotha Vennela	Industrial Cloud-Based IoT System for Waste Water Monitoring and Control	SDG 9, SDG 11	Strengthens industrial IoT infrastructure and supports sustainable water management systems.
8	B19CN008	Palleboina Sujala	Deep Learning Model for Breast Cancer Detection Using Transfer Learning	SDG 3, SDG 9	Supports early disease diagnosis and advances AI-driven healthcare innovation.
9	B19CN009	Kondapally Santhoshini Shivani	Malware Detection and Classification Using	SDG 9, SDG 11	Enhances cybersecurity infrastructure and

			Visualization Techniques		promotes safe digital environments.
10	B19CN010	Nagilla Poojitha	Character Recognition Using Encoded Geometry Features	SDG 4, SDG 9	Improves digital learning tools and promotes innovation in pattern recognition techniques.
11	B19CN011	Sana Ur Rahman	Data Collection and Path Determination for Mobile Sink in 3D WSNs	SDG 9, SDG 11	Improves wireless sensor networks for smart monitoring and community infrastructure.
12	B19CN012	Juluru Greeshma	IoT and Deep Learning Based Early Pest Detection System	SDG 9, SDG 11	Encourages smart agriculture solutions and sustainable rural communities.
13	B19CN013	Janga Sridhar Reddy	Loan Eligibility Prediction Using Gradient Boosting Classifier	SDG 9, SDG 11	Enhances fairness and efficiency in financial decision-making systems.
14	B19CN014	Padakanti Bhavagnya	PUC Certification Manipulation Detection for Vehicles	SDG 9, SDG 11	Supports intelligent transport compliance and sustainable urban mobility.
15	B19CN015	Vikram Reddy Poreddy	Loan Eligibility Prediction Using Gradient Boosting Classifier	SDG 9, SDG 11	Applies machine learning for inclusive financial assessment.
16	B19CN016	Nagabandi Soumya Sree	IoT-Based Deep Learning Approach for Tourist Attraction Prediction	SDG 9, SDG 11	Enables smart city planning and sustainable tourism management.
17	B19CN017	Dunde Poojith Raj	Finding Influential Users in Social Media	SDG 9, SDG 11	Analyzes social influence to support digital innovation and online communities.
18	B19CN018	Erukulla Akshaya	Automated Resume Screening Using NLP and Similarity	SDG 4, SDG 9	Supports education-to-employment transition using AI-based recruitment systems.
19	B19CN019	Pulyala Vivek Reddy	Industrial IoT System for Waste Water Monitoring	SDG 9, SDG 11	Promotes sustainable industrial water management through IoT solutions.
20	B19CN020	Chennapragada Ruthvik	Real-Time Network Traffic Analysis Using Apache Spark	SDG 9, SDG 11	Improves network security and resilience of digital infrastructure.

21	B19CN021	Kasam Sanjuna	Deep Learning Model for Breast Cancer Detection	SDG 3, SDG 9	Enhances early cancer diagnosis using AI-based healthcare systems.
22	B19CN022	Pulluru Dheeraj	Automated Resume Screening Using NLP	SDG 4, SDG 9	Improves recruitment efficiency through intelligent text analysis.
23	B19CN023	Vengala Sai Ruthwik	Finding Influential Users in Social Media	SDG 9, SDG 11	Supports sustainable digital communities through social media analytics.
24	B19CN024	Naganaboina Kushal	Deep Learning Model for Breast Cancer Detection	SDG 3, SDG 9	Contributes to improved healthcare diagnostics using AI.
25	B19CN025	Vanamala Supriya	Malware Detection Using Visualization Techniques	SDG 9, SDG 11	Strengthens cybersecurity and ensures safe digital services.
26	B19CN026	Sanjana Sudheer Koneti	Data Collection and Path Determination in 3D WSNs	SDG 9, SDG 11	Enhances sensor network efficiency for smart monitoring systems.
27	B19CN027	Reethika Vaddi	ML-Based Classification and Prediction of DDoS Attacks	SDG 9, SDG 11	Improves cybersecurity and reliability of network infrastructure.
28	B19CN028	Sameera Sineen	Real-Time Network Traffic Analysis Using Apache Spark	SDG 9, SDG 11	Supports resilient digital communication systems.
29	B19CN029	Talagani Anmol	Real-Time Network Traffic Analysis Using Apache Spark	SDG 9, SDG 11	Enhances network security through real-time analytics.
30	B19CN031	Konda Vidheesha	PUC Certification Manipulation Detection for Vehicles	SDG 9, SDG 11	Supports smart transport regulation and urban safety.
31	B19CN032	Hanumandla Naga Shiva	Character Recognition Using Encoded Geometry	SDG 4, SDG 9	Enhances learning technologies through AI-based recognition systems.
32	B19CN033	Kosana Vishnu Vardhan Reddy	Adaptive Reliability Mechanism for Cloud Storage	SDG 9, SDG 11	Improves cloud reliability and scalability for community services.
33	B19CN034	Bathini Srinija	Adaptive Reliability Mechanism for Cloud Storage	SDG 9, SDG 11	Supports resilient and efficient cloud infrastructure.
34	B19CN035	Adithi Rajashri Chitta	Data Collection and Path Determination in 3D WSNs	SDG 9, SDG 11	Enhances smart sensing and monitoring systems.

35	B19CN036	Vedantham Sree Niketan	ML-Based DDoS Attack Detection	SDG 9, SDG 11	Strengthens network security and digital resilience.
36	B19CN037	Goli Ananya Reddy	Industrial IoT System for Waste Water Monitoring	SDG 9, SDG 11	Promotes sustainable industrial infrastructure.
37	B19CN038	Chekurthi Priyanka	Loan Eligibility Prediction Using ML	SDG 9, SDG 11	Supports inclusive financial decision-making systems.
38	B19CN039	Nallella Mourya	Adaptive Reliability Mechanism for Cloud Storage	SDG 9, SDG 11	Improves cloud-based service reliability.
39	B19CN040	Ravula Nischitha	IoT-Based Tourist Attraction Prediction	SDG 9, SDG 11	Supports smart city planning and sustainable tourism.
40	B19CN041	Kolagani Manusri	Breast Cancer Detection Using Deep Learning	SDG 3, SDG 9	Improves early diagnosis and healthcare innovation.
41	B19CN042	Shaista Fatima	NLP-Based Software Component Retrieval	SDG 4, SDG 9	Enhances software education and reuse practices.
42	B19CN043	Kolipaka Arjun Kumar	Automated Resume Screening Using NLP	SDG 4, SDG 9	Supports AI-driven recruitment and skill matching.
43	B19CN044	Gopala Sairithik	Adaptive Reliability Mechanism for Cloud Storage	SDG 9, SDG 11	Enhances efficiency and reliability of cloud systems.
44	B19CN045	Dudhni Balram Singh	IoT and DL-Based Early Pest Detection System	SDG 9, SDG 11	Supports sustainable agriculture and community development.
45	B19CN046	Kotha Karthik Reddy	Smart Healthcare IoT Platform with Medicine Sensing	SDG 3, SDG 9	Enables continuous patient monitoring and digital healthcare innovation.
46	B19CN047	Sravan Reddy Myakala	Finding Influential Users in Social Media	SDG 9, SDG 11	Promotes understanding of social influence in digital communities.
47	B19CN048	Varakala Lokesh Kumar	PUC Certification Manipulation Detection	SDG 9, SDG 11	Enhances intelligent transport monitoring systems.
48	B19CN049	Aishwarya Mallarapu	ML-Based DDoS Attack Prediction	SDG 9, SDG 11	Improves cybersecurity and network reliability.
49	B19CN050	Karukuri Ritheesh	ML-Based DDoS Attack Prediction	SDG 9, SDG 11	Strengthens protection of digital infrastructure.

50	B19CN051	Sherla Saiteja	Character Recognition Using Encoded Geometry	SDG 4, SDG 9	Enhances document processing and learning technologies.
51	B19CN052	Damera Vasanth	IoT-Based Tourist Attraction Prediction	SDG 9, SDG 11	Supports smart tourism and urban planning.
52	B19CN053	Kondru Ashray	Industrial IoT System for Waste Water Monitoring	SDG 9, SDG 11	Promotes sustainable industrial operations.
53	B19CN054	Konda Srineesh	Malware Detection Using Visualization	SDG 9, SDG 11	Improves cybersecurity and digital safety.
54	B19CN055	Kummari Harish	Malware Detection Using Visualization	SDG 9, SDG 11	Supports safe and secure digital infrastructure.
55	B19CN057	Nookala Jagan Mohan Reddy	Smart Healthcare IoT Platform	SDG 3, SDG 9	Enhances patient monitoring and healthcare delivery.
56	B19CN058	Emmadi Sudhishna	Smart Healthcare IoT Platform	SDG 3, SDG 9	Supports digital healthcare systems for well-being.
57	B19CN059	Islavath Pandu	Automated Resume Screening Using NLP	SDG 4, SDG 9	Improves recruitment efficiency and employability.
58	B19CN060	Matteppally David Raj	Data Collection and Path Determination in 3D WSNs	SDG 9, SDG 11	Enhances smart sensing for community infrastructure.
59	B20CN062L	Mohammed Maaz Ahmed	IoT-Based Tourist Attraction Prediction	SDG 9, SDG 11	Enables data-driven smart city tourism planning.
60	B20CN063L	Komati Sharath Chandra	PUC Certification Manipulation Detection	SDG 9, SDG 11	Supports sustainable and safe urban transportation.
61	B20CN064L	Mohammad Khaja Pasha	Smart Healthcare IoT Platform	SDG 3, SDG 9	Improves healthcare monitoring using IoT technologies.
62	B20CN065L	Gatla Vasanth	IoT-Based Early Pest Detection System	SDG 9, SDG 11	Encourages smart agriculture and sustainable communities.



MAJOR PROJECTS AY 25-26					
s.no	Rollno	Name	Project Title	SDG Addressed	Justification
1	B22CN072	POLA SAI KUMAR	IOT Based Indoor Air Quality Management System	SDG 3; SDG 11; SDG 14	Improves public health and environmental monitoring in smart buildings.
2	B22CN076	BOMMARATHI SAI ANSHUL	Lightweight Blockchain Protocol for Resource-Constrained IoT Devices	SDG 9; SDG 16	Provides secure and scalable infrastructure for IoT ecosystems.
3	B22CN082	ANANTAPALLI SAI CHANDRIKA	IOT Based Indoor Air Quality Management System	SDG 3; SDG 11; SDG 13	Improves public health and environmental monitoring in smart buildings.
4	B22CN084	VARDELLI SPANDANA	Identification of Cyberattacks on Leader and Followers in Automated Vehicles Using Federated Agents	SDG 9; SDG 11; SDG 16	Enhances security and safety in intelligent transportation systems.
5	B22CN085	JILLALA ANJI	Lightweight Blockchain Protocol for Resource-Constrained IoT Devices	SDG 9; SDG 17	Provides secure and scalable infrastructure for IoT ecosystems.
6	B22CN088	MOLLETI MEGHAMALA	Lightweight Blockchain Protocol for Resource-Constrained IoT Devices	SDG 9; SDG 19	Provides secure and scalable infrastructure for IoT ecosystems.
7	B22CN090	RAGI DINESH	Identification of Cyberattacks on Leader and Followers in Automated Vehicles Using Federated Agents	SDG 9; SDG 11; SDG 20	Enhances security and safety in intelligent transportation systems.
8	B22CN091	JONNALA VIVEK BABU	Identification of Cyberattacks on Leader and Followers in Automated Vehicles Using Federated Agents	SDG 9; SDG 11; SDG 17	Enhances security and safety in intelligent transportation systems.
9	B22CN097	MUTHADI ASHRITH REDDY	Lightweight Blockchain Protocol for Resource-Constrained IoT Devices	SDG 9; SDG 20	Provides secure and scalable infrastructure for IoT ecosystems.

10	B22CN100	THOKALA SRI SHIVA REDDY	IOT Based Indoor Air Quality Management System	SDG 3; SDG 11; SDG 16	Improves public health and environmental monitoring in smart buildings.
11	B22CN104	PILLALA KALYAN	Identification of Cyberattacks on Leader and Followers in Automated Vehicles Using Federated Agents	SDG 9; SDG 11; SDG 19	Enhances security and safety in intelligent transportation systems.
12	B22CN109	PALAVENI SUSHMA	IOT Based Indoor Air Quality Management System	SDG 3; SDG 11; SDG 17	Improves public health and environmental monitoring in smart buildings.
13	B22CN122	NALLA HEPHZIBAH	IOT Based Indoor Air Quality Management System	SDG 3; SDG 11; SDG 15	Improves public health and environmental monitoring in smart buildings.
14	B22IN001	SHASHANK BOLISHETTI	Blockchain-Enabled Traceability for Organic Farming Using IoT Sensors	SDG 2; SDG 9; SDG 15	Ensures transparent and sustainable food supply chains.
15	B22IN002	BOINAPALLY RAGHAVENDRA	Intelligent Intrusion Detection and Prevention System for IoT Using Game Theoretic Approach	SDG 9; SDG 17	Enhances cybersecurity and strengthens resilient digital infrastructure.
16	B22IN010	CHANDUPATLA HARSHITHA	Intelligent Intrusion Detection and Prevention System for IoT Using Game Theoretic Approach	SDG 9; SDG 18	Enhances cybersecurity and strengthens resilient digital infrastructure.
17	B22IN012	K VISHAL ADITYA	Smart Patient Monitoring and Recommendation (SPMR) Using Cloud Analytics and Deep Learning	SDG 3; SDG 10	Supports digital healthcare systems for improved patient monitoring.
18	B22IN015	KARRA ROHITH REDDY	LCAT: A Lightweight Color Aware Transformer With Hierarchical Attention for Leaf Disease Classification in Precision Agriculture	SDG 2; SDG 12	Improves agricultural productivity using AI-based disease detection.

19	B22IN018	ANANTHULA MANIDEEP	LCAT: A Lightweight Color Aware Transformer With Hierarchical Attention for Leaf Disease Classification in Precision Agriculture	SDG 2; SDG 9	Improves agricultural productivity using AI-based disease detection.
20	B22IN021	REMIDI KAVYA	An Intelligent IoT-Based System Design for Controlling and Monitoring crop Greenhouse	SDG 2; SDG 9; SDG 13	Optimizes greenhouse crop production and resource efficiency.
21	B22IN022	ANDE HASINI	Blockchain-Enabled Traceability for Organic Farming Using IoT Sensors	SDG 2; SDG 9; SDG 14	Ensures transparent and sustainable food supply chains.
22	B22IN023	ACHA SREEJA	LCAT: A Lightweight Color Aware Transformer With Hierarchical Attention for Leaf Disease Classification in Precision Agriculture	SDG 2; SDG 11	Improves agricultural productivity using AI-based disease detection.
23	B22IN024	PUPPALA SWETHA	An Intelligent IoT-Based System Design for Controlling and Monitoring crop Greenhouse	SDG 2; SDG 9; SDG 16	Optimizes greenhouse crop production and resource efficiency.
24	B22IN025	MARKA SIDDARTHA	Smart Patient Monitoring and Recommendation (SPMR) Using Cloud Analytics and Deep Learning	SDG 3; SDG 9	Supports digital healthcare systems for improved patient monitoring.
25	B22IN026	PREDIPTA DEBBARMAN	Intelligent Intrusion Detection and Prevention System for IoT Using Game Theoretic Approach	SDG 9; SDG 20	Enhances cybersecurity and strengthens resilient digital infrastructure.
26	B22IN027	MAINAMPATI VARSHITHA	Intelligent Intrusion Detection and Prevention System for	SDG 9; SDG 16	Enhances cybersecurity and strengthens resilient digital infrastructure.

			IoT Using Game Theoretic Approach		
27	B22IN034	CHATLA ROHITH	Smart Patient Monitoring and Recommendation (SPMR) Using Cloud Analytics and Deep Learning	SDG 3; SDG 12	Supports digital healthcare systems for improved patient monitoring.
28	B22IN035	SURAM SATHVIK	LCAT: A Lightweight Color Aware Transformer With Hierarchical Attention for Leaf Disease Classification in Precision Agriculture	SDG 2; SDG 10	Improves agricultural productivity using AI-based disease detection.
29	B22IN037	DANDAPANTHULA MANIDEEP	An Intelligent IoT-Based System Design for Controlling and Monitoring crop Greenhouse	SDG 2; SDG 9; SDG 14	Optimizes greenhouse crop production and resource efficiency.
30	B22IN043	POCHAMPELly NANDINI	Intelligent Intrusion Detection and Prevention System for IoT Using Game Theoretic Approach	SDG 9; SDG 19	Enhances cybersecurity and strengthens resilient digital infrastructure.
31	B22IN045	MUKKERA AKSHITHA	An Intelligent IoT-Based System Design for Controlling and Monitoring crop Greenhouse	SDG 2; SDG 9; SDG 12	Optimizes greenhouse crop production and resource efficiency.
32	B22IN048	KOKKULA SAI KIRAN	Blockchain-Enabled Traceability for Organic Farming Using IoT Sensors	SDG 2; SDG 9; SDG 12	Ensures transparent and sustainable food supply chains.
33	B22IN051	BEKKAM MADHAV	Blockchain-Enabled Traceability for Organic Farming Using IoT Sensors	SDG 2; SDG 9; SDG 13	Ensures transparent and sustainable food supply chains.



34	B22IN055	MANASWINI VELPULA	Smart Patient Monitoring and Recommendation (SPMR) Using Cloud Analytics and Deep Learning	SDG 3; SDG 11	Supports digital healthcare systems for improved patient monitoring.
35	B22IN060	VASHISHT REDDY BOMMINENI	Blockchain-Enabled Traceability for Organic Farming Using IoT Sensors	SDG 2; SDG 9; SDG 16	Ensures transparent and sustainable food supply chains.
36	B22IN063	KONDRA KAVYA	LCAT: A Lightweight Color Aware Transformer With Hierarchical Attention for Leaf Disease Classification in Precision Agriculture	SDG 2; SDG 13	Improves agricultural productivity using AI-based disease detection.
37	B22IN065	VEMULAPALLY SHARAN	A New IoT-Based Platform for Greenhouse Crop Production	SDG 2; SDG 9; SDG 15	Supports sustainable crop production using IoT technologies.
38	B22IN066	PURAM REVANTH	Enhancing Teaching Evaluations in Smart Engineering Campus	SDG 4; SDG 9	Improves quality education through smart campus technologies.
39	B22IN070	NASIHA MAHREEN	LiveCare: An IoT-Based Healthcare Framework for Livestock in Smart Agriculture	SDG 2; SDG 12	Improves livestock health management and agricultural sustainability.
40	B22IN072	GADAM MOKSHAGNA	LightGuard: A Lightweight Malicious Traffic Detection Method for Internet of Things	SDG 9; SDG 17	Strengthens IoT cybersecurity and digital system resilience.
41	B22IN073	MOHAMMED FAHAD AHMED	Enhancing Teaching Evaluations in Smart Engineering Campus	SDG 4; SDG 11	Improves quality education through smart campus technologies.
42	B22IN074	TALARI SIVA TEJA	LiveCare: An IoT-Based Healthcare Framework for Livestock in Smart Agriculture	SDG 2; SDG 11	Improves livestock health management and agricultural sustainability.

43	B22IN075	BANDI OM MANI PRAKASH	Real-Time Video Analytics at the Edge: A Low-Latency Solution for Smart Crowd Monitoring and Safety Management	SDG 9; SDG 11; SDG 16	Enhances smart city safety and resilient urban infrastructure.
44	B22IN077	MENDI PRASHANTH	LightGuard: A Lightweight Malicious Traffic Detection Method for Internet of Things	SDG 9; SDG 19	Strengthens IoT cybersecurity and digital system resilience.
45	B22IN079	B RISHIKESH REDDY	A New IoT-Based Platform for Greenhouse Crop Production	SDG 2; SDG 9; SDG 16	Supports sustainable crop production using IoT technologies.
46	B22IN083	ADLA ASHISH REDDY	Real-Time Video Analytics at the Edge: A Low-Latency Solution for Smart Crowd Monitoring and Safety Management	SDG 9; SDG 11; SDG 17	Enhances smart city safety and resilient urban infrastructure.
47	B22IN085	DIDDI SRINIJA	A New IoT-Based Platform for Greenhouse Crop Production	SDG 2; SDG 9; SDG 14	Supports sustainable crop production using IoT technologies.
48	B22IN087	AREPALLY SANDHYA	LiveCare: An IoT-Based Healthcare Framework for Livestock in Smart Agriculture	SDG 2; SDG 9	Improves livestock health management and agricultural sustainability.
49	B22IN089	THOTA AKHIRA NANDAN	LightGuard: A Lightweight Malicious Traffic Detection Method for Internet of Things	SDG 9; SDG 20	Strengthens IoT cybersecurity and digital system resilience.
50	B22IN090	NETHANI SAI SATHWIK	A New IoT-Based Platform for Greenhouse Crop Production	SDG 2; SDG 9; SDG 13	Supports sustainable crop production using IoT technologies.
51	B22IN092	MADDURI PAVAN	Real-Time Video Analytics at the Edge: A Low-Latency Solution for Smart Crowd	SDG 9; SDG 11; SDG 19	Enhances smart city safety and resilient urban infrastructure.

			Monitoring and Safety Management		
52	B22IN093	MALLADI RAJAVARDHAN REDDY	Enhancing Teaching Evaluations in Smart Engineering Campus	SDG 4; SDG 12	Improves quality education through smart campus technologies.
53	B22IN094	SANIYA AFREEN	LightGuard: A Lightweight Malicious Traffic Detection Method for Internet of Things	SDG 9; SDG 16	Strengthens IoT cybersecurity and digital system resilience.
54	B22IN097	JANAGANI HARSHAVARDHAN	Enhancing Teaching Evaluations in Smart Engineering Campus	SDG 4; SDG 13	Improves quality education through smart campus technologies.
55	B22IN105	MOHAMMED SUHAIM UR RAHMAN	LightGuard: A Lightweight Malicious Traffic Detection Method for Internet of Things	SDG 9; SDG 18	Strengthens IoT cybersecurity and digital system resilience.
56	B22IN109	ANCHE CHARISHMA	A New IoT-Based Platform for Greenhouse Crop Production	SDG 2; SDG 9; SDG 12	Supports sustainable crop production using IoT technologies.
57	B22IN110	BHUKYA RAJESWARI	Compression of Edge Node Data for Reducing IoT Network Traffic	SDG 9; SDG 14	Promotes efficient resource utilization in IoT networks.
58	B22IN115	SHIKA PRANATHI	Compression of Edge Node Data for Reducing IoT Network Traffic	SDG 9; SDG 12	Promotes efficient resource utilization in IoT networks.
59	B22IN117	NAGAPURI SHIVA DEEPAK	Compression of Edge Node Data for Reducing IoT Network Traffic	SDG 9; SDG 13	Promotes efficient resource utilization in IoT networks.
60	B22IN119	AFSHAN	Enhancing Teaching Evaluations in Smart Engineering Campus	SDG 4; SDG 10	Improves quality education through smart campus technologies.
61	B22IN120	EMMADI SHUKLATHA	Real-Time Video Analytics at the Edge: A Low-Latency Solution for Smart Crowd	SDG 9; SDG 11; SDG 18	Enhances smart city safety and resilient urban infrastructure.

			Monitoring and Safety Management		
62	B22IN125	NYATHA JATHIN	LiveCare: An IoT-Based Healthcare Framework for Livestock in Smart Agriculture	SDG 2; SDG 10	Improves livestock health management and agricultural sustainability.
63	B22IN127	KETHAPAKA SHIVARAM	LiveCare: An IoT-Based Healthcare Framework for Livestock in Smart Agriculture	SDG 2; SDG 13	Improves livestock health management and agricultural sustainability.
64	B23CN140L	SABBANI VAMSHI	Identification of Cyberattacks on Leader and Followers in Automated Vehicles Using Federated Agents	SDG 9; SDG 11; SDG 18	Enhances security and safety in intelligent transportation systems.
65	B23CN141L	METTUPELLY ESHWAR CHANDRA	Lightweight Blockchain Protocol for Resource-Constrained IoT Devices	SDG 9; SDG 18	Provides secure and scalable infrastructure for IoT ecosystems.
66	B23IN130L	SYED AWAIS	An Intelligent IoT-Based System Design for Controlling and Monitoring crop Greenhouse	SDG 2; SDG 9; SDG 15	Optimizes greenhouse crop production and resource efficiency.
67	B23IN134L	GOPA ROHITHA	Smart Patient Monitoring and Recommendation (SPMR) Using Cloud Analytics and Deep Learning	SDG 3; SDG 13	Supports digital healthcare systems for improved patient monitoring.
68	B23IN137L	THOTA MANIKANTA	Compression of Edge Node Data for Reducing IoT Network Traffic	SDG 9; SDG 15	Promotes efficient resource utilization in IoT networks.
69	B23IN139L	AKKENAPALLY DEEPAK	Real-Time Video Analytics at the Edge: A Low-Latency Solution for Smart Crowd Monitoring and Safety Management	SDG 9; SDG 11; SDG 20	Enhances smart city safety and resilient urban infrastructure.



70	B23IN141L	GADDI ADITHYA	Compression of Edge Node Data for Reducing IoT Network Traffic	SDG 9; SDG 16	Promotes efficient resource utilization in IoT networks.
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AY 24-25 major projects					
s.no	Rollno	Project Title	SDG Addressed	Justification	
1	B20IN004	A Lightweight Network Deployed on ARM Devices for Hand Gesture Recognition	SDG 9; SDG 3	Supports innovation in embedded AI systems and enables applications in healthcare assistive technologies and human computer interaction.	
2	B21CN003	Secure data transmission in IoT-Enabled Zigbee networks: An investigation and performance analysis of end-to-end communication protocols	SDG 9; SDG 16	Strengthens secure communication protocols in IoT networks supporting resilient digital infrastructure and cybersecurity.	
3	B21CN020	Secure data transmission in IoT-Enabled Zigbee networks: An investigation and performance analysis of end-to-end communication protocols	SDG 9; SDG 16	Strengthens secure communication protocols in IoT networks supporting resilient digital infrastructure and cybersecurity.	
4	B21CN033	Secure data transmission in IoT-Enabled Zigbee networks: An investigation and performance analysis of end-to-end communication protocols	SDG 9; SDG 16	Strengthens secure communication protocols in IoT networks supporting resilient digital infrastructure and cybersecurity.	

5	B21CN051	Secure data transmission in IoT-Enabled Zigbee networks: An investigation and performance analysis of end-to-end communication protocols	SDG 9; SDG 16	Strengthens secure communication protocols in IoT networks supporting resilient digital infrastructure and cybersecurity.
6	B21IN001	Adaptive Admission Control for IoT Applications in Home WiFi Networks	SDG 9; SDG 12	Optimizes network performance and resource usage in smart homes promoting efficient and sustainable digital infrastructure.
7	B21IN007	Adaptive Admission Control for IoT Applications in Home WiFi Networks	SDG 9; SDG 12	Optimizes network performance and resource usage in smart homes promoting efficient and sustainable digital infrastructure.
8	B21IN010	A Lightweight Network Deployed on ARM Devices for Hand Gesture Recognition	SDG 9; SDG 3	Supports innovation in embedded AI systems and enables applications in healthcare assistive technologies and human computer interaction.
9	B21IN011	Scalable and Secure Architecture for Distributed IoT Systems	SDG 9; SDG 17	Provides resilient secure and scalable frameworks for distributed IoT strengthening trust and reliability in digital ecosystems.
10	B21IN013	Automated Lithology Classification from Drill Core Images Using Convolutional Neural Networks	SDG 9; SDG 12	Improves efficiency in mineral exploration and supports responsible industrial resource utilization through AI automation.
11	B21IN014	Adaptive Admission Control for IoT Applications in Home WiFi Networks	SDG 9; SDG 12	Optimizes network performance and resource usage in smart homes promoting efficient and sustainable digital infrastructure.
12	B21IN015	A Lightweight Network Deployed on ARM Devices for Hand Gesture Recognition	SDG 9; SDG 3	Supports innovation in embedded AI systems and enables applications in healthcare assistive technologies and human computer interaction.

13	B21IN016	EMS: An Energy Management Scheme for Green IoT Environments	SDG 7; SDG 13; SDG 12	Promotes energy efficiency and sustainable power use in IoT environments contributing to climate-friendly and resource-efficient systems.
14	B21IN018	Smart Traffic Management System with Real-Time Vehicle Detection and IoT Integration	SDG 11; SDG 9; SDG 13	Improves urban mobility reduces congestion greener cities by optimizing traffic flow and lowering emissions.
15	B21IN019	EMS: An Energy Management Scheme for Green IoT Environments	SDG 7; SDG 13; SDG 12	Promotes energy efficiency and sustainable power use in IoT environments contributing to climate-friendly and resource-efficient systems.
16	B21IN020	Automated Lithology Classification from Drill Core Images Using Convolutional Neural Networks	SDG 9; SDG 12	Improves efficiency in mineral exploration and supports responsible industrial resource utilization through AI automation.
17	B21IN021	EMS: An Energy Management Scheme for Green IoT Environments	SDG 7; SDG 13; SDG 12	Promotes energy efficiency and sustainable power use in IoT environments contributing to climate-friendly and resource-efficient systems.
18	B21IN026	EMS: An Energy Management Scheme for Green IoT Environments	SDG 7; SDG 13; SDG 12	Promotes energy efficiency and sustainable power use in IoT environments contributing to climate-friendly and resource-efficient systems.
19	B21IN027	Smart Traffic Management System with Real-Time Vehicle Detection and IoT Integration	SDG 11; SDG 9; SDG 13	Improves urban mobility reduces congestion greener cities by optimizing traffic flow and lowering emissions.
20	B21IN031	Scalable and Secure Architecture for Distributed IoT Systems	SDG 9; SDG 17	Provides resilient secure and scalable frameworks for distributed IoT strengthening trust and reliability in digital ecosystems.

21	B21IN037	Smart Traffic Management System with Real-Time Vehicle Detection and IoT Integration	SDG 11; SDG 9; SDG 13	Improves urban mobility reduces congestion greener cities by optimizing traffic flow and lowering emissions.
22	B21IN040	Automated Lithology Classification from Drill Core Images Using Convolutional Neural Networks	SDG 9; SDG 12	Improves efficiency in mineral exploration and supports responsible industrial resource utilization through AI automation.
23	B21IN045	Scalable and Secure Architecture for Distributed IoT Systems	SDG 9; SDG 17	Provides resilient secure and scalable frameworks for distributed IoT strengthening trust and reliability in digital ecosystems.
24	B21IN046	EMS: An Energy Management Scheme for Green IoT Environments	SDG 7; SDG 13; SDG 12	Promotes energy efficiency and sustainable power use in IoT environments contributing to climate-friendly and resource-efficient systems.
25	B21IN047	Smart Traffic Management System with Real-Time Vehicle Detection and IoT Integration	SDG 11; SDG 9; SDG 13	Improves urban mobility reduces congestion greener cities by optimizing traffic flow and lowering emissions.
26	B21IN050	Adaptive Admission Control for IoT Applications in Home WiFi Networks	SDG 9; SDG 12	Optimizes network performance and resource usage in smart homes promoting efficient and sustainable digital infrastructure.
27	B21IN063	Automated Lithology Classification from Drill Core Images Using Convolutional Neural Networks	SDG 9; SDG 12	Improves efficiency in mineral exploration and supports responsible industrial resource utilization through AI automation.
28	B22IN067L	A Lightweight Network Deployed on ARM Devices for Hand Gesture Recognition	SDG 9; SDG 3	Supports innovation in embedded AI systems and enables applications in healthcare assistive technologies and human computer interaction.



29	B22IN071L	Scalable and Secure Architecture for Distributed IoT Systems	SDG 9; SDG 17	Provides resilient secure and scalable frameworks for distributed IoT strengthening trust and reliability in digital ecosystems.
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AY 23-24 MAJOR PROJECTS					
Sno	Rollno	Name	Project Title	SDG addressed	Justification
1	B20CN001	SATHVIK REDDY ANUMANDLA	Integration of IoT-Based Routing Process for Food Supply Chain Management in Sustainable Smart Cities	SDG 2; SDG 11; SDG 12; SDG 9	Improves food distribution efficiency and sustainability in urban environments.
2	B20CN006	MANGALAPELLY ANUSHA	Integration of IoT-Based Routing Process for Food Supply Chain Management in Sustainable Smart Cities	SDG 2; SDG 11; SDG 12; SDG 9	Improves food distribution efficiency and sustainability in urban environments.
3	B20CN013	SAINI MANISH KUMAR	Architectural Framework for Privacy Preservation and Healthcare Monitoring in Smart City Using IoT	SDG 3; SDG 9; SDG 16	Ensures secure digital healthcare infrastructure and data privacy in smart cities.
4	B20CN016	KUNAMALLA RUFUS PAUL	Integration of IoT-Based Routing Process for Food Supply Chain Management in Sustainable Smart Cities	SDG 2; SDG 11; SDG 12; SDG 9	Improves food distribution efficiency and sustainability in urban environments.
5	B20CN023	MOOD KIRAN	Architectural Framework for Privacy Preservation and Healthcare Monitoring in Smart City Using IoT	SDG 3; SDG 9; SDG 16	Ensures secure digital healthcare infrastructure and data privacy in smart cities.
6	B20CN026	BALMURI ANIRUDH	Architectural Framework for Privacy Preservation and Healthcare Monitoring in Smart City Using IoT	SDG 3; SDG 9; SDG 16	Ensures secure digital healthcare infrastructure and data privacy in smart cities.
7	B20CN031	KONDAPAKA SURYA DEEPAK	Development of a Smart Sensing Unit for LoRaWAN-Based IoT Flood Monitoring and Warning System	SDG 11; SDG 13; SDG 9	Enhances disaster resilience and climate adaptation through smart sensing systems.

8	B20CN035	NOMULA SHREEYA	Development of a Smart Sensing Unit for LoRaWAN-Based IoT Flood Monitoring and Warning System	SDG 11; SDG 13; SDG 9	Enhances disaster resilience and climate adaptation through smart sensing systems.
9	B20CN041	THIKKA PREETHIKA	Development of a Smart Sensing Unit for LoRaWAN-Based IoT Flood Monitoring and Warning System	SDG 11; SDG 13; SDG 9	Enhances disaster resilience and climate adaptation through smart sensing systems.
10	B20CN049	RITHVIK PILLI	Development of a Smart Sensing Unit for LoRaWAN-Based IoT Flood Monitoring and Warning System	SDG 11; SDG 13; SDG 9	Enhances disaster resilience and climate adaptation through smart sensing systems.
11	B20CN051	GANGARAPU AKHIL KUMAR	Architectural Framework for Privacy Preservation and Healthcare Monitoring in Smart City Using IoT	SDG 3; SDG 9; SDG 16	Ensures secure digital healthcare infrastructure and data privacy in smart cities.
12	B20CN052	KOLUGURI SHIVANI	Integration of IoT-Based Routing Process for Food Supply Chain Management in Sustainable Smart Cities	SDG 2; SDG 11; SDG 12; SDG 9	Improves food distribution efficiency and sustainability in urban environments.
13	B20IN001	MANTHRI RAHUL	Asthma Risk Prediction by Machine Learning Using IoT and Smartphone App	SDG 3; SDG 9	Supports preventive healthcare through real-time health monitoring and analytics.
14	B20IN003	CHIDIRALA SHREYA REDDY	Asthma Risk Prediction by Machine Learning Using IoT and Smartphone App	SDG 3; SDG 9	Supports preventive healthcare through real-time health monitoring and analytics.
15	B20IN005	SOMARATHI HEMANTH KUMAR	Detection and Prediction of Potato Late Blight Disease Severity in an Uncontrolled Environment Using IoT	SDG 2; SDG 9; SDG 12	Supports crop protection and sustainable agricultural productivity using smart monitoring.
16	B20IN006	PULLA MAHIMA SHARON	Home Automation Using LoRa	SDG 9; SDG 11; SDG 12	Supports smart infrastructure and efficient energy/resource utilization in homes.



17	B20IN009	PAKALA ROOPA DEVI	An IoT and Deep Learning Based Smart Blind Assistant	SDG 3; SDG 10; SDG 9	Enhances assistive technologies and supports reduced inequalities.
18	B20IN012	PUNNAM THANMAYEE REDDY	Smart Healthcare System Using Fuzzy Neural Networks	SDG 3; SDG 9	Improves digital healthcare services through intelligent decision-support systems.
19	B20IN013	CHINTHIREDDY AKSHITHA	IoT Powered Smart Cities Cleanup: Effortless Waste Collection Using Enhanced Techniques	SDG 11; SDG 12; SDG 13	Promotes sustainable waste management and environmentally responsible urban systems.
20	B20IN014	KAKKUNURU ADITYA	Development of Solar Charging System for E-Bicycle	SDG 7; SDG 11; SDG 13	Promotes clean energy adoption and sustainable urban mobility solutions.
21	B20IN016	TIRUNAHARI SATWIK	Asthma Risk Prediction by Machine Learning Using IoT and Smartphone App	SDG 3; SDG 9	Supports preventive healthcare through real-time health monitoring and analytics.
22	B20IN017	KASARLA CHANDRASHEKAR	IoT Powered Smart Cities Cleanup: Effortless Waste Collection Using Enhanced Techniques	SDG 11; SDG 12; SDG 13	Promotes sustainable waste management and environmentally responsible urban systems.
23	B20IN018	PONUGOTI MAHESH	Asthma Risk Prediction by Machine Learning Using IoT and Smartphone App	SDG 3; SDG 9	Supports preventive healthcare through real-time health monitoring and analytics.
24	B20IN021	NIMRA ZIA	A Mobile Greenhouse Environment Monitoring System Based on the IoT	SDG 2; SDG 9; SDG 12	Supports sustainable agriculture through smart monitoring and efficient resource use.
25	B20IN023	ATOOFA NAAZ	An IoT-Based Platform for Real-Time Plant Monitoring Using Deep Learning Algorithms	SDG 2; SDG 9; SDG 12	Improves agricultural productivity and promotes sustainable farming practices.

26	B20IN024	GUDIMALLA VAISHNAVI	Home Automation Using LoRa	SDG 9; SDG 11; SDG 12	Supports smart infrastructure and efficient energy/resource utilization in homes.
27	B20IN025	KODARI SIDDHARTHA YADAV	An IoT-Based Platform for Real-Time Plant Monitoring Using Deep Learning Algorithms	SDG 2; SDG 9; SDG 12	Improves agricultural productivity and promotes sustainable farming practices.
28	B20IN026	SANJANA PEDDI	Smart Healthcare System Using Fuzzy Neural Networks	SDG 3; SDG 9	Improves digital healthcare services through intelligent decision-support systems.
29	B20IN027	KODAM SAI TEJA	An IoT and Deep Learning Based Smart Blind Assistant	SDG 3; SDG 10; SDG 9	Enhances assistive technologies and supports reduced inequalities.
30	B20IN028	VOLLALA PAVAN SATHWIK	An IoT and Deep Learning Based Smart Blind Assistant	SDG 3; SDG 10; SDG 9	Enhances assistive technologies and supports reduced inequalities.
31	B20IN029	GOGULA SHYLAJA	Shipping Containers with IoT: A Smart Way to Monitor Environment and Location	SDG 9; SDG 12; SDG 13	Enhances sustainable logistics, monitoring, and efficient supply chain management.
32	B20IN030	PUPPALA JAYASURYA	Shipping Containers with IoT: A Smart Way to Monitor Environment and Location	SDG 9; SDG 12; SDG 13	Enhances sustainable logistics, monitoring, and efficient supply chain management.
33	B20IN032	MISALA SHIVANI	Home Automation Using LoRa	SDG 9; SDG 11; SDG 12	Supports smart infrastructure and efficient energy/resource utilization in homes.
34	B20IN033	NUKALA RISHWANTH	An IoT-Based Platform for Real-Time Plant Monitoring Using Deep Learning Algorithms	SDG 2; SDG 9; SDG 12	Improves agricultural productivity and promotes sustainable farming practices.

35	B20IN034	TATIPAMULA SRIVARDHAN	Detection and Prediction of Potato Late Blight Disease Severity in an Uncontrolled Environment Using IoT	SDG 2; SDG 9; SDG 12	Supports crop protection and sustainable agricultural productivity using smart monitoring.
36	B20IN035	NAKKANI AJAY	IoT Powered Smart Cities Cleanup: Effortless Waste Collection Using Enhanced Techniques	SDG 11; SDG 12; SDG 13	Promotes sustainable waste management and environmentally responsible urban systems.
37	B20IN036	BITLA VARSHINI	An IoT-Based Platform for Real-Time Plant Monitoring Using Deep Learning Algorithms	SDG 2; SDG 9; SDG 12	Improves agricultural productivity and promotes sustainable farming practices.
38	B20IN038	PREETHIKA BUGGAVEETI	Shipping Containers with IoT: A Smart Way to Monitor Environment and Location	SDG 9; SDG 12; SDG 13	Enhances sustainable logistics, monitoring, and efficient supply chain management.
39	B20IN039	VANGA JAYASRI	Development of Solar Charging System for E-Bicycle	SDG 7; SDG 11; SDG 13	Promotes clean energy adoption and sustainable urban mobility solutions.
40	B20IN040	SURYADEVARA NAGAJAYANTH	Development of Solar Charging System for E-Bicycle	SDG 7; SDG 11; SDG 13	Promotes clean energy adoption and sustainable urban mobility solutions.
41	B20IN043	GUNDLA VARSHINI	A Mobile Greenhouse Environment Monitoring System Based on the IoT	SDG 2; SDG 9; SDG 12	Supports sustainable agriculture through smart monitoring and efficient resource use.
42	B20IN047	MUDDAM RAM CHANDHAR	Home Automation Using LoRa	SDG 9; SDG 11; SDG 12	Supports smart infrastructure and efficient energy/resource utilization in homes.
43	B20IN048	BOMMEDA RAGHU	Detection and Prediction of Potato Late Blight Disease Severity in an Uncontrolled Environment Using IoT	SDG 2; SDG 9; SDG 12	Supports crop protection and sustainable agricultural productivity using smart monitoring.

44	B20IN050	MOHAMMED AHMED MOHIUDDIN	Detection and Prediction of Potato Late Blight Disease Severity in an Uncontrolled Environment Using IoT	SDG 2; SDG 9; SDG 12	Supports crop protection and sustainable agricultural productivity using smart monitoring.
45	B20IN051	MUNIGALA SUBHASH	Shipping Containers with IoT: A Smart Way to Monitor Environment and Location	SDG 9; SDG 12; SDG 13	Enhances sustainable logistics, monitoring, and efficient supply chain management.
46	B20IN052	MOHAMMED NAUMAN MAHBUB	A Mobile Greenhouse Environment Monitoring System Based on the IoT	SDG 2; SDG 9; SDG 12	Supports sustainable agriculture through smart monitoring and efficient resource use.
47	B20IN055	SHANIGARAPU RAVAN SIDDARTH	A Mobile Greenhouse Environment Monitoring System Based on the IoT	SDG 2; SDG 9; SDG 12	Supports sustainable agriculture through smart monitoring and efficient resource use.
48	B20IN056	BUDDA SUKRUTHA	Smart Healthcare System Using Fuzzy Neural Networks	SDG 3; SDG 9	Improves digital healthcare services through intelligent decision-support systems.
49	B20IN058	MEKALA RUTHIK REDDY	A Mobile Greenhouse Environment Monitoring System Based on the IoT	SDG 2; SDG 9; SDG 12	Supports sustainable agriculture through smart monitoring and efficient resource use.
50	B20IN060	BACHAWALA BADRINARAYAN	Development of Solar Charging System for E-Bicycle	SDG 7; SDG 11; SDG 13	Promotes clean energy adoption and sustainable urban mobility solutions.
51	B21IN062L	MOHAMMED ABDUL UZAIR ANSARI	An IoT and Deep Learning Based Smart Blind Assistant	SDG 3; SDG 10; SDG 9	Enhances assistive technologies and supports reduced inequalities.
52	B21IN063L	GAJULA VINAY	IoT Powered Smart Cities Cleanup: Effortless Waste Collection Using Enhanced Techniques	SDG 11; SDG 12; SDG 13	Promotes sustainable waste management and environmentally responsible urban systems.

53	B21IN064L	MIRIYALA SAGAR	Smart Healthcare System Using Fuzzy Neural Networks	SDG 3; SDG 9	Improves digital healthcare services through intelligent decision-support systems.
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