

Projects List

S.No	Projects	PI / Co-PI	Institute Name
1	Medical Insurance claim settlement using Blockchain Technology(MRU Harayana)	Dr. Mrinal Pandey Dr. Shradhha Arora	Manav Rachna University North Cap University
2	Detection of financial frauds in taxation banking and in stock market	Dr. Subidh Ali Dr. Sobhan Babu	Indian Institute of Technology Bhilai Indian Institute of Technology Hyderabad
3	Metasurance : Blockchain based insurance administration system with ML driven dynamic pricing for new metaverse	Dr. Raju Halder	Indian Institute of Technology Patna
4	HideAndSeek: Searchable Encryption on Secure Financial Databases	Dr. Dhiman Saha	Indian Institute of Technology Bhilai
5	Improving Financial Condition of farmers Through Real-Time Precision Agriculture : Plant Disease Detection.	Dr.Somajit Pramanik Dr. Avishek Adhikari Dr.Subhajit Sidhanta	Indian Institute of Technology Bhilai
6	Blockchain-Based Framework for Insurance Sector	Dr. Preeti Chandrakar	Indian Institute of Technology Raipur
7	"Development of Secured Voice based AI-enabled Digital Payment Application for Indian Regional Languages".	Dr.Nenavath Srinivas Naik Dr.Anurag singh	International Institute of Information Technology, Naya Raipur National Institute of Technology, Delhi
8	A Regularization Factor Based Noval Framework For Anomaly Detection Using Artificial Intelligence.	Dr. D.K Yadav	Motilal Nehru National Institute of Technology Allahabad
9	AI Chatbots for Insurance and claim Assistance	Dr. Pradeep Singh	National Institute of Technology Raipur
10	Securing the Future: A Blockchain and AI-Powered Solution for Child Safety and Identification	Prof. Sabyasachi Mohapatra	Indian Institute of Management, Bodhgaya
11	Secure and Intelligent Platform to Combat Fraudulent Payment Mechanisms and Prank Applications in Financial Transactions	Dr. Angshuman Jana	Indian Institute of Information Technology Guwahati
12	Design and Development of a Deep Learning Assisted Smart Phone based Application Towards the Automated Cheque Clearing Process in Banking System	Prof. Soumen Bag	Indian Institute of Technology (ISM) Dhanbad
13	APQC based - Lightweight Key Exchange Scheme for Secret Key Communication.	Bhawana Rudra	National Institute of Technology Karnataka
14	Collaborative learning for Early Detection of Frauds in Fintech (Converted in Startup)	Dr. Somanath Tripathy	Indian Institute of Technology Patna
15	Design and Implementation of Authentication and Searchable Encryption for Blockchain based fintech application (Converted in Startup)	Dr. Ashok Kumar Das	International Institute of Information Technology, Hyderabad
16	Dhanvantari: Emergency Ambulance Service Management Software	Dr. Barun Gorain	Indian Institute of Technology Bhilai

17	Blockchain-Enabled Digital Identity and Authentication for Dynamic KYC (Converted in Startup)	Dr. Balaprakasa Rao Killi	National Institute of Technology Warangal
18	Smart Cleaner: Automatic Clean the Smart Contract (Converted in Startup)	Dr.Sanghartna Godbole	National Institute of Technology Warangal
19	Artificial Intelligence (Efficient AI Models for Fintech Applications:	Dr. K. T. Deepak	Indian Institute of Information Technology, Dharwad
20	Alfalgo (Converted in Startup)	Prof. Richa Agrawal	Indian Institute of Technology Madras
21	Digital Twin and Degradation Prognostics of Energy Storage Systems for Actuarial Analysis	Dr. Raghavender Medishetty Dr. Shailendra	Indian Institute of Technology, Bhilai
22	Design and Implementation of P2P Online Artwork Marketplace (Converted in Startup)	Dr.Souradyuti Paul	Indian Institute of Technology, Bhilai
23	HaJo (Converted in Startup)	Dr. Gagan Raj Gupta,	Indian Institute of Technology, Bhilai
24	Wearable Solutions for Heart Stress: A Case Study to Analyse Health and Finacial Impacts of Wearable Solutions for farmers in Chhattisgarh	Dr. Udayraj	Indian Institute of Technology, Bhilai
25	Design and Development of Fast and Secure Blockchain Enable Cross Border Transaction in Fintech	Dr. Debasis Das	Indian Institute of Technology Jodhpur
26	Deep Learning Enabled Multimodal Biometric Payment Solution with Template Protection for Differently Abled People	Dr. Mulagala Sandhya	National Institute of Technology, Warangal
27	SMART-ER: Strengthening the Emergency Care Systems in Chhattisgarh	Prof (Dr) Debendra K Tripathy,	All India Institute of Medical Sciences (AIIMS), Raipur
28	Development of remote controlled/autonomous agro-bot for fertilizer dispensing and crop condition monitoring	Dr. Purnendu Das,	Indian Institute of Technology, Bhilai
29	Capacity Building of Tribal Population in Agriculture and allied sectors	Dr. Ruchir Gupta,	Indian Institute of Technology BHU
30	Formulation of a framework for sustainable rural development with an integral approach	Dr. Kaushik Bandyopadhyay,	Indian Institute of Technology, Bhilai
31	Relevance of clinical evidence data for determining insurance premium and coverage	Dr. Narinder Singh Punn	Atal Bihari Vajpayee Indian Institute of Information Technology and Management, Gwalior
32	Financial Impact Analysis of Medical Interventions in Remote Locations Using Hand-held, User-friendly, Non--invasive,and Cost-effective Point of Care (POC) Medical Devices: A Case Study in Dantewada, Chhattisgarh	Dr. Rakesh Kumar Gupta, Dr. Satyajit Gupta	All India Institute of Medical Sciences, Raipur.

33	Design and Development of Biosensor for detection of Neonatal Jaundice	Prof. Dr. Atul Jindal	All India Institute of Medical Sciences, Raipur.
34	Design and Development of an IoT Enabled Artificial Intelligence-based Smart Financial Framework for Automatic Medical Insurance Risk Assessment	Dr. Sourav Chandra	Indian Institute of Technology Indore
35	An AI-enabled Framework for Responsibility Allocation in Road Accident Scenarios	Dr. Soumyajit Dey	Indian Institute of Technology Kharagpur
36	Covesto- AI-Based Social Trading Platform for Retail Traders in the Indian Stock Market	Prof. Saurabh Gupta	National Institute of Technology Raipur
37	The Smart Energy Metering and Billing System (SEMB): Enhancing EVCharging Infrastructure for Efficiency and Accessibility	Dr. Shailendra Kumar	Indian Institute of Technology, Bhilai
38	A PUF-based Multifactor Mutual Transaction Authentication and Key Agreement for Secure Banking (PMMTAKA)	Prof. Bishnu Prasad Das	Indian Institute of Technology Roorkee
39	ChhattisgarhiPay: A Regional Digital Payments Solution with Multimodal Interaction Support	Dr. Balaprakasa Rao Killi	National Institute of Technology Warangal
40	Transforming Agricultural Waste into efficient Carbon materials: A Sustainable Path for Energy Storage Solutions	Dr. Katchala Nanaji	Indian Institute of Technology, Bhilai
41	Transdermal Iron Supplementation as Bindi for Women: A Novel Concept	Dr Ruchita Dixit	Shri Shankaracharya Institute of Medical Sciences, Bhilai.
42	Transferit, transferring assets	Prof. Ferdous Ahmed Barbhuiya	Indian Institute of Information Technology, Guwahati.
43	Drone-Based Advanced Approach To Smart Agriculture And Farming For Accelerating Agriculture Production	Dr SVAR Sastry	Harcourt Butler Technical University Kanpur
44	Transforming Healthcare Access Through AI-Driven Diagnostics Application and Mobile Health Solutions.	Dr Vivek Singh Verma	Harcourt Butler Technical University, Kanpur
45	Usage of natural fibers for Biodegradable Products – Model for Government Economy Subsidy for the upliftment of the rural and tribal community.	Dr Yagnesh Shadangi,	Indian Institute of Technology, Bhilai
46	Cultivation And Enzymatic Extraction Of Natural Fibers And Bioproducts For Textiles And Other Applications To Enhance The Income Of Farmers.	Dr.Arun Upadhayay,	Indian Institute of Technology, Bhilai
47	Manufacturing Cost Estimation using Digital Twin of Manufacturing Processes	Dr. Rinku Mittal, Prof. Soumya Gaingopadhyay,	Indian Institute of Technology Guwahati,

48	Exploring Health and Financial Impact Analysis of Medicinal Plants through Product Development and Scientific validation in remote Location of Chhattisgarh: Bridging Tribal Indigenous Knowledge through Artificial intelligence	Dr.Rajesh Mundotiya	Indian Institute of Technology, Bhilai
49	Blockchain-based P2P energy trading platform for rooftop solar PU users	Dr. Rhythm Singh	Indian Institute of Technology Roorkee
50	Accessible banking functionalities for Divyang (Visually Impaired) using smart ATM.	Prof. Santosh Biswas	Indian Institute of Technology Bhilai
51	A Smart revenue optimization framework for on-demand scheduling & routing of heterogeneous EVs.	Arijit Mondal	Indian Institute of Technology Patna
52	Seamless integration of payment and activities in an educational campus through smart card and behavioral analysis of collected data.	Dr. Amit Dhar	Indian Institute of Technology, Bhilai
53	Design and development of a 'Shramik Bhugtan Seva Kendra(SBSK)' for timely payment to the beneficiaries residing in far-flung areas under various government scheme (Converted in Startup)	Dr. Nikhil Chander	Indian Institute of Technology, Bhilai
54	AI based geo-enabled crop insurance and farm equipment renting solutions under BhoomiCam Pvt. Ltd. Startup (Converted in Startup)	Dr.Siddhartha Khare	Indian Institute of Technology Roorkee
55	Vibration Analysis of motors using machine learning	Prof. Trapti Jain	Indian Institute of Technology Indore
56	Blockchain based Seed Traceability along with IoT enabled Precision Agriculture and AI Powered Lending/Renting of Farm Implements (Converted in Startup)	Dr. Ravi Saxena	Indira Gandhi Krishi Vishwavidyalaya Raipur
57	Application of thermal radiography and AI for detection of surface defects in blooms/ billets during continues casting process	Dr. Rahul Jain	Indian Institute of Technology, Bhilai
58	Augmenting Livelihoods through GI: A case study on Chhattisgarh	Dr. Anubhav Pradhan Sonal Jha Dr. Anindita Ghosh S. Paul	Indian Institute of Technology Bhilai
59	Blockchain based healthcare funding and Seamless Medical Claim Settlements and Reimbursement through Data Locker	Dr. D R Ramesh Babu Milind Madhukar Deore	Dayanand Sagar College of Engineering, Bangalore
60	Co-lending platform for meeting the priority sector goals of India	Dr. Vijaya Bhaskar Marisetty	Indian School of Business. Hyderabad

61	Healthcare Empowerment through Real-time Insurance Assessment	Dr. Sanjay Moulik,	Indian Institute of Information Technology Guwahati
62	Development of mHealth Solution in Remote Tribal Areas of Manipur through a Customized Mobile Solution	Dr. Benjamin Shimray,	National Institute of Technology Manipur
63	Smart Health Solutions for Cattle	Mr. Golmei Shaheamlung,	Manipur Technical University
64	Indigenous Medicines of the North Eastern India: From Traditional Knowledge Transfer(T-KT) to the Sustainable Livelihoods Among Schedule Tribes (ST) Communities of Assam and Meghalaya via Fintech	Mr. N K Kaphungkui,	Dibrugarh University Institute of Engineering and Technology
65	Development of an UPI Integrated Mechanism to Increase GST Compliance	Dr. Rantu Hazarika,	Dibrugarh University
66	A Blockchain Based Rating Framework For Transparency and Credibility of Financial Transactions in Self Help Groups(SHG's)	Mr. Melur Phangcho,	Cotton University
67	Monitoring Pineapple Cultivation and Harvesting using Drone	Dr. Lithungo K Murry,	National Institute of Technology, Nagaland
68	Supply Chain Management for Agricultural Products of Mizo Farmers using Blockchain and Machine Learning	Dr. R . Lalchhanhima,	Mizoram University
69	Design and Develop of AI-based Applications for Medicinal Plant consumed by Bodo Community Residing in BTR Assam used in Daily Basis	Mr.Rinku Basumatary,	Bodoland University
70	An application platform for cold storage service of perishable food items for the rural street vendors of Guwahati, Assam	Dr. Debojit Boro,	Tezpur University
71	Smart Task Management for the unorganized workers in Mizoram	Mrs. Vanlalmuansangi Khenglawt,	Mizoram University
72	Scalable, Indigenous and Driver-Friendly Ride-Hailing Application	Dr. Sijousa Basumatary,	Bodoland University
73	Sustainable Smart Parking Solution for Aizawl City	Dr. Morrel V L Nunsanga,	Mizoram University

74	Leveraging AI/ML for Customized Credit Assessment of the Bodo Tribe in the Bodoland Territorial Region	Mr. Raju Narzary, Mr. Deepak Hajoary,	Bodoland University
75	Modelling and Visualising Bodo Tourism and Marketing Bodo Souvenirs with Fintech-Based Solutions Using AR and VR Technology in the Bodoland Territorial Region(BTR)	Dr. Yachang Omo,	Central Institute of Technology Kokrajhar
76	Inclusive Fintech- Bridging The Gap in Communities through Order Financing	Dr. Deboraj Muchahary,	National Institute of Technology Raipur
77	Financial Empowerment in Meghalaya: AI-Powered Multilingual E-Marketplace for Tribes	Dr. Basil N. Darlong Diengdoh,	National Law University Meghalay
78	Economic Optimization Platform for Public Transport System of Mizoram (Converted in Startup)	Dr. Lalhruaizela,	National Institute of Technology Mizoram
79	“NagaConnect: Integrated Common Application Platform for Boosting Employment and Business Opportunities in Nagaland	Mr. Chenlep Yakha Konyak,	Nagaland University
80	Development of the Online Mithun Trading Platform for Arunachal Pradesh	Dr. Marpe Sora,	Rajiv Gandhi University, Arunachal Pradesh
81	Integrating Khasi Language into Fintech Technologies through Speech Translation	Ms. Fidalizia Pyrtuh,	North Eastern Hill University
82	Empowering Northeastern Artisans and Farmers: A Blockchain-Powered Marketplace	Dr. Phrangboklang Lyngton Thangkhiew	Indian Institute of Information Technology Guwahati
83	Enhancing Agriculture Practices in Mizoram Towards Sustainable Development Using Machine Learning and Deep Learning	Dr.V.D.Ambeth Kumar	Mizoram University
84	Empowering Meghalaya's Tribal Artisans and Farmers with a Secure Blockchain-Fintech Solution	Dr Sainkumar Mn Mawiong	North-Eastern Hill University, Shillong
85	“Traditional knowledge of medicinal plants consumed by primitive tribes of Bastar Chhattisgarh: Development of database and strategy for value addition and sustainable livelihood via Fin-tech” under the Tribal Area Sub plan (TSP)	Dr. Nagendra Kumar Chandrawanshi	Pt. Ravishankar Shukla University, Raipur
86	“Design And Development of IoT Accessed Secure E-Finance Platform for Managing Severe Acute Malnutrition among Vulnerable Tribes Population in Chhattisgarh	Dr. Chandrashekar Jatoth	National Institute of Technology Raipur

87	Design and Implementation of Financial Tracking and Management E-platform for Chartered Professional Accountants	Dr. NingrinlaMarchang	North Eastern Regional Institute of Science and Technology
88	AI-Driven Financial Empowerment: FinTech for All: Improving Financial Literacy & Inclusion in the Scheduled Tribe Community and Development of an AI-Based Mobile Application	Dr. Sunil Kumar Kumeti	Pt. Ravishankar Shukla University Raipur (C.G.)
89	Development of a software platform to connect housemaids to the prospective employers	Dr. Davidson Pyngrope	North Eastern Hill University-Shillong
90	A Platform For Cost-Efficient Public Health Service Delivery in Mizoram(Converted in Startup)	Dr. K Vanlalawmpuia Dr. Lalhruaizela	National Institute of Technology Mizoram.
91	NE-Finance: Empowering the North-East through P2P Lending	Dr. Juwesh Binong	North-Eastern Hill University (NEHU), Shillong
92	Model Digital Training Center for Women	Dr. Thounaojam Rupachandra Singh	Manipur University
93	IoT & AI Based Cost Benefit Analysis Platform for Sustainable Agriculture in Mizoram	Dr. R. Chawngsangpuui	Mizoram University
94	A Fintech Application for Cost Benefit Portfolio Suggestion Regarding Locally Available Aggregate by Quality Assessment and Modified Concrete Made of Recycled Waste and Bamboo as Partial Replacements Versus Traditional Concrete	Dr. Ricky Lalthazuala	National Institute of technology, Mizoram
95	AI assisted end to end Fintech assistance solutions for farming system for oil seeds (mustard, sunflower, etc.) cultivation in Mizoram	Dr. Chaitali Koley Dr. Sushanta Bordoloi	National Institute of Technology Mizoram
96	Development of a Deep Learning Model for Diabetic Retinopathy Detection in Mizoram	Dr. Lalhminglana	Mizoram University
97	“Mao language Automatic speech recognition (ASR)” under the Tribal Area Sub Plan (TSP)	Sinawon Raiping Dr. Yambem Jina Chanu	National Institute of Technology, Manipur
98	“UAV Assisted Emergency Resource Allocation for Remote Tribal People in Disaster for Bastar areas of Chhattisgarh” under the Tribal Area Sub Plan (TSP)	Dr. Mou Dasgupta	National Institute of Technology, Raipur

99	“Design and Development of Blockchain System for Monitoring and Protecting of Scheduled Tribal Land Records of Srikakulam, Visakhapatnam, Adilabad, Mahbubnagar regions of Andhra Pradesh and Telangana	Dr. E. Suresh Babu	National Institute of Technology, Warangal
100	“Development of cost analysis-based tools for enhancing the accessibility of medicine in the tribal population of Chhattisgarh	Dr. Rakesh Tirkey	Pt. Ravishankar Shukla University, Raipur, Chhattisgarh
101	“Development of Rongmei/Kabui, English and Manipuri Multilingual Electronic Dictionary	Dr. Raju Rajkumar	Pravabati College,
102	“Development of IoT based Smart Compact Energy Meter (ISCEM) for Monitoring and Controlling the Power Quality Issues in a Smart Building	Dr. Pradeep Kumar	National Institute of Technology Sikkim
103	Economic Upliftment of the Tribes Residing in Balrampur District Through their Cultural Heritage	Dr. Nitesh Kumar Mishra	Pt. Ravishankar Shukla University, Raipur
104	Adaptation of Indigenous and Local Knowledge Systems and Fintech Solutions for Comprehensive Tribal Development in Chhattisgarh State	Prof. Harshit Sosan Lakra	Indian Institute of Technology, Roorkee
105	“Novel Strategies to Tackle Water and Soil Contamination by Health Hazardous Pollutants using Computational Tools a Small Steps Towards Sustainable Agricultural Practices” under the Tribal Area Sub plan (TSP)	Dr. Hemanta Kumar Kisan	Indian Institute of Technology, Bhilai
106	“Digital Agri Village - Advancing the Digital Transformation of Agriculture in Tribal Dominating Areas of Chhattisgarh” under the Tribal Area Sub plan (TSP)	Dr. D. P. Singh Dr. Ravi R Saxena	Indira Gandhi Krishi Vishwavidyalaya, Raipur
107	“Healthcare and Community Medicine Empowerment of Underprivileged Tribal-Population: Biological Validation of Cancer and Sickle Cell Anemia” under the Tribal Area Sub plan (TSP)	Dr. Ramasamy Mayilmurugan	Indian Institute of Technology, Bhilai
108	“Development of a Platform for Tripura’s Handicraft Empowerment using Ensemble Technologies	Dr. Somen Debnath Dr. Abhishek Majumder	Tripura University, Agartala, Tripura
109	“Large Language Model (LLM) for Disease Management and Improved Healthcare Services for Bhartiya Adivasi Communities”	Prof. Nitin Kumar	Dayananda Sagar College of Engineering, Bangalore

110	“Economic Feasibility Study and Process Parameter optimization for Mahua flower-based Ethanol production for the Upliftment of Tribals of Chhattisgarh” under the Tribal Area Sub plan (TSP)	Dr. Chetankumar Pratapbhai Patel,	Indian Institute of Technology, Patna
111	“Development of an Intelligent System for Weather Forecasting, Smart Farming And Information Dissemination for the Scheduled Tribe Community of Barak River Basin using Satellite Image Processing, ML and IoT” under the Tribal Area Sub plan (TSP)	Dr. Somanth Mukhopadhyay	Assam University, Silchar
112	“Understanding Fintech and training Based intervention to develop Financial Inclusiveness among Scheduled Tribe population of Mohla-Manpur-Ambagarh Chowki District” under the Tribal Area Sub plan (TSP)	Mr. Om Prakash Rana	Govt. L. C. S. PG College, Ambagarh Chowk
113	“Training and Skilling Manpower for Smart Solid Waste Management in Urban Hilly Areas” under the Tribal Area Sub plan (TSP)	Dr. H.Lalhminsanga	National Institute of Technology, Mizoram
114	“Empowering Indigenous Bastar Art for Socio-economic Upliftment of ST Communities of Chhattisgarh” under the Tribal Area Sub plan (TSP)	Dr. Shailesh Mani Pandey	National Institute of Technology Patna
115	DASH- Digital Cash Solutions Based on CBDC	Dr.Dhiman Saha	Indian Institute of Technology Bhilai
116	Scaling the sustainable Smart parking Solution for Urban mobility in Aizawl and beyond	Dr. Morrel VL Nunsnga	Mizoram University
117	Development of a Financial Platform Leveraging Geospatial Technology for Supply Chain Analytics in Food Logistics and Crop Health monitoring by Bhoomicam Pvt Limited	Dr. Siddhartha Khare	Indian Institute of Technology, Roorkee
118	Precision AgriHub: Smart Farming Solutions For Smallholders with IoT, AI and Data driven Insights	Dr. Ravi R Saxena Dr.Udayraj	Indira Gandhi Krishi Vishwavidyalaya Indian Institute of Technology Bhilai
119	Predictive Analysis & Fintech Integration for Enhanced Emergency Department Efficiency	Dr. Naman Agrawal	All India Institute of Medical Sciences Raipur
120	Generative AI-Powered Interactive Support For Banking & Insurance Services in Hindi & Kannada Regional Language	Dr. K. T Deepak	Indian Institute of Information Technology, Dharwad
121	TrustInn: Umbrella Industry Tool for Validating Blockchain System	Dr. Sanghratna Godbole	National Institute of Technology, Warangal

