

**Department of Computer Engineering****Major Project Details - Academic Year- 2026-27**

Group No.	Roll No.	Name of the Student	Title of the Project	Category -I (Internal/External), If external, mention Name of the Organization	Name of the Guide	Category-II Application /Product/ Research	SDG Mapped
1	1023162	Siddhi Mankar	Brain Computer Interface using DIY Neuroscience kits for Thought to Word to Sentence to Speech Pipeline	eMerging Open Tech Foundation	Mrs.Praveena S M	Application	3,9,10
	1023166	Kavya Gadhave					
	1023167	Gaurav Choithramani					
	1023172	Anjan Thakur					
2	1023157	Aadit Amit Lele	LLM Observability Node	eMerging Open Tech Foundation (External)	Mrs.Praveena S M	Product	8,9,12
	1023224	Subhransu Shekhar Sudarsan Patro					
	5023134	Divyam Navin					
	5023136	Atharva Palve					
3	1023257	Shreyas Thale	Financial Assistant Agentic Workflows	Infinity/Pool Fintotech	Dr. Chhaya Pawar	Application	9,10
	1023212	Akshath Narvekar					
	1023209	Allen Peter Nadar					
	1023204	Aarya Mhatre					
4	1023228	Krish Nilesh Pinto	Business Function Agentic Workflows	Infinity Pool Fintotech	Ms. Chetana Badgujar	Product	8,9
	1023139	Jerin Reji					
	5023146	Samuel Rodrigues					
	5023166	Ved Teredesai					
5	1023117	Atharva Chavan	Meridian - AI Hallucination Reduction System	Arcaisys	Dr. Smita Dange	Product	8, 9, 12
	1023120	Savio David					
	1023122	Aaron Coutinho					
	1023142	Joel Paulson					



Fr. C. Rodrigues Institute of Technology, Vashi

T-40

(An Autonomous Institute & Permanently Affiliated to University of Mumbai)

6	1023151	Samiksha Khandagale	AI-Powered Admission Competitiveness and profile optimizer	Internal	Dr. Chhaya Pawar	Product	4
	1023152	Shivangi Khandelwal					
	1023153	Shubham Khilari					
	1023154	Racheal K odryan					
7	1023127	Kalpesh Eragi	Decentralized Manufacturing Resource Planning II (MRPII) System Using a Negotiating Multi-Agent Architecture	eMerging Open Tech Foundation	Dr. Kavita Shelke	Application	9,12
	1023125	Omkar Desai					
	1023235	Ethan Rodrigues					
	1023234	Riya Raju					
8	1023129	Riona Fernandes	Adaptive Vision Intelligence for Robust Automatic Number Plate Recognition Under Adverse Weather Conditions	Internal	Ms. Chetana Badgujar	Application	9
	1023131	David Ferrao					
	1023163	Kevin Mathew					
	1023165	Loyan Mendes					
9	1023107	Vanessa Bardskar	RAG-Based Legacy Code Understanding and Documentation Assistant for Software Developers	Industry Academia	Dr. Pravin Rahate	Application	4,8,9
	1023108	Vidushi Bhardwaj					
	1023110	Suman Bhowmik					
	1023155	Anuj Kulkarni					
10	1023211	Melissa Nadar	Application of GNN in collider experiment at LHC	Duke University	Dr. Shashi Dugad, Ms. Prachi Verma, Mr. Raj Mahesh Ramchandani	Research	9
	1023214	Niya Johnson Kolapran					
	1023227	Sumit Pawar					
	1023242	Shreyas Sawant					
11	1023203	Merin Rose George	Patch Sequencing and Buffering	Duke University	Dr. Shashi Dugad, Ms. Prachi Verma, Mr. Raj Mahesh Ramchandani	Research	9
	1023210	Hilda Nadar					
	1023218	Harsh Patil					
	1023222	Vedant Patil					



Agnel Charities
Fr. C. Rodrigues Institute of Technology, Vashi
(An Autonomous Institute & Permanently Affiliated to University of Mumbai)

T-40

12	1023208	Shifa Mulla	Application of YOLO in collider experiments at LHC	Duke University	Dr. Shashi Dugad, Ms. Prachi Verma, Mr. Raj Maresh Ramchandani	Research	9,4
	1023215	Bhumi Padwal					
	1023232	Jenita Rajan					
13	1023253	M. Najm Siddiqui	Agentic AI Procurement Solution	Fractal Analytics	Dr. Jyoti More	Product	8,9
	1023207	Anjali More					
	1023239	Vaidehi Sankaye					
	1023240	Niraj Sawant					
14	1023250	Anooj Shete	AI-Assisted GRC Platform with Continuous Network Monitoring	Internal & Inter-departmental	Ms. Bhakti Aher	Application and Research	8,9 & 16
	1023144	Deyon Tomy Joseph					
	1023256	Aarushi A Sontakke					
	3023131	Mrunmayi Khedkar					
	3023161	Joshua Thomas					
15	1023205	Sanil Mhatre	2nd Party Auditing Application	FoodChain ID	Ms. Bhakti Aher	Web Application (PWA)	3,12,9
	1022255	Sarvesh Shinde					
	1023171	Anisha Shinde					
	1023266	Vishali Roy					
16	1023132	Harshali Gaikwad	Agentic AI Adaptive Interviewer	SVIK(External)	Mrs. Shagufta Khaja	Application	8,9,10
	1023111	Payal Bichave					
	1023113	Bommisetty Naga Sri Satya					
	1023271	Arya Suryavanshi					
17	1023106	Joy Banerjee	Smart Energy Meter SoC Prototype with Autonomous Energy Optimization	Tattva Silicon	Ms. Bharati K.	Research/Product	7,9,11,12,13
	1023272	Samarthya Deore					
	3023162	Sharvari Wehkar					
	3023173	Prachi Pawar					
18	1023267	Om Prabhu	A Resource-Aware Platform for ML Job Execution and Deployment	Internal	Dr. M. Kiruthika	Application	9,4,12
	1023269	Ebadur Rehman Shaikh					
	1022250	Rehan Shaikh					
	1023158	Mohammed Faheem Madhia					



Agnel Charities

Fr. C. Rodrigues Institute of Technology, Vashi

(An Autonomous Institute & Permanently Affiliated to University of Mumbai)

T-40

19 A	1023149	Karthik Swaroop	Energy-Efficient Data Aggregation and Fault-Tolerant Communication for Multi-Robot IoT Networks	Defence Research and Development Organisation	Mrs. Shirin Matwankar	Research	9
19 B	1023259	Azeem Usmani	Episodic Memory Retrieval for Manipulation Task Generalization	Defence Research and Development Organisation	Mrs. Shirin Matwankar	Research	9
19 C	1023225	Arpit Pawar	Egocentric Skill Learning for Robot Manipulation	Defence Research and Development Organisation	Mrs. Shirin Matwankar	Research	9
19 D	1023230	Siddhen Pise	World Models for Robot Manipulation	Defence Research and Development Organisation	Mrs. Shirin Matwankar	Research	9
20	1023202	Nishan Menezes	Agentic AI Enabled Ocr for Document Digitization	Suraj informatics	Dr. Smita Dange	Research	4,9
	1023236	Sandra Rodrigues					
	1023252	Shone Thomas					
21	1023137	Jain Viral Kumar Mukesh Kumar	AgentPulse: A Runtime Security and Behavioral Trust Framework for AI Agents	Internal	Dr. Rakhi Kalantri	Research	9,16
	1023238	Sandra Kappani					
	1023258	John Prince					
	1023124	Deril Davis					
22	1023135	Gulve Mihir Sunil	Token – Optimized Multi Step LLM Agent Pipeline via RouteLLM- Based Dependency – Aware Routing	Internal & Inter-Departmental	Dr. M. Kiruthika	Research	9,12
	1023147	Shloka Karbhajan					
	1023159	Ayush Makade					
	1023221	Saket Patil					
23	5023117	Aditya Gupta	Integrated AI Based framework for knee osteoarthritis diagnosis	Internal	Mr. Rahul Jadhav	Research	4,9,12
	1023126	Sahil Devkar					
	1023133	Sanchit Gharat					
	1023160	Ranjeet Mali					
	1023161	Hrutuja Mandlik					



Agnel Charities

Fr. C. Rodrigues Institute of Technology, Vashi

(An Autonomous Institute & Permanently Affiliated to University of Mumbai)

T-40

24	1023270	Sakshi Sonkul	Procurement intelligence and fulfillment platform	Fractal Analytics	Dr. Rakhi Kalantri	Product	8,9
	1023219	Nikita Patil					
	1023247	Maanvi S					
	1023206	Sharon Mishra					
25	1023265	Aanshi Thomas	EDGE device - Based ANPR System for Number Plate Recognition	Suraj Informatics	Dr. Smita Dange	Product	4,9,11, 17
	3023129	Alfred Kerketta					
	3023108	Shubham Bhosale					
	3023135	Sankit koul					
26	1023260	Rhea Varghese	DocSentinal : AI Powered Intelligent Document Processing Platform	StockHolding Document Management Services Ltd	Mr. Mritunjay Ojha	Product	8,9,16
	1023231	Elvina Binoy					
	1023145	Justin Kunjumon					
	1023261	Ishaan Vivrekar					
27	1023119	Angeelo John Joseph Chiramal	LLM-based Model Recommendation for Machine Learning	Internal	Ms. Chetana Badgujar	Product	9
	1023114	C Lalbiaktlanga					
	1023237	Sairaj Balaso Sabale					
	1023223	Patrick Joshua David					
28	1022246	Graceton Santhmayor	Intelligent Diabetes Clinical Decision Support System	Internal	Mr. Rahul Jadhav	Research	3
	1023268	Rhian Roy					
	1023245	Advik Saxena					
	1023226	Pratham Pawar					
29	1023233	Reagan John Samuel	WasteSense AI: An Intelligent Waste Pollution Monitoring and Cleanup Decision Support System	Internal	Dr. Jyoti More	Product	3,11,12,14,15
	1023243	Siddhivinayak Pundlik Sawant					
	1023115	Cheryl Lawrence Cyprian Cardoza					
	1023156	Bipin P Kuruvilla					
30	1023264	Srujan Yadav	Real-Time Financial Insights and Anomaly Detection System Using Big Data Analytics	Internal	Dr. Pravin Rahate	Application	9, 8, 16
	1023263	Benedict Xalxo					
	1023130	Vian Fernandes					
	1023164	Mehta Kaushik					
31	1023103	David Almeida	ADVI : Autonomous Desktop for Visually Impaired	Internal	Mr. Mritunjay Ojha	Application & Research	9,10
	1023116	Anurodh Chandanshiv					
	1023143	Joel Yesudas					
	1023146	Stavan Kalkumbe					



Agnel Charities

Fr. C. Rodrigues Institute of Technology, Vashi

(An Autonomous Institute & Permanently Affiliated to University of Mumbai)

T-40

32	1023213	Parthana Nathar	Multimodal Explainable AI based Deepfake Detection and Digital Forensic Investigation System	Internal & Inter-Departmental	Ms. Ujala Patil	Application	9,16
	5023148	Rufus Ebenezer					
	5022104	Eric Alhat					
	5023102	Amal Benny					
33	1023148	Rohan Karkada	SentinelAI	Internal	Ms. Priyamvada Singh	Application	9
	1023138	Selena Jathanna					
	1023168	Joel Wilson K					
	1023102	Albert Antony					
34	1023150	Khaliya Akshit Rampal	Backend System for GPS Telemetry Data Acquisition and Storage	Suraj Informatics	Ms. Priyamvada Singh	Product	9
	1023241	Pranjali Sawant					
	1023248	Raghav Sharma					
	1023249	Sharon Saju					
35	1023251	Bethuel Shilesh	Agentic AI System for Technical Debt Prioritization	Internal	Dr. Rakhi Kalantri	Product	9
	1023136	Aarya Santoshkumar Hajgude					
	1023118	Aaralyn Sarin					
	1023134	Hrutiya Gite					
36	1023112	Christian V. Bohia	Power Quality Disturbance Classification using Machine Learning	Internal & Inter-Departmental	Dr. M. Kiruthika	Application & Research	3,9
	1023169	Allen Salmo Nadar					
	1023170	Ryan Norman					
	4023126	Tushar Rajendra Patil					
37	4023128	Sejal Sampat Pawar	Predicting Non-Newtonian Fluid Behavior in Human Blood Using PINN	Internal & Inter-Departmental	Mr. Siddiqui Amroz, Mr. Mritunjay Ojha	Research	3,9
	5023112	Kiera Decosta Meroin					
	1023217	Atharva Anilkumar Patil					
	1023216	Aditya Patil					
38	5023140	Siddhesh Pokharkar	Renewable Energy Analysis and Forecasting Platform	Internal	Dr. Jyoti More	Application	7, 9, 12
	1023220	Pratiksha Patil					
	1023109	Komal Bhat					
	1023105	Nashrah Ansari					
39	1023255	Anjali Singh	Vehicle Accident Prevention System	Internal	Dr. M. Kiruthika	Application	3,9,11
	1023201	Arayn					
	1023244	Yash Sawant					
	1022160	Raj Kamble					
39	1020269	Shalem Dmonte	Vehicle Accident Prevention System	Internal	Dr. M. Kiruthika	Application	3,9,11
	1022114	Bhatkar Md Ubay Md Noor					



Agnel Charities

Fr. C. Rodrigues Institute of Technology, Vashi

(An Autonomous Institute & Permanently Affiliated to University of Mumbai)

T-40

40	1023101	Aaron Antony Pulloppillil	Open Quantum Compiler Infrastructure (OQCI)	Internal	Dr. Neelam Joshi	Research and Application	9, 4, 17
	1023121	Chris Anil					
	1023104	Alookaran Joshua Jaison					
	1023128	Fernandes Andrew Francis Dominic					
41	1023141	Joel Joseph	Real-Time Camera-LiDAR Perception System for Indian Road Environments	Internal & Inter-Departmental	Ms. Nupur Gaikwad	Research and Application	9, 11, 3
	1023229	Tanishq Gideon Trevor Pinto					
	1023140	Jobin Job					
	3023151	Reuben Prasad					
42	4023118	Aditya Sunil Mendon	Agentic AI for Smart Procurement	Fractal Analytics	Ms. Nupur Gaikwad	Product	8, 9
	1023262	Kaustubh Sudesh Waje					
	5023113	Ashley Fernandes					
	5023139	Dikshant Phulpagar					
42	5023155	Ishwari Shinde					


Dr. Ravi K.
Name and Signature of
Project Coordinator


Dr. M. K. R.
Name and Signature of
Head of the Department