

CONCEPTS 2024 WINNERS

OTHERS		
2 nd RUNNER UP		
CO-OT0016	Zero :- An hybrid combination of electric and hydrogen bicycle	
College	Sandip Institute of engineering and management	
	Pratiksha khairnar	7057515730
	Manali songire	77750 80323
	Yash Dhake	9096710572
	Udhav Sharma	7006405535

1 st RUNNER UP		
CO-OT0001	Immersive Fire Safety: Simulation of Fire Drills in Virtual Reality	
College	MKSSS's Cummins College of Engineering For Women, Pune	
	Ahana Mazumdar	9112022606
	Sadhana Motaparti	8830415459
	Tanishqa Borse	9422346900

WINNER		
CO-OT1033	Implement file-level cloud tiering support in XFS file system using punch-hole IOCTL	
College	Pune Institute of Computer Technology	
	Gargi Mhaskar	9518308597
	Mokshad Vaidya	8208584852
	Vaibhav Mahajan	7038522474
	Soham Kulkarni	7721920812

MACHINE LEARNING AND PATTERN RECOGNITION (ML)		
2nd RUNNER UP		
CO-ML1025	Noise cancellation for Speech Enhancement in Indic Languages	
College	Pune Institute of Computer Technology	
	Aryan Dande	8975227450
	Ayush Gala	9769071867
	Omkar Bhosale	9822433280
	Sagar Abhyankar	9850136815

1st RUNNER UP		
CO-ML1039	Automated assessment of multimodal answer sheets in the STEM domain	
College	Pune Institute of Computer Technology	
	Aditya Ashutosh Kulkarni	7218614006
	Rajlaxmi Anil Patil	9822392341
	Ruturaj Sanjay Ghatage	9421975979
	Sharvi Yogesh Endait	9623042613

WINNER		
CO-ML0021	Disease Detection In Poultry Animals Using SmartPhone Camera Images	
College	K.K.Wagh Institute Of Engineering Education & Research, Nashik	
	Anushka Unhale	9975486405
	Khushi Karale	9607042002
	Tanuja Pagar	9370539562
	Tisha Katariya	7264965330

APPLICATION DEVELOPMENT (AD)		
2nd RUNNER UP		
CO-AD0005	Interstate Scholarship Portal	
College	Maratha Vidya Prasarak Samaj's Adv. Karmaveer Baburao Thakare College of Engineering, Nashik	
	Umesh Randhir Patil	9172895204
	Pratik Milind Joshi	9767773999
	Sohan Bharat Rajkule	9511650712
	Rutuja Sharadchandra Ahire	9359401684

1st RUNNER UP		
CO-AD1017	Wesnipe.ai	
College	Pune Institute of Computer Technology, Pune	
	Himanshu Shedge	9422031516
	Sarish Inamdar	8766813020
	Mandar Shinde	7499825833
	Shrey Shah	9359589948

WINNER		
CO-AD0008	BLOCKCHAIN POWERED CARBON CREDIT TRADING SYSTEM USING CAP-AND-TRADE MECHANISM	
College	K.K. WAGH INSTITUTE OF ENGINEERING EDUCATION AND RESEARCH	
	Hitesh Kailas Patil	8888041878
	Pushkar Sunilkumar Nikumb	9763271884
	Radha Prafulla Deshmukh	8975793768
	Samruddhi Appasaheb Pachore	9226806537

DIGITAL/IMAGE/SPEECH/VIDEO PROCESSING (DSP)		
2nd RUNNER UP		
CO-DS1016	Intelligent Hybrid Steganography Optimization Algorithm	
College	Pune Institute of Computer Technology	
	Anuja Mankar	7397872154
	Giaa Poddar	7043122957
	Neha Waghchoure	8308698163

1st RUNNER UP		
CO-DS1009	Anomaly Detection in Crowd Surveillance using Edge Computing	
College	Pune Institute of Computer Technology	
	Ameya Ghadge	9765397481
	Ayush Juvekar	8888385669
	Shrikant Bhadgoankar	866836272

WINNER		
CO-DS1028	Lip Reading to Text Annotations	
College	Pune Institute of Computer Technology	
	Abhishek Deepak Jain	9673586564
	Gaurav Boob	9403467505
	Somya Maheshwari	8793200734

EMBEDDED/VLSI SYSTEMS (ES)		
2nd RUNNER UP		
CO-ES1003	Design, Testing and Analysis of 8-Bit FinFET based Vedic Multiplier using Cadence	
College	Pune Institute of Computer Technology	
	Niveda Jitendra Pagdhare	9923371904
	Prachi Kautikrao Vitekar	9172418309

1st RUNNER UP		
CO-ES1005	Wrist Mounted Multimeter	
College	Pune Institute of Computer Technology	
	Akshata Suryawanshi	9011053543
	Harsh Bhoskar	9921783038
	Pranoti Bharade	9175934732

WINNER		
CO-ES0002	Microcontroller based protection system with IOT integration for user and load	
College	Pune vidyarthi grihas college of engineering and technology gkpiom pune	
	Shruti Upadhye	8669289394
	Siddhant Dhumal	7350370878
	Jay Hare	7709724157

COMMUNICATION NETWORK AND SECURITY SYSTEMS (CN)		
2nd RUNNER UP		
CO-CN1007	Distributed MQTT Broker: A Load-Balanced Redis-Based Architecture	
College	Pune Institute of Computer Technology	
	Rohan Mukund Doshi	9325712554
	Sanika Inamdar	7718984653
	Tanmay Karmarkar	8007946267

1st RUNNER UP		
CO-CN0002	Data Compression and Encryption using GPGPU	
College	Vishwakarma Institute of Technology, Pune	
	Atharv Natu	9881890683
	Harshal Sonawane	9975339361
	Manasi Patil	9172211767
	Uttkarsh Patel	8087996606

WINNER		
CO-CN0003	False Reduction in Intrusion Detection Systems	
College	MKSSS's Cummins College Of Engineering For Women, Pune	
	Anushka Erande	9921926655
	Disha Nikte	7620965824
	Ojasi Gokhale	7888145956
	Saniya Damle	9665755770

OPEN HARDWARE		
2nd RUNNER UP		
CO-OT1023	5-Level Cascaded H-Bridge Multilevel Inverter	
College	Pune Institute of Computer Technology	
	Aarti Jagtap	9405119460
	Kaushik Shroff	9527762680
	Ruchir Nagar	9890193341

1st RUNNER UP		
CO-OT1031	Mecanum Drive Robotic Arm Manipulator	
College	Pune Institute of Computer Technology	
	Sakshi Yadav	9975854754
	Shubham Vetal	9422313056
	Vishwajit Patil	9370324985

WINNER		
CO-OT0013	Car Security System and BAD's	
College	Pune Vidyarthi Grih Collage Of Engineering Nashik	
	Jeevan Aher	8956995131
	Sakshi Purushottam Jagadale	7620334704
	Shreyasi Mohan Bagul	8975339165
	Virendra Mahendra Dhanray	9730203194

OPEN SOFTWARE		
2nd RUNNER UP		
CO-ML0019	VidQuill – Transforming Press Releases with Automated Video Generation	
College	Pune Vidyarthi Griha's College of Engineering & Technology & G.K. Pate (Wani) Institute of Management	
	Aniket Gaudgaol	9028061503
	Kasturi Bhandare	9604389208
	Nisarg Kudgunti	9421556115

1st RUNNER UP		
CO-ML1083	Anomaly Detection in structured workloads like databases	
College	Pune Institute of Computer Technology	
	Dhananjay Singh	7774937898
	Ruturaj Panditrao	9529040494
	Shivakumar Ranade	8530011069

WINNER		
CO-OT1062	Implementation of mirroring (RAID1) in SPDK with LIBAIO io-engine	
College	Pune Institute of Computer Technology	
	Gauri Vijaykar	7499193610
	Gaurav Chawda	9220545005
	Siddhesh Kotkar	7620266631
	Yash Kalavadiya	8483818360

RURAL		
WINNER		
CO-OT0014	Furi-AR (Furniture + AR)	
College	DKTE Society's Textile and Engineering Institute.Ichalkaranji	
	Shreyas Deepak Mohite	9356979479
	Srujan Milind Hukerikar	7083465918

OTHER STATE		
WINNER		
CO-ES0008	DESIGN OF 4 BIT MAGNITUDE COMPARATOR USING TRANSMISSION GATE, PASS TRANSISTER AND DOMINO LOGIC	
College	VIGNANA BHARATH INSTITUTE OF TECHNOLOGY	
	A. SRILAXMI	9347907005
	B. SONY	8688848188
	A. SONY	7416962468