DIPEX-2024 Results

Section	Group	Prize	College	Project Title	District
Defence and Cyber Security	Degree	1st	Amrutvahini College of Engineering	High Speed UAV with Electric Coil Gun	Ahmednagar
Defence and Cyber Security	Degree	2nd	Bharati Vidyapeeth`s College of Engineering,Lavale, Pune	DEVELOPING A BOMB DETECTING AND DEFUSING MULTIFUNCTIONAL SMART SHOES [BDDMSS]	Pune
Defence and Cyber Security	Polytechnic	1st	Pimpri Chinchwad Education Trust`s Pimpri Chinchwad Polytechnic,Pune	VPN Sneak	Pune
Defence and Cyber Security	Polytechnic	2nd	Sharad Institute of Technology Polytechnic, Yadrav (Ichalkaranji)	Intelligent Combat Robot	Kolhapur

Section Name	Group	Prize	College	Project Title	District
Industrial Automation	Degree	1st	Pune Vidyarthi Griha`s College of Engineering and Technology, Pune	Design and Development of a Robotic Hand and corresponding control.	Pune
Industrial Automation	Degree	2nd	Sharad Institute of Technology	Real time modeling for all time one nation one ration dispenser system	Kolhapur
Industrial Automation	Polytechnic	1st	Shree Vitthal Edu. and Research Institute, College of Engineering (Polytechnic), Gopalpur, Pandharpur	Slotless Brushless DC Motor	Solapur
Industrial Automation	Polytechnic	2nd	Vidya Prasarak Mandal`s Polytechnic, Thane	PLC Based Jacketed Reactor Control System With IOT	Thane

Section Name	Group	Prize	College	Project Title	District
Energy	Degree	1st	SKN SINHAGAD COLLEG OF ENGINEERING KORTI TAL PANDHARPUR	High efficient Light weight dual axial wind turbine	Solapur
Energy	Degree	2nd	MIT ADT University	Pedal Operated Washing Machine	Pune
Energy	Polytechnic	1st	Shanti Education Society, A.G. Patil Polytechnic Institute, Solapur	Solar Power Auto Cycle Rickshaw	Solapur
Energy	Polytechnic	2nd	Gramin Shikshan Prasarak Mandal,Gramin Polytechnic, Vishnupuri, Nanded	Solar based hybrid efficient refrigerant less AC	Nanded
Section Name	Group	Prize	College	Project Title	District
Healthcare/Medical technology	Degree	1st	Sharad Institute of Technology College of Engineering, Yadrav(Ichalkaranji)	"Mobility-Minds: Unleashing potential with AI empowered stander for Palsy, Amyotrophic Lateral Sclerosis, Cauda Equina patients.	Kolhapur
Healthcare/Medical technology	Degree	2nd	Sharad Institute of Technology College of Engineering, Yadrav(Ichalkaranji)	Enhancing performance of Paralympic Sports persons by using hybrid cooling technique to reduce pressure ulcer	Kolhapur
Healthcare/Medical technology	Degree	2nd	Dattajirao Kadam Technical Education Society`s Textile & Engineering Institute, Ichalkaranji.	Eco-friendly Water Cooler and purification device with air humidifier	Kolhapur
Healthcare/Medical technology	Polytechnic	1st	Vidya Vikas Pratishthan Polytechnic, Solapur	"EssenceSync:Pioneering Personalized Wellness Technology"	Solapur
Healthcare/Medical technology	Polytechnic	2nd	Anjuman Hami-E-Islam`s Anjuman Polytechnic, Nagpur	TEMPRATE	Nagpur
Healthcare/Medical technology	Polytechnic	2nd	DKTE Society`s Yashwantrao Chavan Polytechnic, Ichalkaranji	Wheelchair contral by Head Motion	Kolhapur

Section Name	Group	Prize	College	Project Title	District
Sustainable Civil Infrastructure	Degree	1st	Tatyasaheb Kore Institute of Engineering and Technology, Warananagar	Study of Heat Transfer through Porous Brick Wall with Green Insulation Developed for Sustainable Infrastructure	Kolhapur
Sustainable Civil Infrastructure	Degree	2nd	Sanjivani Rural Education Society`s Sanjivani College of Engineering, Kopargaon	Integrating Grey water reuse system with electricity generation	Ahmednagar
Sustainable Civil Infrastructure	Polytechnic	1st	K.K Wagh Education Society`s K. K. Wagh Polytechnic, Nashik	Cloud based collaborative road surface monitoring using AI&ML	Nashik
Sustainable Civil Infrastructure	Polytechnic	2nd	Shanti Education Society, A.G. Patil Polytechnic Institute, Solapur	Piezoelectric and solar road	Solapur

Section Name	Group	Prize	College	Project Title	District
Waste Management	Degree	1st	Pune Vidyarthi Griha`s College of Engineering and Technology, Pune	Autonomous Rover for Garbage Collection	Pune
Waste Management	Degree	2nd	Sanjivani Rural Education Society`s Sanjivani College of Engineering, Kopargaon	Smart Waste Management and Awareness System	Ahmednagar
Waste Management	Polytechnic	1st	Sharad Institute of Technology Polytechnic, Yadrav (Ichalkaranji)	IOT Based Oil Skimmer & PH balancing System	Kolhapur
Waste Management	Polytechnic	2nd	Shri. Siddheshwar Deosthan Trust`s Siddheshwar Women`s Polytechnic, Solapur	Partial replacement of waste plastic and waste glass together as coarse aggregate in paver block	Solapur
Waste Management	Polytechnic	2nd	Government Polytechnic, Jalgaon	Water Genesis - Sea (salt) water desalination	Jalgaon

Section Name	Group	Prize	College	Project Title	District
Computational Intelligence/Cyber Security	Degree	1st	Sharad Institute of Technology College of Engineering, Yadrav(Ichalkaranji)	BodySync CNN : Anatomy's Tumor Prediction	Kolhapur
Computational Intelligence/Cyber Security	Degree	2nd	K. K. Wagh Institute of Engineering Education and Research, Nashik	EVIDENCE SHIELD: BLOCKCHAIN AND IPFS-BASED EVIDENCE PROTECTION SYSTEM FOR SAFEGUARDING WOMEN'S RIGHTS	Nashik
Computational Intelligence/Cyber Security	Degree	2nd	Dattajirao Kadam Technical Education Society`s Textile & Engineering Institute, Ichalkaranji.	Fake Image and Video Detection System	Kolhapur
Computational Intelligence/Cyber Security	Polytechnic	1st	Government Polytechnic, Pune	Presentation Pal : a handicapped friendly presentation revolution	Pune
Computational Intelligence/Cyber Security	Polytechnic	2nd	Government Polytechnic, Pune	Jarvis: Virtual Assistant for laptop	Pune
Section Name	Group	Prize	College	Project Title	District
Agricultural technology	Degree	1st	Sharad Institute of Technology College of Engineering, Yadrav(Ichalkaranji)	NOVEL SMART ALGAE BIO PANEL AND ITS GROWTH FORECASTING USING MACHINE LEARNING -A SUSTAINABLE SOLUTION	Kolhapur
Agricultural technology	Degree	2nd	Loknete Hanumantrao Charitable Trust`s Adarsh Institute of Technology and Research Centre, Vita,Sangli	AI-ML Decision System for Efficient Farming using crop Survey Data	Sangli
Agricultural technology	Degree	2nd	International School of Buisness and Media College of Engneering, Nande, Pune	FarmSmart: Transforming Agriculture with Technology Integration	Pune
Agricultural technology	Polytechnic	1st	Government Polytechnic, Aurangabad	Portable battery operated power Tiller	Aurangabad
Agricultural technology	Polytechnic	2nd	Government Polytechnic, Ambad	SELF CHARGE AGRICULTURE SPRAY PUMP	Jalna

Section Name	Group	Prize	College	Project Title	District
Mobility	Degree	1st	Jai Mahakali Shikshan Sanstha, Agnihotri College of Engineering, Sindhi(Meghe)	Bike safety system	Wardha
Mobility	Degree	2nd	Sharad Institute of Technology College of Engineering, Yadrav(Ichalkaranji)	A Modular Reconfigurable Staircase Climbing Wheelchair	Kolhapur
Mobility	Degree	2nd	Modern Education Society`s College of Engineering, Pune	DESIGN AND DEVELOPMENT OF TESTRIG TO TEST FOR THERMAL MAPPING OF BATTERIES	Pune
Mobility	Polytechnic	1st	Vidya Vikas Pratishthan Polytechnic, Solapur	Tech Savvy: Smart Trolley 2.0 Innovation System	Solapur
Mobility	Polytechnic	2nd	Shree Pandurang Pratishthan, Karmayogi Polytechnic College, Shelvhe, Tal.Pandharpur	Elimination of Fire Hazards in E-vehicle	Solapur

Section Name	Group	Prize	College	Project Title	District
Open Innovation Section	Degree	1st	Sipna Shikshan Prasarak Mandal College of Engineering & Technology, Amravati	AI-driven virtual hand gesture mouse	Amravati
Open Innovation Section	Degree	2nd	PVGs COET & GKPIOM, Pune	Smart Ladder	Pune
Open Innovation Section	Polytechnic	1st	Zagdu Singh Charitable Trust`s Thakur Polytechnic, Mumbai	drishti - a braille printer	MumbaiSuburban
Open Innovation Section	Polytechnic	2nd	Ankush Shikshan Sanstha`s G. H. Raisoni Institute of Engineering & Technology, Nagpur	Smart helmet	Nagpur

Section Name	Prize	College	Project Title	District
ITI	1st	Government ITI, Nandgaon, Khandeshwar	Shetkari Mitra	Amravati
ITI	2nd	Government ITI, Jalna	Portable AC	Jalna
ITI	2nd	Government ITI, Bhusawal	Utility Tools Kit (Human Carrier Portable Jack)	Jalgaon
ITI	Consolation	Government ITI, Parali Vaijnath	Automatic Irrigation	Beed

Special Awards	Section	College name	Project Name	District
Best Inudstry Sponsored Project	Industrial Automation	Government Polytechnic, Nashik	LASER ENGRAVING MACHINE	Nashik
Women Award for Technological Innovation (WATI)	Open Innovation Section	Gramin Polytechnic, Vishnupuri, Nanded	Sign Learn	Nanded
Shodh	Agricultural technology	Shree Vitthal Edu. and Research Institute, College of Engineering (Polytechnic), Gopalpur, Pandharpur	Green Shelf for Fruits & Vegetables	Solapur
MSBTE Award	Industrial Automation	Walchand College of Engineering, Sangli	Dimensions of Innovation with 3D Printing	Sangli
General Championship		Sharad Institute of Technology College of Engineering, Yadrav		Ichalkaranji