

Savitribai Phule Pune University

Design Innovation Centre

Design Innovation Centre
Savitribai Phule Pune University
Ganeshkhind Road
Pune-411 007 (INDIA)



Tel : +91 (20) 25601442
Email : dic@unipune.ac.in

ABHIKALP 2020

Winners List

Themes:

A. Agriculture & Rural Development, Food Processing

| Rank | Project Name | Student Name | Institute Name |
|--------|--|--|---|
| First | Smart Farm Management & Automaton | Tanay Rajwal, Amit Thakur Nachiket Kulkarni | Vishwakarma Institute of Technology, Pune |
| Second | Smart Maize Planter | Sagar B. Thakare | SNJB's Late S. K.B.J. College of Engg. Chandwad, Nashik |
| Third | Crop Waste Mulcher for Fruits Farming | Shirke Darshana, Navale Kaveri, Gungal Parimal, Thakare Sagar , | SNJB's Late S. K.B.J. College of Engg. Chandwad, Nashik |

B. Waste Management, Clean Water

| Rank | Project Name | Student Name | Institute Name |
|--------|---|--|---|
| First | Banana Peel Organic Shoe Polish | Nikhil Magar, Rushikesh Labade | C. T. Bora College, Shirur |
| Second | Automatic Waste Segregator & Monitoring System | Jiyot Babrah, Shweta Narkhede, Anagha Navale | |
| Third | Arroser Filter | Vardhaman Lunawat | Vishwakarma Institute Of Information Technology, Pune |

Co-ordinator
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C. Robotics & Drones, Smart Vehicle, Security & Surveillance, Smart Communication, Renewable Energy

| Rank | Project Name | Student Name | Institute Name |
|--------|---|--|--|
| First | Multipurpose CNC | Prafulla Saste Chetan Mandloi | Savitribai Phule Pune University, Pune |
| | Tutoring Robot using Speech Recognition & Image Visualization | Krishna Nimbalkar, Akshada Patil, | Pimpri Chinchwad College of Engineering, Pune |
| Second | Smart Vehicle Management System | Kshitij Thakur, Shreyas Dhadge, | AISSMS IOIT |
| Third | Smart & Efficient Techniques for Automated Guided Vehicle | Unnati Kulkarni, Revati Kulkarni , Aadesh Borate, Hemant Ghuge, | Government College of Engineering, Awasari Khurd |
| | Keyless Bike Starter | Padmanabha Bangad | JSPM, Wagholi |

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D. Healthcare & Biomedical Devices

| Rank | Project Name | Student Name | Institute Name |
|--------|--|--|--|
| First | Formulation & Evaluation of Herbal Lipstick | Namrata Amrute, Umesh Ahire | MGV's SPH College Of Pharmacy, Malegaon |
| Second | Dynamic Ankle Foot Orthosis with Functional Electrical Stimulation, TENS and Temperature (Heat or Cold) Therapy with Self-Stretching Strap | Dr. Sameer Karpe, Dr. Kashinath Sahoo | Krishna Institute of Medical Sciences, Karad |
| | DentoGel - Natural solution for post-dental extraction care - effectively stops bleeding and reduces pain. | Anagha Bhagat, Soheyla Zali | Fergusson College, Pune |
| Third | Enhance the performance of cancer and diabetes detection using machine learning | Samrudhi R. Kaware, Dr. Vinod S. Wadne | Savitribai Phule Pune University, Pune |
| | An Orthotic Device for Supporting a Joint of a User | Dr. Devayani Moghe, Dr. Kashinath Sahoo | Krishna Institute of Medical Sciences, Karad |

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