



Vighnahrata Trust's
**Shivajirao S. Jondhale Polytechnic,
Asangaon**



presents

TECHNOMELA - 2022

Project Competetion

Group 1- CO/IF/EXTC/ EE
Group 2 - CE/ME/AE

MAY 14 TH 2022 | AT 10.00 A.M.
VENUE - SEMINAR HALL



Compulsory participation for all final year students

Convenor

Mr. Naresh Shende - 9890379983

Mr. Kishor Farde - 7709962042

CHIEF PATRONS

Hon. Dr. Shivajirao S.Jondhale
President, Vighnahrata Trust

Mrs. Geeta Jondhale
Secretary, Vighnahrata Trust

Dr. Sneha H. Jondhale
Principal, SSJP Asangaon

TECHNOMELA-22 Project Competition

‘TECHNOMELA-22’ was organized by the Shivajirao S. Jondhle Polytechnic on 14th May, 2022 (Saturday). The exhibition was organized for 6th semester students. The main objective of this exhibition was to provide the introductory knowledge of the projects and provide an opportunity for the students to establish their learning experience. The outcome of the **PROJECT COMPETITION** was that students were able to show their project at higher level and the process boosted their self-confidence. Students of last semester of all Departments participated in the event of exhibition of projects. The projects were exhibited with physical model and posters. Students have actively participated and demonstrated their projects to Experts, Faculty Members and general audience comprising students of various branches.

Two Experts Asst. Prof. M. B. Hingu from GEC Rajkot and Mr. D. C. Patel, JE. From PGVCL and among with H.O.D. M. R. Jani and other faculties had evaluated each project and in return suggested some important improvements for one’s project.

Outcomes of the event:

The function has been a result of good hard work done by the Final Year Students who exhibited good enthusiasm to display their projects. All the students had presented their work very effectively; some of the projects are really up to the noticeable mark and can be converted to end product.

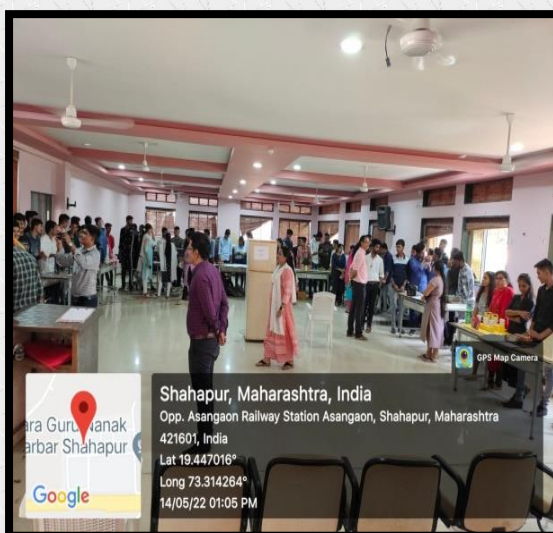
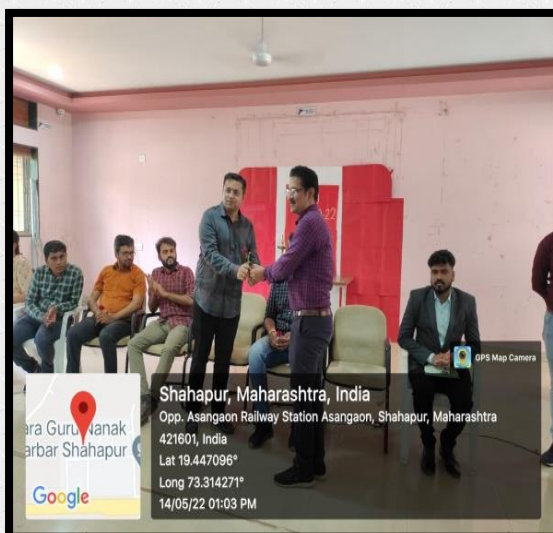
Such kind of event motivates the students to learn by self-experience and do some innovative work. All the activities have been organized in very nice manner. The ideas are taking a shape in form of projects; some of the projects are very useful for the society. It is really combination of theory and practical. Students can be inspired largely by such kind of activities and need to organize every year. The event became grand success with the support of Principal Mrs. Sneha H. Jondhle Madam, Vice-Principal Mr. Sandesh S. Bhadane Sir and HODs of all Department and all other Respected Faculty members.

All the experts appreciated the work done by the students. Experts motivated the students to convert their projects into end product. Experts had given guidance to the students about their working model and suggested some changes to make it more viable and useful for the society. All the experts selected best Project from each department based on their usefulness to the society and efforts students have done the projects for innovations.

Feedback from final year teams:

We all had demonstrated our work in the form of poster presentation demonstration of running model in front of Internal and External panel of Evaluator. It was an excellent experience to demonstrate work in front of Industrial expert and other review panel. Their valuable suggestions have really remained very useful for us.

GLIMPSE OF THE TECHNO-MELA



BEST PROJECT WINNERS



DEPARTMENT OF MECHANICAL ENGINEERING

PROJECT TITLE: TO IMPROVE CO-EFFICIENT OF

GROUP MEMBERS: 1) DURGESH JOSHI (TYME)

2) ANAND MEHTA (TYME)

3) MANAS LELE (TYME)



DEPARTMENT OF CIVIL ENGINEERING

PROJECT TITLE: PERVIOUS CONCRETE PAVEMENT

GROUP MEMBERS: 1) KHOT SHAHRAN (TYCE)

2) JADHAV JATEEN (TYCE)



DEPARTMENT OF COMPUTER ENGINEERING AND INFORMATION TECHNOLOGY



PROJECT TITLE: ANDROID BASE FINGURE PRINT DOORLOCK

GROUP MEMBERS: 1) PIYUSH DOKE (TYCM) 2) GAYATRI HIRE (TYCM)
3) RUSHIKESH VISHE (TYCM) 4) MITESH YASHWANTRAO (TYCM)

PROJECT TITLE: THE GALAXY VIDEOGAME

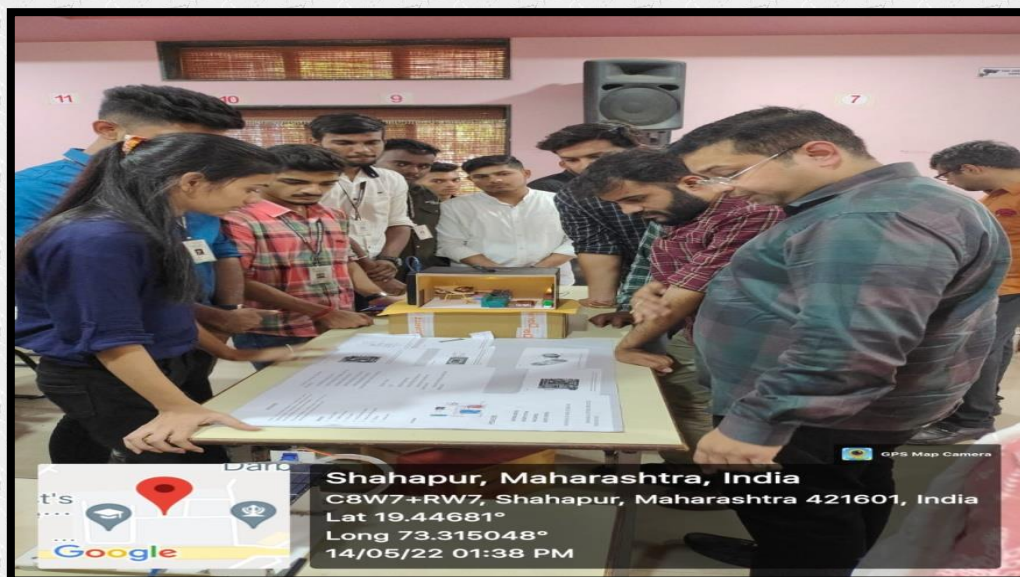
GROUP MEMBERS: 1) PRATHMESH KHAIRNAR (TYIF)



DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

PROJECT TITLE: HOME AUTOMATION OVER BLUETOOTH

GROUP MEMBERS: 1) HARSHAD PATIL (TYEJ) 2) PRATHAMESH DESHMUKH (TYEJ)
3) ATISH LOKHANDE (TYEJ) 4) TANUJA BHOIR (TYEJ)





DEPARTMENT OF ELECTRICAL ENGINEERING

PROJECT TITLE: OFF GRID SOLAR SYSTEM

GROUP MEMBERS: 1) BHAVYESH KHARKAR (TYEE) 2) SHIVAM DIXIT (TYEE)
3) PRATIK PATIL (TYEE) 4) KARAN TARE (TYEE)



DEPARTMENT OF AUTOMOBILE ENGINEERING

PROJECT TITLE: BOAT CAR

GROUP MEMBERS: 1) TANMAY PATIL (TYAE) 2) PRANAY HARALE (TYAE)
3) DIPTESH MANDHARE (TYAE) 4) CHINMAY CHAWHAN (TYAE)

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ऑटोमोबाईलच्या विद्यार्थ्यांनी बनवली बोट कार

जमीन व पाण्यावरही चालते कार

वाडा : ऑटोमोबाईल इंजिनियरिंगच्या तिसऱ्या वर्षात शिक्षणाच्या चार विद्यार्थ्यांनी जमीन व पाण्यावर चालणारी बोटकार बनवली असून तिची चाचणी यशस्वी झाल्याने विद्यार्थ्यांचे कौतुक केले जात आहे. तन्मय पाटील (चिंचघर पाडा, ता. वाडा), प्रणय हाराले (नवी मुंबई), दिपेश मांडरे (खांबाळा, ता. भिवंडी) व चिन्मय चव्हाण (डोबिवली) अशी या चार विद्यार्थ्यांची नावे आहेत.

शहापूर येथे शिवाजीराव जोधले महाविद्यालय असून वरील चारही विद्यार्थी ऑटोमोबाईल इंजिनियरिंगच्या तिसऱ्या वर्षात शिक्षण घेत आहेत. त्यांना महाविद्यालयाकडून प्रकल्प बनवायला सांगितला असता या चौघांनी एकत्र येऊन बोटकारची संकल्पना मांडली. त्यानंतर त्यांनी यूट्यूबवर सर्च करत १९८५ साली बनवलेली ब्रिटिशकालीन कार बघितली व त्याप्रमाणे त्यांनी एक वेगळ्या धाटणीची बोटकार बनवायला सुरुवात केली. यासाठी त्यांनी फायबर टँक, बॉक्स पाईप, स्पॅंडर दुचाकीचे इंजिन, फोमलॉक, लोडो टायर, कार्स्टिंग रॉड, मेटल प्लेट्स, डिस ब्रेक, चेन ड्राय व इको गाडीचे स्टिअरिंग असे साहित्य वापरून या चौघा विद्यार्थ्यांनी जमिनीवर व पाण्यावर चालणारी कार बनवली असून तिची चाचणी घेतली असता ती दोन्ही ठिकाणी व्यवस्थितरीत्या चालत आहे. ही कार बनवायला त्यांना वीस दिवसांचा कालावधी लागला असून

यासाठी २० हजारांचा खर्च आला आहे. यासाठी त्यांना इंजिनियरिंग कॉलेजचे शिक्षक दीपक पाटील, महेंद्र पाटील, शिवाजी अख्यर यांचे मार्गदर्शन लाभले. बोटकार यशस्वीपणे साकारल्यानंतर तिला प्रकल्पासाठी जोधले महाविद्यालयात ठेवण्यात आले आहे. या प्रकल्पाचे शिक्षक व विद्यार्थी कौतुक करीत आहेत.

यूट्यूबवर सर्च केल्यानंतर ब्रिटिशकालीन कार आम्हाला दिसली. त्यानंतर आम्ही चौघांनी वेगळ्या धाटणीची बोटकार बनवली आहे. ही कार जमीन व पाणी अशा दोन्ही ठिकाणी व्यवस्थितपणे चालते आहे.

- तन्मय पाटील, विद्यार्थी

Smart Palghar
Page No. 1, Date 01-03-2023