STUDENTS INNOVATION
List of Activities

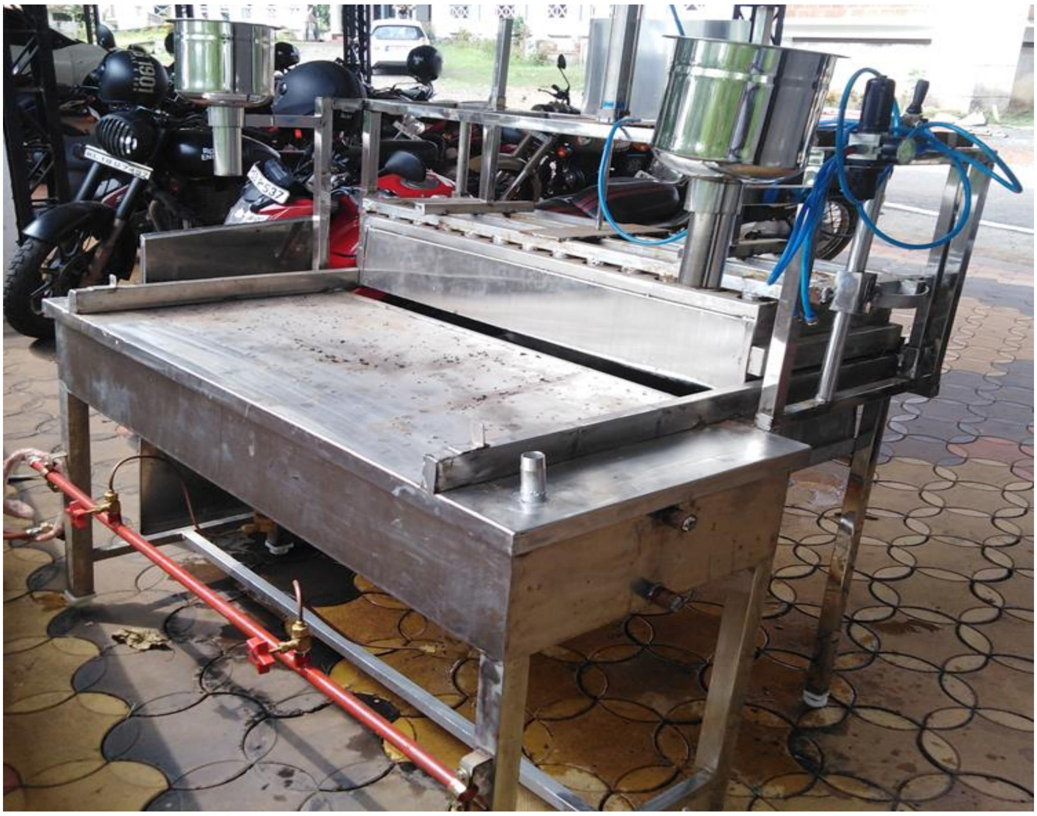
ACTIVITY 1: (Academic year -2021-2022)

As an initiative to promote self-employment, we distributed puttu making machines to the kudumbasree hotel in Eruvessi panchayath.

Need of the Activity:

Signature Not Verified

Principal.VJEC



Signature Not Verified

Principal.VJEC

ACTIVITY 2: **(Academic year -2021-2022)**

- OXYGEN CONCENT RATORPROTOTYPE

Need of the Activity:

കോവിഡ് പ്രതിരോധ രംഗത്ത് വീണ്ടും വിമൽജ്യോതിയുടെ സംഭാവന

ഓക്സിജൻ വേർതിരിച്ചെടുക്കുന്ന മെഷീൻ നിർമിച്ച് വിമൽജ്യോതി വിദ്യാർഥികൾ

വിപണിയിലുള്ള കോൺസൻട്രേറ്ററിന് 60,000 രൂപമുതൽ ഒരു ലക്ഷം രൂപയോളം ചെലവ് വരും. എന്നാൽ വിദ്യാർഥികൾ നിർമിച്ച ഈ മെഷീന് 26,000 രൂപയ്ക്ക് അടുത്തു മാത്രമേ ചെലവ് വരൂ.

OXYGEN CONCENTRATOR

PROTOTYPE

Second year students (2019-23 Batch) had successfully developed a prototype for Oxygen Concentrator.

The basic functionality of this machine is that it filters out the nitrogen in the atmospheric air and thereby providing oxygen rich air.

The aim of this project is compact in all terms i.e. compact in size, cost and weight. It should be affordable for a patient with a below average financial capability and should be with an average build quality

Signature Not Verified

Principal.VJEC

Thanks to the great support extended by our Management and Principal. The team members are:

Angitha N
Manas Tom
Ashik Benny
Jobin Joseph
Niswarth A. V
Dhanush C. H
Nevin Saji
Nayana Saji
Gopika Gopalakrishnan
Geethika T
Shilpa M Nair
Jeena Jeorge

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Principal.VJEC

ACTIVITY 3: (Academic year -2019-2020)

- **INNOVATION CHALLENGE-2K19**

The 'INNOVATION CHALLENGE-2K19' was conducted by the Department of Electronics and Instrumentation on 30th November 2019. Honorable manager of Vimal Jyothi Group of Institutions, Rev Fr. James Chellamkott, inaugurated the event in the presence of Head of the department, Staff and the students. Inauguration section is followed with a career guidance. Higher secondary students from various region participated in the Idea generation competition and the robotics workshop. Cash awards and certificates were distributed to the winners of the contest and participants of the workshop. The prize winner of Idea generation completion are; Athul George, Ajay Mathew, Rizwana K, Roveena Joy, Hansel Joshi from Sacred Heart HSS Angadikkadavu Chinthak R M from Ramavilasam HSS Chokli and Nithin Liju and Sebastian Shibu from St Mary's HSS Edoor.

Signature Not Verified

Principal.VJEC

ACTIVITY 4: (Academic year -2018-2019)

➢ **'Navayuva contest cum career guidance'**

The 'Navayuva contest cum career guidance'- 2019 was conducted by the Department of Electronics and Instrumentation in association with UNNAT BHARAT ABIYAN on 12th January 2019. Honorable Chairman of Vimal Jyothi Group of Institutions Fr. Dr. Thomas Melvettath inaugurated the event in the presents of Administrator Rev. Fr. Jinu Vadakkemulanjanal, Head of the department, Staff and the students. Higher secondary students from malabar region participated in the Idea generation competition and the robotics workshop. Cash awards and certificates were distributed to the winners of the contest and participants of the workshop. Selected student projects and lab instruments were exhibited for the participants during the event.

Signature Not Verified

Principal.VJEC