SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udupi)

Accredited by NBA | Accredited by NAAC with 'A' grade | Affiliated to VTU, Belagavi

Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka

Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.

SMVITM

3.4.1-Outcomes of Extension activities are in the neighborhood community, in terms of impact and sensitizing the students to social issues, for their holistic development over the last five years

Activity	Impact of Extension activities on students
Atal Tinkaring Lab	• Through projects and experiments conducted in ATLs, students acquire practical skills such as coding, electronics, robotics, 3D printing, and prototyping. These skills are essential for navigating the rapidly evolving technological landscape and are highly valued in today's job market. • ATL labs provide students with the opportunity to work on real-world problems and develop innovative solutions using modern tools and technologies. • One of the primary objectives of ATLs is to instill an entrepreneurial mindset among students. Through mentorship and guidance, students learn about the process of ideation, prototype development, market research, and business modeling. This prepares them to become future entrepreneurs and innovators. • The establishment of ATLs within schools can have a ripple effect on the entire school ecosystem. It can inspire teachers to adopt innovative teaching methods, encourage parental involvement in students' learning, and enhance the overall academic culture of the school. • Some ATL projects focus on addressing local community challenges, such as waste management, water conservation, healthcare, or renewable energy. By developing solutions to these challenges, students contribute to positive social impact and sustainable development in their communities

Principal

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INSTITUTION'S INNOVATION COUNCIL

ISTE

The Institution's Innovation Cell

and

Indian Society for Technical Education

in association with

Atal Tinkering lab
Karnataka Public School Hiriadka, Udupi

is organizing a hands-on workshop on

" ARDUINO APPLICATIONS "

Date: 12th January 2023
Time: 9.30 AM

Venue: Atal Tinkering Lab

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115

Activity Report

Academic Year	2022-2023
Name of the Program	Workshop on "ARDUINO APPLICATIONS"
Date	12-01-2023
Target Audience	Karnataka Public School students, Hiriadka, Udupi
Number of Participants	55

Detailed Report

The Institution Innovation Council and Indian Society for Technical Education in association with Atal Tinkering Lab, Karnataka Public School Hiriadka, Udupi organized a hands-on workshop on **"ARDUINO APPLICATIONS"** on 12th January 2023.

Mr. Sandesh Kumar, Sr. Asst. Professor, ECE Dept., along with students of SMVITM, Prasanna Shet, Ankitha Annappa Shet, Pratham, Rahul Manjunatha Poojari and Rimsha were the resource persons.

The students of SMVITM conducted a session on Arduino and its programming for around 55 students and they demonstrated various application circuits using Arduino kits. The students were divided into groups and were given an opportunity to do hands-on and learn how to program Arduino kits.
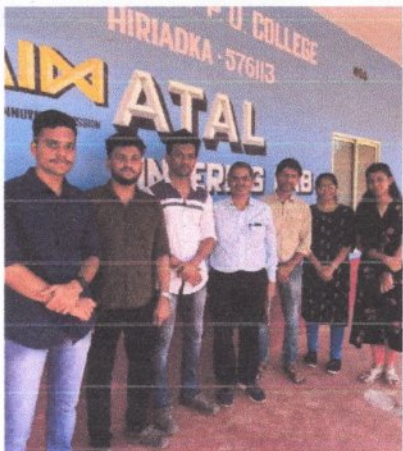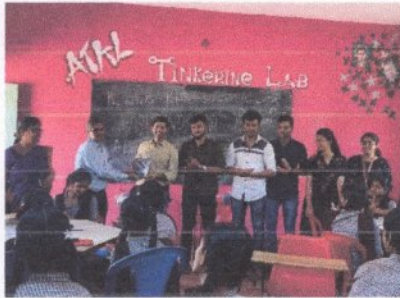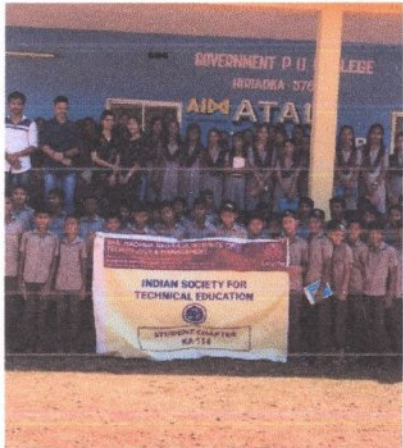
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SMVITM

Latitude	13.3551
Longitude	74.8680
Caption	"ARDUINO APPLICATIONS"

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SMVITM

**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

Academic Year	2022-23
Name of the Program	ATL WORKSHOP
Date	14-11-2022
Target Audience	Government composit Highschool Volakaadu
Resource Person	Mr. Ganesh Shetty and Students of SMVITM
Number of Participants	75

The Institution's Innovation Council has organized a workshop for the students of ATL, Volakaadu School on 14/11/2022. As the Mentor institution, the students of SMVITM visited the schools to support the tinkering activity. Large number of students participated and gained knowledge o on how to build simple ideas.

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Latitude	13.3340
Longitude	74.7524
Caption	ATL WORKSHOP

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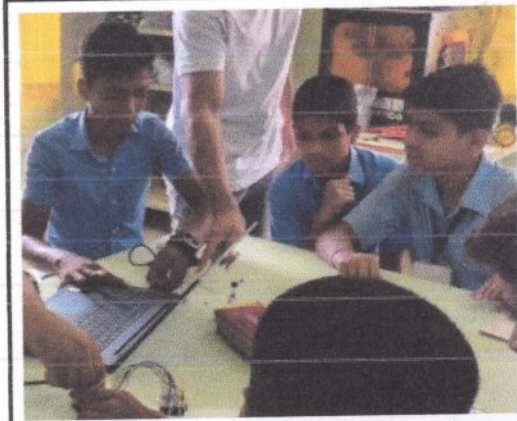## SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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Activity Report

Academic Year	2022-2023
Name of the Program	Workshop on "ARDUINO APPLICATIONS"
Date	21-01-2023
Target Audience	Government High School, Udupi
Number of Participants	60

Detailed Report

The Institution Innovation Council in association with Atal Tinkering Lab, Government High School, Udupi organized a hands-on workshop on **"ARDUINO APPLICATIONS"** on 21 th January 2023.

Mr. Arun Upadhyaya, Sr. Asst. Professor, ECE Dept., along with students of SMVITM, Prasanna Shet, Ankitha Annappa Shet, Pratham, Rahul Manjunatha Poojari and Rimsha were the resource persons.

The students of SMVITM conducted a session on Arduino and its programming for around 55 students and they demonstrated various application circuits using Arduino kits. The students were divided into groups and were given an opportunity to do hands-on and learn how to program Arduino kits.

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Latitude	13.3310
Longitude	74.7425
Caption	Workshop on "ARDUINO APPLICATIONS"

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