



Fatima College

(Autonomous)

Re-Accredited with 'A++'(CGPA 3.61) by NAAC (Cycle- IV)

College with Potential for Excellence (2004 - 2019)

101 - 150 Rank Band in India Ranking 2021 (NIRF)

Mary Land, Madurai - 625018, Tamil Nadu.



ECO SYSTEM FOR INNOVATION

THE RESEARCH CENTRE OF PHYSICS

Sensor Based Devices

The final year undergraduate students of the Research Center of Physics have designed the following sensor-based devices in their UG Project.

S. No	Particulars	Qty
1.	Fully Automatic Motion Sensor Hand free Sanitizer	1
2.	Automatic Light for Restroom	1
3.	Security Alarm for Door and Window	1
4.	Water Tank Overflow-Alarm	2
5.	Fire Alarm	1

Out of the above projects, the fully automatic motion Sensor hand free sanitizer is installed in the main lobby of the administrative block and automatic light for restroom was installed in the Principal's office on 9.3.2021.

Two water tank overflow alarms were installed in the roof top water tanks on either side of the administrative blocks on 20.03.2021.

Fire alarm is installed on the walls of Physics laboratory where heating experiments are carried out.



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Fully automatic motion Sensor hand free sanitizer



Water tank overflow alarm



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FATIMA INCUBATION ENTREPRENEURIAL SKILL TRAINING AND ANIMATION CENTRE

FIESTA

2020 - 2021

LIST OF ACTIVITIES

S.NO	DATE	ACTIVITY	NO. OF PARTICIPANTS
1	16.03.2021	Hands-on Training on Paper Recycling	5
2	17.03.2021	Hands-on Training on Paper Recycling	5
3	22.03.2021	Hands-on Training on Paper Recycling	5



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LIST OF PARTICIPANTS FOR TRAINING ON PAPER RECYCLING

16/3/21	Big bag - 1, Small bags - 2 (Meenakshi Joseph, Dept of Phy.)	50 + (25 x 2) = 100/-
II - BA. Economics		
K. Lavanya		
G. R. Pramika		
R. Jeya Bhavathi		
M. Lavanya		
P. Nivetha		
10 sheets were prepared.		
17/3/21	I. BA. Economics	
C. Kamatchi		
P. Hema malini		
M. Swetha		
R. Swetha		
T. Brithas Begam		
22-3-21	II. B.Com.	
A. Nimala Nancy		
A. Arul Jothi		
J. Elavarasi		
J. Santhana Angel		
V. Abitha		
7 Sheets were Prepared.		

22/3/21



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HANDS-ON TRAINING ON PAPER RECYCLING – 16.03.2021 & 17.03.2021

Shredded Papers converted to Paper Pulp using Hydra Pulper



Paper Pulp





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Paper pulp being converted to sheets



Sheets being dried in the shade





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Dried Sheets are ironed and mixed with colour



Colour Mixing





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Final Products – Elegant and Durable Paper Bags





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HANDS-ON TRAINING ON PAPER RECYCLING – 22.03.2021



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Students Learning the process of Paper Recycling


