

AMITY EDUCATIONAL RESOURCE CENTRE

**YRoNS 2019,
Amsterdam, Netherland**

PROJECT DETAILS FORM

School Name: Amity International School, India

S.No	Team Members	Team Leader	Project Title	Abstract (Max 200 words)	Teacher Advisor
1	Mrinal	Mrinal	Chromatography in forensic science	Nowadays, crimes related to forged documents are on rise. Any erasure, addition or modification in the document content always involves the use of writing instrument seen as ball point pens / markers. Hence there is a evident need to develop a fast and accurate ink analysis protocol to solve this problem. Using paper chromatography as a tool Rf value of ink pens used by each of the suspect is compared, using different solvents, with standard ink for identification.	Ms. SnigdhaPathak
2	Vedant				
3	Krish				
4	Shivain				

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1 2 3	Nalin Jayaswal Vivaan Taneja Ananya Agrawal	Nalin Jayaswal	Sustainable development through a Fertile Newspaper printed with Natural Ink.	Newspaper are a part of every household's daily life. In India this massive industry is growing at a rate of 6.6% per year. However this development also comes with a dark side. Newspapers are made of chemicals and dyes which are of petroleum origins. The 80% of newspapers which do not go to a recycling process end up releasing methane into the atmosphere which is a pollutant. Our innovation helps solve this problem by creating a newspaper which turns into a tree when the reader plants it. This is possible due to the newspaper being made of seed paper and natural inks of plant origins. This novel idea is combined with a distribution system to make it more viable to achieve the aim of making newspapers create more newspapers. The project thus aims to create a sustainable world by increasing literacy, developing new industries and cleansing the environment.	Radha Kumari

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1	SreemoyeeChatterjee	SreemoyeeChatterjee	Assessing Plant Growth under Artificial Light of different Colours	Light regulates crop growth, plant development, therefore managing light is critical to the production of crops grown in controlled environment. Using different coloured lights on moong plant their growth was monitored, and different light colours as a growth regulator was identified by using height, number of lateral branches and leaf area as growth parameters.	Ms. SnigdhaPathak
2	HenayshaChhabra				