

## **Y CScience Exhibition cum fair :- The training ground of Entrepreneurs.**

### **Objectives**

To impart the essentials of entrepreneurship to the students.

Provide an opportunity for the students to learn the basics of financial autonomy.

Combine the practical aspects of basic and allied sciences for the betterment of society.

Facilitate effective marketing of products and inventions conceptualized in the laboratory.

Create a direct link between lab and the community through the fair.

### **The context**

The yc fair cum exhibition a unique activity of the institute is in second year. The students are taught different commercial and applied aspects of a subject during their theory. Instead of just learning the concepts and putting them on paper the activity paves the path for the students to practice the concepts .

### **The practice**

Each department has its own products and inventions. Students are given an opportunity to showcase their inventions or products. They are displayed in the stalls of respective departments. The products are not only displayed as exhibits but their sale is carried out. At the end of the activity the students come together and after brain storming and audits they come to understand the marketing concepts. The efforts and profit obtained. They get to know some aspects of production, display and marketing which will be very useful to them in their future life. Some of the produces are easy to handle and store. They can be made and sold by single individual in very less space. This could provide the seeds of future growth of the student as an entrepreneur.

The exhibition cum fair was organized on 5<sup>th</sup> and 6<sup>th</sup> of October on the auspicious occasion of begening of centenary celebrations of Rayat Shikshan Sanstha. There were 36 stalls. The college also highlighted the current activities such as Autonomous college and its benefits, different activities of the institute for the benefit of students were also highlighted in the activities through NSS,NCC, Library, Earn and Learn and Competitive examination stalls. Other stalls were set up by different departments which displayed their products. Some mentionable projects of different departments wereas follows

Merge Cube ,Shock Therepy, Tesla coil and Electricity breaking system by Physics Department.

Moss Garden, herbal tea, syrups and oils by Department of Botany.

Tissue culture plants, preparation seeds for nursery and Spirulina cookies by Department of Biotechnology.

Application of Nanoscience in cancer treatment, hydrophobic thin film, supercapacitor by Nanoscience department.

Mix fruit pickles , Milk shakes, Icecreams, Choclates, candies, and instant food mixes were prepared by Food Processing and Packaging Department.

Probiotic Kulfi, Fermented Pickles, Antimicrobial face pack and other microbial products were prepared by Department of Microbiology.

Cocoon Handicraft items , honey tea and Vermiwash were prepared by Zoology Department.

Self balancing Robot, keyless smart bike starter, automatic water taps and gesture control Robot were prepared by the department of Electronics.

There were also stalls of B.Voc, Computer science, Library, English department, NCC and NSS.

Some prominent products and exhibits in stalls are as follows.

No	Department	Exhibits and products
1	Microbiology 3 stalls	Probiotic kulfi, street play, detergent, antimicrobial pack, candies, pickles, buttermilk, processed food.
2	Physics	Merge cube, shock therapy, tesla coil, electricity breaking system, solar system.
3	CIII	AI based spraying system, Augmented reality demo 3- D printine.
4	Electronics 2 stalls	Automatic weather station, smart helmet, IOT base system, robot, smart bike, smart cap, electronic quiz board, buzz wire game.
5	Computer science	Project based games,buzzer system, and best from e waste, demos and banners, puzzle game.
6	Food Processing and packaging 3 stalls	Pulao cube, shev, soya milk, instant mixes, chocolates, ice-cream, different edibles.
7	Chemistry	Household chemicals, soaps
8	Botany	Moss garden, momoj, herbal tea, passion fruit syrup. Herbal soap Herbal idli, herbal oil coconut barfi, herbal chocolates
9	Biotechnology	Seeds , spjruilina cookies, compost,ornamental plants, tissue culture plants.
10	Animation science	Jewelry Nail art craft and art. Mehandi
11	Computer science entire	Computer science entire USB pen drives, headphones, games CDs AUX cable, antivirus.
12	Nanoscience	Application in cancer, produces, solar panel , gene transformation model ,aerogel model hano in human body, supercapacitor.
13	English	Word puzzle, mobile accessorits, greeting cards , imitation jewellery
14	Statistics	Probability based games, smile with dice, solving equations,
15	Mathematics	Key chains, wall piece, greetings, mathematical games.
16	Forensic Science	Fingerp{nting patterns, balloon challenge, trap case awareness.
17	Zoology	Cocoon, feather handicraft, silk threads, greetings, guppy fish, honey tea, milk product, photographs, vermicomDost and vermiwash.
18	B.Voc	Website presentation, poster presentation ,memory game, mobile safety,
19	Jr. Voc	Glucometer, digital spymanameter.
20	Jr Mathematics	Puzzles and mathematical games.
21	Jr. Biology	Blood circulation model dialysis flex
22	Jr. Chemistry	Chocolates, gun and balloons, cart skeets,
23	Jr. Physics	Charts and models
24	Jr. Electronics	Robot, compounds of Li-Fi , Arduino controller.
25	Library	Book exhibition.
26	NSS	Activity report.
27	Competitive Exam	Quiz competition.
28	Short film	OIT information
29	Canteen 3 stalls	Edibles .

### Success

The activity received overwhelming success as on the first day the Alumni also visited the different stalls and relived their past days in presence of the department stalls. All students and faculty participated or visited the stalls. The exhibition was also visited by local schools and colleges. Approximate visitors were 10,000 during the two days.

This year on the basis of last years success and experience the number of commodities displayed for exhibition and sale showed marked increase. The number of games related to the respective subjects also increased. The students actively participated in the prepration of products, organization of games, preparation of posters and banners, arrangement in the stalls. The activity also inculcated team work, management of the stalls, economics and other enterpreunanship skills.

**Social relevance:** - One of the highlight was the presentation of street play by Department of Microbiology about importance of hygienic conditions.

**Problems encountered**

Considering the number of visitors the space has some limitations.