

Annual Report IIC 2022-2023

A. Vision /Mission


Setting up innovation council skill center in the institute will develop innovation and entrepreneurship among students and it will infuse new enthusiasm in them. the main objective behind setting up this IIC is to inspire and nurture young students to come up with new ideas to work with and convert those new ideas into businesses.

Our journey started in May 2023 with the formation of institute council of faculty members and students.

This year Gulab Jal, vermicompost and herbal Gulal made and sold by students. This was their first attempt. next year we are planning to expend this work in town level. This year sewing center was also established in which students firstly learned sewing and then with the help of their teachers they made college uniform for students in no profit no loss bases. In coming year. we are planning to elaborate this center as a startup for interested students.

B Key Functionaries at the IIC institute

Roles	Name	Department	Designation	Qualification	Experience in year
President	Prof Sharmila Sharma	-	Principal	Doctorate	
Vice President	Dr. Padma Saxena	Zoology	Head of the department	Doctorate	21
Innovation Activity	Prof Rekha Arya	Botany	Head of the department	Doctorate	23
IPR Activity Coordinator	Prof Umme Kulsum	Economics	Professor	Doctorate	22
Convener	Dr. Mamta Srivastav	English	Assistant Professor	Doctorate	27
Member	Shri Rakesh Sharma	Office	Steno	Post Graduate	25
Member	Shri Parag Jauhari	Library	Library Assistant /Officiating Librarian	Graduate	25
Social Media	Prof Seema Agarwal	Music	Professor	Doctorate	22
Internship Activity Coordinator	Prof Geetika Singh	Home Science	Head of the department	Doctorate	34
Start up Activity Coordinator	Prof Viniti Gupta	Chemistry	Professor	Doctorate	17


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C. Total no of IIC Members:

Total no of faculty mentors from portal

D. Entrepreneurship and Innovation Council of Students

Prof Umme Kulsum

Dr. Mamta Srivastava

Km Kavya Sharma

Km. Gauri Sharma

Km. Arpita

Km. Gunjan Sharma

Km. Himshikha Gupta

E.

1.The herbal gulaal preparation project was financially supported by Professor Rekha Arya with the initial seed money of Rs. 10000/- .

2.The Gulab Jal project was financially supported by Professor Viniti Gupta with the initial seed money of Rs. 5000/- .

F. Faculty members and their achievement

1. Prof Rekha Arya: Taught how to make herbal gulaal to students and encouraged them to make themselves.

2. Prof Seema Agarwal : Established Sewing center so that students can get employment.

3. Prof Viniti Gupta : Taught how to make Gulab jal to students and encouraged them to make themselves.

G. Best Innovation of the institute

1. Herbal Gulaal :

1.Number of students involved :158

2. Students learning period: 3 months

3.Input (cost) : 9800/-

4.Price (Sale): Rs 100 /- per 120 grams

5.Profit : 20 percent

6.Equipment used : dry Mixer grinder, sieves of different grades, containers for coloring and drying the gulal

7.Raw material used : dried flower petals, Arrow root Starch, food grade colors, itras of gulab, khus, chandan, lavender and mogra,

8.How much production : 28 Kg

9. In how many days this work of the students was completed :25 Days

2. Gulab Jal

1. Number of students who were involved in the preparation of Gulab Jal: **7 students**

Yaddhapi Singh, Sanjana, Saraswati, Nida Khan, Rashmi Kumari, Maheen, Naaz

2. Duration of training: **10 days of training**


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This involved theory of organic aromatic compounds in rose (desi gulab), the 'fractional distillation' set up (as in industries), the 'vapour capture' method (as in cost effective set-ups), preservation, packaging, pricing, maintenance of sale proceeds and use of sale proceeds to expand production.

3. Input Cost: Rose petals and PET bottles = Rs. 1430/- (Labour charges not valid presently)

4. Output Sale: Total sale proceeds was Rs. 5350/-

5. Profit of this venture: Rs. 3920/-

6. Quantity manufactured: **2500 mL (2.5 L)**

7. Time required for production of above quantity: It took about 3-4 hours daily for one week.

H. Start-ups established by students /faculties

Founder : Prof. Sharmila Sharma

Cofounder : Prof. Seema Agarwal

I. Technology used at the institute

1. Method used for prepration of herbal Gulal :

Take flowers and separate the petals softly. Dry the petals in shade for 10 to 15 days till they become papery in nature. Now grind them in a dry grinder to a fine powder, Sieve the powder to make it homogenous , mix thoroughly with equal quantity of Arrow root Starch . Now add the water and food grade color and make homogenous paste. Keep this paste for drying to make a dry powder. Break the lumps and grind it again. Now sieve it out to make it homogenous soft powder. Now add itra as per your requirement.

a. Petal marigold, color yellow and orange, itra chandan

b. Rose petal color pink and red , itra rose.

c. Chrysanthemum flower , color green itra khus

d. Chrysanthemum flower, color blue itra jasmine and lavender

Pack them in 20 and 30 gram pouches .

make combo packs of 100/- Rs.

2. Technology used for prepration of Gulab Jal

Equipment Details:

Fractional Distillation Apparatus: Heating mantle, Glass Round Bottom Flask (2 litre), Glass condensor, Glass connectors, Flasks for collection of distillate, Iron stands for support of condensor, Water pipe, continuous fresh water supply system, dedicated electrical plug and switch.

Double Boiler: 2 steel vessels, steel ring, convex steel cover, distilled water, muslin cloth, funnels, induction plate and LPG gas

Raw Materials: Rose petals (handed –down, one time used), distilled water, glass or PET bottles, funnels, measuring cylinders, tubs, induction plate, LPG ga

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K. Detail Of Social Media & Connection Of IIC Institute

YOU TUBE LINK: <https://www.youtube.com/watch?v=10fc5WI4IAY>

FACE BOOK LINK : <https://www.facebook.com/profile.php?id=100089533869274>

L. External About IIC Institute

1. Prof Shashi Bala , Teacher Education Department , S.V. College Aligarh
2. Prof. Sudha Rajput , Teacher Education Department , S.V. College Aligarh

M.

N.

E




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श्री टीकाराम कन्या महाविद्यालय,
अलीगढ़



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Aligarh





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