

Annual Report 2022-23 Sree Narayana College for Women, Kollam



A. About IIC Institute

- Vision / Mission of IIC established at the Institute

Vision: Institute innovation council (IIC) has established in our institute during the academic year 2021-22, in view of fostering innovation and entrepreneurship among students and faculties. The institute started work in par with the central government initiative, in view of achieving excellence in innovation ecosystem and in future disseminating culture of entrepreneurship in campus.

Mission: To establish function ecosystem for scouting ideas and pre- incubation of ideas. For the development of cognitive ability amongst students. For preparing institute for NIRF innovation ranking system for higher educations.

- Journey of IIC established at the Institute

Since its establishment, IIC has been acting as a supporting pillar in building innovation and entrepreneurship culture at our institution. The institute innovation council has been started with 11 faculty members, one external expert and 10 student members. The quarterly conducted council meetings had given insight on the effective implementation of IIC activities. Our institute have been the part of the IIC funded Impact lecture series during 2021-22. During 2021-22, our institution has been rated with 2 stars.



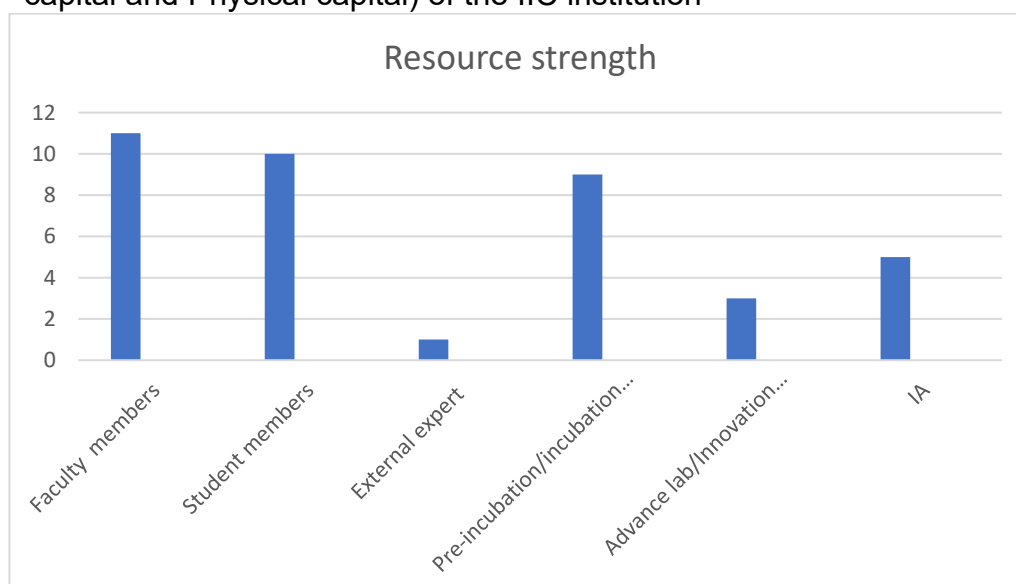
- Diversified representation in the IIC established at the institute from industry, Interdisciplinary & Departments/ Units etc.

Interdisciplinary departments at the institute actively participates in the creation of innovation ecosystem. Expert faculty members from interdisciplinary area are heading the IIC activities. Science, commerce and arts student members are collaboratively work together in boosting the innovation ecosystem in the campus. Material science, nanotechnology, bionanotechnological etc. are the major interdisciplinary innovation fields in contributing towards innovation at our institute.

B. Brief mention of key functionaries at the IIC Institute

- President - Dr. Asha Bhanu A.V
- Vice President - Dr. Poornima Vijayan P
- Convenor - Dr. Arunima S R

C. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution



D. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.

Fully equipped laboratory space, workshop, furniture, information facilities like Internet/Library, computer lab, water and electricity, land space, fish tanks, mushroom cultivation rooms etc.

The following are the major equipment's in the advance lab and innovation centre

SI No	Equipment	Center
1	Impedance analyser	Advanced Material Fabrication Lab
2	Electrochemical workstation	Material Science Facility
1	UV-visible spectrophotometer	Material Science Facility

2	Digital pH meter	Material Science Facility
3	Hot air oven	Material Science Facility
4	Muffle Furnace	Material Science Facility
5	Electronic water bath	Chemistry department
6	Rotary shaker	Chemistry department
7	Ultra-centrifuge	Chemistry department
8	Ultra-sonic cleaner (Sonicator bath)	Chemistry department
9	Vacuum desiccator	Chemistry department
10	IR lamp	Physics department
11	Magnetic stirrers	Chemistry department

E. Highlight Achievements (Narrative/Graphical/tabular representation)

Several students' ideas have been generated. One of the products developed by the student members have been selected for state level Young Innovators Programme (YIP), an initiative by Government of Kerala. One IPR has been filed.

F. Highlight few best IIC Faculty/Student members and their achievements/
Rewarded for the innovations at different forum

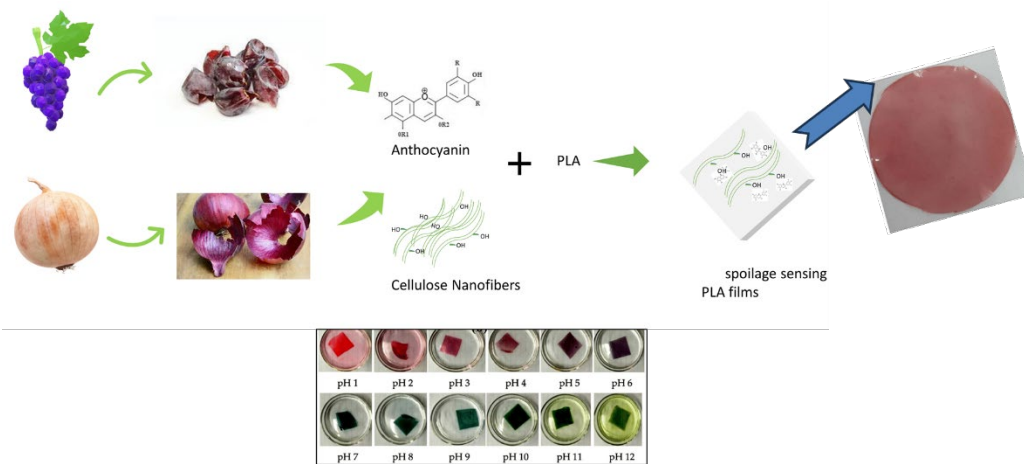
[Profile of few faculties with 2-3 line of their achievements]

A group of three students got awarded with a cash prize of Rs. 25,000/- for winning district level YIP. Later they have been selected in State Level YIP for a cash prize of 50,000/- and further funding for the start-up.

The IIC team participation in 'Ente Keralam Exhibition 2023' Kollam and exhibited our products.

G. Highlight selected best Innovations & images with mention of inventor/innovation name.

Spoilage sensing food packaging film (Student inventor-Sreedevi. T, Devi Ganga.



H. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name

I. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation)

The intelligent food packaging film is a sustainable solution for plastic pollution by ensuring food quality and safety. The product has no side effect to life in earth and environment. This method of fabrication will facilitate the scaling up of the food packaging film.

J. Participation of IIC-institute in various programs of Central and State Govt. Highlighting specially for the schemes or programs

- ARIIA – participation and Rank
- NISP Adoption status - Trained Faculty, Policy Formulation, Policy Implementation
- Smart India Hackathon etc.

K. Detail of Social Media & Connections of IIC institute

<https://www.facebook.com/Institutional-Innovation-Council-Sree-Narayana-College-for-Women-Kollam-109769054845839/>

L. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell

M. Images

N. Contact