



VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

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Pharmacy Council of India, New Delhi, Affiliated to JNTUK
& Certified by ISO 9001:2015



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)

INSTITUTION'S INNOVATION COUNCIL (IIC) **ANNUAL REPORT 2024-25**

IIC Institute Name: Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada.

IIC ID: IC201912172

1. VISION & MISSION

Vision

To serve our nation with a vibrant culture of innovation, research, and entrepreneurship in pharmaceutical sciences, empowering women to become globally competent innovators and contributors to sustainable healthcare solutions.

Mission

- ✚ To nurture creativity, critical thinking, and problem-solving skills among students and faculty through innovation-driven learning.
- ✚ To create a supportive ecosystem for ideation, incubation, and commercialization of novel pharmaceutical technologies.
- ✚ To collaborate with industry, research organizations, and government bodies to promote translational research and entrepreneurship.
- ✚ To inspire women innovators to address healthcare challenges through sustainable, affordable, and impactful solutions.
- ✚ To build an innovation-led academic environment aligned with national initiatives like Start-up India, Atal Innovation Mission, and UN Sustainable Development Goals (SDGs).

2. JOURNEY OF IIC ESTABLISHED AT THE INSTITUTE

The Institution's Innovation Council (IIC) at Vijaya Institute of Pharmaceutical Sciences for Women, established in 2018–19 under the Ministry of Education's Innovation Cell (MIC), Government of India, aims to foster a strong culture of innovation, start-up, and

entrepreneurship on campus. In its foundation year (2018–19), the institute registered with MIC, formed the council, and conducted awareness programs on innovation and entrepreneurship for students and faculty. IIC's role is to engage large number of faculty, students and staff in various innovation and entrepreneurship related activities such as ideation, Problem solving, Proof of Concept development, Design Thinking, IPR, project handling and management at Pre-incubation/Incubation stage, etc., so that innovation and entrepreneurship ecosystem gets established and stabilized in HEIs.

During 2019–20, the IIC organized e-workshops, seminars, and conferences on design thinking, problem-solving, and intellectual property rights (IPR), followed by webinars and active delegate participation in 2020–21. From 2022 onward, the institute began actively participating in MIC and AICTE innovation events, organized innovation-driven conferences, seminars, and workshops, and established incubation and pre-incubation support within the campus. Collaborations were initiated with local industries, healthcare institutions, and alumni entrepreneurs to enhance technological exposure and nurture faculty and student innovators, who also presented their research in national-level competitions. In 2022–24, the council strengthened ties with start-up hubs, innovation centers, and research organizations in Andhra Pradesh and beyond, promoted interdisciplinary projects focusing on healthcare, sustainability, and women-centric innovations, and encouraged patent filing. Received certificate of appreciation in recognition of active participation in the National Intellectual Property Awareness Mission (NIPAM) launched by the Government of India on the occasion of Independence under the banner “Azadi Ka Amrit Mahotsav” to create widespread awareness on Intellectual Property Rights in association with Intellectual property Office, Chennai.

During 2024–25, the IIC actively participated in Idea Hackathon 4.0, receiving 17 ideas (forwarding 12 from the host institute), organized an internal hackathon “Indeathon-25” with 45 ideas from students and faculty, and hosted MSME Idea Hackathon 5.0, receiving 59 ideas of which 29 were recommended by the Internal Evaluation Committee and submitted to the MSME portal. Students also participated in the YUKTI Innovation Challenge 2025, with 28 registrations, 15 submissions, and 5 ideas recommended after verification. A total of 42 patent applications were filed in around six different disciplines of the Pharmaceutical Sciences field and published in Indian Patent Agency. Recommended 13 students and 7 faculty members for the Innovation brand ambassador training program.

YUKTI Innovation Challenge: Students of this IIC institute have actively participating in YUKTI Innovation Challenge by AICTE

S. No.	Innovation Title	Theme	Innovator Detail
1	Transforming Expired Medicines into Renewable Energy: A Sustainable Pharma Waste Solution	Waste Management/ Waste to Wealth Creation, Renewable and affordable Energy. Sustainable Environment,	Tummalacheruvu Likhitha likhithatummalacheruvu@gmail.com
2	Solar-Powered Atmospheric Water Generator for Sustainable Clean Drinking Water Production	Clean & Potable water, Renewable and affordable Energy, Sustainable Environment.	Mohammad Aaliyah Farhath aaliyahfarhathgio@gmail.com
3	Smart Pill Dispenser with Adherence Analytics for Personalized Medication Management and Remote Monitoring	Healthcare & Biomedical devices, Software - Mobile App Development,	Tummalacheruvu Likhitha likhithatummalacheruvu@gmail.com
4	Smart Buccal Film for Pediatric Antiemetic Therapy Using Herbal-Synthetic Drug Hybrid System Development	Healthcare & Biomedical devices.	Mirza Nigar Fathima nigarfathima180@gmail.com
5	Herbal bath formulations for the relief of body aches	Healthcare & Biomedical devices. Agriculture & Rural Development. Sustainable Environment	Polukonda Mahitha mahithapolukonda@gmail.com

Throughout the year, the IIC organized multiple conferences, seminars, and workshops on themes such as design thinking, IPR, technology transfer, entrepreneurship, and start-ups, reporting a total of 25 activities including 6 IIC calendar activities, 4 MIC-driven activities, 6 celebrations, and 9 self-driven initiatives. Additionally, the institute mentored three Atal Tinkering Lab (ATL) schools through their School Innovation Councils (SICs), acting as a

central support system to connect higher education with schools and promote innovation and entrepreneurship among young learners.

S. No.	Name of the ATAL School	Location	Collaborative Activities Planned	Status
1	APSWRS Jr. college girls	Gopalapuram West Godavari	Faculty-student interaction, prototype guidance, ATL exhibition	Planned
2	APSWRS Junior college for girls	Kovvuru West Godavari	Faculty-student interaction, prototype guidance, ATL exhibition	Planned
3	APSWRS Jr. college for girls	Narasapuram Vissannapeta, Krishna	Faculty-student interaction, prototype guidance, ATL exhibition	Planned

Actively participated in the mentor-mentee scheme by IIC as a mentee institute for the better performance of IIC. As our IIC is eligible for the Impact Lecture Scheme, we actively applied for the scheme by nominating a coordinator. As far as Developing Innovation Culture and Entrepreneurship (DICE) is concerned, we have already mapped the prescribed (05) PM SHRI Schools for mentoring those opted schools.

S. No.	Name of PM SHRI School	Location	Sample Activities to be planned by IICs
1	MBM ZP Girls HIGH SCHOOL	Mylavaram, NTR-42KM	Innovation workshops, science exhibitions, ATL mentorship
2	APSWR JUNIOR COLLEGE KUNTAMUKKALA	G.Konduru, NTR-36 KM	Startup awareness, idea competitions, skill-building sessions
3	ZPHS(G), KONDAPALLI	Ibrahimpattam NTR-32 KM	Collaborative STEM projects, AI/ML sessions, teacher development
4	G V J Z P H SL20TH WARD	Jaggayyapet NTR-55KM	Student project mentoring, ATL-IIC connect, entrepreneurship training
5	AKTPMPLGIRLS HS30TH WARD NEAR GETHAMANDIR	SN puram, Vijayawada urban, NTR- 8.8KM	IIC faculty visits, prototype guidance, innovation challenge support

The Student Innovation Council (SIC), established in July 2025 for the 2024–25 academic year, functions as the student branch of the Institution’s Innovation Council (IIC) under the

Ministry of Education’s Innovation Cell (MIC). It provides a structured platform for students to translate classroom learning into practical innovation through activities such as design thinking workshops, prototype development, hackathons, idea pitching competitions, industry visits, and mentorship sessions with entrepreneurs. Comprising motivated students from pharmaceutical sciences and guided by IIC faculty coordinators, the SIC fosters experiential learning, problem-solving, and entrepreneurial skills while encouraging student-led startup initiatives. Its focus areas include the integration of AI/ML, green chemistry, and targeted drug delivery research, as well as collaborations with MSME Hackathons, Atal Incubation Centers, and local pharmaceutical industries. The council remains committed to empowering women innovators and supporting their progression into leadership roles in start-ups and translational research, with student startup ideas now receiving structured mentorship through the IIC platform.

Currently, the Institution’s Innovation Council (IIC) at Vijaya Institute of Pharmaceutical Sciences for Women has emerged as a dynamic hub for fostering innovation, encouraging research-oriented learning, and facilitating entrepreneurial development in the field of pharmaceutical sciences. The council remains committed to advancing the national vision of *Atmanirbhar Bharat* by equipping students with the skills and opportunities to translate their innovative concepts into sustainable and socially impactful solutions.

3. KEY FUNCTIONARIES AT THE IIC INSTITUTE

Composition of IIC Team (Academic Year: 2024 - 2025)

S. No	Name of the Faculty	Role
1	Dr. Sadhu Venkateswara Rao	President
2	Dr. B. Ramu	Vice President
3	Dr. K. Padmalatha	Convenor
4	Mr. Ambala Jayarami Reddy	Social Media Coordinator
5	Dr. M. Vani	Innovation Activity Coordinator
6	Mrs. Hema Latha Bala	IPR Activity Coordinator
7	Mrs. D. Prasanna	Internship Activity Coordinator
8	Dr. S. Sundar	NIRF Coordinator
9	NKS Neeraja	ARIIA Coordinator
10	Dr. B Poornima	Start-up Activity Coordinator
11	Mrs. G. Krupamai	Member
12	Mrs. K Sunitha	Member

S. No	Name of the Student	Role
1	Innovation Coordinator	Chinchili Pramila Rani
2	Startup Coordinator	Malappurathu Prajeetha Prakash
3	Internship Coordinator	Mohemmed Aaliyah Farhath
4	Social Media Coordinator	Koppula Sucharitha Siva Gayathri
5	Internship Coordinator, IPR Coordinator	Ande Himabindu
6	Member	Konide Supriya
7	Innovation Coordinator	Musiboyina Sowjanya
8	Startup Coordinator	Shaik Naseema
9	Internship Coordinator	Gajula Bhavana
10	Social Media Coordinator	Makke Swathi
11	IPR Coordinator	Bolla Pujitha
12	Member	Akula Divya Prasoon
13	Innovation Coordinator	Sanikommu Venkata Soukhya

3.1. President

Role: Head of the Council

Responsibilities:

- Initiates the formation of the council.
- Identifies suitable faculty members for various roles.
- Assigns responsibilities to council members.
- Oversees the overall functioning of the IIC.

3.2. Vice President

Role: Immediate Point of Contact

Responsibilities:

- Build mentor pool and enhance innovation capacity.
- Identify and guide student entrepreneurs regularly.
- Support commercialization via tech transfer and startups.
- Provide infrastructure and resource access for innovation.

3.3. Convener

Role: Coordination

Responsibilities:

- Acts as the main liaison for all IIC activities.
- Coordinates between different members and activities.
- Ideally, this role is filled by the Incubation In-charge or a faculty member with entrepreneurship experience or interest.

3.4. Innovation Activity Coordinator (Faculty)

Role: Innovation Promotion Lead

Responsibilities:

- Organizes and coordinates innovation-related activities.
- Supports other IIC activities to ensure a cohesive approach.

3.4 Startup Activity Coordinator (Faculty)

Role: Startup Promotion Lead

Responsibilities:

- Organizes and coordinates startup-related activities.
- Works closely with the innovation activity coordinator to ensure alignment with broader

3.5. IPR Activity Coordinator (Faculty)

Role: Intellectual Property Rights (IPR) Lead

Responsibilities:

- Organizes and coordinates IPR mentoring and awareness programs.
- Promotes innovation by educating faculty and students about IPR processes and benefits.
- Supports other IIC activities as needed.

3.6. Social Media Coordinator (Faculty)

Role: Social Media and Public Relations Lead

Responsibilities:

- Manages the promotion of IIC activities on social media platforms.
- Ensures effective communication about various innovation activities. supports the visibility and outreach of the IIC.

3.7. ARIIA Coordinator (Faculty)

Role: Atal Ranking of Institutions on Innovation Achievements (ARIIA) Lead

Responsibilities:

- Creates a repository of innovation and startup activities.
- Advises on strategies to increase the institution's ranking in ARIIA.
- Supports and coordinates with other IIC activities to enhance innovation culture.

3.8. NIRF Coordinator (Faculty)

Role: National Institutional Ranking Framework (NIRF) Lead

Responsibilities:

- Creates a repository of research and innovation activities.
- Advises on strategies to improve the institution's NIRF ranking.
- Extends support to other activities, ensuring integration with the institution's overall goals.

S. No	Resource strength (human capital and Physical capital) of the IIC institution	No's
1	Total No. of IIC Members	12 Faculty Members 13 Student Members
2	Total No. of IAs	05 faculty & 07 students (10 are under training)
3	Total No. of faculty Mentors	05
4	Incubation Cell	1

4. SUMMARY OF ACTIVITIES CONDUCTED

A. MIC-Driven Activities: **10**

B. Self-Driven Activities: **15**

C. Celebration of Innovation / Important Days: **10**

5. MAJOR ACHIEVEMENTS

S. No	Achievements	No's
1	Number and Different types of I&E	Non-Academic Courses -07
2	No. of student's & faculty ideas generated	Around 60 ideas were generated on various grounds
3	No. of IPs generated, published and granted	42
4	Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus	50,000/-
5	Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR	1,00,000/-

6. TESTIMONIALS FROM IIC MEMBERS ABOUT IIC INSTITUTE

The Institution's Innovation Council (IIC) has emerged as a key driver in fostering creativity, innovation, and entrepreneurship among students and faculty. Through a well-structured ecosystem that promotes idea generation, problem-solving, and innovation-led activities, the IIC has provided mentorship, training, and resources to enable the transformation of ideas into practical, real-world solutions. Continued support and guidance from the Ministry of Education's Innovation Cell have further strengthened these initiatives, positioning the institute as a vibrant hub for innovation and entrepreneurial development.

Dr. K. Padmalatha
IIC Convener

Members of the Institution's Innovation Council (IIC) acknowledge the council's significant role in fostering a culture of creativity, innovation, and entrepreneurship on campus. They value the institute's consistent support in offering training, mentorship, and resources that empower students and faculty to develop novel ideas and convert them into impactful solutions. The collaborative ecosystem, opportunities for interaction with external experts, and encouragement from institutional leadership have motivated members to actively engage in innovation-driven initiatives, thereby transforming the campus into a vibrant hub of entrepreneurial activity.

Chinchili Pramila Rani
Student Innovation Coordinator

FEW GLIMPSES OF ACTIVITIES-AY 2024 - 25

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN
Permitted by Govt. of A.P., Pharmacy Council of India, New Delhi
Certified by ISO 9001:2015
AUTONOMOUS

Organised by
Dr. S. Venkateswara Rao
IIC President
HOD Of Pharmaceutics
VIPW

Convener
Dr. K. Padmalatha
IIC Convener
Principal, VIPW

Resource Person
ABDUL KHADER P
Deputy Manger (Technology)
The National Small Industries Corporation Ltd.

Organizing Secretary
Mrs. D. Prasanna
IIC In charge
Associate Professor
Dept of Ph. Chemistry,
VIPW

ONE DAY WORKSHOP ON PROCESS OF ESTABLISHING START UP
WORKSHOP
AUGUST 5th 2025

IN Association with NSIC - Technical Services Centre, Hyderabad, Under Government of India



Ideathon-25



World Entrepreneurs' Day Celebrations

14	Dr. Tabitha Sharon	ANDHRA PRADESH	NTR	21/08/2025	Submitted By HI/BI	Detail
15	Bodapati Guru Preetam	ANDHRA PRADESH	NTR	20/08/2025	Submitted By HI/BI	Detail
16	N.ROOPA	ANDHRA PRADESH	KRISHNA	20/08/2025	Submitted By HI/BI	Detail
17	Koyalkar Jyothi	ANDHRA PRADESH	NTR	21/08/2025	Submitted By HI/BI	Detail
18	MUSIBOYINA SOWJANYA	ANDHRA PRADESH	KRISHNA	20/08/2025	Submitted By HI/BI	Detail
19	saitheertha manula	ANDHRA PRADESH	ANANTAPUR	20/08/2025	Submitted By HI/BI	Detail
20	D.Lavanya	ANDHRA PRADESH	KRISHNA	21/08/2025	Submitted By HI/BI	Detail
21	Chinchilli Pramilarani	ANDHRA PRADESH	ELURU	20/08/2025	Submitted By HI/BI	Detail
22	shaik Gowsiya	ANDHRA PRADESH	NTR	20/08/2025	Submitted By HI/BI	Detail
23	B Poornima	ANDHRA PRADESH	NTR	19/08/2025	Submitted By HI/BI	Detail
24	Lakshmi kumari	ANDHRA PRADESH	KRISHNA	19/08/2025	Submitted By HI/BI	Detail
25	MUSIBOYINA SOWJANYA	ANDHRA PRADESH	KRISHNA	20/08/2025	Submitted By HI/BI	Detail
26	Ambavarapu Sahasra Reddy	ANDHRA PRADESH	KRISHNA	20/08/2025	Submitted By HI/BI	Detail
27	Monisha Chinthaginjala	ANDHRA PRADESH	KRISHNA	20/08/2025	Submitted By HI/BI	Detail
28	P M M NAGA LAKSHMI VARMA	ANDHRA PRADESH	NTR	20/08/2025	Submitted By HI/BI	Detail
29	Palapala sri uma maheswari	ANDHRA PRADESH	NTR	20/08/2025	Submitted By HI/BI	Detail

Showing 1 to 29 of 29 entries

Previous **1** Next

Submitted ideas for Idea Hackathon 5.0

Dr. K. Padmalatha
 IIC, Convenor