

Impact of IIC

ANNUAL PERFORMANCE

A.Y.2023-24

15Yukthi Fostering
Research Design,
Innovation Prototyping**3**Innovation
Challenges Won**30**IA'S Trained (Faculty /
Student)**3**

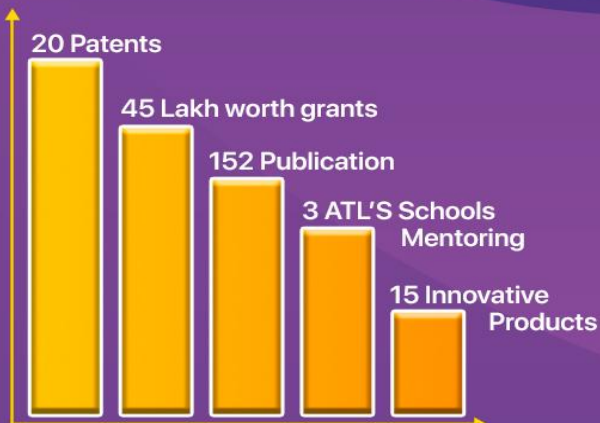
ATL'S Schools Mentoring

Active Ecell IPR Cell
Innovation Cell
Incubation CellNewly established Incubation
facility (HIBI – MSME / SPAR
PHARM)**20**

IPR Registrations



Milestones of Research Innovation Culture

**St. Pauls IIC**

- ▶ Empowering Innovation, IPR & Entrepreneurship
- ▶ E cell & IPR cell to develop entrepreneurship & Research Innovation culture respectively
- ▶ Design thinking & Critical thinking
- ▶ Pre incubation & Incubation services
- ▶ Active idea club – Intra & Inter college Hackathons

IIC ID: [IC202115868](#)

ST PAULS COLLEGE OF PHARMACY

A. About IIC Institute

1. Vision / Mission of IIC established at the Institute:

1.1. Vision: Empowering innovation, entrepreneurship and startup workforce for self reliability and promoting motives of **Atmanirbhar Bharat, Make in India.**

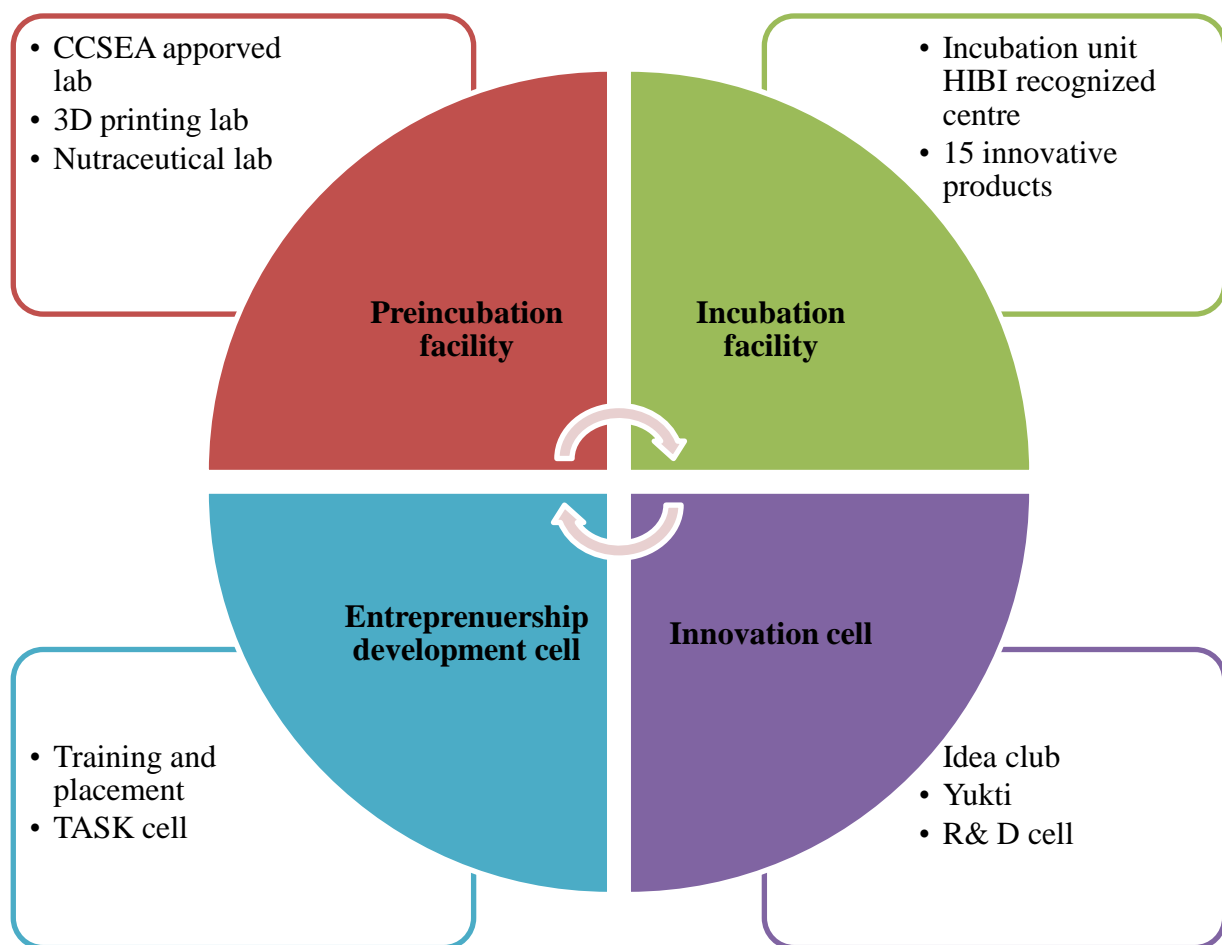
1.2. Mission:

- ✓ To foster and enrich the student to develop innovative prototypes.
- ✓ To promote incubation and research facilities to student and faculty.
- ✓ To promote the entrepreneurship and startup facility support.
- ✓ To nurture the innovators with incubation support.

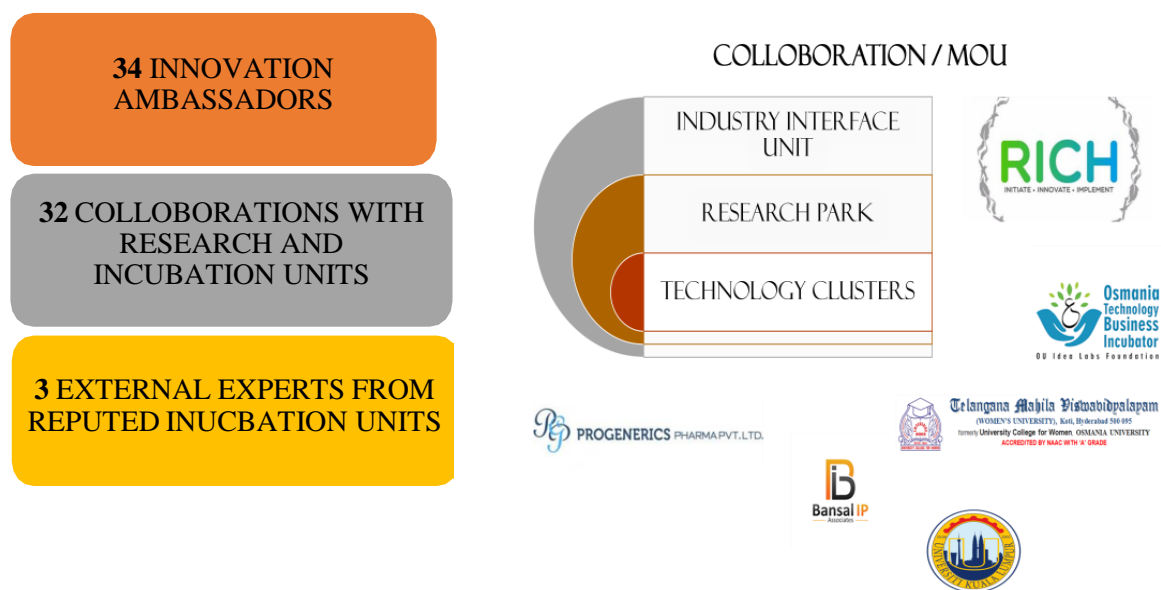
2. Journey of IIC established at the Institute:

The IIC was established in the A.Y 2020-21. Since the inception, various activities have been conducted and the institute could establish numerous collaboration that promoted student and faculty entrepreneurs. Further, in 2021-2022 the institute developed and oriented to the NEP 2020 policy and Atmanirbhar Bharat with enacting the institution work force to orient towards developing and nurturing students and faculty as well towards innovation entrepreneurship and startup. The institute has secured 3 star rating for the 2021-22 year. For the A.Y 2022-23 the institute has conducted various activities in the four quarters(Q1-Q4) which comprises of 20 calendar activities along with 9 MIC driven activities and 13 self driven activities. Further the innovation repository Yukti was addressed with 3 innovation prototypes. Also there were four e-learning repositories in the institute managed by experts and have public access. Institute is registered to participate in smart India hackathons (SIH) 2023. The institute secured 3.5 star rating with promotion as mentee institute and ATL school mentor for A.Y-2022-23. For the A.Y 2023-24 around 32 IIC calendar activities, 21 self driven activities and 10 MIC activities along with celebration activities were conducted. Institute has participated in SIH 2024 with 11 teams and Around 15 Yukti products along with 15 innovative ideas were selected and worked for funding. 3 best innovation challenges received funding from MSME, Govt of India and thus orienting towards startup activity.

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



IIC Establishment and its expanded wings



IIC flag ship has encouraged more emphasis on establishment and active function of innovation and IPR in collaboration with 21 reputed laboratories, research centers and technology development centers.

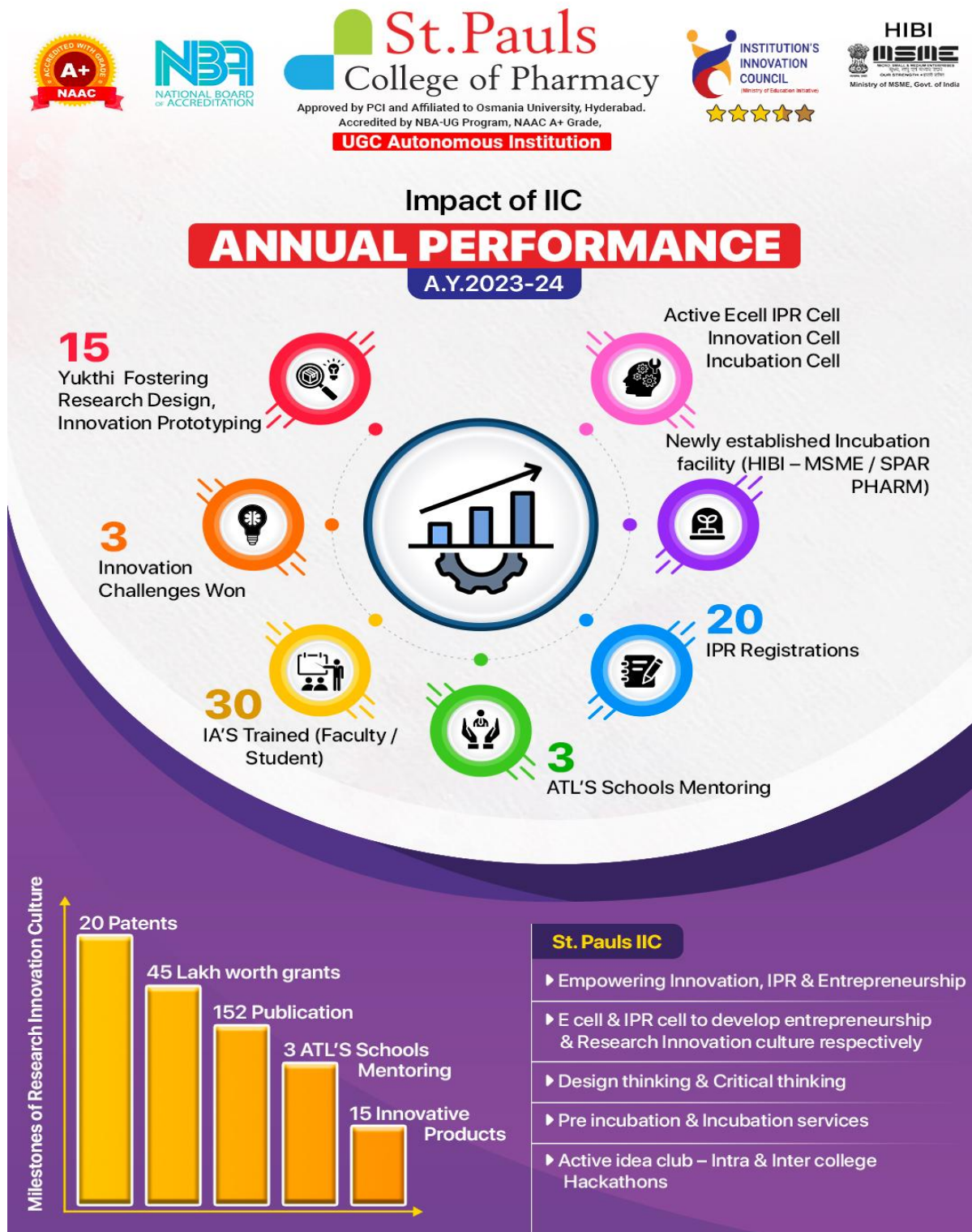
3.1. Incubation unit: Hosting 3 incubates, and establishment of three drug testing and development laboratories

3.2. E –Cell (Entrepreneurship Cell): entrepreneurial training and activities to improve skills and mind set of key stakeholders

3.3. Innovation cell:

- 15 innovative products were developed
- 20 Patents were filed
- 3 innovation challenges being funded by MSME

Representation of progress of St. Pauls IIC:



B. Brief mention of key functionaries at the IIC Institute

- **President :**

Dr. M. Kiranmai, Principal, St. Pauls College of Pharmacy

- **Convener: Dr. Sneha Thakur St. Pauls College of Pharmacy**

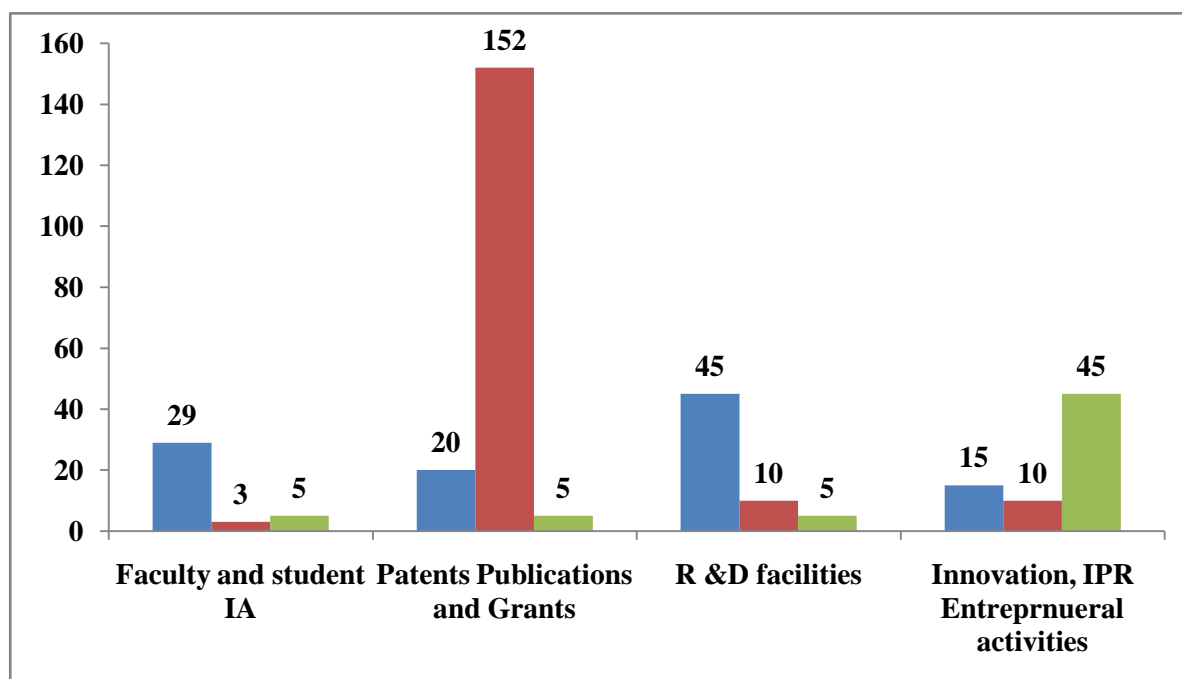
S.no	Name & Details	Designation/ Role in IIC	Designation
1.	Dr. M. Kiranmai principal@stpaulscollege.ac.in 8008122868	President IIC	Principal
2.	Dr. Somnath De somnath.bankura@gmail.com 9618347303	IPR coordinator	Professor
3.	Dr. P. Sunil Kumar Chaitanya sunilpadavala@gmail.com 9550343883	Internship Activity Coordinator	Professor
4.	Dr. K. Venu Madhav vmkatla@gmail.com 9885146418	Innovation Activity Coordinator	Professor
5.	Dr. Naga Raju Kandukoori kandukoori007@gmail.com 9603241824	Incubation cell incharge, Start up Activity Coordinator	Associate Professor
6.	Dr. Sneha Thakur snehathakur@st paulscollege.ac.in 9032783548	Convener	Associate Professor
7.	Mr. P. Naga Haritha harithasunilp@gmail.com 8019993220	ATL mentor	Assistant Professor
8.	Nellutla Saritha Devi saritha@gmail.com 8317660516	Member	Associate Professor
9.	Ramu office@stpaulscollege.ac.in 9394825406	Member	Administration officer
10.	Mrs. B. Suhasini suhasini106@gmail.com 9700208546	Member	Assistant professor
11.	Dr. Are Anusha dranushajoel@gmail.com 9133893337	Member	Associate Professor
12.	Mary Manisha mmarymanisha64@gmail.com 8008724862	Member	Research assistant
13.	Mr. K. Sareesh sareesh.stpauls@gmail.com 8328574680	Member	Assistant professor
14.	Keerthi Kadimcharla kadimcharlak@gmail.com 8919013665	Member	Assistant Professor

15.	P. Rajani Prswarajani@Gmail.Com 9849247072	Member	Sr. Office Administrator
16.	Mrs. Navya Pravala navyakonapuram@gmail.com 9959290112	NIRF coordinator	Assistant professor
17.	Mr. Anasuri Santhosh santupharmacy@gmail.com 9440709940	Social Media coordinator	Assistant Professor
18.	Mrs. Deepika .B deepu.bhoopathi@gmail.com 9985585338	Member	Associate Professor
19.	Y. Uma Rani raniuma26@gmail.com 9182830489	Member	Assistant professor
20.	Nikita gupta nikitagupta250@stpaulscollege.ac.in 8801114034	Member	Assistant Professor
21.	Roja Pathakota roja.pathakota11@gmail.com 9000373960	Member	Associate Professor
22.	Dr. Nellutla Saritha Devi nellutlasaritha@gmail.com 8317660516	Member	Associate
23.	Shireen Shaik shireenshaik254@gmail.com 8341107049	Member	Assistant professor
24.	Rajini Kolure rajnikolure.7948@gmail.com 9398357184	Member	Assistant professor
25.	Uzma Tahniyath ameenuzma154@gmail.com 7075974450	Member	Assistant professor
26.	Sadia naseem khansadia395@gmail.com 8897915489	Member	Assistant professor
27.	Sai Roopika sairoopika6@gmail.com 9573184156	Member	Assistant Professor
28.	Rubina kauser arkay0990@gmail.com 7330995969	Member	Assistant Professor
29.	Jyothi bandaru.jyothi@gmail.com 9396311801	Member	Assistant Professor
30.	Momin Shabana shaik08shabana@gmail.com 9346093597	Member	Assistant Professor

Student Innovators

Role	Name	Email id	Course	Year	Stream		Associated with
Innovation Coordinator	Kadali Monika Lakshmi	kadalimonia6@gmail.com	Pharmacy	6	B.Pharmacy	3	Industry-Institute Interface Unit/Centre
Member	Annam Pratiba	pratibareddy1998@gmail.com	Pharmacy	1	B. Pharmacy	4	Incubation & Pre-incubation Units
Innovation Coordinator	Pasukula Sanjana	sanjanapasukula@gmail.com	Pharmacy	1	B. Pharmacy	4	Innovation Cell
Startup Coordinator	Uday Kiran Reddy	udaykiranreddy051@gmail.com	Pharmacy	6	B. Pharmacy	3	Idea Clubs/Innovation Clubs/Startup Clubs/IP Clubs lead
Social Media Coordinator	Durishetty Soujanya	dsoujanya1211@gmail.com	Pharmacy	1	B. Pharmacy	4	Centre of Excellence/Skill Development Labs at Institute
IPR Coordinator	Vaishnavi	vyshnavichinnu04@gmail.com	Pharmacy	6	B Pharmacy	3	IPR/Technology Transfer Cell/Unit
Internship Coordinator	Talari Anusha	anusham2922@gmail.com	Pharmacy	7	BPharmacy	4	Innovation Cell

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



1. **Total No. of IIC Members :** 31 including student and faculty
2. **Total No. of Innovation Ambassadors:** 28 faculties were nominated as Innovation Ambassadors who have completed the advanced training. Further 10 of them have delivered expert talks on innovation entrepreneurship and commercialization strategies both as internal and external expert
3. **Total No. of Faculty Mentors:** 30
4. **Pre-Incubation Units:** Pre incubation facility has been set in space of 500 sq ft in each floor which catalyses the experimentation and the prototype development. Further the products developed which are subjected to scrutiny are communicated to incubation unit
5. **Incubation Units:** MSME Recognized host institution business incubator is being operated. Women centric Idea hackathon 3.0 has been launched and Stage I evaluation is completed. A new incubation facility for formulation, evaluation and development of drugs SPAR pharma has been established. Further the Smart India hackathons 2024 was also conducted and the probable prototypes are being developed with support of incubation facility.
6. **IP Facilitation Unit:** the Patent facilitation cell (patent cell) has been established at the institute to nurture the idea and utility patents



Patent cell

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

1. Preincubation facilities: This includes all the facilities in the laboratories to develop the prototypes and test *in vitro*.



Pharmaceutical Preincubation facilities

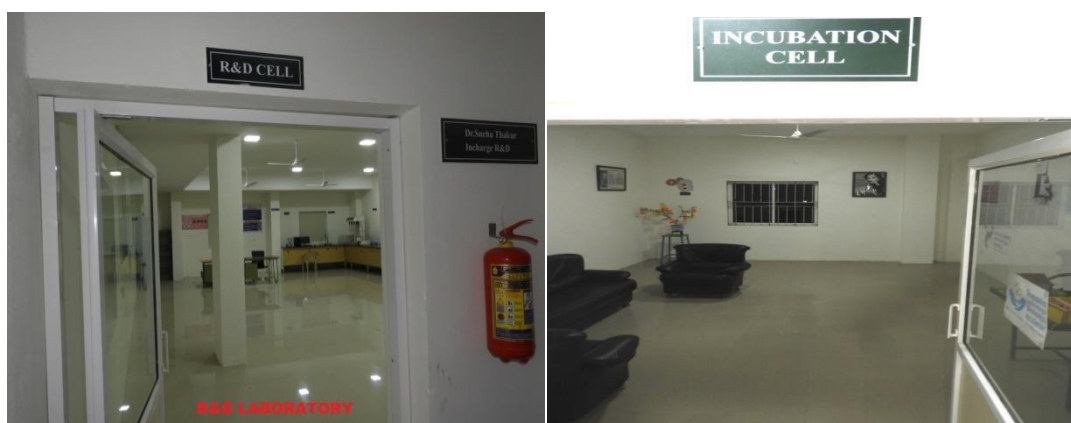


Animal house Central instrumentation room – Preincubation facility
Preincubation facilities I



Preincubation facility II

2. Incubation Centre: The incubation centre was established in 2022. St. Pauls innovation foundation section 8 company act MSME is registered to nurture and incubate the ideas and prototypes of student and Faculty. Further the idea hackathons MSME women entrepreneurs 3.0 was launched and is currently progressing towards the stage II evaluation. The committee comprises of various industry, incubation and research centre experts. In 2022 the OU Technology business incubation centre collaboration was established to accelerate the facilities and idea set up. To promote entrepreneurship skills among students and faculty, St. Pauls College of Pharmacy geared up in collaboration with “Osmania University Technological Business Incubator” that focuses on the innovative ideas that need support from the entrepreneurial community also to leverage the startup units.



Incubation Cell

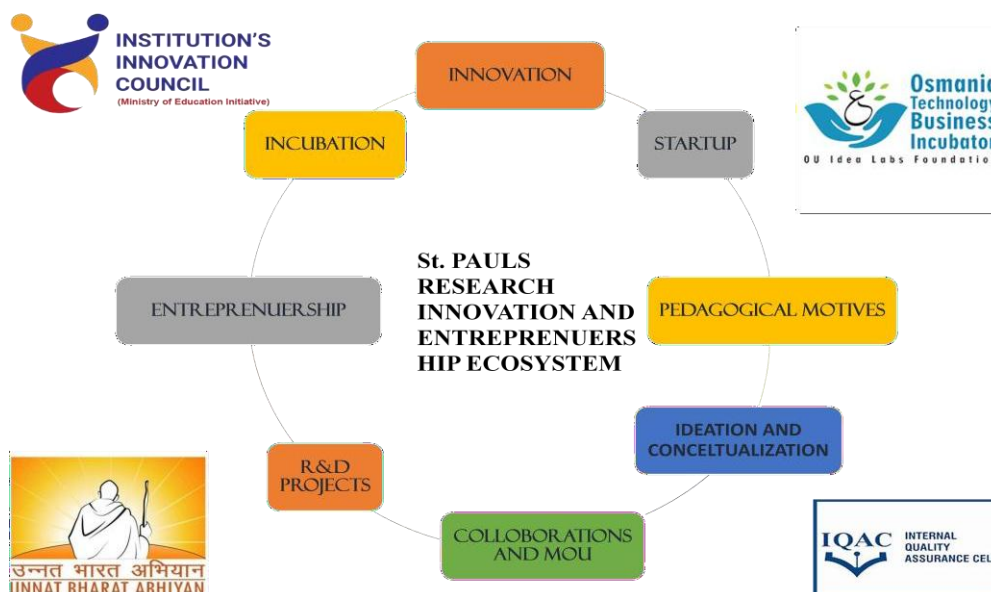
COLLABORATION / MOU



Collaborations and extensions for accelerators

Collaborators include

- IITH Hyderabad
- Rodenta life sciences, Hyderabad
- CSIR-IICT, Hyderabad
- Patanjali Research Foundation Haridwar
- OU Technology Business Incubators (OU TBI)
- Research and Innovation Circle of Hyderabad(RICH)
- Bansal Associates IP
- Goa Centre for excellence in intellectual property G-CEIP services
- Telugu Mahila Vishwas Vidyalayam
- Climed Research solutions



CONNECTING POINT

3. Student clubs:

3.1. Ideation Point: The idea club generates the idea and the impactful ideas will be published in social media. Many activities are conducted at idea point.



3.2. Patent Club: The ideas generated will be evaluated and further the novel and innovative ideas or the prototypes generated will be facilitated through the IPRcell for patent filing.



Patent cell

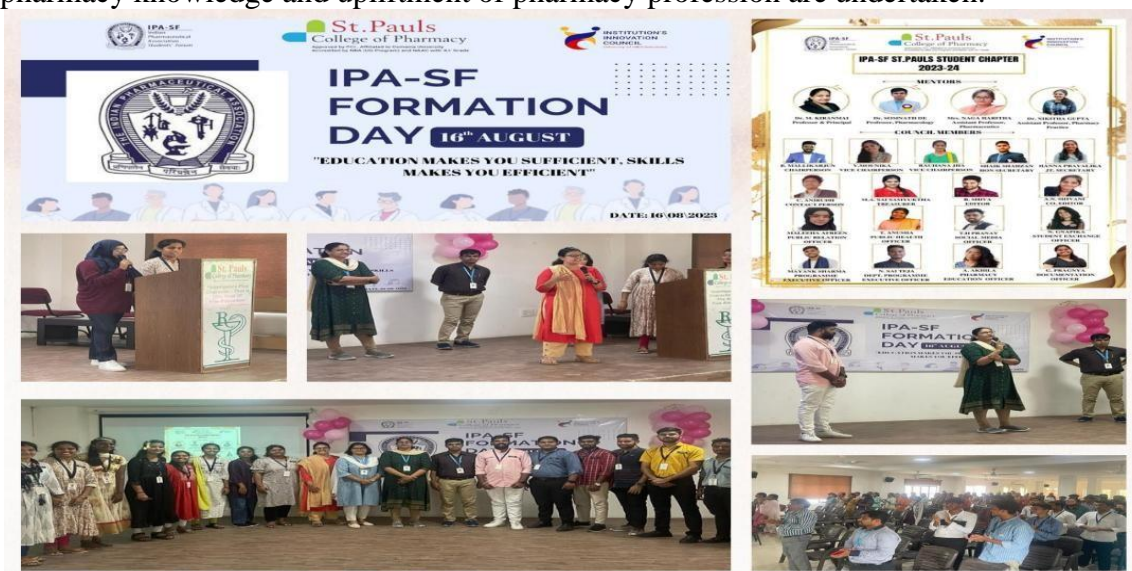
3.3. Scientific Club: the team St. Pauls associated with Team MANAV a Govt of India Initiative and conducts various programs to read and understand the scientific literature. The **journal club** conducts dedicated meeting where researchers gather to discuss publications from peer-reviewed journals



Scientific journal meeting

3.4. National IPASF student forum

It is adapted in year 2019 under the flagship of IPA and thereby fostering escalation of pharmacist's portrayal within the country and abroad, so as to encourage pharmacy students amongst the country and upraise recognition and team spirit. Thus many activities to enrich pharmacy knowledge and upliftment of pharmacy profession are undertaken.





3.5. NSS Club

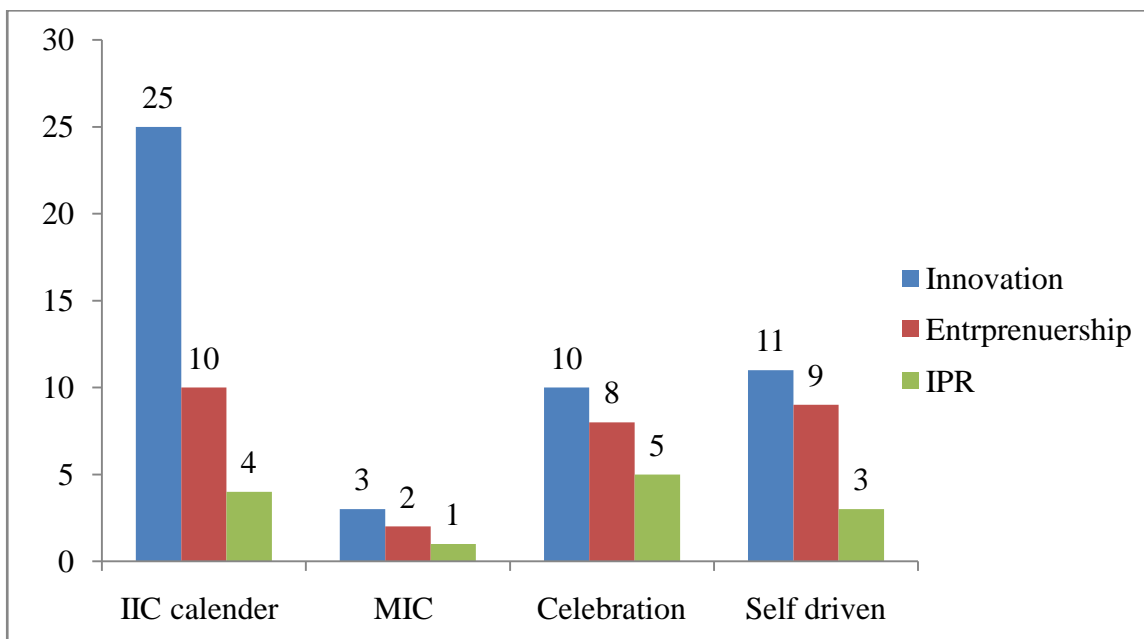
Graduate & Post Graduate at colleges and University level of college will take part in various government led community service activities & programmes.





NSS activities by team St. Pauls

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



List of achievements in tabular form

S. no	Title	Quarter:-	Type:-	Domain
1.	Demo Day/Exhibition/Poster Presentation of Ideas/PoC & linkage with Innovation Ambassadors/Experts for Mentorship Support - Manage through YUKTI-NIR- MSME idea hackathons	Quarter I	IIC Calendar Activity	Innovation
2.	Inter/Intra Institutional Idea Competition/Challenge/Hackathon and Reward Best Ideas - Manage through YUKTI-NIR	Quarter I	IIC Calendar Activity	Innovation and Entrepreneurship
3.	Exposure and field visit for problem identification	Quarter I	IIC Calendar Activity	Innovation
4.	My Story - Motivational Session by\ Successful Innovators.	Quarter I	IIC Calendar Activity	Innovation
5.	My Story - Motivational Session by Successful Entrepreneur/Start-up founder.	Quarter I	IIC Calendar Activity	Entrepreneurship
6.	Session on Problem Solving and Ideation Workshop	Quarter I	IIC Calendar Activity	Innovation
7.	Workshop on “Entrepreneurship and Innovation as Career Opportunity”	Quarter I	IIC Calendar Activity	Innovation and Entrepreneurship
8.	National Education Day	Quarter I	Celebrations	Innovation and Entrepreneurship
9.	Innovation Day	Quarter I	Celebrations	Innovation
10.	Women entrepreneurship Day	Quarter I	Self-driven Activity	Entrepreneurship
11.	Use of AI approach in modern world for innovation	Quarter I	Self-driven Activity	Innovation
12.	Career Opportunities And Developing Skills- For Becoming Successful Entrepreneurs	Quarter I	Self-driven Activity	Entrepreneurship
13.	AI approach in chemiinformatics	Quarter I	Self driven	Innovation
14.	Knowledge Sharing And Awareness Session On Professional Certification For Small Scale Business And MSME Based Startup	Quarter II	Self-driven Activity	Entrepreneurship
15.	Motivational session on entrepreneurship skills attitude and journey to abroad	Quarter II	Self-driven Activity	Entrepreneurship

16.	Organize Viksit Bharat@2047 Utsav in Campus and Watch the Inaugural Address by Hon'ble Prime Minister of India on 11th Dec. 2023	Quarter II	MIC driven Activity	Innovation and Entrepreneurship
17.	IIC regional meet	Quarter II	MIC driven Activity	Innovation and Entrepreneurship
18.	National Startup Day	Quarter II	Celebrations	Innovation
19.	National Youth Day	Quarter II	Celebrations	Celebrations
20.	National Science Day	Quarter II	Celebrations	Innovation
21.	National Energy Conservation Day(India)	Quarter II	Celebrations	Awareness
22.	National Pollution Control Day	Quarter II	Celebrations	Awareness
23.	Entrepreneurship skills and employability skill	Quarter II	Self-driven Activity	Entrepreneurship
24.	Republic day Elocution competition	Quarter II	Self-driven Activity	
25.	Leadership Talk with Prof. T. G. Sitharam, Hon'ble Chairman, All India Council for Technical Education (AICTE)	Quarter II	MIC driven Activity	Innovation and Entrepreneurship
26.	Innovations and vaccine development and developing entrepreneur's skill set	Quarter II	Self-driven Activity	Innovation and Entrepreneurship
27.	Visit to scientific innovation expo- Hitex	Quarter II	Self-driven Activity	Innovation
28.	Workshop on interpersonal skills	Quarter II	Self-driven Activity	Innovation and Entrepreneurship
29.	Idea to innovation- AI based approach and solution for stress management	Quarter III	Self-driven Activity	Innovation and Entrepreneurship
30.	Intra college idea challenge/Hackathon and through YUKTI-NIR	Quarter II	IIC Calendar Activity	Innovation and Entrepreneurship
31.	Session on Achieving Problem-Solution Fit & Product-Market Fit	Quarter II	IIC Calendar Activity	Innovation
32.	Workshop on Entrepreneurship Skill, Attitude and Behavior Development	Quarter II	IIC Calendar Activity	Entrepreneurship
33.	Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialization of Lab	Quarter II	IIC Calendar Activity	Innovation

	Technologies & Tech-Transfer"			
34.	Innovation & Entrepreneurship Outreach Program in Schools/Community	Quarter II	IIC Calendar Activity	Innovation and Entrepreneurship
35.	Translational research driving innovation	Quarter II	Self-driven Activity	Innovation and critical thinking
36.	World Intellectual Property Day	Quarter III	Celebrations	IPR
37.	Creating YUKTI Innovation Repository & Participation in Innovation Challenge	Quarter III	MIC driven Activity	Innovation and entrepreneurship & startup
38.	Celebrating India;spresidency of the G20	Quarter III	MIC driven Activity	Entrepreneurship
39.	World Creativity and Innovation Day	Quarter III	Celebrations	Innovation, design thinking
40.	International Women's Day	Quarter III	Celebrations	Celebrations
41.	National Technology Day	Quarter III	Celebrations	Innovation and IPR
42.	Industrial visit to Performics Labs	Quarter III	Self-driven Activity	Incubation
43.	Field/Exposure Visit to Incubation Unit- AIC-CCMBAtal Incubation Centre etc	Quarter III	IIC Calendar Activity	Knowledge on incubation and Preincubation
44.	Workshop on Prototype/Process Designand Development	Quarter III	IIC Calendar Activity	Critical thinking, Design thinking
45.	Session on "How to plan forStart-up and legal & Ethical Steps"	Quarter III	IIC Calendar Activity	Entrepreneurship and startup
46.	Industrial visit to caponex Labs	Quarter III	Self-driven Activity	Incubation
47.	Industrial visit to CIMAP	Quarter III	Self-driven Activity	Incubation

48.	National Technology Week	Quarter III	MIC driven Activity	Innovation and General awareness
49.	Workshop on design thinking for prototyping and entrepreneurship aspects	Quarter III	Self-driven Activity	Innovation
50.	NEP ki Samajh Celebrating 3 years of Implementation of NEP 2020	Quarter IV	MIC driven Activity	Celebration, Critical understanding, conceptualization
51.	World Entrepreneurs Day	Quarter IV	Celebrations	Entrepreneurship
52.	Session/ Panel discussion with innovation and Start up - Ecosystem Enablers from the region/state/national level	Quarter IV	IIC Calendar Activity	Innovation and Entrepreneurship
53.	Organizing Innovation & Entrepreneurship Outreach Program in Schools/Community	Quarter IV	IIC Calendar Activity	Innovation and Entrepreneurship
54.	Organize an Inter/Intra Institutional Start-up Competition and Reward Best Start-ups - Manage through YUKTI-NIR	Quarter IV	IIC Calendar Activity	Innovation and Entrepreneurship
55.	Demo Day/Exhibition/Poster Presentation of Start-Ups & Linkage with Innovation Ambassadors/Experts for Mentorship Support - Manage through YUKTI-NIR	Quarter IV	IIC Calendar Activity	Innovation
56.	Session on innovative research AI in metabolomics	Quarter IV	Self-driven Activity	Innovation
57.	Orientation cum Refreshers' Session on Institution's Innovation Council Objectives, Structure, Operation for IIC Institutions	Quarter IV	MIC driven Activity	Awareness
58.	Building the Pipeline of Quality Innovations and Startups in HEIs with Ecosystem Enablers by Creating and Managing YUKTI Innovation and IPR Repository (YIIR)	Quarter IV	MIC driven Activity	Innovation
59.	Strengthening IIC Linkages with ATLs and SICs in Schools and the Framework	Quarter IV	MIC driven Activity	Mentoring
60.	Guiding Framework for Creating and Engaging Trained Faculty and Student IIC Members, Innovation Ambassadors (IA) in IIC Institutions, and Rewarding Mechanisms for IAs	Quarter IV	MIC driven Activity	Mentoring
61.	Session on Accelerators/Incubation - Opportunities for Students & Faculties -	Quarter IV	IIC Calendar	Preincubation and incubation

	Early Stage Entrepreneurs		Activity	management, entrepreneurship
62	IIC Mentoring Session On Idea - Innovation Prototype	Quarter IV	Self-driven Activity	Critical thinking and design thinking skills
63	Mentoring Session On Generating Entrepreneur Skill Mind Set In Women	Quarter IV	Self-driven Activity	Entrepreneurship & startup
64	Independence Day- Celebrating Aazadi Ka Amritkal	Quarter IV	Celebration Activity	Innovation , and Startup
65	World Environment Day	Quarter IV	Celebration Activity	Critical thinking and design thinking skills
66	IIC 6.0 Annual Report (2023-24)	Quarter IV	MIC Activity	Challenges and Innovations
67	Session on IPR and Kapila Awareness	Quarter IV	Self driven	Challenges and Innovations
68	Session on problem identification and innovative prototypes	Quarter IV	Self driven	Challenges and Innovations
68	Session on entrepreneurial skills and business set up	Quarter IV	Self driven	Entrepreneurial skills
69	International Women's day	Quarter IV	Celebration Activity	Entrepreneurial skills
70	IIC Collaborative meet	Quarter I	Innovation and incubation	Innovation and entrepreneurship
71	AI in research by metabolomics	Quarter IV	Self driven	Challenges and Innovations
72	Idea hackathons	Quarter IV	Self driven	Challenges and Innovations
73	Organizing the Mentoring session for schools	Quarter IV	Self driven	Challenges and Innovations

1. Number and Different types of I&E and IPR activities Conducted: 30

- No. of student's & faculty ideas generated: 15
- No. of student's & faculty Innovation/prototypes developed:10
- **No. of IPs Published:8**
- **The patent grants by the faculty during the year 2023-24**

List of Patents published/ granted during year 2023-24

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YY)	Published date	Here, attach source of proof i.e. URL/website links, etc.
1	202341030197	Published	Dr. Somnath De, Dr. M. Kiranmai, Dr. Venu Madhav Katla, Dr. Sneha Thakur, Mrs. P. Roja, Mrs. E. Navya Pravalala, Mrs. B. Suhasini	A System For Diagnosis And Classification Of Breast Cancer Using Artificial Intelligence	Dr. Somnath De	26/04/2023	5/5/2023	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
2	202341075417 A	Published	Mrs. Shital Shrirang Dane	Breast cancer Detection Device Using Micro Calibration	Mrs. Shital Shrirang Dane	08.05.2023	30.08.2023	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
3	202341038923	Published	Dr. Somnath De	Innovation Process to observe the Elementary tissues of the human body	Dr. Somnath De	07.06.2023	18.08.2023	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
4	202341029332	Published	Dr. Somnath De	IOT based observation of cardiac cycle and heart sound	Dr. Somnath De	23.04.2023	05.05.2023	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus

5	202341025241	Published	Dr. Somnath De	Innovative method based on identification of Allopurinol and Febuxostat Gouty Arthritis	Dr. Somnath De	03.04.2023	05.05.2023	https://iprsearch.ipindia.gov.in/PatentSearch/ViewApplicationStatus
6	202341022644	Published	Mrs. P. Udaya Chandrika, Dr. Somnath De, G. Sudha Rani Madhabi Priyadarshini Behera Satyabrata Jena Mrs. K. Sumalatha Shipra Thapar Mrs. Annanya Gangopadhyay Dr. Anoop Kumar N Rahul Kumar Shaw Dr. Sandhya S Sapna Keshri	Novel process of Antioxidant and Phenolic content property of Lantana Camara	Dr. Somnath De	28.03.2023	07.04.2023	https://iprsearch.ipindia.gov.in/PatentSearch/ViewApplicationStatus
7	202341075419 A	Published	Dr. Kiranmai Mandava, Rahaman Shaik, Azeeda Shaik, Mahammad Shaik, Somnath De, Md. Mohiuddin, Basavaraju Sreevani	A Synergistic Pharmaceutical Composition for Management of Chemotherapeutic Agents Induced Toxicity and Preparation Method Thereof	Dr. Kiranmai Mandava	04.11.2023	23.02.2024	https://iprsearch.ipindia.gov.in/PatentSearch/ViewApplicationStatus
8	202341075417	Published	Dr. Dange Shital Shrirang , Dr. Mandava Kiranmai	Synergistic Herbal Formulation For Management Of Alopecia And Preparation Method Thereof	Dr. Dange Shital Shrirang	04.11.2023	23.02.2024	https://iprsearch.ipindia.gov.in/PatentSearch/ViewApplicationStatus

9	202441037497 A	Published	Shaik Rahaman, Dr Mandava Kiranmai, MD Mohiuddin , , Basavaraju Sreevani Dr. P. Sunil Kumar Chaitanya, P Naga Haritha, Nimisha Vegiraju, Dr. Shaik Azeeza, Dr. Syed Ata Ur Rahman, Dr. Syed Azizullah Ghor, Yadagiri Umarani	A Synergistic Composition for Blood Cancer (Leukemia) Management and Preparation Method Thereof	Mr. Shaik Rahaman	13.05.2024	31.05.2024	https://iprsearch.ipindia.gov.in/PatentSearch/ViewApplicationStatus
10	202441037497	Published	Dr Mandava Kiranmai, Shaik Rahaman, Dr. Tesneem Mohammed, Kadimcharla Keerthi, Uma Rajeswri Batchu, Sindhu Dosa, Mahesh Anumalla, Dr. N. Saritha Devi, Dr. Are Anusha, Dr. Sneha Thakur	A Combination Of Imatinib, Quercetin And Thymoquinone In Managing Imatinib Induced Depression				https://iprsearch.ipindia.gov.in/PatentSearch/ViewApplicationStatus

Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus

S.no	Items	Budgeted in 2023-24	Actual Expenses in 2023-24	Budgeted in 2022-23	Actual Expenses in 2022-23
		(in Lakhs)	(in Lakhs)	(in Lakhs)	(in Lakhs)
1.	Infrastructure Built- Up	10.75	10.64	33	32.77
2.	Library	5.1	4.22	2.5	2.81
3.	Laboratory equipment	5.5	3.76	3	2.68
4.	Laboratory consumable	5.15	5.14	4.5	4.51
5.	Teaching and non-teaching staff salary	467	468.34	400	398.59
6.	Maintenance and spares	13.75	13.76	15	14.5
7.	R&D	6.1	6.3	5	4.45
8.	Training and Travel	3.5	3.17	1.5	1.25
9.	Miscellaneous expenses	103.5	103.24	8.5	8.6
10.	Others, specify	4.45	8.96	110	112
	Total	608.45	608.91	583	582.16

No. of Student & Faculty Start-ups/Ventures established-1

Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR

1. R&D Budget: 6.1 lacs
2. IPR budget: 2 lacs
3. No. of Technology Transfer and Commercialization happened- 0

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

1. Student Innovation

The Telangana state pollution board has selected the final idea prototype submitted by students on “ Automatic plastic vending machine” Rachana Jha and Wasif rana has submitted the idea proposal on working and execution of the

plastic recycling technology via automatic plastic vending machine. Thus it reduces the SUP usage

2. Student exposure and participation in research and innovation activities

Mounika Kadali of B. Pharmacy III year has won the place in staffing scientific writing competition

Fareesa kauser Pharm D intern has won first prize in Indo Malaysian conference

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

The few selected inventions were designed as prototype which include



I prize: **Automatic Drug Dispensing Machine Made** by B. Pharmacy III year students Rachna jha, Anusha tatlari

II Prize: **Robotic hand:** By Sathvika : Pharm.D III year

III Prize: 3D printer machine for personalized medicine By III rd year B. Pharmacy students Rahul and sravani

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

The institute is planning to set up a start up for dissemination of agriculture products at Manchal village

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

1. Integrated manure processing unit: Developed a process of integrated unit approved with MSME grant of 15lakhs
2. Antialopecia hari oil: through natural ingredients developed solution for Aloepesia and successfully filed the patent
3. Automatic vending machine for drug dispensing has been approved with MSME grant of 14lakh
4. Diabetic foot ulcer patch has been developed as part of R & D activity has secured grant of 12 lakh

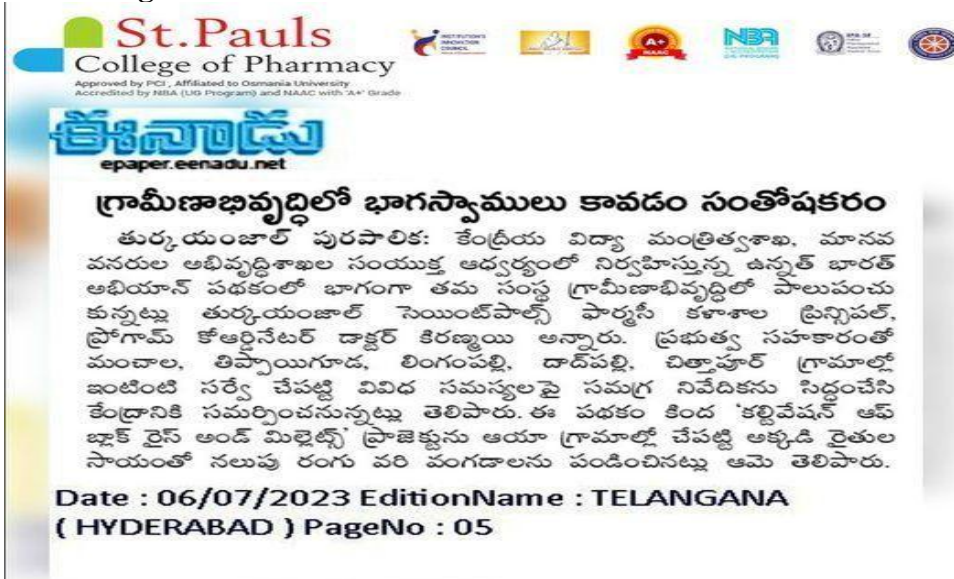
J. Participation of IIC-institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs

1. **NIRF** – participation and Rank: Ranked as participating institute in 2023-24
2. **HIBI-MSME adoption:** MSME approved incubation centre
3. **Green ranking and sustainability:** Ranked as Gold institute under green rankings
4. **NISP Adoption status** - Trained Faculty, Policy Formulation, Policy Implementation training activities pertaining to innovation and startup
5. **Smart India Hackathons:** the Hackathon was conducted and 15 working teams were selected for the final round in 2022. SIH 2024 has been launched and 11 teams have participated. Further 5 teams have been shortlisted.
6. **OU TBI product expo:** Disclosing 15 innovative products pertaining to pharmaceuticals and Cosmetics
7. **R & D centre-** 152 publications and 3 research grants
8. **MSME workshop** – As MSME approved incubation centre workshops on grants, funding and startups have been organized raising the spirit of entrepreneurship, incubation and start up.
9. **Scientific exhibition-** Many demo day exhibitions with display of products have been conducted and successfully demonstrated the potential innovations at national level hackathons.



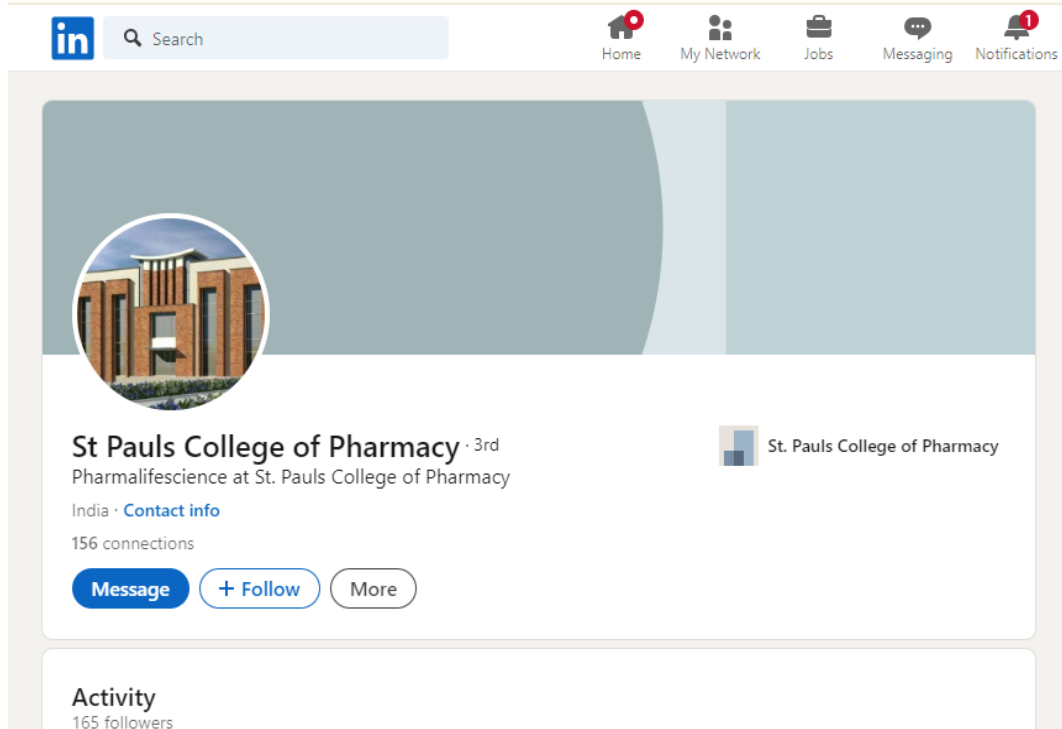
SIH 2024

10. UBA Unnath Bharath Abhiyan: A MHRD initiative for development of rural villages



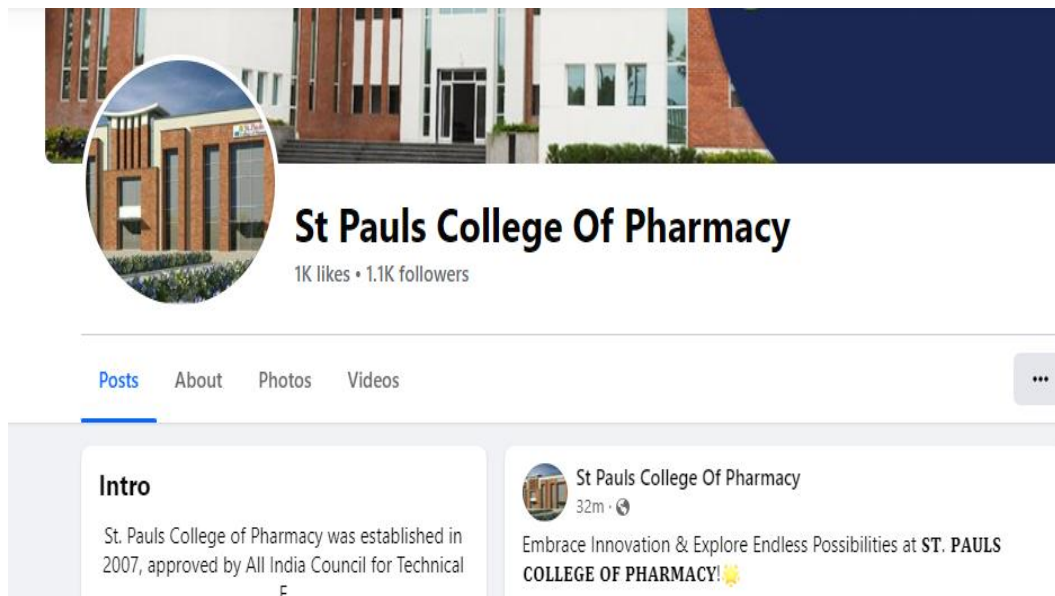
Successful accomplishment of SEG project –news paper publication

B. Detail of Social Media &Connections of IIC institute:



The image shows the LinkedIn profile of St Pauls College of Pharmacy. At the top, there is a navigation bar with icons for Home, My Network, Jobs, Messaging, and Notifications. Below this is the LinkedIn logo and a search bar. The profile header features a circular profile picture of the college building and a banner image. The text below the profile picture reads "St Pauls College of Pharmacy · 3rd", "Pharmalifescience at St. Pauls College of Pharmacy", "India · [Contact info](#)", and "156 connections". There are three buttons: "Message", "+ Follow", and "More". Below the profile information is an "Activity" section showing "165 followers".

Linkedin.com

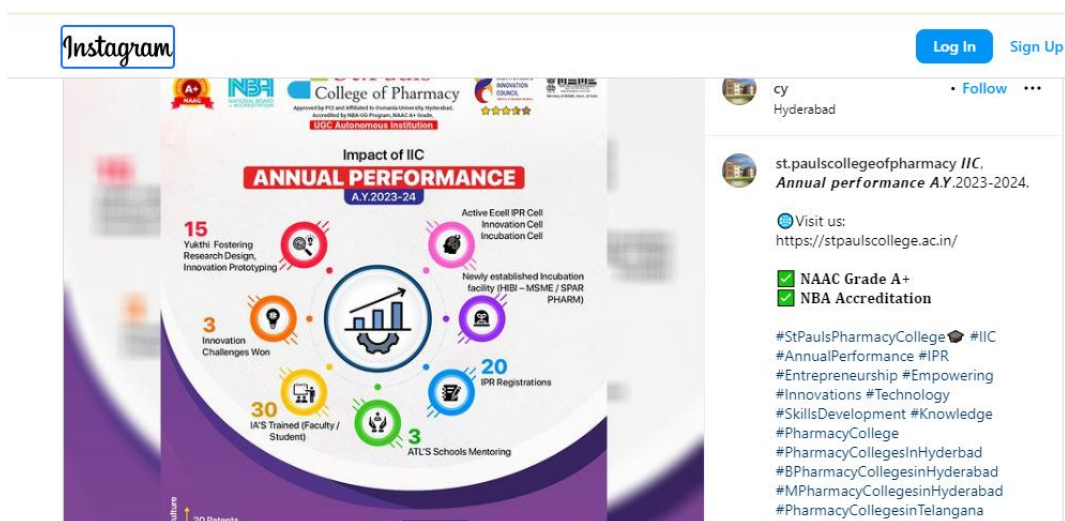


The image shows the Facebook profile of St Pauls College Of Pharmacy. The profile picture is a circular image of the college building. The banner image shows a large building with a blue sky. The text below the profile picture reads "St Pauls College Of Pharmacy" and "1K likes · 1.1K followers". Below the profile information are tabs for "Posts", "About", "Photos", and "Videos". The "Intro" section states: "St. Pauls College of Pharmacy was established in 2007, approved by All India Council for Technical Education". A post from "St Pauls College Of Pharmacy" is shown, dated "32m · 🌐", with the text "Embrace Innovation & Explore Endless Possibilities at ST. PAULS COLLEGE OF PHARMACY! 🌟".

Facebook.com



Twitter.com



Instagram.com

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



Dr.Somnath De • 1st
Professor at St.Pauls college of Pharmacy
3d • 🌐

The Institution's Innovation Council (IIC) of St.Pauls College of Pharmacy is an initiative of the Ministry of Education, Government of India, aimed at fostering innovation and entrepreneurship among students in Higher Education Institutions. St.Pauls College of Pharmacy's IIC has had a significant influence on my professional development. All the faculty members have a unique platform to explore innovation, entrepreneurship, and industry interaction.....thanks to IIC. Additionally IIC St.Pauls organizes seminars, conferences, and competitions where students and faculty from different institutions can come together to share their experiences and learn from each other. **St Pauls College of Pharmacy**
At the end I am very much thankful to Chairman and convener of IIC St.Pauls College of Pharmacy.

With regards
Dr.Somnath De
Professor and Head
Department of Pharmacology
St.Pauls College of Pharmacy.



Dr.Anusha Pharm-D, PhD (She/Her) • Following
Associate Professor at St Paul's college of pharmacy
1h • 🌐

I can confidently state that the Institutional Innovation Council (IIC) at St. Paul's College of Pharmacy has played a pivotal role in shaping my career. The IIC has provided a distinct platform for faculty members like me to delve into innovation, entrepreneurship, and industry engagement. Through a variety of workshops, seminars, and networking events organized by the IIC, I have expanded my pharmaceutical knowledge significantly. The mentorship and guidance from the council have been instrumental in helping me recognize my strengths and areas of interest. Additionally, the IIC's support in fostering industry collaborations and internships has granted me invaluable practical experience and insights into the pharmaceutical sector. This exposure was key in securing a position at a leading pharmaceutical company immediately after **graduation.** In summary, I am deeply grateful to the IIC at St. Paul's College of Pharmacy for the skills, confidence, and career opportunities it has afforded me. The experience has been transformative, providing a solid foundation for my future in the pharmaceutical industry. **#stpaulscollegeofpharmacy #stpaulscollege #stpaulsinsta** As a highly experienced professional in the pharmaceutical industry, I have gathered extensive knowledge and insights that I am eager to share with my network. Thought leadership is not just about knowing, but also about effectively communicating and contributing to the industry's advancement. I look forward to engaging in meaningful discussions and exchanging valuable ideas with all of you.



roja pathakota • 2nd
Asst. Professor, St. Paul's college of ...
7m • 🌐

+ Follow

As an IIC Ambassador, my experience at college has been transformative. Serving as a bridge between innovation and the student community, I have had the privilege of encouraging creativity, entrepreneurship, and problem-solving among my peers. The dynamic environment provided by the Institution's Innovation Council (IIC) has empowered me to think critically and collaboratively, fostering a spirit of innovation that permeates throughout the campus. From ideation sessions to hands-on projects, my role has not only enhanced my leadership skills but also deepened my understanding of how to turn ideas into impactful solutions. I am proud to contribute to this vibrant ecosystem and am excited for the continued opportunities to inspire and be inspired by the innovation-driven culture at our college.

[#stpaulscollege](#) [#stpaulsinsta](#)



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Navya Pravala • 2nd
Assistant Professor at St Pauls College...
1h • 🌐

+ Follow

As an ambassador for the Institutional Innovation Council (IIC), my journey has been incredibly enriching. The IIC's commitment to fostering a culture of innovation and creativity within academic institutions has been nothing short of transformative. Through its dynamic programs, workshops, and competitions, I have witnessed firsthand how students and faculty alike are empowered to think beyond the conventional and embrace entrepreneurship, research, and technological advancements.

Being part of this initiative has allowed me to not only represent the council but also contribute actively to shaping the innovation landscape. The IIC's collaborative approach, bringing together a diverse network of innovators, industry experts, and educators, has been instrumental in driving impactful change. The sense of purpose and community within the council is palpable, and it has inspired me to continue championing innovation and pushing the boundaries of what is possible.

I am proud to be associated with an organization that values creativity, problem-solving, and real-world impact. The experience has not only enhanced my leadership and communication skills but also provided me with the tools to mentor and inspire the next generation of innovators.

[#stpaulscollegeofpharmacy](#) [#stpaulsinsta](#)



1



shaik shireen • 1st
M.pharm Regulatory Affairs
26m • Edited •

As an IIC Ambassador, my experience has been nothing short of transformative. Representing my institution in the national innovation ecosystem has not only honed my leadership and communication skills but also deepened my understanding of the entrepreneurial landscape. The exposure to diverse ideas, and the mentorship opportunities have empowered me to think creatively and critically. I am proud to be part of a community that is driving change and fostering innovation. The journey has been immensely rewarding, and I am excited to continue contributing to the growth and success of our institution through this platform.

My heart felt thanks to [#stpaulspharmacycollege](#)



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Talla Taruntej • You
Attended Osmania University
now •

My experience as a student member of IIC has been nothing short of revolutionary. My awareness of the entrepreneurial landscape has expanded along with my leadership and communication abilities as a result of representing my institution in the national innovation ecosystem. My ability to think critically and creatively has been enhanced by the mentorship opportunities and exposure to a variety of viewpoints. Being a part of a community that promotes creativity and drives change makes me proud. The experience has been incredibly fulfilling, and I can't wait to use this platform to keep advancing our institution's development and success.

My sincere thanks to St. Paul's Pharmacy College
[#stpaulscollege](#) [#stpaulsinsta](#)



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Mentoring program and expert talk by MSME Women Entrepreneurs



Visit to National Research Center: Natural Product Innovation Center: CSIR CIMAP, Moe innovation cell



Entrepreneurship skills development program in association with CIMAP



Intra college MSME women idea hackathons 3.0 - demo day for presentation



Seminar on MSME funding and start up ideation



ATL mentor ship program on developing prototypes

MSME
 MICRO, SMALL & MEDIUM ENTERPRISES
 सूक्ष्म, लघु एवं मध्यम उद्यम
 OUR STRENGTH • हमारी शक्ति
 Ministry of MSME, Govt. of India

MSME IDEA HACKATHON 3.0 FOR WOMEN INNOVATORS
 27th JUNE 2023 - 11th JULY 2023

Features

- Submit Ideas/Innovations
- Get Validation at Proposal Under Consideration Stage
- Receive Financial Assistance upto Rs.15 Lakh per Approved Idea

Sectors

- Agriculture
- Health Care
- Power
- Services
- Miscellaneous

For Registration
 Who can apply?
 Women Owned MSME/Women Students/Other Women
 Aspirants are requested to select St. Pauls (HIBI) in the dropdown menu

To participate & know the details, Scan QR Code

CONTACT: +91 96032 41824, +91 82477 86894

St. Pauls
 College of Pharmacy
 Approved by PCI, Affiliated to Osmania University
 Accredited by NBA (UG Program) and NAAC with 'A+' Grade

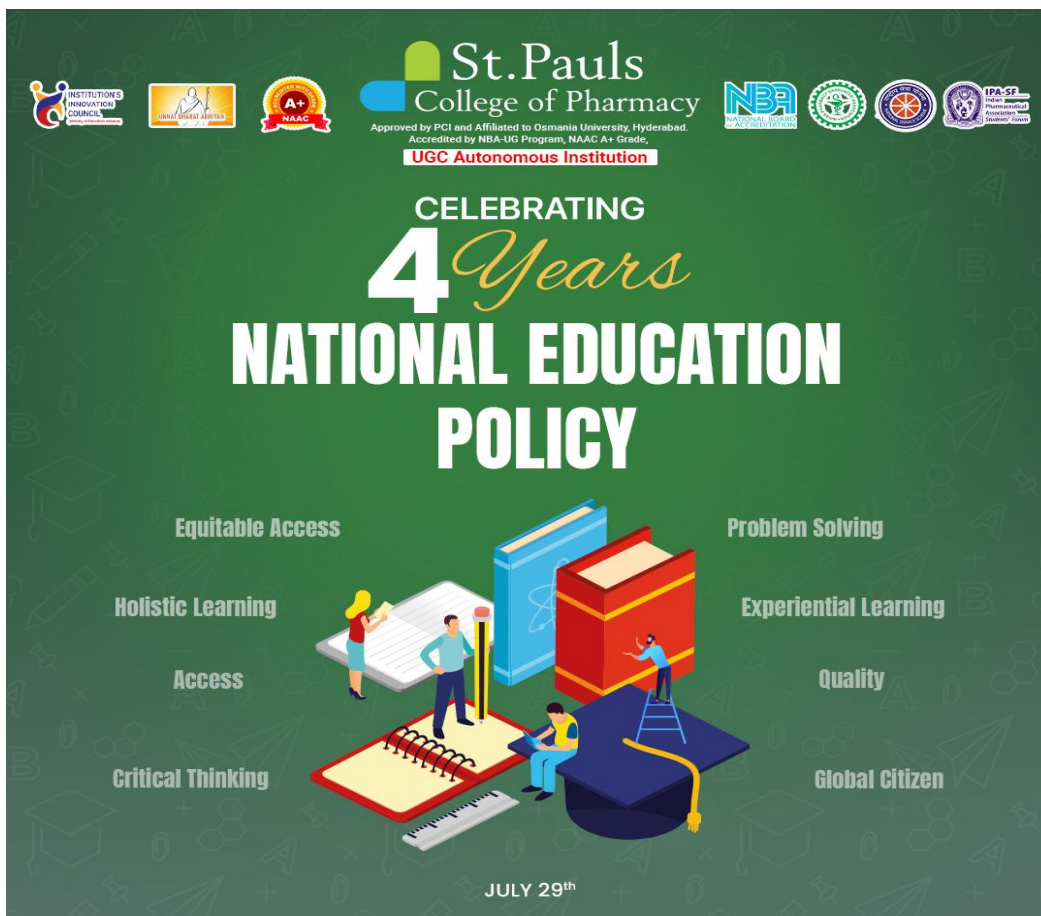
Launch of MSME Idea Hackathon



IIC Mentoring Program For Adopted Atal Tinkering Lab(ATL)Schools



IIC Annual performance report 2023-24



MIC Driven Activity on celebration of Akhilabharata Sangram And NEP

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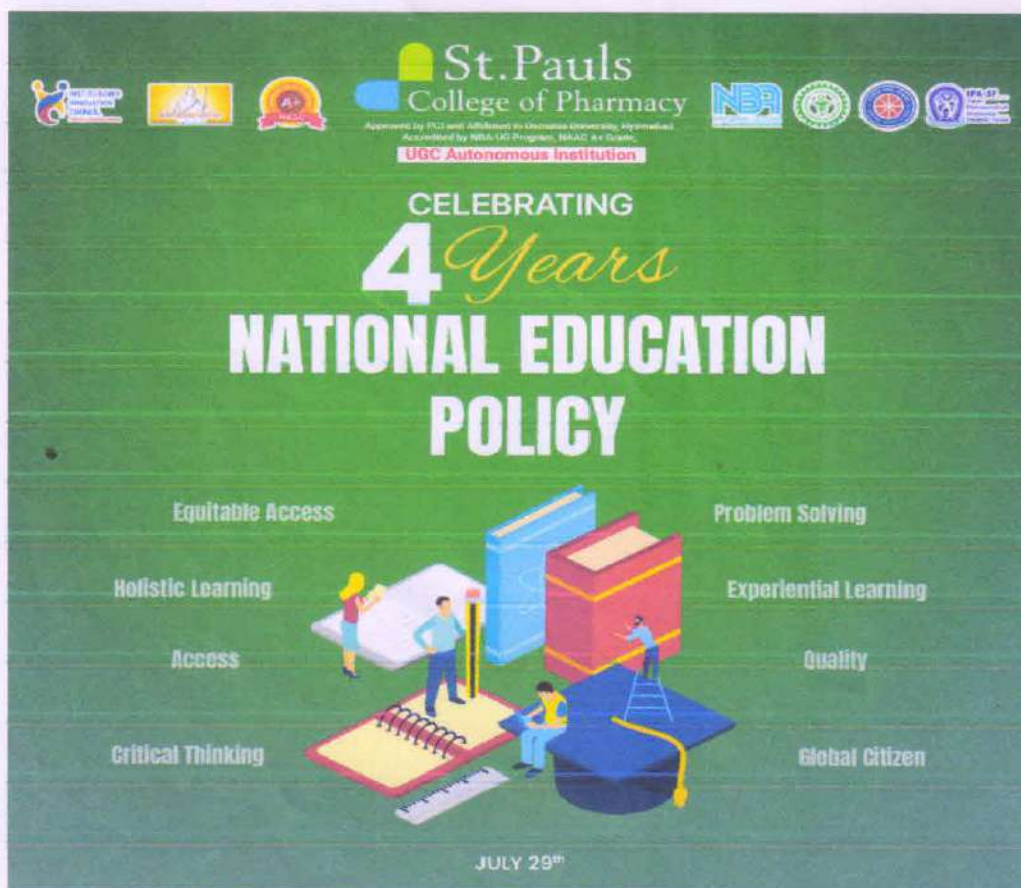
St. Pauls College of Pharmacy
 Turkayamjal (V), Nagarjuna Sagar Road, R.R. Dist, Hyderabad, Telangana -
 501510.
+91 93906 - 05800, +91 77309 - 53100
info@stpaulscollege.ac.in

IIC Convener

Dr. Sneha Thakur
 email. Id : snehathakur@stpaulscollege.ac.in
 Mobile. No: 9032783548

IIC President

Dr. M. Kiranmai
 Professor
 Principal
 St. Pauls college of Pharmacy
 Emil.id: principal@stpaulscollege.ac.in
 Mobile.no-9052001590



MIC Driven Activity on celebration of Akhilabharata Sangram And NEP

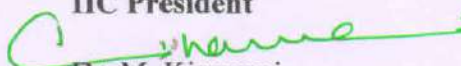
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St. Pauls College of Pharmacy
 Turkayamjal (V), Nagarjuna Sagar Road, R.R. Dist, Hyderabad, Telangana -
 501510.
 +91 93906 - 05800, +91 77309 - 53100
info@stpaulscollege.ac.in

IIC Convener

Dr. Sneha Thakur
 email, Id : snehathakur@stpaulscollege.ac.in
 Mobile. No: 9032783548

IIC President


 Dr. M. Kiranmai
 Professor & Principal
 St. Pauls college of Pharmacy
 Email, id: principal@stpaulscollege.ac.in
 Mobile. no-9052001590



Principal
St. Pauls College of Pharmacy
UGC AUTONOMOUS
 Turkayamjal, R.R. Dist-501510.