

Annual Report 2020-21

St. Pious X Degree & PG College for Women

Reaccredited with A+ Grade by NAAC
Snehapuri Colony, Nacharam, Hyd, Telangana



A. About IIC Institute

Our Vision :

To empower Women through start up ecosystem and function effectively as competent, innovative entrepreneurs.

Our Mission:

- To promote innovative thinking.
- To develop entrepreneurship skills.
- To organize idea contests to showcase the innovative ideas.
- To support innovations targeting societal priorities.
- Follow guidelines recommended by MHRD's IIC initiative.

Journey of IIC established at the Institute - reports and certificates of ranking

Achievements/Organized/Participated	IIC 1.0	IIC2.0	IIC3.0
IIC Calender Activities	All the activities as mandated by MIC	All the activities as mandated by MIC	In Q1& Q2, 3 activities were suggested by MIC, Our IIC has accomplished 8 activities, In Q3 & Q4, we have done 6 activities as suggested by MIC
MIC activities	Active participation in all the activities	Active participation in all the activities	Active participation in all the activities
Self driven Activities	All the activities as suggested by MIC	All the activities as suggested by MIC	All the activities as suggested by MIC
Participation in Hackathon	Total no. of Ideas submitted to SIH19: 20 One team reached and won in Grand finale	Total no. of Ideas submitted to IIC were 13 out of which we screened 7 through Internal Hackathon for SIH20	Total no. of teams submitting the ideas in Toycahthon were 13 from which three teams reached grand finale. One team reached the power round . For Toycahthon we also served in the capacity of Nodal center too. The SPOC for Toycahthon 2021 from our IIC was Dr. R. Komala ,

			Convenor, IIC, St. Pious X Degree & P.G. College for Women
Innovation Ambassadors	Nil	4	11
Star rating	4 stars	4.5 stars	Anticipating 5 stars



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

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Email : stpiouxcollege@yaho.co.in
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Dt : 22-10-2020

The first council meeting of Institution's Innovation Council (IIC), St. Pious X Degree & PG College for Women was called by IIC President Dr. R. Sushama to discuss upon the formulation and function of IIC & shared roles and responsibility among newly joined council members as per the guidelines of MHRD's Innovation cell.

Sr. No.	Name of Member	Member type (Teaching/ Non Teaching / External Expert)	Key Role/ Position assigned in IIC	Signature
1	Sr. B. Velangini Kumari	Principal	Head of the Institution	
2	Dr. R. Sushama	Teaching member	President/ Innovation Ambassador	
3	S. Hepsibha	Teaching member	Vice President/ Social Media Coordinator	
4	Dr. R. Komala	Teaching member	Convenor/ Innovation Ambassador	
5	Ms. Sujatha Uram	Teaching member	Innovation Ambassador	
6	Ms. Hymavathi	Teaching member	Innovation Ambassador	
7	Dr. Mala Das Sharma	Teaching member	Member	
8	Ms. C. Latha	Teaching member	Internship activity coordinator	
9	Ms. Harshanya Puppala	Teaching member	Startup activity coordinator	
10	Ms. Geetha Reddy	Teaching member	Member	
11	Mrs. Suhagini	Teaching member	Member	
12	Syeda Maher Afreen	Teaching member	Member	
13	K. Swamalatha	Teaching member	Member	
14	Dr. Sudha Swaraga	Teaching member	Member	
15	Dr. P. Sangeetha Laxmi	Teaching member	Member	
16	Ms. P.S. Sangeetha	Teaching member	Member	

17	Dr. Anjana Sukhla	Teaching member	Member	
18	Dr. Ch. Snehalatha	Teaching member	Member	
19	Ms. Paleena Thulimilli	Teaching member	Member	
20	Ms. Ch. Vijaya Rani	Teaching member	Member	
21	Ms. PL. Shravani	Teaching member	Member	
22	Ms. Rajasree Makkena	Teaching member	Member	
23	Ms. Ch. Sagarika	Non Teaching member	Member	
24	Prof. G. B. Reddy	External Expert	Patent Expert	
25	Mr. Veerender Nath	External Expert	Bank/Investor	Attended online
26	Mr. T. Suresh	External Expert	Incubation Centre	
27	Ms. B.V. Sravanthy Anand	External Expert	Start up/ Alumni Entrepreneur	Attended online
28	Ms.D. Sujatha Cecilia	External Expert	Expert from nearby industry	Attended online

The council members met and discussed about the objective of IIC, type of activities (IIC calendar and Self-Driven), features of IIC portal for monthly report submission mechanism. The council members also discussed about collaborations with organizations to accelerate the activities of IIC. The council also deliberated on quarterly action plan in synchronization with activities and initiatives of other departments, centres and facilities in the Institute working towards promoting IPR, Innovation and Start up.

The council unanimously decided to carry out all the IIC activities in regular basis throughout the year and meet regularly in beginning of every quarter to review the progress made in previous quarter and also to plan for upcoming quarter. The council has agreed to convene next meeting on 2nd Dec, 2020.

Date: 22-10-2020
Place: Hyderabad

Signature & Seal
(IIC President or HOI)
St. Pious X Degree & PG. College For Women
Snehagiri Colony, Nacharam
Hyderabad-500 076

B. Brief mention of key functionaries at the IIC Institute

President

Dr. R. Sushama, Associate Professor & Incharge Principal, St. Pious X MBA College for Women.

leading the IIC Council

custodian of IIC portal login and data reports uploaded therein.

Conducting meetings, set meeting agenda and will monitor the deliverable.

main point of contact with MHRD Innovation Cell

Responding to all communication from IIC National Coordination team (MHRD Innovation Cell)

Ensuring decent performance of IIC.

Coordinating with MHRD innovation cell

ensure Institution's participation in IIC calendar activity and take lead in the institution driven activities (own initiatives).

Ensure the effective implementation of IIC activities with the help of Convenor.

Vice President

**Mrs. S. Hepsibha Siliveru,
Assistant Professor,**

Department of Computer Science, St. Pious X Degree & P.G. College for Women

To build and strengthen the inhouse mentor pool and human resource capacity to drive campus Innovation & Entrepreneurship activities.

Identifying, handholding and guiding potential/early-stage entrepreneurs, student innovators at the Institute on regular basis.

To Develop a critical mass of motivated students & faculties with creative potential, and Entrepreneurial orientation & skill set.

Commercialization of innovations through technology transfer, technology licensing and Startups, etc.

To build infrastructure support and facilities to promote innovation and enabling environment of easy access to resources within and outside the institute.

To strengthen the intra and interinstitutional partnership and collaboration with ecosystem at different level and cocreation of new program interventions

Convenor

Dr. R. Komala, Convenor, IIC

Head, Department of Computer Science

St. Pious X Degree & PG College for Women

The Convenor will work in close coordination with IIC president and will provide help wherever required for smooth conduct of activities.

He/ She will ensure the participation in the meeting and will prepare the meeting agenda at least 10 days prior to meeting with the inputs from all valuable council members and President.

Maintain documentation of the proceedings like meeting photos, Minutes of Meetings, Meeting Video has to be uploaded to Institution YouTube Channel and the link has to be shared with competent authorities and any other proof.

He/ She will ensure that the internal examination dates would not interfere with the IIC activities and coordinate with all departments to ensure the same.

He/ She will collect the inputs from all the members of the council at regular interval, especially external members for better planning of IIC activities and effective delivery of

Coordinators

Ensure the Institution's Innovation Council's logo and the words "in association with Institution's Innovation Council, Ministry of Education (MoE), Govt. of India", is included in the brochure compulsorily for all the academic activities of their respective departments like webinars, seminars and workshops related to Industry Interaction, Startup, Entrepreneurship, Research and Innovation / Intellectual Property Rights (IPRs).

Establish Innovation Clubs for students with facilities and equipment needed for Innovation and Entrepreneurship (I & E) activities in their respective departments.

Developing an Innovative and Entrepreneurial mindset through a series of activities like workshops, awareness, market outreach events, orientation, advocacy meetings, campus hackathons, networking events (Intra and Interinstitutional, enablers, stakeholders).

Encourage faculty and students to pursue research studies related to Entrepreneurship.

Develop short term certificate courses on Innovation and Entrepreneurship.

Convince departments to offer Major or Minor Specializations or credit courses related to Innovation and Entrepreneurship (I & E) and IPR

Organize Employment Generation skill development programs of minimum 30 contact hours of duration.

Organize entrepreneurial skill development / employment generating programmes for external participants (local residents, community members, alumni etc.)

Coordinate with IPR Cell to generate revenue from patents, copyrights, trade secrets and others.

Obtain grants from Government, Non-Govt, CSR Bodies towards promoting and supporting innovations.

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

- Total No. of IIC Members – 28 faculty and external members and 20 student members.
- Total No. of IAs - 11

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

ED Cell of the College in association with IIC organised 11 programs to give orientation on incubation, preparing business plans, motivation lectures by successful entrepreneurs, ideathons and orientation on procuring financial support from various bodies.

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

- Number and Different types of I&E and IPR activities Conducted - 27
- No. of student's & faculty ideas generated - 74
- No. of student's & faculty Innovation/prototypes developed - 3
- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus – 50,000

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

- Fempreneur 2021 was conducted by young COWE. Our college ED cell coordinator. Dr. Komala ma'am encouraged me to take part in this competition. With new found support and faith I went ahead and got registered. In the first round of start up idea test we submitted the idea and among nearly 100 participants we got selected for round 2 : presentation round where we had to present our idea before the panel. We were shortlisted for finale, being one of the 6 teams to get selected to present our idea before the jury at Hitex.

On the day of finale we got to present our idea before the jury and recieved 3rd place in the competition with a cash prize of 6,000 rupees and recieved the award from food and civil supplies minister of Telangana - Gangula Kamalakar and IAS Jayesh Ranjan.

- Dr. R.Sushama was the resource person for conducting orientation for faculty and students of Raghavendra Institute of Pharmaceutical Education and research, Ananthapur, Andhra Pradesh on 12th Dec 2020.

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

The Idea is to develop a new game based on Indian Mythology where in concepts of below are used to make it very interesting and knowledgeable as well:

- 7Lokas : *Bhuvar, Swarg, Mahar, Jana, Thapa and Satya* which exist above *Bhu*
- 5 Panchabhutas : *Agni, Jala, Prithvi, Vayu and Akash*
- *Asuras and Devathas* representing the Bad and Good respectively

By **Aishwarya Venkat, Hirshita Biswil, Haritha Lekha**



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

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

- NIL

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

- **ARIIA – participation and Rank - NIL**
- **NISP Adoption status - Trained Faculty, Policy Formulation, Policy Implementation**

Mrs.P.Harshanya Asst. Professor, Dept. of Business Management, St. Pious X MBA College for Women had participated in the first training session of NISP on 29th July 2021.

- **Smart India Toyathon**
Report on “ Toyathon 2021”

Report as Nodal Center:

St. Pious X Degree & PG College for Women was a Nodal Centre for Grand finale of Toyathon 2021 which was held between 22nd & 24th June 2021. The Single Point Of Contact (SPOC) for this event was Dr. R. Komala, Head, Department of

Physics, Convenor , IIC, St. Pious X Degree & PG College for Women. The MIC SPOC assigned for our nodal centre was Mr. Puneet. In total 20 teams were allotted but only 9 teams had turned up. Two panels of 6 judges each was allotted to us. Inaugural session at our Institute level was conducted at 8.00 am on 22nd June 2021. The chief guest for the Inaugural was Prof. Limbadri, Vice Chairman, Telengana State Council for Higher Education. The guest of honour for this session was Ms. Deepika Joshi, Director ,Founder Ideovate Solutions.

For the power judging round we were allotted a new set of panellists and new teams to be coordinated.

Report as Participating Institute:

10 teams from our institute had sent the ideas for Toycathon 2021 under physical as well as diogital category. 3 teams had successfully reached grand finale out of which one team could reach power judging round. In total 78 external participants and 50 internal participants were there in this event.

Benefits: Inculcated team spirit amongst students and sensitized students towards design Thinking

K. Detail of Social Media & Connections of IIC institute

- Instagram Account: <https://www.instagram.com/stpiouscollege/?hl=enw>
- Facebook: <https://www.facebook.com/StpiousX>
- Twitter: https://twitter.com/pious_x
- Website: <http://www.stpiouscollege.org>

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

1. Dr.Komala

Convenor, IIC of St.Pious X Degree and PG College for Women, Hyderabad, Telangana

Head, Department of Physics

I thank MoE for giving opportunity to higher educational institutions to Start IIC and guiding us in many activities which instill creative thinking among students.

We are glad to be a part of Toycathon 2021.

2. Dr P. Suhasini

Associate Professor

Dept of Business Management

Being a part of Innovation Ambassador Training I would like to thank Ministry of Education Institute Innovation Council for their efforts in guiding faculty of Higher Educational Institutes and made us understand the importance of the role of faculty in mentoring the students and equipping us with knowledge on topics like IPR Design Thinking and Entrepreneurship.

3. Ms.S.Hepsibha

Vice President, IIC St. Pious X Degree & PG College for Women

Social Media Cordinator,

Department of Computer Science.

I take this opportunity to thank MoE Innovation council and I truly appreciate MIC and IIC of the college for making me a part of the Innovation Cell. This has helped the faculty and students of the higher Education institutions what innovation has to

offer in different fields. Being a social media coordinator it was a fantastic opportunity to share the best practices and learn about new channels and enhancement of the channels and network with other channel professionals.

4. Hirshita Biswil

I BBA

Student, St. Pious X Degree & PG College for Women

The IIC council at ST. PIOUS X DEGREE AND PG COLLEGE has given us members a very great opportunity to experience the advance learning and expose our talent to the top most platform. There has been various programmes conducted which helped us to think out of the content and explore the world of creativity on a next level. The Toycathon program conducted by the IIC MIC was the best platform where me and my team had a unique way of learning by experience. Our overall journey in the program was a sterling one. We open to the competition where we got the vast chance of learning something which we wouldn't get anywhere else.

5. Preeta

Student, St. Pious X Degree & PG College for Women

Creativity is thinking up new things, innovation is doing new things. I have sharpened my creativity and innovation capabilities at St. Pious X DEGREE AND PG COLLEGE for women. Dr.R. Komala ma'am, the convener of IIC at St. Pious X Degree and PG college for women, has helped me gain the confidence and present my idea in the Fempreneur 2021 competition and I bagged 3rd price. This competition took me through a new road of learning and exploring.

The IIC is always conducting sessions and webinars for us to improve and I have personally gained much knowledge from the sessions I attended. Im very grateful for everything I received here.

M. Images





N. Contact

Head of the Institution

Sr. B. Velangini Kumari

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