



Sri Devaraj Urs Academy of Higher Education and Research

(A Deemed to be University)

Research and Development Cell (R&D)

&

Innovation and Incubation Cell (IIC)

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Report of JSS visit on 28th August 2024

Dr. Prashanth Vishwanath, Dean, Research, JSS

Dr. Prashanth Sadashivamurthy, Deputy Dean, JSS

Ph.D scholars

IT team of JSS



SDUMC team

1. Dr. Kalyani R, Director of R&D cell, SDUAHER
2. Dr. Bhuvana K, Chief Co-ordinating officer, CTC
3. Dr. Ashwini NS, Chief Co-ordinating officer, IIC
4. Dr. Sangeetha T, Chief Co-ordinating officer, IPR
5. Dr. Venkateswarlu Raavi, Deputy Co-ordinator, R&D Cell
6. Mr. Joshi, IT Department
7. Mr. Divakar, Engineering Section



Agenda:

- Presentation on the JSS Institution Innovation Cell
- Discussion on TECSOK and Sparkle Cine activities
- Overview of the Innovation and Incubation Center (IIC) activities.

JSS Institution Innovation Cell Overview

The meeting began with an overview of the agenda and objectives: to discuss Sparkle Cine's activities in collaboration with the JSS Innovation Centre and TESCOK, and their involvement in government-funded projects.

Dr. Prashanth Sadashivamurthy presented the structure and objectives of the JSS Institution Innovation Cell. Emphasis was placed on fostering a culture of innovation and entrepreneurship within the institution. The Innovation Cell's role in supporting start-ups and facilitating industry collaborations was highlighted.

TECSOK Activities:

TECSOK's involvement in providing consultancy services to support the innovation cell was discussed. The partnership aims to guide budding entrepreneurs in areas such as feasibility studies, market research, and project management. Recent projects and success stories were shared to illustrate the impact of this collaboration.

Sparkle Cine: Introduction to Sparkle Cine as an initiative to promote creative and technical skills in the field of media and entertainment was discussed. The cell's role in organizing workshops, competitions, and events under Sparkle Cine to encourage student participation was outlined.

Innovation and Incubation Center (IIC) Activities:

Dr. Prashanth Vishwanath elaborated on the on-going projects and programs under the IIC. The IIC's efforts in supporting start-ups through mentoring, funding opportunities, and infrastructure support were discussed. Events, including hackathons, innovation challenges, and collaboration with industry partners, were part of discussion.

Section 8 company composition and government of India activities discussed.

The discussion included the structure and legal framework for setting up a Section 8 company within the Innovation and Incubation Center (IIC).

The importance of establishing a Section 8 company to promote research and development, innovation, and entrepreneurship in alignment with the JSS Innovation Cell's objectives was emphasized. The roles, responsibilities, and composition of the board of directors for the Section 8 company were outlined.

Snail slime in cosmetics, millets with low GI index for pre diabetics and diabetics, low cost dental chairs, ozone based dental steriliser, beetle leaf mouthwash, domiciliary Covid kit, tech enabled classrooms etc. are their inventions have been catered to the public. Vruksh medical sciences, fycomed life ltd. Space dent innovations etc are few of the startup companies. They have instrument medical dealers and startups and engineering faculty and students to help in converting the ideas, design to product.

They conduct more than 30 IIC activities every year. Jan Sikshan Sansthan in association with Sparkle Cine have been conducted in JSS and directors from across the India were part of it. The activities of IIC have to be converted to outcome. They are also associated with IIT Bombay. Hackathon on devices were conducted.

They have an eco-friendly 3D printer in their IIC wing that helps design the idea product. Engineering college also is connected with IIC to develop ideas. Biomedical schools, pharmacy, public health school, life sciences and other specialities are connected.

The work team of IIC was discussed and was informed that they have only 5 directors. The space of IIC is 3225sqft with 5 rooms space for incubates and a positive working environment that provides AI powered camera and human tracking 24/7.

An overview of various Government of India initiatives that align with the goals of the IIC was provided. Specific programs like the DST, FIST, SAATHI etc. were discussed in the context of how they could benefit the institution's start-ups and innovation activities. Opportunities for funding, grants, and support from government schemes were highlighted, with a focus on leveraging these resources to enhance the impact of the IIC's projects. These discussions aimed to further integrate government support and legal frameworks to strengthen the IIC's foundation and expand its outreach and effectiveness.

The discussion emphasized the Government of India's initiatives related to entrepreneurship and the formation of companies.

Programs such as Start-up India and the role of Section 8 companies in fostering entrepreneurship were explored.

The IIC's strategy for leveraging these government activities to support entrepreneurs,

particularly in creating and scaling up companies, was discussed. This focused on aligning the IIC's objectives with national priorities to promote entrepreneurship and support the growth of new companies within the institution.

The role of medical professionals in the **National Innovation and Startup Policy (NISP) 2019** was highlighted. Doctors at JSS are encouraged to actively participate in innovation and entrepreneurship activities, with a focus on translating medical research into marketable products and services. The policy aims to involve healthcare professionals in developing healthcare innovations that address local and national healthcare challenges.

Faculty Development Programs (FDPs) in JSS:

The importance of Faculty Development Programs (FDPs) in fostering a culture of innovation was discussed. These programs aim to equip faculty members with the necessary skills and knowledge to mentor students in innovation and entrepreneurship.

Special focus was placed on integrating these programs with the goals of the JSS Innovation Cell to create a more robust incubation ecosystem. Incubation Mechanism at JSS: The mechanisms in place for incubating start-ups at JSS were elaborated upon. This includes the support structures, mentoring, and resources available to entrepreneurs at various stages of their start-up journey. The incubation ecosystem at JSS is designed to nurture innovative ideas from conception to commercialization. Financial Mechanisms, Financial strategies and mechanisms to support start-ups were discussed, including seed funding, venture capital, and partnerships with financial institutions. The role of JSS in facilitating access to these financial resources was emphasized. Incubated Ecosystem in JSS: The incubated ecosystem at JSS was reviewed, focusing on how it supports the growth and development of start-ups. The collaboration between different departments, including the FIST department and DST, was discussed to enhance the support available to incubated companies.

FIST Department and DST:

The FIST department's role in providing infrastructure support under the DST was discussed. The discussion covered the various grants available at JSS for supporting innovation and entrepreneurship. Information on obtaining funding from government bodies like the Department of Science and Technology (DST) and other agencies was shared. The role of these grants in sustaining the incubation ecosystem at JSS and supporting faculty and student-led start-ups was emphasized. The support from the DST, particularly in terms of grants and resources, was highlighted as a critical factor in the success of the JSS Innovation Cell's initiatives. The meeting also covered the establishment of a Centre of Excellence at JSS, which would be funded in part by these grants. The Centre of Excellence aims to focus on cutting-edge research and innovation in specific areas of strength within the institution. The role of the Centre in attracting additional funding, fostering interdisciplinary collaboration, and enhancing the institution's reputation as a leader in innovation was discussed.

These discussions underscore the strategic use of grants to bolster JSS's infrastructure, support innovation, and establish leading research centres that contribute to the broader goals of the institution.

Centre of Excellence

The establishment of a Centre of Excellence at JSS was a key topic of discussion. The Centre is intended to focus on advanced research and innovation in specialized areas, aligning with the institution's strengths and strategic goals. It will serve as a hub for interdisciplinary collaboration, bringing together experts from various fields to work on innovative projects. The Centre of Excellence will also play a pivotal role in attracting additional grants and funding, enhancing the research capabilities of JSS. The long-term goal is for the Centre to contribute significantly to both national and global advancements in its chosen areas of focus. This initiative is part of JSS's broader strategy to elevate its status as a leading institution in research and innovation.

Entrepreneurship Development Program (EDP)

The EDP at JSS Innovation Centre was discussed that aims to foster entrepreneurial skills among students and aspiring entrepreneurs. The program provides training, mentorship, and resources to help participants turn innovative ideas into viable business ventures. The program is designed to support individuals through various stages of entrepreneurship, from ideation to market entry. One of the key activities of the EDP is the organization of start up incubators and pitch competitions. These events provide participants with opportunities to present their business ideas to potential investors and gain valuable feedback. The program also facilitates networking opportunities, allowing participants to connect with peers, mentors, and industry professionals. Meetings are conducted to convert ideas to projects to funds and grants till commercialisation. They have Nidhi Prayas grants and the projects with potential career building are encouraged and financial support is provided by the team.

IIC policy

The IIC policy, mechanism, right mindset and finance have been utilised at JSS to set the IIC. FIST, DST etc. was oriented and funds that came with the agencies.

Dr. Prashanth Vishwanath informed that only APC charges were given in JSS and no incentives.

They have a strong start ups in millets with government of India and presentation was given by the team on their products.

Attorneys of IPR

Attorneys of IPR was discussed. They have in-house attorney and outside hiring is also available.

Next step

The JSS team suggested that we can have IIC and EDP programs planned wherein faculty and student exchange can take place and they are going to support us with grant programs together. It was also concluded that an official visit can be scheduled in the month of November 2024 after their 3rd NAAC cycle.

Dr. Kalyani R
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