



Annual Report 2022-23

A. About IIC Institute

Mission: To inculcate the culture of Research and Innovation amongst the student's fertility.

Vision: To make stakeholders as Entrepreneurs to serve the nation.⁴

Journey of IIC:

IIC cell, SVCE established in the Year 2018 with the extensive support of AICTE, New Delhi and IIC Cell, MOE, New Delhi. The IIC cell started inculcating the culture of Innovation amongst students. With the help of IIC Cell established created awareness amongst students on Entrepreneurship Development and Startup activities. IIC cell actively participated in various activities conducted by MOE IIC Cell and stood in the best IIC institute in IIC 1.0 amongst SWRO region. The journey of IIC continued with the version IIC 2.0 where much more concentration given on provoking students to participate in Hackathons and Organize Hackathons, Idea Pitching Events, Establishing Incubations and Startups inside the campus. IIC 2.0 journey made us to understand real need of Innovation Cells in campus. SVCE, Bengaluru bagged 4.5 rating in IIC 2.0. The journey continued with IIC 3.0 to organize and encourage students to participate in various activities and SVCE, Bengaluru bagged 4 Star rating in IIC 3.0.

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

In SVCE, Bengaluru to inculcate the culture of IIC activities, Q-RIDES R&D centre established to bridge the gap between industry and academia. The main motto of this centre is to create the Quality culture in Research, Innovation, Development, Entrepreneurship and Social Responsibility. This cell is also attracting various startups to establish inside the campus. And alongside the students are encouraged to start their own startups as per NISP with additional facilities provided by SVCE, Bengaluru.

B. Brief mention of key functionaries at the IIC Institute:

President: Dr. Shashidhar Muniyappa, CED, SVGI, Bengaluru

Vice President: Dr. Nageshwara Gupta M, Principal, SVCE, Bengaluru

**Convenor: Dr Nirmala S Gupta, Convener, Prof and Dean R & D, SVCE
Bengaluru.**

Coordinators :

| Sr. No. | Name of Member | Member Type | Key Role/ Position assigned in IIC |
|----------------|------------------------|--------------------|---|
| 1. | Dr. Nageshwara Gupta M | Teaching | Vice President |
| 2. | Dr.Nirmala S Gutpha | Teaching | Convener |
| 3. | Mr.Revanasiddappa M | Teaching | NISP Coordinator |
| 4. | Dr.Nirmala S Gutpha | Teaching | ARIIA Coordinator |
| 5. | Dr Poornima G R | Teaching | Internship Coordinator, IIC Member & Innovation Ambassador |
| 6. | Mr. Shridhar Deshpande | Teaching | Innovation Activity Coordinator, IIC Member & Innovation Ambassador |
| 6. | Mr.Prakasha G | Teaching | IIC Member & Innovation Ambassador |
| 7. | Mrs Prathibha A | Teaching | IIC Member & Innovation Ambassador |
| 8. | Dr Sunil S | Teaching | IPR coordinator, IIC Member & Innovation Ambassador |
| 9. | Dr S C Lingareddy | Teaching | IIC Member & Innovation Ambassador |
| 10. | Dr Loganathan R | Teaching | IIC Member & Innovation Ambassador |
| 11. | Dr Jijesh J J | Teaching | IIC Member & Innovation Ambassador |
| 12. | Dr Prathima V R | Teaching | IIC Member & Innovation Ambassador |
| 13. | Dr Hema M S | Teaching | IIC Member |
| 14. | Dr Thirologa Sundaram | Teaching | IIC Member |
| 15. | Dr Latha M S | Teaching | IIC Member |
| 16. | Dr Srinivasa Rao | Teaching | IIC Member |
| 17. | Prof Naveen Kumar B M | Teaching | IIC Member & Innovation Ambassador |
| 18. | Mr Chethan C | Teaching | NIRF coordinator, IIC Member |
| 19. | Dr Prathibha | Teaching | Dept -BS IIC /ARIIA Coordinator |
| 20. | Mrs Meghavarshini | Teaching | Dept –ECE IIC /ARIIA Coordinator |

| | | | |
|----|---------------------|----------|--|
| 21 | Mr Prasanna | Teaching | Dept –MBA IIC /ARIIA Coordinator |
| 22 | Mr.Abhilash D C | Teaching | Dept –CSE IIC /ARIIA Coordinator |
| 23 | Ms.Rakshitha K S | Teaching | Innovation Ambassador |
| 24 | Mrs Lavanya S | Teaching | Dept –CV IIC /ARIIA Coordinator |
| 25 | Dr Suma T | Teaching | Innovation Ambassador |
| 26 | Dr Manjunatha N K | Teaching | IQAC Head |
| 27 | Mrs Kulkarni Varsha | Teaching | SAA Coordinator |
| 28 | Mrs Swapna CH | Teaching | Social Media coordinator, IIC Member & Innovation Ambassador |

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

- Total No. of IIC Members :- 28
- Total No. of IAs :- 17
- Total No. of faculty Mentors From Portal- 5
- Pre-Incubation Units, If any - yes
- Incubation Units, If any- yes we got
- IP Facilitation Unit, If any- yes

- Total No. of IIC Members
- Total No. of IIC Members
- Total No. of faculty Mentors
- Incubation Units, If any

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

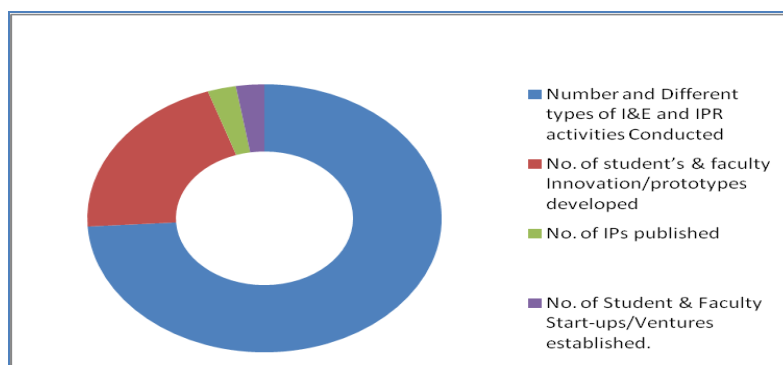
In SVCE Campus the promotion of Entrepreneurship and Innovation is taking place in vertical phase to encourage students to become next generation Job Creators. In view of this the SVCE Bengaluru Established research facility called Q-RIDES where the

students and Faculty members can work towards the Entrepreneurship and Innovation to undertake the various project and product development. And various clubs are established to promote the culture of Entrepreneurship and Innovation. The clubs include Data Science Club, Artificial Intelligence Club, Bio Fuel Club, Environmental Club and IOT club etc.,

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

- Number and Different types of I&E and IPR activities Conducted
- No. of student's & faculty ideas generated- 22
- No. of student's & faculty Innovation/prototypes developed-05
- No. of IPs generated, published and granted-23,23,02
- No. of Student & Faculty Start-ups/Ventures established.-05
- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus
- Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR
- No. of Technology Transfer and Commercialisation happened- yet to

Achievements



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]

Best IIC Faculty/Student members:

Mr. Vikash Garg : He is the winner of SIH-2020 Software Edition solved the problem statement given by DRDO. And he also established a Startup FATE Technologies.

Face book : <https://www.facebook.com/svcebengalore>
Twitter : <https://twitter.com/SvceBengaluru>
Instagram : https://www.instagram.com/svce_bengaluru
Youtube : https://www.youtube.com/channel/UCqMBjhWHtG_bHu55H3rPtqw

K. Testimonials from IIC Members :

IIC Cell,SVCE gave me an opportunity to gain the knowledge of Entrepreneurship and Innovation apart from the regular academic works and technical knowledge gained in day to day activities. With this support today I could able to mentor more than 7 startups.

Mr. M S Satyanarayana, Innovation Coordinator and IA

Recently I Joined SVCE,Bengaluru and I am fortunate that I got opportunity to involve in IIC cell activities. Which really enhanced my knowledge about Entrepreneurship and Innovation. Now I could able to deliver sessions on this.

Ms. Rakshitha K S, Innovation Ambassador

NISP is an excellent platform to make the students as Job Creators than Job Seekers. With the help of NISP cell supported by MOE, New Delhi at SVCE , Bengaluru created startup policy and we are happy to say this year 2 startups has been established from our own students.

Mr. Revana Siddappa M, NISP Coordinator and Innovation Ambassador

Testimonials from outside Members:

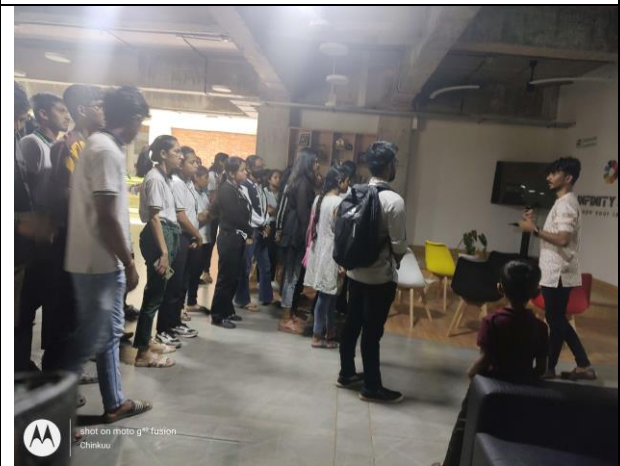
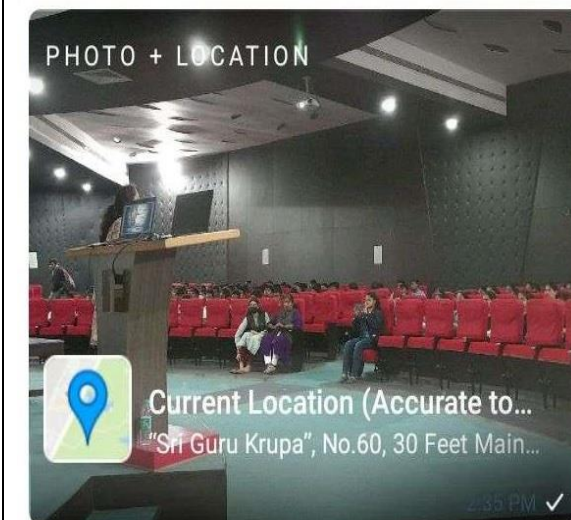
I am happy to be associated with IIC Cell, SVCE, Bengaluru. I have taken sessions on IPR for both faculty and students. I could able to see the interest and zeal what the team have to really imbibe the knowledge.

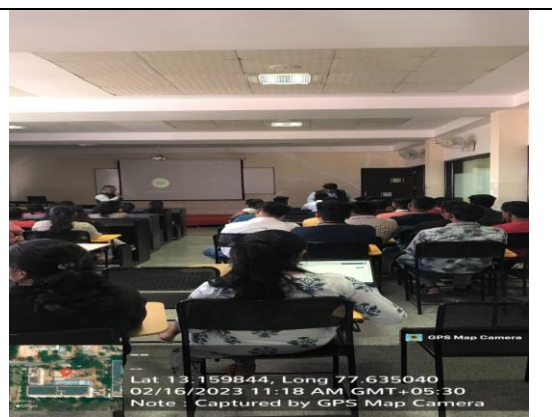
Mr. Jnanateja Bandi, Patent Atorny.

IIC Cell, SVCE really striving hard to encourage the students to be the next generation entrepreneurs to inculcate the culture of Make in India and Made In India. I am happy to be associated with IIC Cell, SVCE, Bengaluru.

Dr. Jeny , IEDC Coordinator, Kalasalingam College of Research and Education.

L. Images:



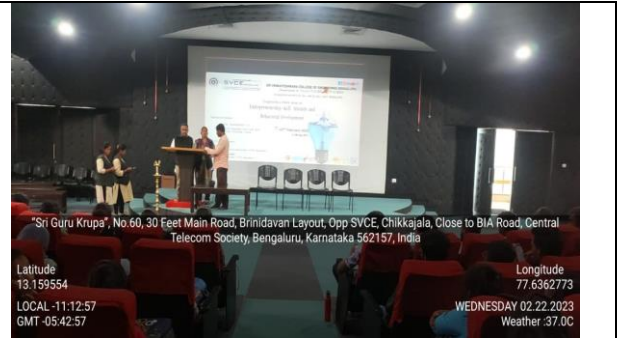




Villa-37, VASANTH VIHAR POCKET-1, Vasanth Vihar Pocket-1, Central Telecom Society, Bengaluru, Karnataka 562157, India

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GMT -06:03:33

Longitude 77.6369669
WEDNESDAY 02.22.2023
Weather :37.0C

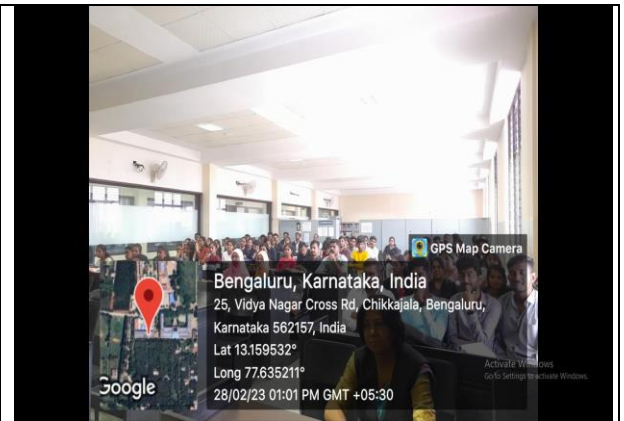


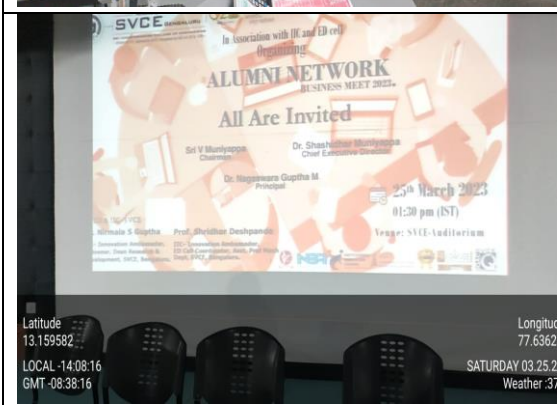
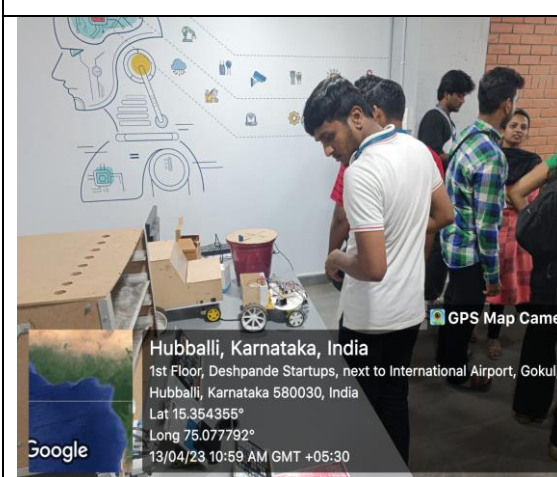
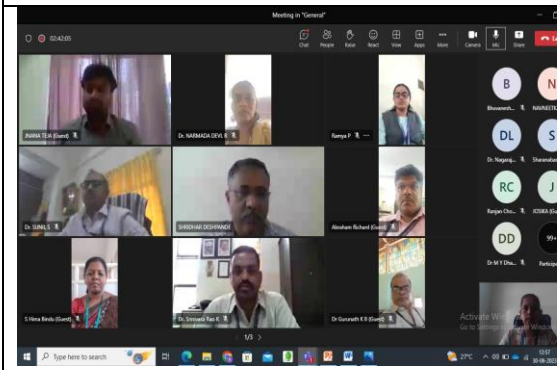
"Sri Guru Krupa", No.60, 30 Feet Main Road, Brinidavan Layout, Opp SVCE, Chikkajala, Close to BIA Road, Central Telecom Society, Bengaluru, Karnataka 562157, India

Latitude 13.159554
LOCAL -11:12:57
GMT -05:42:57

Longitude 77.6362773
WEDNESDAY 02.22.2023
Weather :37.0C









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

- DESIGN OF WALKING BEAM MECHANISM AND COLOR SORTING ROBOTIC ARM - USING ADDITIVE MANUFACTURING TECHNIQUES: aims for the use of kinematic synthesis to design a working physical prototype of a link

transport mechanism and to split/discrete the objects from a stack according to their colour. The link bar mechanism allows transporting more than one product as compared to its bar counterpart

"DESIGN AND FABRICATION OF MULTIFUNCTIONAL AUTOMATIC TROLLEY "

Transport mechanisms and their application lie in various industries like manufacturing, assembly, packaging, etc., and the identification of particular colour is done by a light intensity that of frequency converter method. The robotic arm is controlled by a microcontroller-based technique that controls DC servo motors. The whole prototype design is carried out by a designing tool and then using ADDITIVE manufacturing techniques 3D models are fabricated.

Contact:

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