

## **A. About Sri Krishna Arts and Science College**

**Sri Krishna Arts and Science College** was established in 1997 and currently offers 31 Undergraduate Programmes, 12 Postgraduate programmes and 8 Research Programmes with a student strength of 8136. It has an enviable infrastructure covering up to 3.4 acres of land. Nestled in the Western Ghats, it reflects the lush landscape of its surroundings. The college follows the latest ICT methods in Teaching and Learning and continuously strives towards greater heights as a team.

### **Major Achievements**

- Secured 33<sup>rd</sup> Rank in NIRF 2022 at the National Level.
- 1<sup>st</sup> in Institutional Swachhata Ranking, 2019 at the National level in the College category.
- Swachhta Mentorship – To mentor five colleges in the geographical vicinity to inculcate Swachh-related awareness.
- IIC Mentorship for HEI's – To mentor five colleges, they are
  - B K Sheroff College of Commerce, Mumbai
  - Chevalliar T Thomas College for Women, Chennai
  - Vivekanada College for Women, Tiruchencode
  - Noorul Islam Arts College, Nagercoil
  - Valluvar College of Science and Management, Karur
- SIC Mentorship - Metro Matriculation Higher Secondary School, Mettupalayam.
- Partnered in Swachhta Action Plan (SAP) with Mahatma Gandhi National Council of Rural Education (MGNCRE), MHRD.
- Rural Entrepreneurship Development Cell (REDC) was established by Sri Krishna Arts and Science College in association with Mahatma Gandhi National Council of Rural Education (MGNCRE), MHRD, to identify and promote the potential of the rural youth.
- Recognised under the DBT-STAR college scheme from 2019 onwards.
- Selected under the “PARAMARSH” scheme by UGC, New Delhi, to act as “NAAC Mentor”.
- NPTEL Local Chapter has secured 26th position at the National Level and is listed in the Top 100 SWAYAM-NPTEL Local Chapters among 3,325 LCs in India.

- Awarded 5 Stars and scored 98.3 out of 100 in 2019, 4 Stars with 49.9 out of 50 in 2020, 4 Stars with 90.1 out of 100 in 2021 and 4 Stars with 80.01 out of 100 in 2022 for the Institution Innovation Cell (IIC) activities by MIC, Ministry of Education, Government of India.
- ARIIA, MoE has ranked SKASC in the Band Performer Category.
- Research, Seminar, and Conference grants have been received from various apex bodies like AICTE, TANSOST, DBT, UGC, NAAC, UBA and NHRC.
- Linked with I-STEM for R&D services. More than 85% of students were placed through campus placement

### **Vision**

To empower students with innovation and progress, we cultivate a dynamic culture of creativity, curiosity, and collaboration through mentorship, driving transformative innovations for a brighter future.

### **Mission**

To cultivate a thriving ecosystem of innovation and entrepreneurship within our institution by collaborating with all departments to inspire, nurture, and empower student innovators, facilitating the growth of sustainable startups.

## **Journey of SKASC-IIC**

SKASC established its own Innovation Cell in the year 2018. The journey begins with MHRD's Leadership Talk Series by Eminent Personalities like Mr. Anand Mahindra, Mrs. Kiran Majumdar Shah, which helped SKASC to inculcate the entrepreneurial culture in the young minds.

IIC of Sri Krishna Arts and Science College started with 7 faculty members and 300 students in 2018. Now, it is expanded with 31 faculty members and around 5695 student members. The self-driven activities include Ideathon, Bootcamp, Proof of Concept, Prototype and Product Evaluation. Also, we have organised field visits and incubation visits.



The Institution’s Innovation Council of SKASC facilitates new startups applying e-Udyog Aadhar to the student members. Nearly 149 Workshops & seminars on Design Thinking and innovation, IPR, Entrepreneurship and Startup were arranged to motivate the student to become an entrepreneur.

### Mentor Mentee Program for HEIs

Mentor-Mentee program was a flagship program given to SKASC by IIC as an honour. In this program, we had an opportunity to mentor 5 HEIs nationwide. KES shroff College for Commerce, Mumbai, Noorul Islam College of Arts and Science, Nagercoil, Valluvar College for Science and Management, Karur, Vivekananda College for Women, Tiruchengode and Chevalier T Thomas College for Women, Chennai.



The Mentor-Mentee Program was a funded program under MoE, GoI. It all started with an orientation program for mentees and quarterly review meetings with equal intervals of 3 in a year. Business Model Canvas, IPR and Design Thinking Guest Lecture and Workshop Series were also part of this flagship program. Then, two days Innovation

Exposure Visit Training Program was organised for the Mentee institutes and each college, we had two IAs representing the institution participate in a two-day program. The IAs were taken to Forge Academy, KCT Tech Park Campus, which gave all participants insights into establishing the proper incubation ecosystem at their respective institutes. The last program of this Mentor mentee program was the physical Monitoring Review program was organised by Rajesh.M, Professor and Convener IIC SKASC, Dr.S.Subbaiah, Assistant Professor, and IA SKASC in person, visited all mentee institutes and gave the mentee institutes an idea on implementation of innovation ecosystem at their institute level.



### Students achievement in Smart India Hackathon

Students participated in the hackathon, and a student team shared the idea with **the Honorable Prime Minister of India**. SKASC is exceptionally proud of M. Shwetha, 4th year MSC SS, who had the opportunity to interact with our Honorable Prime Minister, Shri Narendra Modi, on 1<sup>st</sup> August during the Smart India Hackathon. She was among the 1000 projects at the 3-day software edition of SIH-2020.



In 2021-22 SIH, Sri Krishna Arts and Science College has strongly made an impact by getting 5 teams to qualify for finals. The teams Bot Clean, Sigma Six, Team Pegasus, Team Binary Brains, and Team Jarvis participated and presented their ideas at Nodal Centers Lovely Professional University – Punjab, Sri Venkateshwara Engineering College –

Puducherry, IIT Kanpur, Parul University – Gujarat. Out of 5 teams, two teams have won prizes in this SIH they are Team Pegasus won 1<sup>st</sup> prize with a cash award of Rs1,00,000 at Nodal Center IIT Kanpur, on imparting Problem domain – Smart Automation. The Team Pegasus consists of student members Ms.Kavipriya.M, Mr.Gokul.S, Mr.Parameshvar.M, Ms.Harini.M, Mr.Harish.M and Ms Swathi.M of IV M.Sc Software Systems and the team had an Industry Mentor Mr Santhosh Kumaresan, Program Analyst, Cognizant and SKASC is proud to say that Santhosh is Alumni of our institution, who accepted our invitation to mentoring our students and making us achieve it.

Team Jarvis participated at Nodal Center Galgotia University, Noida and won the Hardware Edition “Best Innovation Award” award. The team was represented by Mr.Rohith Yasif – Lead, Mr.Syed Mohamed Ibrahim, Mr.Ranjith Krishna, Mr.Jegan Prabhu, Ms.Shivani of IV M.Sc Software Systems and the team was mentored by Industry Mentor Dilipan.K, Lakshmi Machine Works(LMW).

### **Representation from Industry**

1. Mr. Nandakumar – CEO, DCloudway, Coimbatore.
2. Mr. Lakshmi Narayanan – CEO, Sherpa Biotech, Coimbatore.
3. Dr. Vijay Prakash, Senior Manager, Biocon Private Limited, Bangalore.
4. Mr. Selvakumar Varadharajan, CEO, Vilfresh Dairy, Layman Agro Private Limited, Coimbatore.

5. Dr. D. Sudhaharan, General Manager, Golden Jubilee Bio-Tech Park for Women, Chennai.
6. Mr. Iyyer Ramasamy Krishnan, Associate Analyst, Deloitte USI, Hyderabad
7. Mr. M. Senthilkumar, CEO & Founder, Jio Vio Healthcare Pvt Ltd, Madurai.
8. Mr. T. N. Raj Vignesh, Executive Director, Salieabs Solutions LLP, Salem.
9. Mr. Kathirvel, Redhat Architect, Vectra Technosoft Pvt Ltd, Chennai.

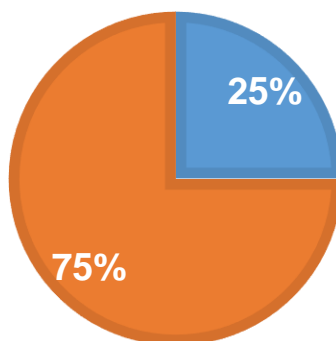
### Representation from Interdisciplinary

#### Representation from

1. Dr. Selvaraj, Professor, Department of Agronomy, Tamil Nadu Agriculture University, Coimbatore.
2. Dr. S. Karthikeyan, Renewable Energy, Tamil Nadu Agriculture University, Coimbatore.
3. Dr. T. Parimelazhagan, Director – IPR & Professor & Head, Department of Botany, Bharathiar University, Coimbatore.

### PERCENTAGE OF INDUSTRY & INTER DISCIPLINARY REPRESENTATION

■ Inter Disciplinary ■ Industry



#### B. Brief Key Functionaries of IIC - SKASC

S.No	Faculty Name	Designation	Department
1	Dr.R.Jagajeevan, Principal	President	
2	Dr.C.Sunitha, HoD	Vice President	AIML/SS

3	Mr.M.Rajesh, Asst. Professor	Convener (IIC, ARIIA, NISP)	BBA/BBA CA
4	Mr.Julian Gnana Dhas.C, HoD	NIRF and IQAC Coordinator	BBA/BBA CA
5	Mr.Jelsteen.J, Asst. Professor	Startups Coordinator	BCA/CSA
6	Mr.Madhan.V, Asst. Professor	Internship Coordinator	Mathematics
7	Ms.Nandhini.V, Asst. Professor	Innovation & Design Thinking Coordinator	Mathematics
8	Dr.Narendran.S, Asst Professor	IPR and Social Media Coordinator	Bioscience
9	Dr.Kumarasamy, Asst Professor	Entrepreneurship Coordinator	Com - A&F
10	Dr.Tamilmozhi.M, Asst Professor	Member	Bioscience
11	Mr.Shankar.R, Asst Professor	Member	CT/DS
12	Dr.Joselin.J, Asst Professor	Member	BCA/CSA
13	Dr.K.Gomathi, Asst Professor	Member	IT/Cog. Systems
14	Mr.Christy Andrews. J, Asst Professor	Member	CS/SS
15	Dr. Shankar.S, Asst. Professor	Member	ECS
16	Mrs.Jhansi.M, Asst. Professor	Member	CSHM
17	Mr.Sakthivel.R, Asst Professor	Member	English
18	Ms.Kiruthika.G,	Member	English

	Asst Professor		
19	Dr.Lalitha.S, Asst. Professor	Member	Com-BPS
20	Dr.Sujetthra.A, Asst. Professor	Member	Com-A&F
21	Mr.Gowrishankar.R, Asst. Professor	Member	Com-PA & CS
22	Dr.Benazir.Y, Asst. Professor	Member	BBA/BBA CA
23	Mr.Adarsh, Asst. Professor	Member	ISM/Logistics
24	Mrs.Mohanapriya.B, Asst. Professor	Member	MSW/MA PA
25	Dr.K.Sathya Parsad, Asst Professor	Member	B.Com/M.Com
26	Ms.Seema Dev Akshatha, Asst Professor	Member	Com CA
27	Dr.Pushpalatha, Asst Professor	Member	Com.IT/E.Com
28	Dr.Nthya, Asst Professor	Member	Languages
29	Ms.S.Devaki, Asst Professor	Member	CDF
30	Ms. Subha Indu.S, Asst Professor	Member	SS
31	Ms. Haripriya. E Asst Professor	Member	Psychology

### Resource Strength



The SKASC IIC has 351 members to spread the innovation & entrepreneurial culture among the student community. The team comprises 31 faculty members, with 320 student members representing each department.

- ✓ Total No. of IAs - 25
- ✓ Total No. of Faculty Mentors from Portal - 6

### Pre-Incubation Units

The Institutions provide the pre-incubation facility for students and the incubates. Every pre-incubation has Hi-Tech instrumentation and Trained Faculty. The students can access the pre-incubation centres without any additional cost. The list of pre-incubation

S. No.	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment
1	Tycoon apex	Innovation Centre	2018
2	Threads & Needle	Design Centre	2018
3	Basic Training Kitchen	Startup Cell	2018
4	Digital Signal Processing Laboratory	EDC	2018
5	Biotech Hi-Tech Laboratory	Startup Cell	2018
6	Kick Start	Startup Cell	2018
7	IPR Cell	IPR	2018

centres with the type of facilities is as follows:

IP Facilitation Unit – IPR Cell with 120 sq. ft. Space assisted by Dr. S. Narendhran, IPR Cell Coordinator & Assistant Professor – Bioscience, SKASC. We have conducted many Intellectual Property seminars and workshops on IPR Filing and patenting for the benefit of students & faculty members. Our staff, Mr. V. Madhan, has been trained as an Innovation Ambassador in IPR through the MoE Innovation Cell.

### Infrastructure of Pre-Incubation Facility

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

The institution provides the following pre-incubation facility for effectively converting ideas into prototypes. Testing was done by the incubates and students assisted by the concerned mentor in the lab. The pre-incubation facilities available with the IIC of SKASC are shown below:



### Threads & Needles Design Centre



JUKI's industrial sewing machines sew “stitches” for products in every field, from apparel products, sportswear, shoes, and bags to car seats. The stitching capability of JUKI's machines supports the global sewing industry. The Hand-Operated Yarn Twist Tester determines yarn twists in turns per inch or meter in single or plied yarns with a quadrant scale for standard or untwist/re-twist methods. Test lengths are adjustable up to 500mm or 20 inches. Suitable for S or Z twisted yarns, with mechanical reversible counter

### Basic Training Kitchen

A range is a stove and has a source of fuel, which is gas. It is a shared kitchen appliance. It is used to cook all types of foods.

### Digital Signal Processing

A signal generator is a test



equipment that produces an electrical signal as a wave. This is used as a stimulus for the item being tested.

### Biotech Hi-tech Laboratory

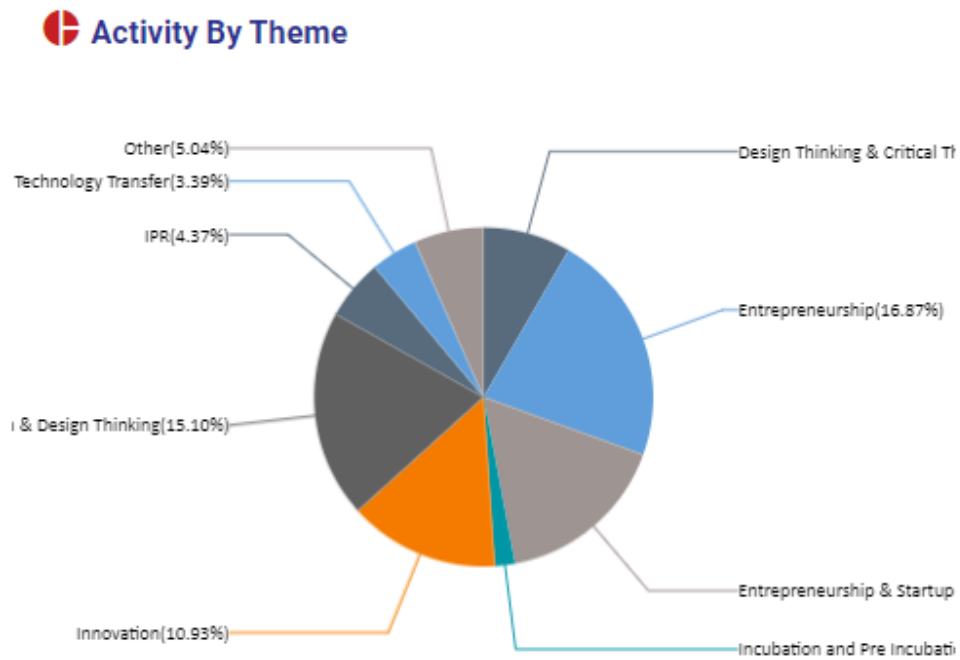
An incubator is a device used to grow and maintain microbiological cultures or cell cultures. The incubator maintains optimal temperature, humidity and other conditions such as the CO<sub>2</sub> and oxygen content of the atmosphere inside.

### Kick Start

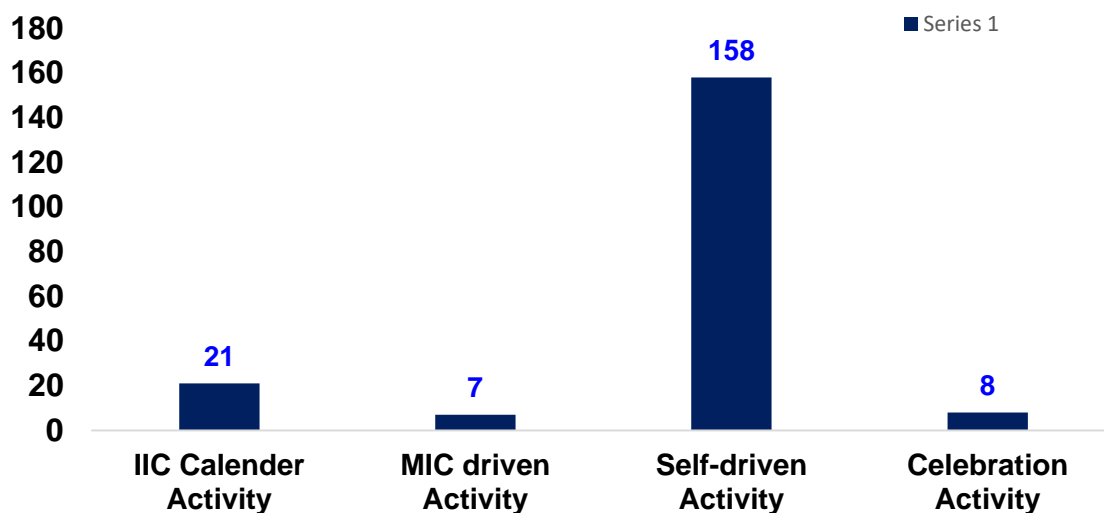
The lab facilities for Kick Startup Cell, which contains 120 Laptops.

## Achievements of IIC SKASC

The IIC SKASC in 2021-22 has organised more than 85 programs. It includes Innovation and entrepreneurship, IPR, and startup sensitisation programs. The Innovation and entrepreneurship activity includes Workshops, Webinars, an Ideathon, Panel Discussion, Technical Presentation, B-Plan, Pep-talk, Training Session, Exhibition & other competitions. The following pie chart depicts the percentage of programs organised under Innovation & Entrepreneurship.



## Activity Performance



### Ideas Generated

The students submitted a total number of 115 ideas. In this, the panel shortlisted 29 innovative ideas as the best. The shortlisted 29 ideas were listed below:

S. No.	Title
1	Delivery of essential Medicines by Drones in Hilly areas
2	Smarter Surveillance System
3	Elderly Care System
4	Digital Tracking of Children of Migrant Population
5	AI based Chat Bots
6	Project Monitoring System
7	Suggesting Histogram based grading for effective grading
8	Plenty of machine gets down and it's challenging to install all the software
9	Resource Management
10	A peer-to-peer rental platform
11	Promoting Holistic Nutrition among Women and Children through the Help of Poshan Abhiyan

12	Emergency Case during Accident and Vehicle Impact
13	Online Appointment of Hospitals
14	Solar Based Irrigation System
15	Smart Street Light Management System
16	Mobile App for Medical Facilities
17	Truck Pool
18	Agricultural and Rural Development
19	Portal for Farmers To Sell the Product at Better Rate
20	Automatic Water Supply for Crops
21	BLU Aniozone A Chemical Free Sanitation Tunnel
22	Outfit Measuring System, Crypto 2020, Easy Homemade Herbal Shampoo, Smart Railway Compartment, Bullet Proof Jacket, Police Threshold
23	Cloud-based Interactive Map Application to Record Real Time Crime and Emergencies
24	Detection of COVID-19 Symptoms using IOT
25	Survey on Home Security Surveillance System Based on Iot and Home Automation.
26	Covid 19 Warriors
27	Agriculture Saves Life
28	Cloud-based Interactive Map Application to Record Real Time Crime and Emergencies
29	Know Your Bus

### Students Start-ups/Ventures established

The two students' Startups/Ventures were established with the help of IIC SKASC & they were successfully pursuing their business.

- Loopy Looks
- Sha The Organic Room

### Financial Support for Innovation & Entrepreneurship

- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus - Rs. 41,52,632
- Amount grant or fund supported to student and faculty lead Innovations, startups and IPR – Rs. 1,98,000

**F. Highlight a few of the best IIC Faculty/Student members and their achievements/rewards for the innovations at different forum**

The following students were selected till the final round in the IIC SKASC innovation contest

Student Name	Title	Place
1. Nitheesh. P 2. Prajith Kumar. B	Smarter Surveillance System	1st
1. Abineswari. B 2. Sugirtha. S	Delivery Of Essential Medicines By Drone In Hilly Areas	2nd
1. Iswarya. S 2. Lavanya. S	Elderly Care System	3rd

**Best Innovations**

- ✓ Innovation Name - Blu Aniozone - A Chemical Free Sanitation Tunnel
- ✓ Inventor Name - Shakthi P, Biotechnology

**Start-ups established**

- ✓ Loopy Looks
- ✓ Sha The Organic Room

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**LinkedIn**

<https://www.linkedin.com/in/institution-s-innovation-council-skasc-021587282/>

**Youtube**

[https://studio.youtube.com/channel/UC8CY5fuIRRwEAYPNFzCwJ\\_A](https://studio.youtube.com/channel/UC8CY5fuIRRwEAYPNFzCwJ_A)



Testimonials

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



Service of Human Asset Improvement (MHRD), Govt. of India has laid out IIC to efficiently cultivate the way of life of Development among all Advanced Education Foundations (HEIs). The essential order of IIC is to empower, rouse and sustain youthful understudies by supporting them to work with novel thoughts and change them into models while they are in instructive years. MIC has imagined empowering the production of 'Organization's Advancement Chamber (IICs)' across chosen HEIs. SKASC IIC is laid out to advance Development in the Organization through endless modes, prompting an advancement eco-framework in the grounds. SKASC - IIC plans to improve the way of life of Development and hatching among workforce and understudies, encouraging influential new companies, advanced and possessed by the resources and the understudies.

IIC allows building the spirit of Entrepreneurship among students. Various Entrepreneurship-related activities are conducted regularly. This creates an ecosystem that fosters the culture of Innovation in SKASC. It gives an insight to the student right from Idea Generation to successful startups. SKASC organises periodic workshops/seminars/ interactions with entrepreneurs, investors, and professionals and creates a mentor pool for student innovators. It also organises an Idea Pitching Competition, a mini contest involving industries. It gives exposure to interact with academia, industry professionals, successful Entrepreneurs



**Prof. M. Rajesh**

**Convener and Innovation Ambassador**



It was an incredible experience attending the training programs of Innovation Ambassador. My heartfelt thanks to Prof. Anil D. Sahasrabudhe, Chairman, AICTE. Training the students to develop the prototype taught me several interesting facts and complete the target on time.

**Dr. S. Narendhran**

**IPR and Social Media Coordinator**

The KAPILA program is a gift and a chance to discover untapped potential in IPR and patent filing. Thank you to the team.



**Prof. V. Madhan**

**Internship Coordinator**

SKASC IIC is an integral part of our journey at SIMS. Being in the Entrepreneurship specialisation, we must be a part of various events and activities organised by the Innovation Cell at SKASC. I would like to thank SKASC for setting up this cell and organising different activities for us



**Savin E. Sathyan (Computer Applications)**



The Innovation Model followed at SKASC to nurture and incubate Entrepreneurs and help build a successful business enterprise is one of the best. The Ecosystem is also vibrant and work-friendly, making it easier for students to scout and start working on various business ideas.

**Varshini. R. B. (M.Sc (BioTechnology))**

The Infrastructure facilities in the Innovation Cell at SKASC are one of the best and top-notch. The discussion rooms, classrooms and cabins for the innovators to work here make it a complete package and one of the best in the city.



**Rena Nirushiya David (BBA CA)**



As part of the Entrepreneurship specialisation, we must get first-hand experience and interaction with entrepreneurs and industry persons. SKASC IIC has been organising various talks and lectures which have motivated us to become successful entrepreneurs.

**Raj Abinanthan P.G. (Computer Science and Applications)**

The Innovation Model followed at SKASC to nurture and incubate Entrepreneurs and help build a successful business enterprise is one of the best. The Ecosystem is also vibrant and work-friendly, making it easier for students to scout and start working on various business ideas.



**Manoj. S (B.Com CA)**



Though I am new to innovation and entrepreneurship, I was amazed at the transformation and innovative thinking I have acquired after associating with SKASC IIC.

**Devadharshini.N (Hotel Management)**

I am a person of innovative thinking, and I feel SKASC IIC deserves high accolades for its work with students and for the patience & commitment of the mentors to develop an innovative and entrepreneurial mindset. We can dare to devise any idea, possibly transforming it into a business plan later.



**Shalini. S (Computer Technology)**



The IICs of our campus are very active and have organised various seminars and other activities. It was an excellent opportunity for the aspiring young Entrepreneur in us to learn more about the startup ecosystem. Expecting more of the kind.

**Sidrah. K (B.Com PA)**

The workshops and hackathons organised by SKASC IIC help build a sense of teamwork, responsibility, confidence and increased self-esteem among the participants. Thank you for going the extra mile to support us to think differently and encourage them to come up with new ideas -however trivial they may look-without fearing the concept's quality.



**Venkateshwaran. S (Information Technology)**



In our college, through SKASC IIC, we get the first-hand experience of interacting with entrepreneurs and industry experts. IIC has been instrumental in organising various talks & lectures which motivate us to realise our goal of establishing our ventures.

**Nithishkumar. G (Data Science)**

The right environment to nurture innovation & groom an entrepreneur is the best outcome ever since SKASC IIC happened. I am most impressed by the success stories of some successful startup owners. A work-friendly innovation ecosystem makes it easier to start our business ideas



**Harish. N (Artificial Intelligence & Machine Learning)**



The IIC of our college has been able to organise successful and inspiring sessions and seminars for students. Young Entrepreneurs and professionals took the workshops, which proved very useful. This was a memorable and worthy experience for me.

**Giridhar. B (Master of Social Work)**

College is a world of opportunities to learn, discover and innovate. But most importantly, there needs to be a space for students to freely bring up their thoughts and ideas without hesitation. SKASC IIC has always been that platform for the students to do so. Mentors are very supportive and take great initiative to impart knowledge and skills to students.



**Gokulapriya. T (Electronics & Communication Systems)**

When I joined college, my initial focus was academics. Then, SKASC IIC happened, and it changed our outlook. IIC has now become an integral part of our academic life on the campus, and we are encouraged to ideate, innovate & dream bigger. I am glad to state that SKASC has an ambience that promotes innovation and ideation. With the right mentoring from the faculty coordinators of IIC, we learn a lot about how a trivial idea can be modified & converted to great plan.



**Gunasegar. M (Mathematics)**

### Contact

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