



# St. Claret College

Reaccredited 'A+' Grade by NAAC | Affiliated to Bangalore University

NURTURING VALUES AND EXCELLENCE

## Institution's Innovation Council Annual Report 2021-22



Submitted By

**St. Claret College  
Bangalore**



MoE's  
**INNOVATION CELL**  
(GOVERNMENT OF INDIA)



**INSTITUTION'S  
INNOVATION  
COUNCIL**

(Ministry of Education Initiative)

## About St. Claret College

St. Claret College (SCC) was established in 2005 by the international Missionary Congregation of Claretians who manage two universities and over 150 educational institutions in 66 countries around the world. The Bengaluru campus is managed by Claretian educational society established with the aim of providing holistic and quality education to the people in and around North Bangalore. St. Claret College offers value based education to transform students to be enlightened leaders and networkers who bring about a civilization of love and harmony. St. Claret College is recognized by UGC, permanently affiliated to Bangalore University and NAAC A+ accredited. SCC is dedicated to the principle that its educational services and faculty should be both supportive and challenging, distinguished by creative and interactive learning experience for each student. In order to make the students employable, various corporate and non-profit organizational personnel are invited to give hands-on experience of the corporate world. In addition to the regular curriculum, special training by professional bodies is provided to equip the students with professional skills such as presentation skills, debating, group discussions, team work and leadership skills which enable them to get suitable jobs in the corporate world.

## Vision of St. Claret College

Our Vision is to promote educational excellence, leadership, and service, based on universal love in an environment characterized by respect for the individual and concern for the community, so as to effect holistic transformation in each student.

## Mission of St. Claret College

Our mission is to form intellectually competent, professionally skilled, spiritually vibrant, morally responsible, socially just and culturally sensitive global citizens through holistic Claretine education to advance a civilization of love and harmony.

## Vision of Institution's Innovation Council (IIC-SCC)

To motivate young minds to engage in innovation and pursue entrepreneurship for self and community development.

## Mission Institution's Innovation Council (IIC-SCC)

To establish a Start-up hub & Incubation centre and create a sustainable ecosystem for Innovation.

## Journey of IIC established at St. Claret College

The Institution's Innovation Council was established in September 2019.

(IC201912328)



The Institution's Innovation Council (IC201912328) received 4 stars ranking from Ministry of Education's Innovation Cell in 2021.



Brief mention of key functionaries at the St. Claret College

Rev. Dr. Thomas V Thennadiyil	President, IIC-SCC
Rev. Fr. Abraham P J	Vice-President, IIC-SCC
Dr. Safeer Pasha	Convener, IPR Activity Coordinator, IIC-SCC
Mr. Rony Geo Alex	Innovation Activity, IIC-SCC
Ms. Angela Jean Mary	ARIIA Coordinator, IIC-SCC
Dr. Vidyashree D V	NIRF Coordinator, IIC-SCC
Mr. Manu V. Unni	Social Media Coordinator, IIC-SCC
Mr. Rudresh S	Start-up Activity Coordinator, IIC-SCC
Mr. Vasu V	Internship Activity Coordinator, IIC-SCC
Dr. Zameer Pasha	Asst. Professor, Department of Management
Dr. Harmeet Matharu	Assistant Professor, Department of Commerce
Dr. Shivamurugan	Assistant Professor, Department of Commerce
Mr. Ratish G	Assistant Professor, Department of Commerce
Mr. Sharath Kumar	Assistant Professor, Department of Commerce
Mr. Shivaprasad B S	Asst. Professor, Department of Management
Lt. Prakash Chandra Behera	Assistant Professor, Department of Sciences
Dr. Rashmi B H	Assistant Professor, Department of Commerce
Dr. Feroz Ali	Patent Expert
Mr. Malyadri Reddy	Industry Expert
Mr. Praveen H J	Start up and Entrepreneur
Mr. Chinmaya Dash	NISP Coordinator

Tabular representation of Resource strength (human capital and Physical capital) of St. Claret College

Total No. of IIC Members	Total No. of IAs
18	18

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

The MoE's Innovation Cell is providing an excellent opportunity to Higher Education Institutions (HEIs) to formulate an Innovation and Start-up policy to promote the culture of innovation among the students and faculty. St. Claret College is committed to create an appropriate environment for fostering the culture of innovation and start-up in the Institution. SCC's Innovation Council (IIC) has done a wonderful job in framing this innovation and start-up policy. St. Claret College has been vibrantly participating in the initiatives of the MoE's Innovation Cell by launching activities such as the Innovation Ambassador Training Programme in the institution; by participating in NIRF, ARIIA Ranking and all IIC activities.

Number and Different types of I&E and IPR activities Conducted

**Quarter 1**

**September to November 2021**

<b>SI No.</b>	<b>Activity</b>	<b>Date</b>
1.	Impact lecture series 2	11/10/2021
2.	Impact lecture series 1	01/10/2021
3.	IIC Council Upgradation at Institution Level and Council Meeting	14/11/2021
4.	My Story - Motivational Session by Successful Entrepreneur/Start-up founder.	17/12/2021
5.	Orientation session on IPR	18/12/2021
6.	India Startup Day	16/01/2022
7.	My Story - Motivational Session by Successful Innovators.	03/02/2022
8.	National Education Day	05/02/2022
9.	Field/Exposure Visit to Pre-incubation units such as Fab lab, Makers Space, Design Centres, City MSME clusters, workshops etc.	08/02/2022
10.	National Innovation Day	16/02/2022
11.	Awareness program on IPR	28/02/2022
12.	Workshop on "Entrepreneurship and Innovation as Career Opportunity"	08/03/2022 to 10/03/2022

**Quarter 2**

**December to February 2022**

<b>SI No.</b>	<b>Activity</b>	<b>Date</b>
13.	Council Meeting	12/02/2022
14.	Orientation Session on IIC4.0 & Features	30/12/2021
15.	National Science Day	10/03/2022
16.	Student Knowledge enrichment webinar on Geographical Indication	14/01/2022
17.	Session on Patents	27/12/2021
18.	Session on Problem Solving and Ideation Workshop	22/01/2022
19.	Entrepreneurship as a career opportunity	18/01/2022
20.	Customer experience and business development	09/03/2022
21.	IPR	19/01/2022
22.	Panel Discussion	21/01/2022
23.	Dakshya 2021	22/12/2021
24.	Business Proposal Event	10/12/2021

**Quarter 3**

**March to May 2022**

<b>SI No.</b>	<b>Activity</b>	<b>Date</b>
25.	Council Meeting	13/04/2022
26.	World Earth Day	22/04/2022
27.	World Intellectual Property Day	26/04/2022
28.	National Technology Day	02/07/2022
29.	Session/ Workshop on Business Model Canvas (BMC)	03/08/2022
30.	Session on "How to plan for Start-up and legal & Ethical Steps"	11/08/2022

31.	Workshop on Prototype/Process Design and Development - Prototyping	17/08/2022
32.	Students Panel Discussion on Design Thinking	19/05/2022
33.	Orientation Session	21/05/2022
34.	Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/Technology Transfer Centre	23/05/2022
35.	Student Panel Discussion- Design Thinking	19/05/2022
36.	Add on program on IPR and Innovation	17/03/2022 to 14/04/2022

**Quarter 4  
June to September 2022**

SI No.	Activity	Date
37.	Council Meeting	16/06/2022
38.	Participation of IIC Institutions in IIC Regional Meets	16/08/2022
39.	World Entrepreneurs Day	16/08/2022 to 21/08/2022
40.	World Environment Day	05/06/2022 to 11/06/2022
41.	Out of the box thinking for problem solving	28/06/2022
42.	Innovation & Entrepreneurship in HEIs for Aatmanirbhar Bharat & Celebrating 75 Years of Independence -Azadi Ka Amrit Mahotsav	23/07/2022
43.	Organise Session on “Lean Start-up & Minimum Viable Product/Business”- Boot Camp (or) Mentoring Session	29/08/2022
44.	Session on Angel Investment/VC Funding Opportunity for Early-Stage Entrepreneurs.	19/09/2022
45.	Session on Innovation/Prototype Validation – Converting Innovation into a Start-up or Session on Achieving “Value Proposition Fit” & “Business Fit”	24/08/2022
46.	Entrepreneur Talk	25/06/2022
47.	Perspectives on Women Entrepreneurship	06/08/2022
48.	Session on IPR	28/06/2022
49.	National Level Virtual Student Conference on “Building a Start-up Innovation and Eco-System”	30/06/2022
50.	Innovation and Intellectual Property Rights	08/07/2022
51.	Anveshan- Inter-Collegiate Management Fest	08/07/2022
52.	SAMVIT 2K22: Virtual International Conference	30/08/2022
53.	NCC@75: Role and Impact of NCC activities on Youth Development	27/07/2022
54.	Add on program on Entrepreneurship and Start-up	13/06/2022 to 15/07/2022
55.	Seminar- How to build a multimillion-dollar start-up	20/07/2022

No. of student's & faculty ideas generated

Total No. Faculty Idea Generated	Total No. Student Idea Generated
15	67

No. of IPs generated, published, and granted from September 2021 – September 2022

SI No.	IP Application No	Patent Title	Patent Office	Detail of Patent
1	<b>202141022329 (Patent)</b>	System and design of sensor based electronic ventilator for covid-19 patients	India (Published)	<a href="https://patentscope.wipo.int/search/en/detail.jsf?docId=IN335044907&amp;cid=P10-KY7ESM-38229-1">https://patentscope.wipo.int/search/en/detail.jsf?docId=IN335044907&amp;cid=P10-KY7ESM-38229-1</a>
2	<b>202141048982 (Patent)</b>	Block chain based smart management of human resource to optimize performance	India (Published)	<a href="https://patentscope.wipo.int/search/en/detail.jsf?docId=IN342291462&amp;cid=P10-KY6UY5-68021-1">https://patentscope.wipo.int/search/en/detail.jsf?docId=IN342291462&amp;cid=P10-KY6UY5-68021-1</a>
3	<b>202241007328 (Patent)</b>	E-commerce system for method of producing, selling, and distributing articles of manufacture	India (Published)	<a href="https://patentscope.wipo.int/search/en/detail.jsf?docId=IN351884936&amp;cid=P12-L8B862-94156-1">https://patentscope.wipo.int/search/en/detail.jsf?docId=IN351884936&amp;cid=P12-L8B862-94156-1</a>
4	<b>202231027027 (Patent)</b>	Trading and earning money online management and notification system	India (Published)	<a href="https://patentscope.wipo.int/search/en/detail.jsf?docId=IN366094600&amp;cid=P12-L8B88Y-95593-1">https://patentscope.wipo.int/search/en/detail.jsf?docId=IN366094600&amp;cid=P12-L8B88Y-95593-1</a>
5	<b>202241027025 (Patent)</b>	New iot-enabled technology for online education system	India (Published)	<a href="https://patentscope.wipo.int/search/en/detail.jsf?docId=IN367111297&amp;cid=P12-L8B8AU-96576-1">https://patentscope.wipo.int/search/en/detail.jsf?docId=IN367111297&amp;cid=P12-L8B8AU-96576-1</a>
6	<b>360669-001 (Design)</b>	Drainage pipes cleaning robot	Indian (Published)	<a href="https://search.ipindia.gov.in/DynamicUtility/Journal/ViewJournal">https://search.ipindia.gov.in/DynamicUtility/Journal/ViewJournal</a>
7	<b>202241041430 (Patent)</b>	Customer's earnings, savings, and financial history-classification using machine learning technology	Indian (Published)	<a href="https://patentscope.wipo.int/search/en/detail.jsf?docId=IN371140500&amp;cid=P21-L8BAJ1-44758-1">https://patentscope.wipo.int/search/en/detail.jsf?docId=IN371140500&amp;cid=P21-L8BAJ1-44758-1</a>
8	<b>202241049670 (Patent)</b>	Artificial intelligence based approach along with big data analytics and predictive modelling for automating the stock trading with minimized risk of market exposure	Indian (Published)	<a href="https://patentscope.wipo.int/search/en/detail.jsf?docId=IN374030678&amp;cid=P21-L8BAGS-43496-1">https://patentscope.wipo.int/search/en/detail.jsf?docId=IN374030678&amp;cid=P21-L8BAGS-43496-1</a>
9	<b>202241050246 (Patent)</b>	A smart business management system for increasing productivity	Indian (Published)	<a href="https://patentscope.wipo.int/search/en/detail.jsf?docId=IN374030207&amp;cid=P21-L8BAK8-45279-1">https://patentscope.wipo.int/search/en/detail.jsf?docId=IN374030207&amp;cid=P21-L8BAK8-45279-1</a>

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

<b>Total Faculty Idea Start-Ups established</b>	<b>Total Student Start-Ups established</b>
<b>02</b>	<b>04</b>

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

**NIRF**

[https://www.claretcollege.edu.in/NIRF\\_2022](https://www.claretcollege.edu.in/NIRF_2022)

[https://www.claretcollege.edu.in/pdf/College\\_NIRF\\_2022\\_new.pdf](https://www.claretcollege.edu.in/pdf/College_NIRF_2022_new.pdf)

[https://www.claretcollege.edu.in/pdf/Overall\\_Discipline\\_NIRF\\_2022\\_new.pdf](https://www.claretcollege.edu.in/pdf/Overall_Discipline_NIRF_2022_new.pdf)

**ARIIA**

St. Claret College has been participated at ARIIA ranking for academic year 21-22 (ARI-C-20977) and recognized as the band "Performer" under the category of General (Non-Technical) for the academic year 2020-21.





**INNOVATION CELL**  
(Government of India)



**Ministry of Education**  
(Government of India)



**ATAL RANKING OF INSTITUTIONS  
ON INNOVATION ACHIEVEMENTS**

# Certificate of Recognition

This is to certify that

**ST. CLARET COLLEGE**

is recognised in the band "PERFORMER" under the category  
"General (Non-Technical)"

in Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021,  
a flagship program of the Ministry of Education, Government of India.

29th December 2021.

**Dr. Anil D Sahasrabudhe**  
Chairman, AICTE

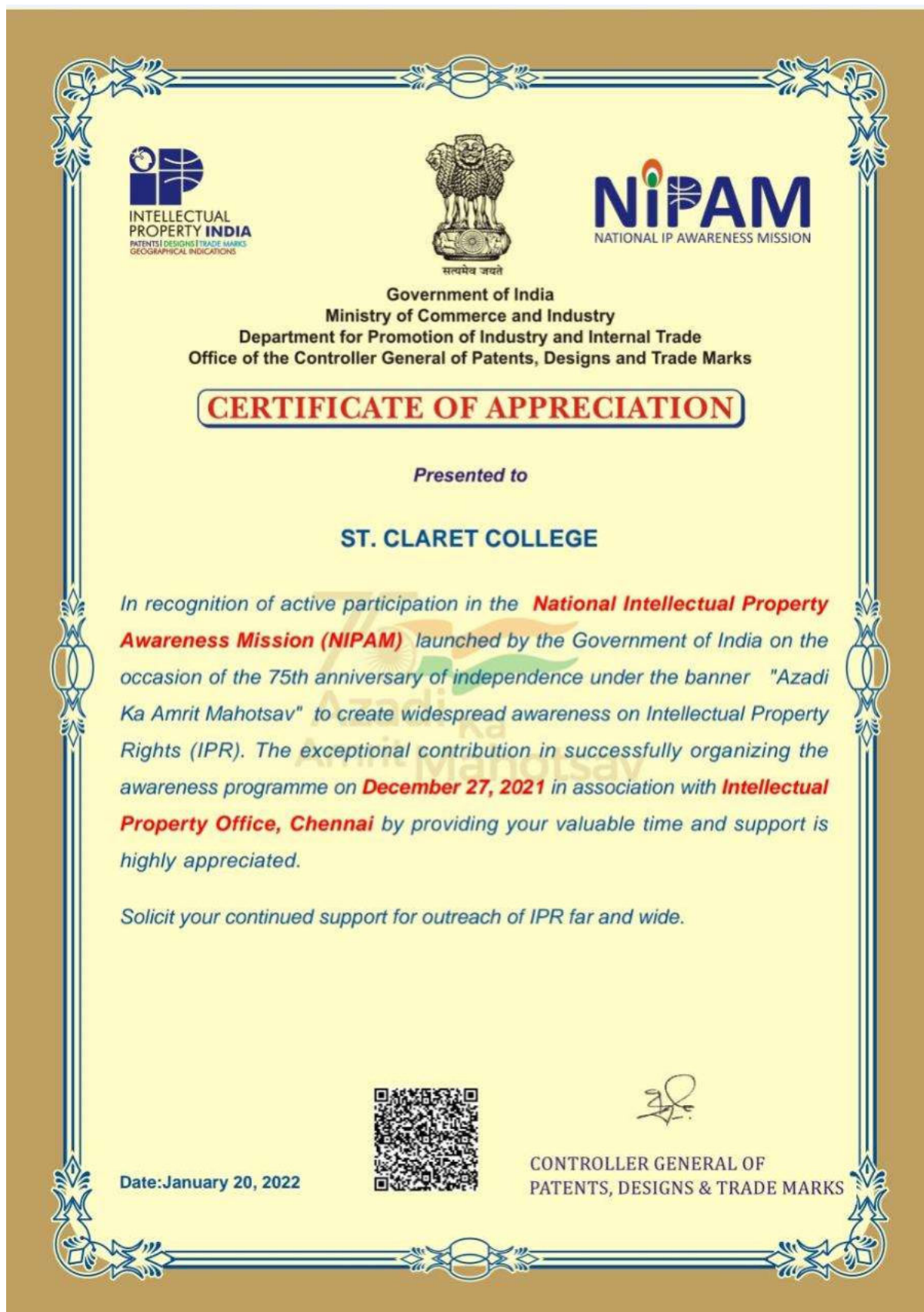
**Shri K Sanjay Murthy**  
Secretary (HE), MoE

**Dr. Abhay Jere**  
Chief Innovation Officer  
MoE's Innovation Cell

## NISP Adoption status

St. Claret College has been adopted NISP. The policy is formulated and submitted to NISP portal. Few members were trained through awareness programme. The policy has been implemented from 2021-22 academic year onwards.

## Appreciation for active participation in the NIPAM





## CERTIFICATE OF APPRECIATION

Presented to

**ST. CLARET COLLEGE**

In recognition of active participation in the **National Intellectual Property Awareness Mission (NIPAM)** launched by the Government of India on the occasion of the 75th anniversary of independence under the banner "Azadi Ka Amrit Mahotsav" to create widespread awareness on Intellectual Property Rights (IPR). The exceptional contribution in successfully organizing the awareness programme on **June 28, 2022** in association with **Intellectual Property Office, Chennai** by providing your valuable time and support is highly appreciated.

Solicit your continued support for outreach of IPR far and wide.

(Dr. Abhay Jere)

CHIEF INNOVATION OFFICER  
MINISTRY OF EDUCATION'S INNOVATION CELL (MIC)  
GOVERNMENT OF INDIA



(Prof. (Dr) Unnat P. Pandit)  
CONTROLLER GENERAL OF  
PATENTS, DESIGNS & TRADE MARKS

**08 Faculty have been completed General course on IPR from World Intellectual Property Organization (WIPO)**

**Faculty Attended two days Innovation & Entrepreneurship visit cum Training program under Mentor Mentee Scheme**



# CERTIFICATE OF PARTICIPATION



This certificate is presented to

*Prof. Vasu. V*

Asst. Prof, Sr. Claret College, Bengaluru.

For "A Two Day Innovation & Entrepreneurship Visit Cum Training Program under Mentor Mentee Scheme" organised by CMR Institute of Technology, Bengaluru on 13th and 14th July 2022.

Dr. Vakula Rani J  
MM Coordinator

Dr. Sharmila K P  
IIC - President

Dr. Sanjay Jain  
Principal



# CERTIFICATE OF PARTICIPATION



This certificate is presented to

*Prof. Sharath Kumar. S*

Asst. Prof, Sr. Claret College, Bengaluru.

For "A Two Day Innovation & Entrepreneurship Visit Cum  
Training Program under Mentor Mentee Scheme" organised by  
CMR Institute of Technology, Bengaluru on 13th and 14th July  
2022.

Dr. Vakula Rani J  
MM Coordinator

Dr. Sharmila K P  
IIC - President

Dr. Sanjay Jain  
Principal

## Participation in IIC Regional Meet

Mr. Chinmaya Dash, NISP coordinator, St. Claret College presented his experience on **Visualizing and developing Action plan for I & E Ecosystem in HEI** in Track-II during MoE's Institutions Innovation Council Regional meet 2022.





**IIC Regional Meet**  
MoE's Innovation Cell  
Institutions' Innovation Council

**Certificate of Participation**

**Lt. Prakash Chandra Behera**

**St. Claret College, Karnataka**

has participated in the regional meet held on 16th Aug 2022 at  
REVA University, Bengaluru.

**Dr. Kiran Kumari Patil**  
IIC President,  
REVA University, Bangalore

**Mr. Dipan Sahu**  
Assistant Innovation Director  
MoE's Innovation Cell



**IIC Regional Meet**  
MoE's Innovation Cell  
Institutions' Innovation Council

**Certificate of Participation**

**Chinmaya Dash**

**St. Claret College, Karnataka**

has participated in the regional meet held on 16th Aug 2022 at  
REVA University, Bengaluru.

**Dr. Kiran Kumari Patil**  
IIC President,  
REVA University, Bangalore

**Mr. Dipan Sahu**  
Assistant Innovation Director  
MoE's Innovation Cell

## Faculty contribution as Primary Evaluator in Toycathon 2021



Ministry of Education  
Ministry of Information and Broadcasting  
Ministry of MSME



Ministry of Women and Child Development  
Ministry of Commerce & Industry  
Ministry of Textiles



### CERTIFICATE

#### Primary Evaluator

This Certificate is awarded to

Manu V Unni

for exceptional contribution as a Primary Evaluator in  
'Toycathon, 2021'.

  
Prof. Anil Sahasrabudhe  
Chairman  
AICTE

  
Dr. Abhay Jere  
Chief Innovation Officer  
Ministry of Education Innovation Cell

  
Dr. Mohit Gambhir  
Innovation Director  
Ministry of Education Innovation Cell

  
PRINCIPAL  
ST. CLARET COLLEGE  
P O Box 1355, MES Ring Road,  
Jalahalli, Bangalore - 560 013, INDIA



Rev. Dr. Thomas V Thennadiyil  
Principal, President  
Institution's Innovation Council (IIC)  
St. Claret College

Rev. Fr. Abraham P. J.  
Vice-President,  
Institution's Innovation Council (IIC)  
St. Claret College