



**HOLY CROSS COLLEGE (AUTONOMOUS)**  
**Accredited with A<sup>+</sup> Grade (CGPA 3.35 – 4<sup>th</sup> Cycle) by NAAC**  
**Nagercoil - 629 004, Tamil Nadu, India**

**INSTITUTION'S INNOVATION COUNCIL (IIC)**  
**ANNUAL REPORT (2022-2023)**

## INSTITUTION'S INNOVATION COUNCIL (IIC)

The institution has a broader ecosystem for the creation and transfer of knowledge to nurture innovation and entrepreneurship. In order to systematically foster the culture of Innovation and Entrepreneurship among faculty and students, the Institution has established Institution's Innovation Council (IIC) under the aegis of MoE's Innovation Cell in the year 2018.

The IIC of our college is crowned with highest star rating (4-star rating) of total score 81.38/100 by Ministry of Education's (MoE's) Innovation Cell in the IIC calendar year 2021-2022. Our college is the only college in the Kanyakumari District who has been rewarded with the highest star rating.



The Holy Cross Innovation and Incubation Centre (HCIIC) is a separate entity in Holy Cross College campus registered under Association of Persons (AOP) on 28<sup>th</sup> August 2021 and Micro Small Medium Enterprises (MSME) on 23<sup>rd</sup> September 2021. The motto of HCIIC is to make the staff and students of the college to become world class competent in terms of Entrepreneurship, Prototype, Patent and Startup. HCIIC promotes women entrepreneurship and women-led start-ups by providing essential guidance, infrastructure, networking, tech support and access to investors.

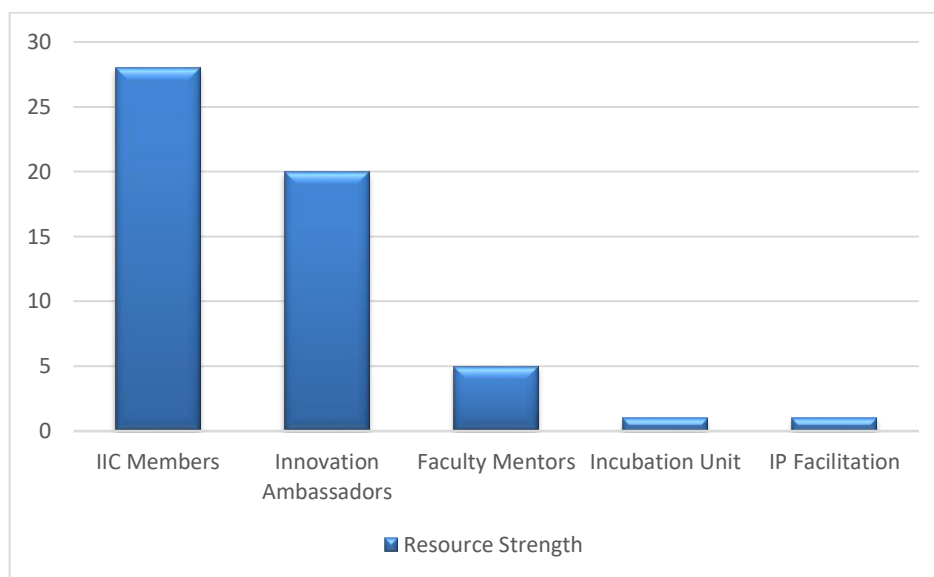
Along with the thirteen startups, ten more startups were registered under HCIIC in the academic year 2022-2023. The centre provides space for Crosscom tailoring unit for women, HJ unpinned penning publication house, Candere collections, Body scripts zumba fitness for women, Aha oho traditional sweets & confectionery, Chirps vermi-centre, Techpoint, Aaro yoga centre, R-shell info service, Allure henna, Triangle beauty care and make over, Eden gifts and handicrafts and Botany heavenly mushroom, Chem clean, Grasha cakes, Blossom nursery, Green crafters, Bizzy bee, Eco sparkles, Eco banner, Crafts n Creations, Kumar type writing institute and ME Soaps. The HCIIC offers Certificate Course and Value-added Courses in terms of innovation and entrepreneurship.

The IIC and HCIIC in collaboration with departments, clubs and committees, industries and Government agencies has organized organizing various seminars, workshops, FDP, innovation contest, bazaars, field visit, demo day, proof of concept, idea contest, prototype building, hands-on trainings, skill development and certificate courses related to innovation, IPR, startup and entrepreneurship for mentoring the budding innovators to excel in innovation and entrepreneurial activities. So far One patent was granted (Patent No. 431538) and 10 patents were published in Indian patent journal

#### KEY FUNCTIONARIES AT THE IIC INSTITUTE

S. No.	Name of Member	Designation	Key Role/ Position assigned in IIC
1	Dr. Sr. S. Sahayaselvi	Principal	President
2	Dr. A. Shyla Suganthi	Assistant Professor Department of Zoology	Vice President & Coordinator for Internship
3	Dr. A. Anami Augustus Arul	Assistant Professor Department of Botany	Coordinator of NISP
4	Dr. H. Jimsy Asha	Assistant Professor Department of English	IQAC Director & Coordinator of NIRF
5	Dr. Sheeba Daniel	Assistant Professor Department of Chemistry	Convener
6	Dr. R. Krishna Priya	Assistant Professor Department of Physics	Coordinator for Innovation
7	Dr. A. Lesly Fathima	Assistant Professor Department of Physics	Coordinator for IPR
8	Dr. Jeni Chandar Padua	Assistant Professor Department of Zoology	Coordinator for Startup
9	Dr. P. Aji Udhaya	Assistant Professor Department of Physics	Coordinator for Social media

## GRAPHICAL REPRESENTATION OF RESOURCE STRENGTH



### Highlight Achievements (2022 - 2023)

**50**

Number of I & E and IPR activities conducted

**10**

Number of Students/Faculty ideas generated

**7**

Number of Students/Faculty innovations/prototype developed

**10**

Number of Student/Faculty startups established

**5**

Number of patents published

### ACTIVITIES CONDUCTED (June 2022 – August 2023)

The Startup cell of IIC organized a session on “Accelerators/Incubation - Opportunities for Students and Faculty - Early-Stage Entrepreneurs” on 23<sup>rd</sup> June 2022. Ms. Jerina Bubby, Assistant Director, MSME, Tirunelveli was the resource person and she motivated the faculty and students to become entrepreneurs. Totally, 70 participants were benefited from the session.

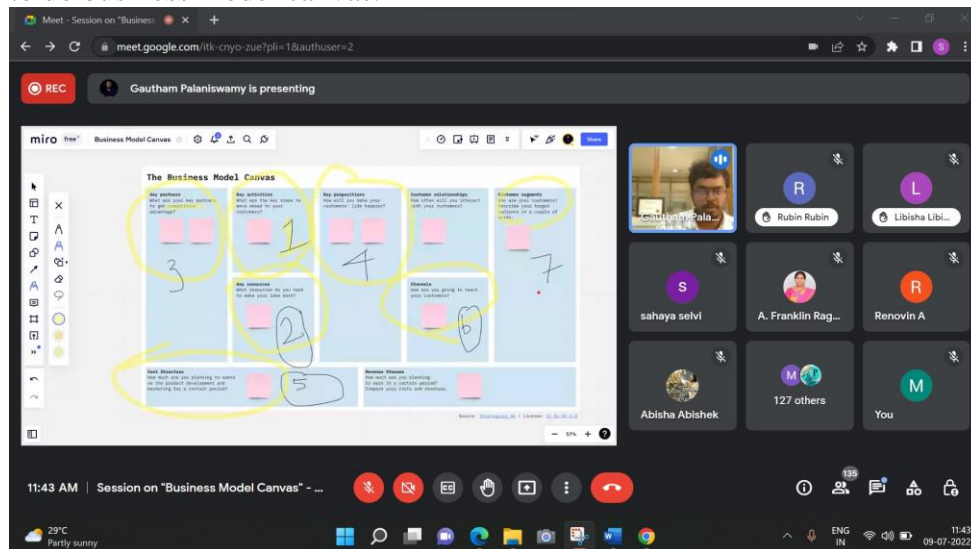


An online mentoring session on “Lean Startup and Minimum Viable Business” was organized by IIC on 23<sup>rd</sup> June 2022 through Zoom platform. The resource person of the session was Mr. Jose Robin, Entrepreneur, Oasis Group of Companies, Oman. He explained about lean startup approach to build new business. 90 participants were attended the session.

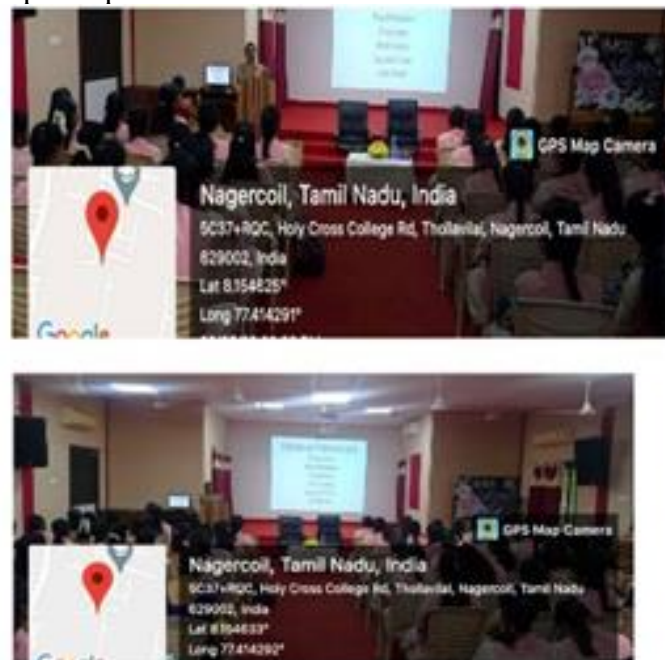




The IPR Cell of IIC organized a session on “Business Model Canvas” for the students on 9<sup>th</sup> July 2022 through Google meet. Mr. Gautham Palaniswamy, Manager and Chief Innovation Officer, Sathyabama TBI, Chennai, enlightened the 158 participants on business model canvas and explained the procedure to do business model canvas.



The IIC organized a seminar on “Angel Investment and Venture Capitalist: Funding Opportunity for Early-Stage Entrepreneurs” on 20<sup>th</sup> July 2022. Ms. Nirmala Guru, CEO, Guru Business School, Qatar was the resource person and highlighted on angel investment and venture capitalist. The participants were able to know about the various funding opportunities for entrepreneurs. Totally, 125 participants were benefitted from the session.



Four faculty members Dr. A. Shyla Suganthi, Dr. A. Anami Augustus Arul, Dr. Sheeba Daniel and Dr. A. Lesly Fathima were participated and presented the IIC achievements of our college in the IIC regional meet held at PSNA College of Engineering and Technology, Dindugal on 8<sup>th</sup> August 2022.



In view of World's Entrepreneurs Day, the startup cell of IIC organized Holy Cross Bazaar (Series - II): An entrepreneurial initiative for the faculty and students on 22<sup>nd</sup> August 2022. Mrs. Parveen Mathew, Correspondent, Corpus Christi School, Nagercoil was the chief guest and inaugurated the Bazaar. Faculty and students were exhibited and sold their innovative products. This entrepreneurial initiative encouraged the participants to become an entrepreneur.



A team of six students headed by Ms. M. Asnia of II M.Sc Physics along with two mentors Dr. R. Krishna Priya and Ms. S. Anne Kavitha were participated in the Smart India Hackathon Grand Finale 2022 (Hardware Edition) from 25<sup>th</sup> August to 29<sup>th</sup> August 2022 at QIS College of Engineering and Technology, Ongole, Andhra Pradesh. The students built and exhibited the Solar Disposer prototype in the Smart India Hackathon Grand Finale 2022 (Hardware Edition).



The IPR cell of IIC organized a workshop on “Patent Drafting Process” on 21<sup>st</sup> September 2022 in St. Joseph’s Hall. Dr. Sheeba Daniel (Innovation Ambassador and Convener of IIC), Assistant Professor of Chemistry, Holy Cross College (Autonomous), Nagercoil was the resource person and gave a demonstration on how to convert a research work into patent. Totally 24 faculty members and 52 research scholars were participated in the workshop.





The Innovation cell of IIC in collaboration with StartupTN organized a session on “Break the Barriers” on 26<sup>th</sup> September 2022. Mr. N. Rahul, Project Lead, Tamil Nadu Startup & Innovation Mission (TANSIM), Regional Hub Tirunelveli, Mr. Arun Rajeev Sankaran, Founder FinOS and Mr. P. Gautham Palaniswamy, Chief Innovation Officer, Managaer, Sathyabama TBI, Chennai, were the resource persons. The resource persons explained about the initiative of StartupTN and motivated the students to overcome the challenges and hurdles that they face to become successful entrepreneurs. The purpose of this session was to stimulate young entrepreneurs through their innovative skills. Nearly 327 students were participated in this programme.



The first council meet of IIC with the external members and was held on 26<sup>th</sup> September 2022 through blended mode. Dr. Sr. S. Sahayaselvi, Principal and President of IIC, Holy Cross College (Autonomous), Nagercoil, formulated the IIC members for the academic year 2022-2023. Sister discussed the functions of IIC and also assigned roles and responsibility among newly joined council members as per the guidelines of Ministry of Education’s Innovation cell. The coordinators of Innovation cell, IPR cell, Startup cell, Internship cell and Social media cell presented the report of the activities carried out during the academic year 2021-2022 and explained the action plan for the I quarter of the academic year 2022-2023. The external members gave their valuable feedback and suggestions. The coordinators of each cell of IIC and the external members were participated in the council meet.



The Honourable Prime Minister of India inaugurated the launch of 5G services on 1<sup>st</sup> October 2022. The IIC team members telecasted the inaugural programme in St. Joseph's Hall. Participants were able to know the services provided through 5G. Total 55 participants including IIC student members and faculty members watched the programme and get benefitted.



The Startup cell of IIC in collaboration with HCIIC organized the “Entrepreneurship and Startup Initiative Programme: Virpanai Angaadi - Holy Cross Bazaar - III” exhibition cum sales on 1<sup>st</sup> October 2022. Fr. Jegath Gaspar, Founder of 'The Rise' foundation served as the chief guest. The event was graced by the presence of Dr. Sr. Mary Hilda, Secretary and president of HCIIC and Dr. Sr. Sahayaselvi, Principal and president of IIC. In the Bazaar, students exhibited their different business ideas on innovative decoration items from waste (wealth from waste), handicrafts, pencil art, mehendi and mehendi art, bottle art, jewelry sale, food sale etc. Over 100 stalls were kept and 120 students from various departments were participated. Parents and outsiders came to explore this event. More than 1500 students and 150 faculty were benefited from this event.





In view of India Startup Day Celebration, the Startup cell of IIC in collaboration with HCIIC and various departments of our college started 5 startups in our campus on 1<sup>st</sup> October 2022. The startups were inaugurated by Dr. Sr. Mary Hilda, Secretary and president of HCIIC, Dr. Sr. S. Sahayaselvi, Principal and president of IIC and Rev. Fr. Jegath Gaspar, Founder of 'The Rise' foundation. Department of Economics started two student startups Eco Sparkles (Jewelry Making and Training) and Eco Banners (Eco-friendly Banner Making). Department of Commerce started two student startups Bizzy Bee - Event Organizers and Green Crafters. Department of Botany started one student startup Blossom Nursery. All the students of the Department of Economics, Commerce and Botany actively participated in the startups activities. The students of the respective departments are the Founder and the Co-founder of the startups. More than 60 students and 25 faculty participated in the function.



In view of National Innovation Day, the Innovation Cell of IIC organized a workshop titled “Innovation and Entrepreneurship - Towards a Sustainable Future” on 15<sup>th</sup> October, 2022. Ms. T. Giftlin Sneha, Lead of Operations of ATESH Labs, and Co-founder of ZUIG was the resource person. Nearly 65 students and 4 faculty members participated this programme. The purpose of this session was to motivate young entrepreneurs through their novel scientific findings.



The Innovation cell of IIC celebrated Institutions Innovation Day on 15<sup>th</sup> October, 2022 to commemorate the birth anniversary of former President of India Dr. A.P.J. Abdul Kalam. The student members of IIC organized this programme. On that day 3 students presented their innovative ideas and shared their knowledge to the other student participants. Totally 65 students were benefitted from this programme.





The Startup cell of IIC organized the “Entrepreneurship and Startup Initiative Programme: Kaloori Angaadi - Holy Cross Bazaar - IV” on 29<sup>th</sup> October 2022. Students displayed their different business ideas and products on hand crafts, pencil art, mehandi and mehandi art, jewelry sale, organic food sale etc. Over 30 stalls were kept and all the food stalls were put up with healthy food and snacks. Nearly 65 students got plans to expand their startups. More than 1500 students were benefited by this event. This event helped them to learn startup methodology in a very interactive manner.



A workshop on “Innovation Mindset - To Improve Mental Wellness & Attitude Building Programme” for the students was organized by the Startup cell of IIC on 9<sup>th</sup> November 2022. The resource person of the programme was Ms. Giftlin Sneha, Operation Lead, Atesh Labs & Incubation Associate. The resource person elevated the programme with her entrepreneurial talks, mental wellness and attitude building activities. Students were asked to bring charts, glue, colour pen, note and sketch for this activity. Through this, Students could develop the ability of analysing various aspects of entrepreneurship - especially of taking over the risk, and the specificities as well as the pattern of entrepreneurship development and, finally, to contribute to their entrepreneurial and managerial potentials. 75 students were benefitted from the programme.



In view of National Education Day, IPR cell of Institution's Innovation Council organized a leadership talk on "Role and Significance of Innovation and Entrepreneurship in Education" on 11<sup>th</sup> November 2022. The resource person Dr. P. Aji Udhaya, (Innovation Ambassador) Assistant Professor of Physics, Holy Cross College (Autonomous), Nagercoil explained about the importance of education in innovation and entrepreneurship and also described about innovative entrepreneurial skills. She highlighted the entrepreneurial opportunities and the funding schemes provided by the Government of Tamil Nadu for student startups. Totally, 48 participants were benefitted from this session.





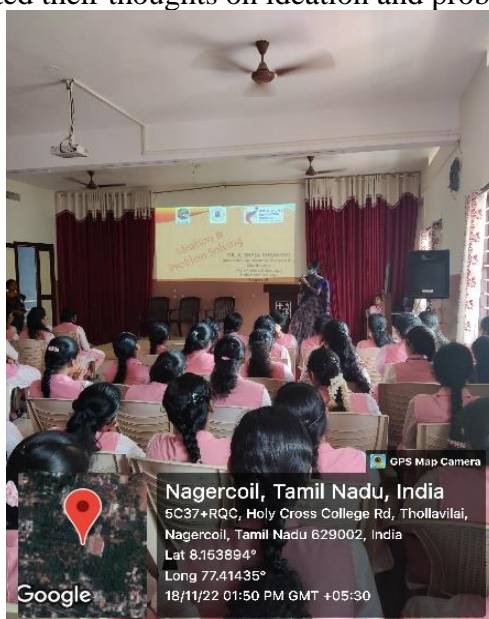
Entrepreneurship Development Cell in collaboration with IIC and Entrepreneurship Development and Innovation Institute (EDII) - Tamil Nadu organized a one day “Entrepreneurship Promotional Activity for Outgoing Students” on 11<sup>th</sup> November 2022. Dr. M Diliphan Kumar, Master Trainer, Entrepreneurship Development and Innovation Institute, Government of Tamil Nadu was the resource person. In the morning session, he spoke on Entrepreneurship as an Alternative Career and Innovation: A key driver in Building Entrepreneurship Ecosystem. In the afternoon session, he spoke about the formulation of ideas and also about the funding schemes to assist student entrepreneurship. A few activities were given to the students to have a clear idea about entrepreneurship. 188 students were benefited from the program.



The Innovation cell of IIC organized a session on “My Story - Motivational Session by a Successful Innovator” on 14<sup>th</sup> November 2022. The purpose of this session was to motivate the young innovators. The resource person Mr. G. Arul Jerald Prakash, Former director, Kerala State Science and Technology Museum and Planetarium, Thiruvananthapuram, shared his successful story on innovation. He spoke about his hardships and failure in his life which made him a successful innovator. Totally 70 students were participated in the motivational session and motivated to think about innovation.

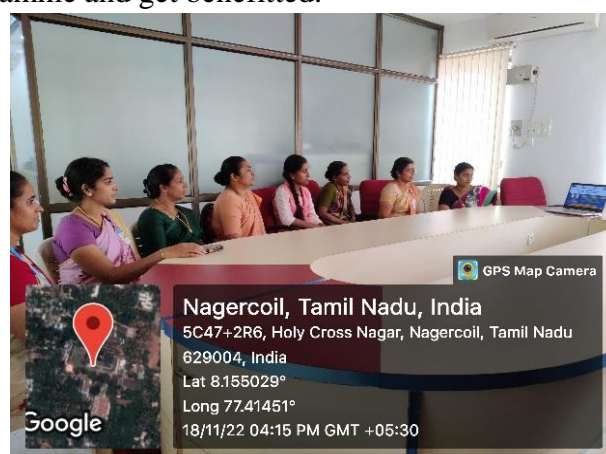


The workshop on “Problem Solving and Ideation” was organized by the Internship Cell of IIC in association with the HCIIC on 18<sup>th</sup> November 2022. The resource person Dr. A. Shyla Suganthi (Innovation Ambassador and Internship Coordinator), Assistant Professor of Zoology, Holy Cross College (Autonomous), Nagercoil, trained the students on ideation, its basic guidelines, the ideation process, and common ideation techniques. The students were asked about their opinions on a few issues related to society and the environment. 80 students from diverse disciplines joined and contributed their thoughts on ideation and problem solving.





Ministry of Education's Innovation Cell conducted an online session on Launch of YUKTI Innovation Challenge 2023 for the IIC institutions on 18<sup>th</sup> November 2022. The IIC team members watched the programme and knew about the process and benefits of YUKTI Innovation Challenge 2023. Total 20 participants were watched the programme and get benefitted.



The Startup cell of IIC in collaboration with HCIIC and Atesh Labs organized a workshop on “Entrepreneurship Skills for the Future” on 13<sup>th</sup> December 2022. Ms. Giftlin Sneha, Operation Lead, Atesh Labs & Incubation Associate was the resource person. Students were given the knowledge of the explanation of TANSIM (The Tamil Nadu Startup and Innovation Mission), Startup India and Startup TN. Total 40 students were benefitted from the workshop.



Entrepreneurship Development Cell in collaboration with IIC and EDII-Tamil Nadu organized a session on “Startup is my Identity” on 16<sup>th</sup> December 2022. Ms. Anusha Mini. S, Alumna of Holy Cross college was the resource person, she highlighted the fact that identity plays a major role in the field of entrepreneurship and mentioned a list of successful entrepreneurs and asked everyone to create an identity of their own. Around 166 students were benefited from the programme.



The second council meet of IIC with the external members and was held on 19<sup>th</sup> December 2022 through blended mode. The coordinators of Innovation cell, IPR cell, Startup cell, Internship cell and Social media cell presented the activities carried out in the I quarter of IIC 5.0 and explained the action plan for the II quarter. The external members gave their valuable feedback and suggestions. The coordinators of each cell of IIC and the external members were participated in the council meet.





The MoE's Innovation Cell and AICTE jointly organized an Orientation Session on IIC 5.0 and Features” on 11<sup>th</sup> January 2023 at 11:00 am through virtual mode. The session was telecasted in the multipurpose hall and all the IIC faculty and student members attended the session. Mr. Dipan Kumar Sahu, Assistant Innovation Director, MoE's Innovation Cell was the resource person. He explained about IIC 5.0 and its features. Participants were able to know more about IIC 5.0 and its new schemes. Total 100 participants watched the programme and get benefitted.



Social media cell of IIC celebrated “National Youth Day - 2023” on 12<sup>th</sup> January 2023. The resource person Dr. M. Abila Jeba Queen gave a brief detail of the entrepreneurial opportunities available for youth. Students got the background knowledge about business plan, fund mobilization and commercialization. Nine of the in- campus Entrepreneurs for actively building their Startups in our campus were also honoured by Dr. Sheeba Daniel, Assistant Professor and IIC Convenor. Total of 140 students along with 6 teachers got benefitted out of the program.



The IPR cell of IIC organized a session on “Significance of Intellectual Property Rights and Patent Filing Procedure” on 18<sup>th</sup> January 2023. Ms. R. Hemalatha, Assistant Controller of Patents and Designs, Biotechnology Division, The Patent Office, Govt of India, Chennai was the resource person. She explained about the significance of IPR and the procedure for filing patents and designs. Around 68 students were benefitted from the session.



The session on “Holistic View of IPR” was organized by the IPR cell of IIC in collaboration with KAPILA and NIPAM on 24<sup>th</sup> January 2023. The resource person of the session was Ms. R. Sindhuja, Examiner of Trademarks and GI Intellectual Property Office, Chennai. The resource person gave an outline on the components of IPR and she motivated the students to pursue their career in patent research and filing. Total 176 participants were attended the session.





The Innovation cell of the IIC organized a workshop on “Design Thinking, Critical Thinking and Innovation Design” on 27<sup>th</sup> January 2023. Dr. N.C.J. Packia Lakshmi, Assistant Professor, Department of Allied Health Science, Noorul Islam Centre for Higher Education, Kumarakovil was the resource person. The workshop provided hands-on training on how to think critically on various designs and create new innovative designs. This workshop paved way for the students to create various designs by themselves in a given specific time and they were allowed to think critically to solve certain problems given by resource person. 53 students were benefited from the workshop.



The MoE’s Innovation Cell organized a “Leadership Talk with Prof. T.G. Sitharam, Chairman, All India Council for Technical Education” on 30<sup>th</sup> January 2023 at 11:00 am through virtual mode. The resource person explained about innovation and entrepreneurship. The session was very useful, and all the participants get benefitted from the session. Total 56 students attended the session.



TN SDG Girls Championship - An avenue to Ideate & Create Impact - Idea Presentation Competition for students was conducted by the Innovation cell of IIC in association with StartupTN, Tirunelveli Regional Hub and SDSN on 3<sup>rd</sup> February 2023. 7 teams (21 students) were registered for this event and presented their ideas. Out of the 7 teams, first three teams were selected and awarded with shield and certificate. Dr. X. Venci Candida, Assistant Innovation coordinator and Innovation Ambassador, and Dr. M. Abila Jeba Queen, Innovation Ambassador were the Judges for the competition.





The Startup cell of IIC organized an “Eco Innovative Contest 2023” for the students on 21<sup>st</sup> February 2023. 20 students from various departments registered their names for the contest. Innovative Eco-friendly creations like bottle art, Eco friendly bags, paper basket, paper bags, customized multipurpose bowl made of Palmyra leaves, Natural herbal soaps such as Kuppaimeni and Rose soap, handmade Eco-friendly cotton napkins were presented in the competition. Out of the products, five best products were selected and rewarded. Dr. I. Jalaja Kumari, HOD of the Department of History, Holy Cross College (Autonomous), was the judge for the competition.



**Holy Cross College (Autonomous)**  
**Affiliated to Manonmaniam Sundaranar University**  
**Accredited with A+ by NAAC (IV Cycle- CGPA 3.35)**  
**Nagercoil- 4, Tamil Nadu.**



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Division of IICB Initiatives)

**STARTUP CELL**  
**IN COLLABORATION WITH**  
**IIC**  
**ORGANIZES**



**ECO INNOVATIVE  
CONTEST**

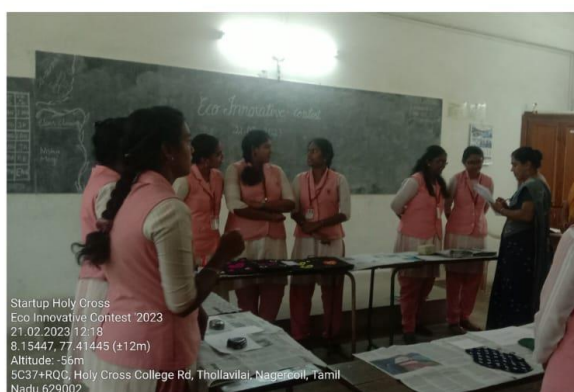


**DATE : 21.02.2023**

**Dr. Sr. Mary Hilda : Secretary & President of HCIIC**  
**Dr. Sr. S. Sahaya Selvi : Principal & President of IIC**  
**Dr. Sheeba Daniel : IIC Convener**  
**Dr. Jeni Padua : Startup Coordinator, IIC**



**ORGANIZING SECRETARIES**  
**DR. K. BABY**  
**MS. B. ANGELIN MAJILA**



The final round of Inter-Institution "Holy Cross Innovation Contest - 2023" was organized by the Innovation cell of IIC in collaboration with HCIIC on 24<sup>th</sup> February 2023. Total 16 teams from neighbouring colleges took part in the contest and presented their ideas in round 1. Out of these 14 teams were selected for round 2 and asked to send the video presentation of the prototype. Finally, 12 teams were shortlisted for the final round - Prototype presentation. Out of the 12 teams, three teams were selected and awarded with cash prizes and certificates. Mr. G. Arul Jerald Prakash, Former director, Kerala State Science and Technology Museum and Planetarium, Thiruvananthapuram and Dr. Sheeba Daniel, Assistant Professor of Chemistry, Holy Cross College (Autonomous), Nagercoil were the judges for the contest.





Social Media cell of IIC organized an Expert talk on “Process of Innovation Development and Commercialisation - 2023” on 25<sup>th</sup> February 2023. The resource person Mr. S. Sahaya Canute, Patent holder and Innovator shared his innovative handy fishing device and its benefits to the students. He This programme created an awareness regarding the need of IP filing, mechanism and methodology involved in filing IP in India and globally. The programme was very useful and informative which kindled the young minds with the spark of innovation. Total 110 students get benefited out of the program.




**HOLY CROSS COLLEGE**  
 (AUTONOMOUS)  
 (Accredited with A+ by NAAC-IV Cycle-CGPA 3.35)  
 Nagercoil - 629004

Social Media Committee of  
 Institution's Innovation Council invites you  
 to join Expert Talk on

**"Process of Innovation  
 Development and  
 Commercialisation" - 2k23**

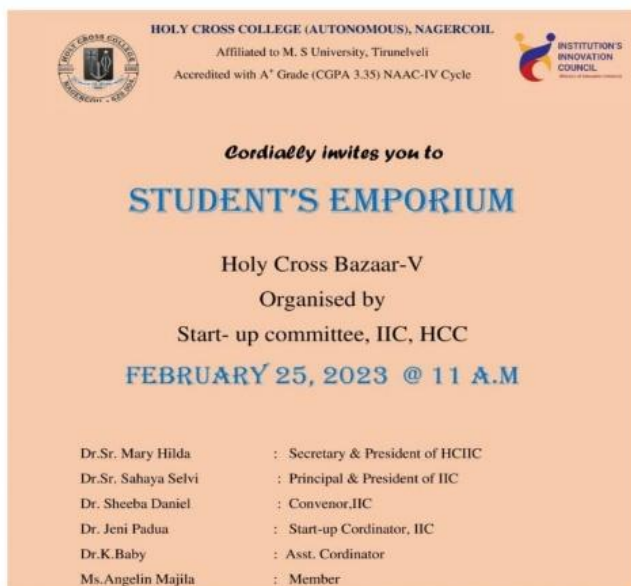
On February 25<sup>th</sup> @ 10 am  
 Venue: Seminar Hall

**Resource Person**  
**S. Sahaya Canute**  
 (Innovator)

Principal & President of IIC : Dr. Sr. Sahayaselvi  
 Convener of IIC : Dr. Sheeba Daniel  
 Social Media Coordinator : Dr. P. Aji Udhaya  
 Organising Secretaries : Sr. S. Antin Mary  
 Dr. X. Maria Muthu Shanthini



The Startup cell of IIC organized the “Entrepreneurship and Startup Initiative Programme: Student’s Emporium - Holy Cross Bazaar - V” on 25<sup>th</sup> February 2023. Dr. S.S. Mane, Professor and Head, Department of English and his team from Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur, Maharashtra served as the chief guests. The event was graced by the presence of Dr. Sr. Sahaya Selvi, Principal and president of IIC. Students were given a prospect to set up a venture of their choice, comprising stalls of products, services and food. The bazaar featured 28 stalls with a participation of 50 students. The students put up stalls individually, and in clusters, which enabled them to understand the various panels of entrepreneurship such as generating capital, teamwork, co-operative attitude towards a common objective and more importantly profit-sharing. Nearly 100 students got plans to expand their startup and asked the need of their purchaser/consumer to rectify the mistakes. More than 1500 students and 145 staff members were benefited by this event.





The session on "Achieving Problem – solution Fit and Product market Fit" was organized by the IPR cell of IIC on 28<sup>th</sup> February 2023. The resource person of the session was Mr. Maria Paul, Patent Innovator, Nagercoil. He shared his invention and explained how to achieve problem solution fit and product market fit. He motivated the students to publish more patents in research and products. 55 students were participated in the session.



**HOLY CROSS COLLEGE (AUTONOMOUS)**  
**NAGERCOIL**

Approved by AICTE, Government of India, New Delhi  
(10<sup>th</sup> cycle - 2019-2024)

**IPR CELL OF INSTITUTION'S INNOVATION COUNCIL**  
Organizes a session on

**"Achieving Problem – solution Fit  
and Product market Fit"**

**Resource Person**  
**Mr. Maria Paul**  
Patent Holder

**Date: 28.02.2023** **Time: 11.45 a.m.** **Venue: Room No.24**

**Principal & President of IIC : Dr. Sr. S. Sahayasefui**





The Startup cell of IIC in collaboration with HCIIC, The Rise Foundation and Green Earth organized “Kumari Entrepreneurial Fest - A Mega Event” (Exhibition cum Sales) on 3<sup>rd</sup> and 4<sup>th</sup> March 2023. 13 stalls were put up by the students of startup cell. Sh. P.N. Shridhar I.A.S., District Collector of Kanyakumari served as a chief guest of the event and inaugurated the stalls. The event was graced by the presence of Dr. Sr. Sahaya Selvi, Principal and president of IIC, The Secretary Dr. Sr. Mary Hilda, Fr. Jegath Kaspar, Founder of The Rise and so many higher officials. People from various places visited the stalls and benefited by the innovative things displayed and the traditional, organic products which kept for sale.






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**HOLY CROSS INNOVATION AND INCUBATION CENTRE & STARTUP  
CELL OF INSTITUTION'S INNOVATION COUNCIL**

*In Collaboration with*  
**NANBAN AND THE RISE FOUNDATIONS**  
*Organizes*

**"KUMARI ENTREPRENEURIAL FEST - A MEGA EVENT"**  
(Exhibition cum Sales)  
**Art from Wealth, Crafts n Creations  
Paintings & Traditional Food**

**Patron & President of HCIIC : Dr. Sr. Mary Hilda**  
**Principal & President of IIC : Dr. Sr. S. Sahayaselvi**  
**Organizers : Startup Cell Members**

**MARCH  
03 & 04, 2023  
Time  
9:00 am to 8:00 pm**

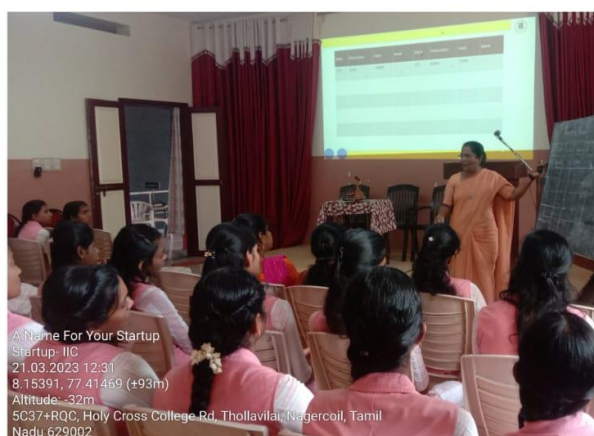
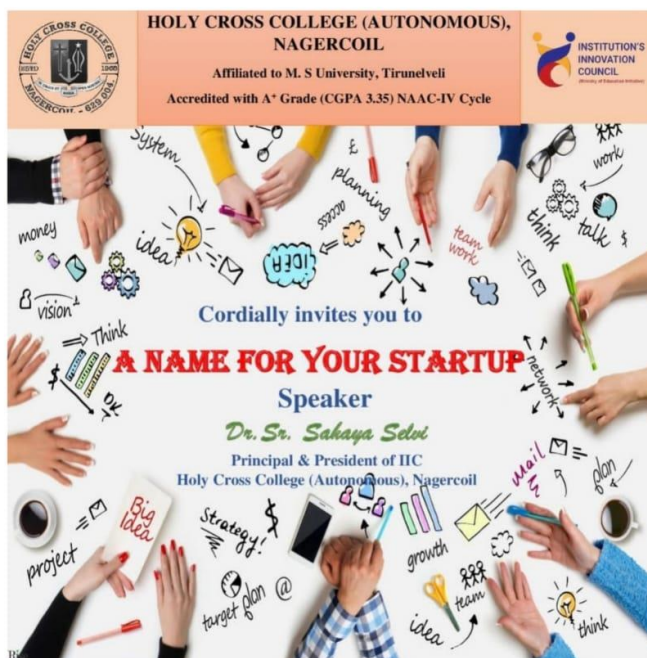








The Startup cell of IIC organized an orientation session on “A name for your Startup” on 21<sup>st</sup> March 2023. The resource person Dr. Sr. S. Sahayaselvi, Principal and President of IIC talked to students about the importance of naming their Startup business. Students were given ideas on about how to give a suitable and catchy name for their business. Sister explained about the scheme and support offered to the students for those who are initiating their business and taught to maintain ledger, accounts and on the ways to make and manage money. Total 43 students were participated in the session.



A Name For Your Startup  
Startup- IIC  
21.03.2023 12:31  
8.15391, 77.41469 (+93m)  
Altitude: -32m  
5C37+RQC, Holy Cross College Rd, Thollavilai, Nagercoil, Tamil  
Nadu 629002

A Name For Your Startup  
Startup- IIC  
21.03.2023 12:20  
8.15404, 77.41468 (+1600m)  
Altitude: -32m  
5C37+RQC, Holy Cross College Rd, Thollavilai, Nagercoil, Tamil  
Nadu 629002



The Internship cell of IIC in collaboration with St. Aloysius College, Thrissur organized a session on India's G 20 Presidency: Opportunities and Challenges on 29<sup>th</sup> March 2023 through Zoom platform. Dr. S. Regi (Assistant COE), Assistant Professor of History, Holy Cross College (Autonomous), Nagercoil was the resource person and gave an input on opportunities and challenges of India's G 20 Presidency. Totally 78 students were participated in the session.



**St. Aloysius College**  
Ithuruthi Thrissur 680611  
Kerala

**Holy Cross College (Autonomous)**  
Nagercoil 629 004  
Tamil Nadu

India took over from Indonesia the Presidency of G20 forum on September 1, 2023, making it a historic day. The G20 presidency of India, which is the largest democracy and the fastest growing economy in the world, will be essential in helping to the recovery and growth of the world economy after the pandemic. The event is organized by the National Education Policy Commission (NEPC) in collaboration with the Ministry of Education, Government of India.

**Dr. S. Regi**  
Principal, St. Aloysius College Ithuruthi

**Dr. S. Sakya**  
Principal, Holy Cross College (Autonomous) Nagercoil

**INDIA'S G20 PRESIDENCY: OPPORTUNITIES AND CHALLENGES**

**Speaker**  
Dr. S. Regi  
Assistant Professor, Dept. of History  
Holy Cross College (Autonomous)

**MARCH 29, 2023 @ 11:00 AM**  
MEETING ID: 858 9278 3735  
PASSCODE: 043538

**Click HERE**  
ZOOM Link to join

**PROGRAM CO-ORDINATORS**  
Dr. Shelly Johny  
Dept. of Political Science  
Dr. A. Shylia Suganthi  
Dept. of History

**Nagercoil**  
Tamil Nadu  
India  
2023-03-29(Wed) 11:27(am)

**Opportunities and Challenges**

The third and fourth council meet of IIC with the external members and was held on 31<sup>st</sup> March 2023 through blended mode. The coordinators of Innovation cell, IPR cell, Startup cell, Internship cell and Social media cell presented the activities carried out in the II quarter of IIC 5.0 and explained the action plan for the III and IV quarters. The external members gave their valuable feedback and suggestions. The coordinators of each cell of IIC and the external members were participated in the council meet.



The Innovation cell of IIC organized a workshop on “Prototype/Process Design and Development” on 5<sup>th</sup> and 6<sup>th</sup> April 2023. Dr. N.C.J. Packia Lakshmi, Assistant Professor, Department of Allied Health Science, Noorul Islam Centre for Higher Education, Kumarakovil was the resource person and explained the process for designing a prototype. The workshop provided hands-on training to create new innovative designs. 75 students were registered and participated in the workshop.



**HOLY CROSS COLLEGE (AUTONOMOUS) NAGERCOIL-4**  
Affiliated to Manonmaniam Sundaranar University, Tirunelveli  
Accredited with A+ grade by NAAC- IV Cycle (CGPA 3.35)



### INNOVATION CELL OF INSTITUTION'S INNOVATION COUNCIL

**Organises Two Days Workshop on**

**“ PROTOTYPE / PROCESS DESIGN AND DEVELOPMENT”**



**Resource Person**  
**Dr. N.C. J. Packia Lekshmi**  
Innovation Ambassador  
ARIIA Nodal Officer and Assistant Professor  
Department of Allied Health Sciences  
Noorul Islam Centre for Higher Education  
Kumarakovil

**Registration fee**  
**Rs.50/-**

**Date** : 05.04.2023 & 06.04.2023  
**Time** : 9.00 am – 3.00 pm  
**Venue** : St. Joseph's Hall

**Organising Secretaries**  
**Dr. Snow J Sharmilla**  
**Dr. X. Venci Candida**  
**Dr. S. Lizy Roselet**

**President of IIC** : Dr. Sr. S. Sahayaselvi (Principal)  
**President of IIC** : Dr. A. Shyla Suganthi  
**Venor of IIC** : Dr. Sheeba Daniel  
**Innovation Coordinator** : Dr. R. Krishna Priva



**Nagercoil, Tamil Nadu, India**

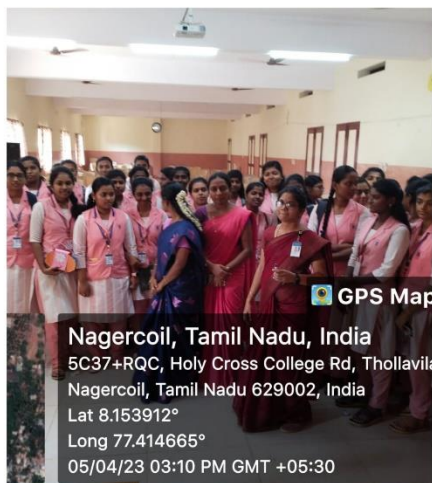
5C37+RQC, Holy Cross College Rd, Thollavilai,

Nagercoil, Tamil Nadu 629002, India

Lat 8.153949°

Long 77.414645°

05/04/23 01:58 PM GMT +05:30



**Nagercoil, Tamil Nadu, India**

5C37+RQC, Holy Cross College Rd, Thollavilai,

Nagercoil, Tamil Nadu 629002, India

Lat 8.153912°

Long 77.414665°

05/04/23 03:10 PM GMT +05:30



**Nagercoil, Tamil Nadu, India**

5C37+RQC, Holy Cross College Rd, Thollavilai,

Nagercoil, Tamil Nadu 629002, India

Lat 8.153952°

Long 77.414636°

05/04/23 01:58 PM GMT +05:30



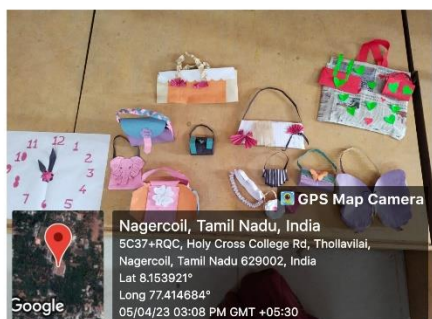
**Nagercoil, Tamil Nadu, India**

5C37+RQC, Holy Cross College Rd, Thollavilai,

Nagercoil, Tamil Nadu 629002, India

Lat 8.153926°

Long 77.414691°



**Nagercoil, Tamil Nadu, India**

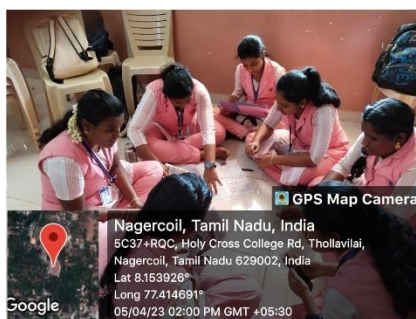
5C37+RQC, Holy Cross College Rd, Thollavilai,

Nagercoil, Tamil Nadu 629002, India

Lat 8.153921°

Long 77.414684°

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**Nagercoil, Tamil Nadu, India**

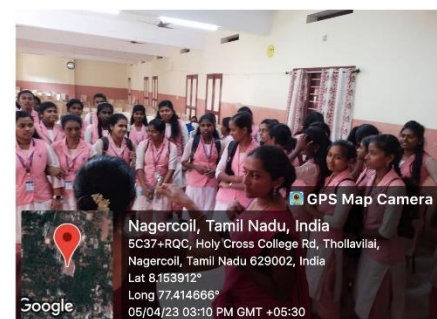
5C37+RQC, Holy Cross College Rd, Thollavilai,

Nagercoil, Tamil Nadu 629002, India

Lat 8.153926°

Long 77.414691°

05/04/23 02:00 PM GMT +05:30



**Nagercoil, Tamil Nadu, India**

5C37+RQC, Holy Cross College Rd, Thollavilai,

Nagercoil, Tamil Nadu 629002, India

Lat 8.153912°

Long 77.414666°

05/04/23 03:10 PM GMT +05:30



The Startup cell of IIC in collaboration with StartupTN organized a session on Innovation Competence Development Programme on 6<sup>th</sup> April 2023. Ms. R. Revathi, Special DRDO, Kanyakumari District was the chief guest and Mr. Gigin Durai of Startup TN was the resource person. They explained about the entrepreneurial opportunities and the Government funding for student entrepreneurs. 150 students were participated in the session and get benefited.



Workshop on Intellectual Property Rights and IP Management for Startup was organized by the IPR cell of IIC on 18<sup>th</sup> April 2023. Prof. Dr. Samuel Gnana Prakash Vincent, Head of the Department, Centre for Marine Science and Technology, Rajakamangalam and Dr. R.S. Rimal Isaac, Assistant Professor of Nanotechnology, NICHE, Kumarakovil were the resource persons. They explained about IPR and IP management. 85 students were participated in the workshop.





36 students from the department of Commerce and Physics along with 4 faculty members visited the EDII- Killikulam Agribusiness Incubation Forum, Killikulam on 18<sup>th</sup> April 2023. The “Field Visit to Incubation Centre” was organized by the Internship cell of IIC. They visited the millet processing unit, food processing unit, solar tunnel drier and hydroponic unit. Students got an exposure through the field visit

  
**HCIIIC**  
**HOLY CROSS COLLEGE (AUTONOMOUS)**  
 Accredited with A+ Grade (CGPA 3.35 – 4th Cycle) by NAAC  
 Nagercoil - 629 004, Tamil Nadu, India.  
**INSTITUTION'S INNOVATION COUNCIL**  
 and  
**CROSS INNOVATION AND INCUBATION CENTRE**  
**Organizes a**  
**"FIELD VISIT TO INCUBATION UNIT"**  
**Date: 18-04-2023**  
**At: EDII- Killikulam Agribusiness Incubation**  
**Killikulam, Tuticorin**  
 of HCIIIC : Dr. Sr. Mary Hilda, Secretary  
 of IIC : Dr. Sr. S. Sahayaselvi, Principal  
 of HCIIIC : Dr. A. Shyla Suganthi  
 of IIC : Dr. Sheeba Daniel  
 Organising Secretary : Dr. R. Sreedevi



In view of World Creativity and Innovation Day the Innovation cell of IIC organized an Interactive Session on “Step Out and Innovate” on 21<sup>st</sup> April 2023. Ms. M. Asnia of II M.Sc Physics was the resource person and shared her innovative ideas and concept. She motivated the students to think creatively and critically. The session was very interactive and the students clarified their doubts. Totally 65 students get benefitted from the session.

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 Accredited with A+ grade by NAAC- IV Cycle(CGPA 3.35)



To Commemorate World Creativity and Innovation Day

**INNOVATION CELL OF INSTITUTION'S INNOVATION COUNCIL**

Organizes

An Interactive Session on

**“STEP OUT AND INNOVATE”**

**Resource Person**

**Ms. M. ASNIA**

**II M.Sc Physics**

**Holy Cross College (Autonomous), Nagercoil**

**Date : 21-04-2023**

**Time : 11.00 am – 1.00 pm**

**f IIC : Dr. Sr. S. Sahayaselvi (Principal)**

**: Dr. A. Shyla Suganthi**

**: Dr. Sheeba Daniel**

**inator : Dr. R. Krishna Priya**

**Organising Secretari**

**Dr. Snow J Sharmill**

**Dr. X. Venci Candid**

**Dr. S. Lizy Roselet**



Holy Cross College , NAGERCOIL  
 World creativity day  
 21.04.2023 12:15  
 8.15475, 77.41483 (±12m)  
 Altitude: -43m  
 5C47+2R6, Holy Cross Nagar, Nagercoil, Tamil Nadu, 629004





The Social media cell of IIC organized a six days mentoring event on “Innovation and Entrepreneurship for School Students by Innovation Ambassadors” from 24<sup>th</sup> April to 29<sup>th</sup> April 2023. Dr. Sr. S. Sahayaselvi, Principal, Holy Cross College (Autonomous), Nagercoil and the Innovation Ambassadors are the resource persons. The resource persons gave an outline on innovation and entrepreneurship and explained its significances. 68 school students from the nearby schools participated in the mentoring event.

**HOLY CROSS COLLEGE (Autonomous)**  
NAGERCOIL, TAMILNADU 629004  
(Accredited with 'A+' Grade (IV Cycle-CPGA 3.35) by NAAC)  
(Affiliated to Manonmaniam Sundaranar University)

**Social Media Committee of IIC organizes a MENTORING EVENT on Innovation and Entrepreneurship for School Students by Innovation Ambassadors**

President of IIC : Dr. Sr. S. Sahayaselvi  
Convener of IIC : Dr. Sheeba Daniel  
Social Media Coordinator: Dr. P. Aji Udhaya  
Organizing Secretaries  
Sr. S Antin Mary  
Ms. M. Maria Helen Janoba  
Dr. X. Maria Muthu Shanthini

**Date: 24.04.2023 - 29.04.2023**  
**Time: 09:00 a.m. - 01:00 p.m.**  
**Venue: Multipurpose Hall**

**RESOURCE PERSONS**

**Day 1**  
**Title: Introduction to Innovation and Entrepreneurship**

**Dr. Sr. S. SAHAYASELVI**  
Principal & President of IIC  
Holy Cross College(Autonomous)  
Nagercoil

**Day 2**  
**Title: Entrepreneurship - Future of India**

**Dr. M. ABILA JEBA QUEEN**  
Innovation Ambassador  
Assistant Professor in Physics  
Holy Cross College(Autonomous)  
Nagercoil

**Day 3**  
**Title: How to Start a Startup**

**Dr. J.M. VINITHA CHARLES**  
Startup Mentor  
Assistant Professor of Economics  
Holy Cross College(Autonomous)  
Nagercoil





In view of World Intellectual Property Day, the IPR cell of IIC organized a session on “IP Rights for Empowering Women” on 26<sup>th</sup> April 2023. The resource person Dr. S. Sonia, Assistant Professor of Physics, Holy Cross College (Autonomous), Nagercoil gave a brief explanation of IP rights and the importance of IP rights for empowering women. 70 students were participated in the session.



**HOLY CROSS COLLEGE  
(AUTONOMOUS),  
NAGERCOIL**

Affiliated to MS University, Nationally Accredited with A+ Grade  
(4<sup>th</sup> cycle - CGPA 3.35) by NAAC



In commemoration of “**WORLD INTELLECTUAL PROPERTY DAY**”  
IPR CELL OF INSTITUTION'S INNOVATION COUNCIL

**Organizes a Session on**

**IP Rights for Empowering  
Women**



**Resource Person**

**Dr. S.SONIA., M.Sc.,Phd.,**  
Assistant Professor of Physics,  
Holy Cross College (Autonomous),  
Nagercoil.

**Date: 26.04.2023**

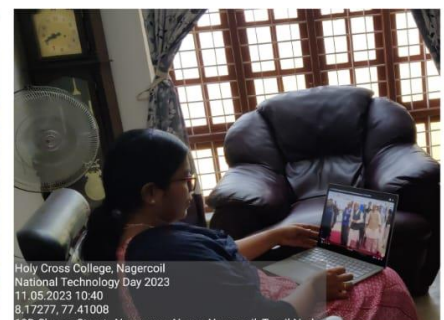
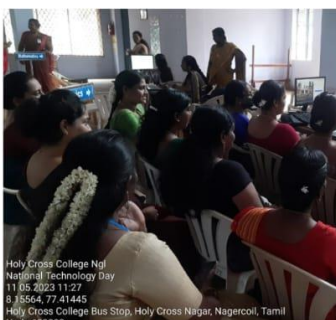
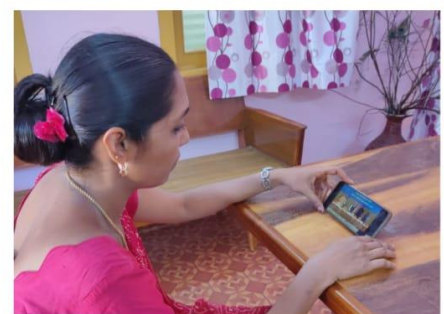
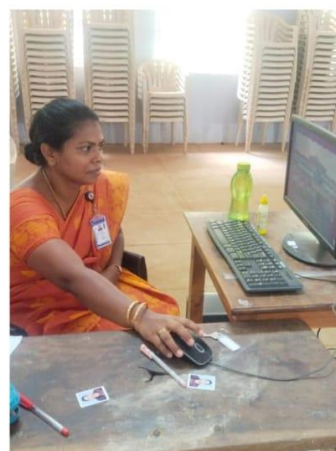
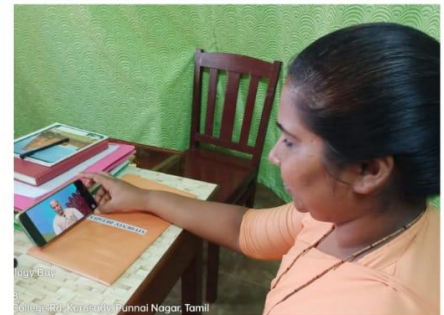
**Time: 9.15 a.m -  
11.15 a.m**

**Venue: Room No.24**





In view of National Technology Day, the MoE's Innovation Cell organized "National Technology Week 2023: Exhibition and Idea Presentation". The Honourable Prime Minister of India, Shri. Narendra Modi inaugurated the National Technology Week on 11<sup>th</sup> May 2023. Total 25 faculty members watched the programme.



In view of National technology Day on 11<sup>th</sup> May 2023, the Social media cell of IIC created and displayed a video on “Technology Speaks” in YouTube. The script and narration of the video was done by Dr. Premalatha Dinakaralal, Former Head and Associate Professor, Department of English, Holy Cross College (Autonomous), Nagercoil and edited by Social media members. The video described the growth of technology in different aspects



#### TECHNOLOGY SPEAKS.....

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3.61K



24



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#### TECHNOLOGY SPEAKS.....

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3.61K



24



Download

### Technology Speaks - Video Presentation (National Technology Day Celebration)

<https://youtu.be/r1oWWlrgU14>

Institution's Innovation Council in association with Holy Cross Innovation and Incubation Centre organized a Mentoring Clinic on “Patents: A Guide to Protecting the Intellectual Property” from 5<sup>th</sup> June to 7<sup>th</sup> June 2023. Ms. Meenaa Balakrishnan, IPR Attorney and Registered Patent Agent, Sprinton Law Office Law Firm, Coimbatore was the resource person. On 5<sup>th</sup> June 2023, she delivered a talk on the importance of filing the intellectual property. Afternoon, she started the mentoring session, the research scholars, students and the faculty members came in groups and discussed their innovative ideas and the inventions. The resource person gave groupwise mentoring and shared her valuable inputs. On 6<sup>th</sup> June to 7<sup>th</sup> June 2023, the mentoring session began at 10:00 am, the IPR attorney helped the students and the faculty members for patent drafting. All the participants utilized the facilities arranged by the management and the IIC members. As a result of this mentoring event 10 utility patent, 3 design patent and one trademark were filed. Total 100 participants were participated and get benefitted from this event.





Startup cell of Institution's Innovation Council organized a session on "Accelerators/ Incubation - Opportunities for Students and Faculty - Early-Stage Entrepreneurs" on 27<sup>th</sup> June 2023. Mrs. A. Glory, District Resource Person Non-Farm, Magalir Thittam, Kanniyakumari District was the resource person and spoke about the opportunities and schemes provided by Central and State Governments for entrepreneurship. She explained that the students must be aware of illegal financing groups that lure people into getting loans which leads to dreadful incidents. She also informed the students about Dr. Ambedkar's scheme for SC/ST students through which they can be benefited. In addition, she shared the places where people can market their products like exhibitions, DD Agri marketing and so on. Totally, 80 students and 10 faculty members were benefitted from the orientation session.



Internship cell of Institution's Innovation Council organized an orientation programme on "Internshala" on 28<sup>th</sup> June 2023. An orientation on Internshala online training was given by Dr. R. Sree Devi (Innovation Ambassador), Assistant Professor of Commerce, Holy Cross College (Autonomous) Nagercoil. She highlighted that the Internshala is India's No.1 internship jobs and training platform with 40000+ paid internships in Engineering, MBA, media, law, arts, and other streams. She mentioned a large number of courses and its importance for future career. She emphasized the need of registration in the portal. The programme focused on Internshala Training programmes with stipend and various jobs in different locations. 124 participated were participated in the programme.



Startup cell of Institution's Innovation Council organized a session on “Business Model Canvas” on 30<sup>th</sup> June 2023. Mr. N. Rahul (project lead), Mr. C. Gigin Durai (project Associate), and Mrs. Nagalingam (project Associate), Tamil Nadu startup and Innovation mission, Govt of Tamil Nadu were the resource persons. In the morning session Mr. N. Rahul explained about new businesses, product types, marketing and price strategies, sales process and Government schemes. In the afternoon session Mr. C. Gigin Durai explained about the business models and conducted group activities with students. Each groups discussed their business ideas and they have got the new way of business thoughts. Mrs. Nagalingam explained the impacts of business models and the government training scheme facilities availed in this business models. Students were able to understand how to do business plan and model. The students were interested to participate in it and motivated to start new business. Totally 99 participants were benefitted from the session.



Social Media Cell of Institution's Innovation Council conducted a Panel discussion with innovation and Start-up Ecosystem Enablers on 17<sup>th</sup> July 2023. The topic for the panel discussion was “Designing and Building of E-Vehicle”. The resource persons Mr. Jinu Martin, Founder/CEO, Lagoon Technologies, Mr. Sujin Roshan, Chief Information Officer, Lagoon Technologies, faculty and students discussed on the designing and building of e-vehicle. The programme was very useful and informative which kindled the young minds with the spark of innovation. 40 students and 6 faculty members were participated in the panel discussion.





Internship cell of Institution's Innovation Council organized a Hands-on Training Programme on "Internshala" on 21<sup>st</sup> July 2023. Dr. R. Sree Devi (Innovation Ambassador), Assistant Professor of Commerce, Holy Cross College (Autonomous) Nagercoil was the resource person. She gave a hands-on training to search and register for internship and job through internshala. The students got a knowledge about how to register and select suitable training in the portal. After the training session students clarified their doubts with the resource person. 85 students were benefitted from the programme. As an outcome of the training programme some students were registered for internship through internshala.



IPR cell of Institution's Innovation Council organized a session on "Angel Investment / VC funding opportunity for early-stage Entrepreneurs" on 25th July 2023. Mr. R. Sujith, District Resource Person, Prime Minister Formalisation of Micro Food Processing Enterprises Scheme, Nagercoil was the resource person. He highlighted and explained about all the funding schemes for entrepreneurs including several subsidy schemes (from 5% to 80%) funded by Ministry of Micro, Small and Medium Enterprises (MSME), Micro Units Development Refinance Agency (MUDRA), Centre for Entrepreneurship Development (CED), Entrepreneurship Development Institute of India (EDII), Prime Minister Formalisation of Micro Food Processing Enterprises Scheme (PMFME), Bahwan Cybertec etc. He also discussed about the qualities of entrepreneur and entrepreneurial process and then listed out the top 10 women entrepreneurs. Ninety-two early-stage entrepreneurs from various discipline were benefitted from this session.



Startup cell of Institution's Innovation Council organized a session on "Achieving Value Proposition Fit & Business Fit" on 25<sup>th</sup> July 2023. The resource person Mr. P. Muthukumar, Faculty, Indian Bank Rural Self Employment Training Institute, Kanyakumari District spoke about the opportunities and schemes provided by Central and State Governments for the development of Startup. He also explained about the natural resources available in our district viz plantain, jackfruit and fish and asked the students to manufacture unique products from the resources. In addition, he shared the places where people can market their products like exhibitions, DD Agri marketing and so on. Nearly 46 participants attended the programme.



Startup cell of Institution's Innovation Council organized an Intra Institutional Startup competition on 8<sup>th</sup> August 2023. The competition was announced on 1<sup>st</sup> August 2023, 25 teams were registered for the competition and the innovative products were displayed on 8<sup>th</sup> August. Out of the 25 registered teams, 22 teams were participated in the competition. The students exhibited their innovative products and explained it. Dr. Sheeba Daniel, Convenor of IIC and Dr. Jeni Chandar Padua, Dean of Entrepreneurship Development were the judges. The judges evaluated the innovative products and the first three prizes were given to lot no: 6, 17 and 10 respectively. After the evaluation, the students of each department came and saw the innovative products and encouraged the participants.





Innovation cell of Institution's Innovation Council organized an outreach program on the topic, "How to be Innovative" on 8<sup>th</sup> August 2023 at Pioneer Kumaraswamy College, Nagercoil. the resource person, Dr. R. Krishnapriya, (Innovation Ambassador), Assistant professor of Physics Holy Cross College (Autonomous), Nagercoil, gave a lively talk on "How to be innovative". She inculcated the students about innovation and also explained the early stage, middle stage, and final stages of invention. She shared her knowledge and experience as a mentor in order to pinpoint the areas where we fall short in expressing our innovative approach to start a business, how to remove obstacles, and how to take risks in order to innovate for the growth of enterprises. She motivated the students to become innovators. As an outcome, the students came to know about the advantages to become an innovator and built the culture of scientific innovations with in the campus. Totally 40 students were benefitted from the programme.

