





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 (2021-2022)

#### **INSTITUTION'S INNOVATION COUNCIL (IIC)**

#### Vision

The College aims at promoting the culture of Entrepreneurship, Innovation and Research to facilitate financial empowerment among students.

#### Mission

**Short term objectives:** To create awareness among the faculty, supportive staff and students with regard to innovations and entrepreneurship. Preparing Business plan for every Startup and Registration of Holy Cross incubation Centre.

**Medium term objectives:** To set up at least 10 pre- incubations, set up an incubation centers which will identify potential entrepreneurs, unlock their potential, improve creativity, orient them on innovation, provide support on market study, technical skills, knowledge on finance and provide handholding and mentoring support. Commercialization of products willbe a focus area.

**Long term objectives:** Well established pre-incubation, incubation and startup by all the departments and going for commercialization. Promote unique brands and take care of marketing risks, technology risks, financial risks with the help of other institutions like industry associations. Thus, getting ranks of ARIIA, NIRF, NACC and becoming one of the reputed institutions of the Country.

#### Journey of IIC

IIC has been established in year 2018-2019. In the year 2019-2020 the institute scored 2 stars and the following year 2020-2021, the institution has moved forward and scored 3.5 stars and the next year 2021-2022, the institution inched towards and achieved 4 stars status.

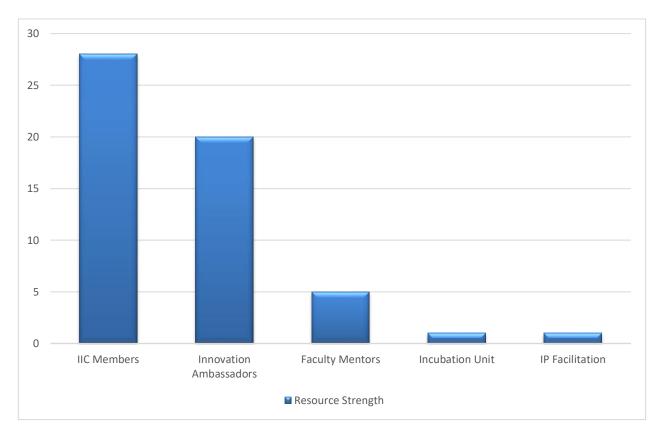
#### Diversified Representation in the IIC Established at the Institute from Industry, Interdisciplinary & Departments/ Units etc.

The institute has signed 13 MoU with industries and institutions through Holy Cross Innovation and Incubation Centre (HCIIC). HCIIC was registered under Micro Small Medium Enterprises on 23-09-2021. In collaboration with the institution many trainings and internship programs has been conducted. HCIIC in collaboration with IIC offered interdisciplinary skill-based certificate courses to all the first UG students. All the departments in the college actively take part in the IIC activities. Each department organizes a minimum of 2 programs per semester in the field of IPR, entrepreneurship and innovation.

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

#### KEY FUNCTIONARIES AT THE IIC INSTITUTE

#### **GRAPHICAL REPRESENTATION OF RESOURCE STRENGTH**



#### Highlight Facilities, Infrastructure of Pre-Incubation engaged in promotion of Innovation and Entrepreneurship in the campus

The HCIIC of the institution has 13 pre-incubation units through that students have been provided with training and helping them to start business ventures. HCIIC promotes women entrepreneurship and women-led start-ups by providing essential guidance, infrastructure, networking, tech support and access to investors. Thirteen start-ups were registered under HCIIC in the academic year 2021-2022. 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.

#### **Highlight Achievements**

78	Number of I & E and IPR activities conducted
13	Number of Students/Faculty ideas generated
6	Number of Students/Faculty innovations/prototype developed
13	Number of Student/Faculty startups established
5	Number of patents published
Rs. 32,840	Amount spend on promotion & awareness on I & E in the campus
Rs. 9,11,577	Amount grant or fund supported to student/Faculty lead Innovations, startups and IPR

#### **SMART INDIA HACKATHON 2022**

A team of six students from the department of Physics along with two faculty mentors participated in Smart India Hackathon Grand Finale 2022 (Hardware Edition) and built the Solar Dispenser prototype at QIS College of Engineering and Technology, Ongole, Andhra Pradesh.

Team Name: Alpha Notch

Team Leader: Ms. M. Asnia, II M.Sc Physics



#### STARTUPS ESTABLISHED BY STUDENTS/FACULTY

S. No.	Name of the Startup	Founder	Co-Founder	Logo
1.	CROSSCOM Tailoring Unit for Women	Dr. Sr. S. Sahayaselvi	Mr. S. John Cleetus	and a first state
2.	HJ Unpinned Penning Publication House	Mrs. M. Maria Helen Janoba	Ms. A. Jarith	
3.	Candere Collections	Dr. Y. Christabel Shaji	Dr. S. Ajith Sinthuja	CANDERE
4.	Body Scripts Zumba fitness for women	Dr. S. Ajith Sinthuja	Dr. Y. Christabel Shaji	The fitness lounge
5.	Aha Oho Traditional Sweets & Confectionery	Ms. M. Abi Joshna	Ms. M. Renald	AHA OHO
6.	Chirps Vermi-Centre	Dr. A. Punitha	Dr. S. Mary Mettilda Bai Dr. S. Prakash Shoba	()
7.	TechPoint	Ms. A. Akkanisha Ms. V.T. Dharshini	-	Jud Paul
8.	Aaro Yoga Centre	Sr. Shanthi	Mrs. Josephine Panimaya Rushya	
9.	R-Shell	Mr. A. Christ Jose	-	R-SHELL
10.	Allure Henna	Ms. A. Afeesha	Ms. M.R. Fathima Roshni Ms. A. Abinasha Barveen	ALLORE II. NA India and a statement Restance and a statement
11.	Triangle Beauty Care and make over	Ms. B.Meronisha	Ms. B. Rinosha Safrina Banu	Tringle
12.	Eden Gifts and Handicrafts	Ms. Giftlin Sneha	Ms. R. Mabel Akila	
13.	Botany Heavenly Mushroom	Dr. Sr. Leema Rose	Dr. A. Anami Augustus Arul	B H My

#### ACTIVITIES CONDUCTED (SEPTEMBER 2021 to AUGUST 2022)

S. No.	Date	Title of the Activity and Mode of the Activity (Online/Offline)	Resource Person	No. of Participants	Impact of the Programme
1.	18-09-2021	Session on "Internship and Prototype Designing" Offline	Mr. N. Rahul Founder of ATESH Labs and Silverink Foundations Mr. Gautham Palaniswamy CEO, Business Incubation Confederation of Periyar University Salem	75	Students were able to know about prototype designing, prototype making and product development
2.	23-09-2021	Webinar on "Empowering Women Entrepreneurship" Online	Mr. J. Jessy Flora Senior Scientist &Group Director (Rtd.) IPRC, ISRO, Mahendragiri Dr. C. Braba (Innovation Ambassador) Assistant Professor of Commerce Holy Cross College (Autonomous), Nagercoil	159	Students understood the important qualities to become a good entrepreneur
3.	01-10-2021	Webinar on "Women Entrepreneurs" Online	Dr. R. Rajesh Babu Assistant Professor Nanjil Catholic College of Arts and Science, Kaliyakkavilai	163	Understood how to overcome the struggles to become a women entrepreneur
4.	07-10-2021	Session on "Become an Entrepreneur on Fine Arts" Offline	Mrs. S. Mary Dominic Freeda Founder Pearl Art Drawing school, Besant Nagar, Chennai	232	Knew about online marketing

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5.	11-10-2021	Webinar on "Innovation Driven Entrepreneur" Online	Ms. Riya Rashmi Founder Opus Coliseum	218	Students gained innovative ideas for entrepreneurship
6.	13-10-2021	Webinar on "Financial Empowerment of Women in Higher Education" Online	Ms. Nirmala Guru CEO International Business and Leadership Coach, CEO, Guru Coaching LLC, Qatar	138	Knew about women empowerment
7.	15-10-2021	Webinar on Innovations in Nanotechnology Online	Dr. P Muthu Maheswaran DST-INSPIRE Faculty Department of Industrial Chemistry Alagappa University Karaikudi	108	Students were able to know the innovations in nanotechnology
8.	18-10-2021, 20-10-2021 to 21-10-2021	Three Day's Workshop on "Patent Drafting and Filing" Offline	Mr. Gigin Durai Assistant Professor Mar Ephrem College of Engineering Dr. Sheeba Daniel (Innovation Ambassador) Assistant Professor of Chemistry Holy Cross College (Autonomous) Nagercoil	55	Understood the procedure for patent drafting and filing
9.	23-10-2021	Webinar on "Empowering Women Entrepreneurship" Online	Dr. Sakthi Jothi Founder Sri Sakthi Social Economical and Educational Welfare Trust, Ayyampalayam Dindigul	180	Motivated the students to take up business
10.	29-10-2021	Thedal Online	Mr. Andi Giri Managing Principal Softsquare	413	Knew about the opportunities for Start-up
11.	30-10-2021	Field Visit/Exposure visit Offline	Mr. Theopilus Officer Nagercoil Municipality Nagercoil	56	Students were able to know the process of waste disposal in Nagercoil municipality

12.	03-11-2021	Webinar on "Creative Writing and New Media" Online	Dr. V.P. Rathi Assistant Professor of English Mannar Thirumalai Naicker College Madurai	258	Knew about creative writing
13.	12-12-2021	Webinar on "Social Media for Professional Development" Online	Dr. Shaja Arul Selvamani Senior Director Data Science, Data Products Envestnet Yodlee, USA	135	Understood the role of social media for professional development
14.	14-12-2021	"Organic Home-Made Food Festival" Offline	-	200	Promoted the entrepreneurial skills of the students
15.	14-12-2021	"National Energy Conservation Day" Celebration - Exhibition Offline	-	175	Students gave an awareness on renewable energy sources through models and demonstration
16.	15-12-2021	"Problem Solving and Ideation Session" for Students Offline	Mr. N. Rahul Founder of ATESH Labs and Silverink Foundations	430	Promoted innovation and creativity among the students
17.	18-12-2021	Webinar on "Success Story of a Women Entrepreneur" Online	Ms. Uma Kannan Women Entrepreneur Siva Packaging Industries, Nagercoil	57	Students got an awareness and motivation to overcome the hurdles to achieve their goal
18.	24-12-2021	Session on "Follow-up for Patent Filing" Online	Dr. R. Krishna Priya Assistant Professor of Physics Holy Cross College (Autonomous), Nagercoil	55	Motivated to file patents

19.	28-12-2021	Inauguration of "HJ Unpinned Penning Publication House" Offline	Ms. M. Maria Helen Janoba (Founder HJ Unpinned Penning Publication House) Assistant Professor of English Holy Cross College (Autonomous), Nagercoil Mr. A. Jarith Co-founder HJ Unpinned Penning Publication House	130	Faculty and students were motivated to publish books and obtain copyright
20.	05-01-2022	Workshop on "Patent Filing and Its Significance" Offline	Dr. R.S. Rimal Isaac Assistant Professor Department of Nanotechnology Noorul Islam Centre for Higher Education Kumarakovil	70	Described the importance and procedure for patent filing
21.	23-02-2022	Session on "Unlock Your Hidden Powers in Innovation and Entrepreneurship" Offline	Dr. M. Dhilphan Kumar Vice Principal Geetha Jeevan College of Arts and Science, Thoothukudi	193	Students were motivated towards entrepreneurial and collaborative activities
22.	23-02-2022	Session on "Promoting entrepreneurship and innovation ecosystem" among faculty Offline	Dr. M. Dhilphan Kumar Vice Principal Geetha Jeevan College of Arts and Science, Thoothukudi	140	Promoted an entrepreneurship and innovation ecosystem among faculty
23.	23-02-2022	Webinar on "Strategies to Become a Successful Entrepreneur" Online	Ms. Sujani Suresh Makeup Artist Cochin, Kerala	124	Inspired and motivated the students to become an entrepreneur. Students got an idea about marketing in social media
24.	26-02-2022	National Science Day Celebration – 2022 Competitions and Presentation Offline	Ms. A. Snow Havi Thev II M.Sc Chemistry Holy Cross College (Autonomous), Nagercoil	122	Students exhibited their innovation and creativity through various competitions

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25.	28-02-2022	Webinar on "Innovations in Astrophysics" Online	Dr. S. Viji Kumar Director Tamil Nadu Scientific Research Organisation Pudukkottai	105	Students were able to know about aerospace technology and sounding rockets
26.	28-02-2022	National Science Day Celebration - 2022 Exhibition Offline	-	143	Students showcased their talents through innovative experiments
27.	03-03-2022	Exhibition on "Women Empowerment" Offline	-	184	Acquired knowledge on women consent
28.	21-03-2022	Awareness Programme on Intellectual Property Rights Online	Mr. A. Seetha Raman Examiner of Patents and Designs Intellectual Property Office, Chennai.	106	Students were able to know about IPR and its components
29.	30-03-2022	Seminar on "How to plan for Start Up - Legal and Ethical Steps Offline	Dr. R. Francis Xavier Vice-Principal St. Xavier's College (Autonomous), Palayamkottai	111	Students got an awareness and motivation to achieve their goals, employability opportunities, business and Startups
30.	13-04-2022	Demo Day/Exhibition Offline	Ms. Jerina Bubby Assistant Director MSME, Tirunelveli	65	Students exhibited their innovative ideas and prototypes
31.	21-04-2022	Webinar on "Entrepreneurship and Intellectual Property" Online	Mr. Gigin Durai Assistant Professor Mar Ephrem College of Engineering	115	Students were able to know about intellectual property right and entrepreneurship
32.	26-04-2022	World IP Day celebration "Poster making competition: IP and Innovation for a Green Future"	-	10	Students were able to showcase their skills and talents
33.	28-04-2022	Awareness on "Plastic and World Consumer Day and Earth Day Celebration" Offline	Mr. Michael Antony Fernando Director Mahalir Thittam K.K. District Mrs. Thangarani Engineer Pollution Control Board, Nagercoil	90	Student got an awareness to save the mother earth from plastic pollution. Distributed cloth carry bag to all the participants

34.	11-05-2022	Session on "Technologies: Impact - Future Trends" Offline	Dr. A Suruliandi Controller of Examinations MS-University Tirunelveli Dr. R Rajalakshmi HoD, Department of Computer Science	595	Students came to know about social media issues and scope of data analytics
			Noorul Islam College of Arta and Science, Kumarakoil		
35.	20-05-2022	Seminar on "Entrepreneurial Motivation of Women and Ideas of Business" Offline	Dr. D.G.M. Victoria Assistant Professor Department of Economics S.T. Hindu College Nagercoil	110	Motivated the students to become an entrepreneur
36.	23-06-2022	Session on "Incubation - Opportunities for Students & Faculties - Early-Stage Entrepreneurs" Offline	Ms. Jerina Bubby Assistant Director MSME, Tirunelveli	90	Described the incubation and funding opportunities available for early- stage entrepreneurs
37.	23-06-2022	Mentoring Session on "Lean Startup and Minimum Viable Business" Online	Mr. Jose Robin Entrepreneur, Oasis Group of Companies Oman	200	Understood the importance of investment through lean startups and knew the factors influencing minimum viable business models
38.	20-07-2022	Webinar on "Angel Investment and Venture Capitalist Funding Opportunity for Early- Stage Entrepreneurs" Online	Ms. Nirmala Guru CEO, Guru Business School, Qatar	200	Understood the importance of investment through venture capitalists and angel investors
39.	22-07-2022	"Panel Discussion with Innovation and Startup Enablers from The State Level" Offline	Mr. S. Santhosh Proprietor, Agri & Food Business Professional, Thiruchirapalli Crescent Innovation and Incubation Centre	10	Discussed about the innovative opportunities and the start-up facilities in the current scenario

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40.	26-07-2022 to 27-07-2022	World Environment Day Celebration – 2022 Competitions Offline	-	126	Students gained awareness on the importance of environment and its sustainability through various competitions
41.	02-08-2022	Session on "Social Entrepreneurs" Offline"	Ms. D. Catherin Mary Nodal Coordinator CHILD LINE, Kanniyakumari, Holy Cross College (Autonomous) Nagercoil	63	Students gained knowledge on social entrepreneurs
42.	10-08-2022	Har Ghar Tiranga Programme (Salute to Flag) Offline	Ms. R.Ravisha Student Secretary of History Association Department of History, Holy Cross College (Autonomous) Nagercoil	94	Students got an awareness and motivation about patriotism, nationalism, dedication and selfless efforts of freedom fighters and attained knowledge about our National Flag
43.	13-08-2022	Rally on Two Wheelers 75 <sup>th</sup> Azadi Ka Amrit Mahotsav Offline	Dr. Sr. Mary Hilda Secretary Holy Cross College (Autonomous) Nagercoil	62	students got an awareness on the significance of National Flag
44.	22-08-2022	World Entrepreneurial Day Celebration "Holy Cross Bazaar" Offline	Ms. Parveen Matthew Correspondent Corpus Christi School Nagercoil	346	Students actively participated and gained knowledge about entrepreneurial skills
45.	30-08-2022	"Rural Entrepreneurship Development with Organic Farming" Offline	Mr. K. Ajith Proprietor Tamil Iyarkai Velan Pannai, Thirunelveli	94	Students gained knowledge on rural entrepreneurship and the uses and opportunities in organic farming

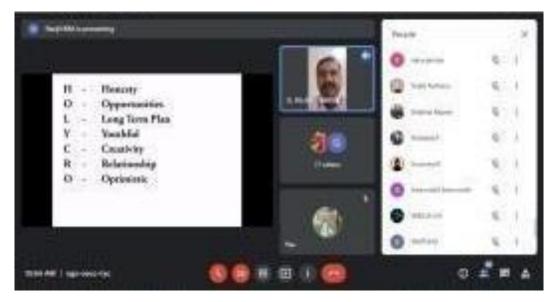
#### PHOTO GALLERY



Session on "Internship and Prototype Designing"



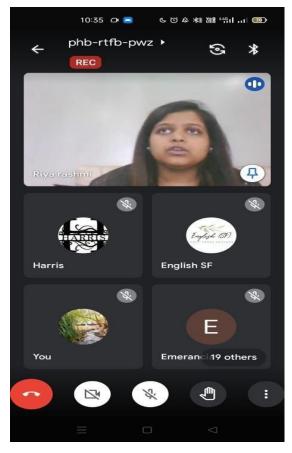
Webinar on "Empowering Women Entrepreneurship



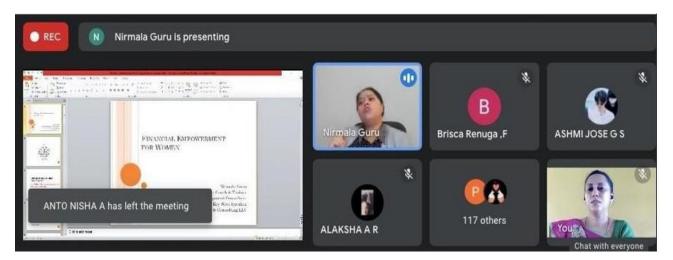
Webinar on "Women Entrepreneurs"



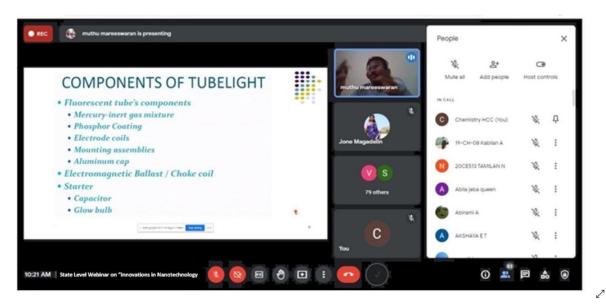
Webinar on "Become an Entrepreneur on Fine Arts"



Webinar on "Innovation Driven Entrepreneur"



Webinar on "Financial Empowerment of Women in Higher Education"

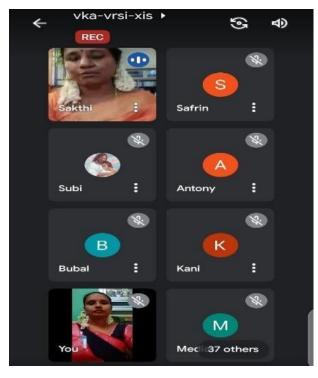


Webinar on "Innovations in Nanotechnology"





Workshop on "Patent Drafting and Filing"



Webinar on "Empowering Women Entrepreneurship"



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Field Visit/Exposure visit



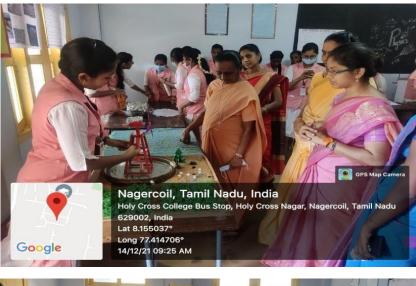
Webinar on "Creative Writing and New Media"



Webinar on "Social Media for Professional Development"



**Organic Home-Made Food Festival** 

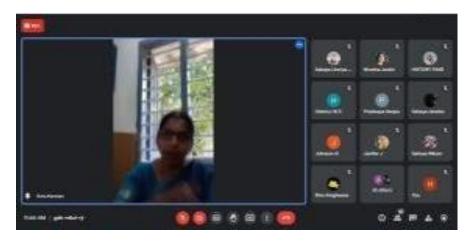




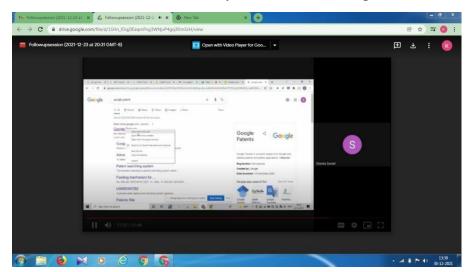
National Energy Conservation Day Celebration – 2022: Exhibition



"Problem Solving and Ideation Session" for Students



Webinar on "Success Story of a Women Entrepreneur"



Session on "Follow-up for Patent Filing"



**Inauguration of HJ Unpinned Penning Publication House** 





Workshop on "Patent Filing and Its Significance"



Session on "Unlock Your Hidden Powers in Innovation and Entrepreneurship"



Webinar on "Strategies to Become a Successful Entrepreneur"





National Science Day Celebration – 2022



Webinar on "Innovations in Astrophysics"



**Exhibition on "Women Empowerment"** 







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INSTITUTION'S INNOVATION COUNCIL In Collaboration with National Intellectual Property Awareness Mission Organizes an Awareness Programme on "INTELLECTUAL PROPERTY RIGHTS"

Date: 21-03-2022

Time: 1:30 pm - 3:00 pm

**Resource Person** 

**Mr. A. SEETHA RAMAN** Examiner of Patents and Designs Intellectual Property Office Chennai



Patron President of IIC Vice-President of IIC Convener of IIC Coordinator of IPR Cel

Convener of IIC : Dr. A. Anami Augustus Arul Coordinator of IPR Cell : Dr. Sheeba Daniel Organising Secretaries

Ms. A. Franklin Ragila Dr. C. Anitha

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: Dr. Sr. Gerardin Jayam

: Dr. Sr. S. Sahayaselvi

: Dr. Sr. Anne Perpet Sophy

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Awareness Programme on "Intellectual Property Rights"



Seminar on "How to plan for Start Up - Legal and Ethical Steps









Demo Day/Exhibition



Webinar on "Entrepreneurship and Intellectual Property"



World IP Day celebration: Poster Making Competition







HOLY CROSS COLLEGE (AUTONOMOUS) Affiliated to MS University, Tirunelveli Accredited with A+ Grade(CGPA 3.35 - 4th Cycle) by NAAC



CONSUMER CLUB HUMAN RIGHTS UNIT LEGAL LITERACY IN COLLABORATION WITH IIC INVITES YOU TO JOIN US FOR AWARENESS TALK ON

# Plastic Awareness and World

## **Consumers Rights Day and Earth Day**

### esource Person

## Mr. N. Michael Antony Fernando

Project Director, Magalir Thittam, Kanyakumari District

# Mrs. Thangara

Date : 28/04/2022

Time : 1.40 3.15 p.m

PATRON : DR. SR. GERARDIN JAYAM CHAIR PERSON : DR. SR. ANNE PERPET SOPHY CO ORDINATOR : MS. A. FRANKLIN RAGILA

Organising Secretaries MS. J. JOSEPHINE SHINY MS. J. JENIFER Dr. K. S. SOWMIYA

Awareness on Plastic and World Consumer Day and Earth Day



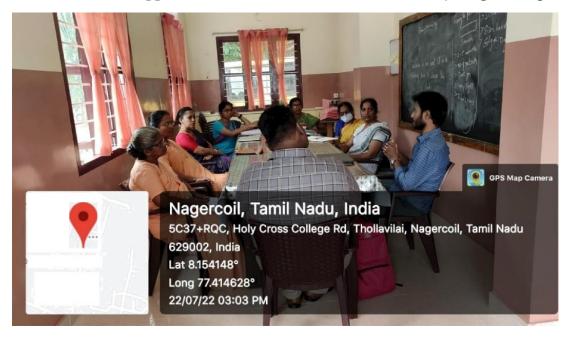
Session on "Technologies: Impact - Future Trends"



Seminar on "Entrepreneurial Motivation of Women and Ideas of Business"



Session on "Incubation - Opportunities for Students & Faculties - Early-Stage Entrepreneurs"



"Panel Discussion with Innovation and Start-Up Enablers from The State Level"



Session on "Social Entrepreneurs"



Har Ghar Tiranga Programme (Salute to Flag)



Rally on Two Wheelers 75th Azadi Ka Amrit Mahotsav



World Entrepreneurial Day – Holy Cross Bazaar



"Rural Entrepreneurship Development with Organic Farming"