





INSTITUTION INNOVATION COUNCIL (IIC)

HOLY CROSS COLLEGE, NAGERCOIL

Report (2019 - 2020)



First quarterly

Details of First IIC meeting (Date: 27.09.2019)

INSTITUTION INNOVATION COUNCIL (IIC) HOLY CROSS COLLEGE (Autonomous) NAGERCOIL

Constitution of IIC council

1. Institution representation

Head of the Institution

President of IIC

Dr. A. Shyla Suganthi

Dr. Sheeba Daniel

Convener : Ms. P. Aji Udaya PAji Udlaya

Innovation activity Coordinator : Dr. I. Jalaja Kumari Start-up activity coordinator : Ms. A. Sammema

Internship Coordinator : Dr. Krishna Pirya Pring : Dr. C. Braba C. Bullet

Social Media Coordinator : Ms. J. Divya Mary Malar

NIRF coordinator : Dr. S. Sujitha Duman

Members : Dr. C. Jenila

: Dr. J. Celin Papa Rani J. Celia

2. Expert representation

IP Expert/Patent Expert : Dr. K.P. Vinodh Kumar
Alumni Entrepreneur : Ms. S. Pakyalakshmi & Ba

Expert from nearby industry : Dr. Arul Jerald Prakash Investor : Mrs. A. Swarnalatha

Investor : Mrs. A. Swarnalatha
Incubation Centre : Dr. Bhagavatheeswaran

3. Student Representation

Innovation activity Coordinator : Ms. Ancilin Briji, M.P. Start-up activity coordinator : Ms. Vijayakumari Okonia.

Internship Coordinator : Ms. Jinilin Jeya, H.U. Shirting IPR activity coordinator : Ms. Raveena, S. S. Power.

Social Media Coordinator : Ms. Ransom Blessena, E. for Athuga

INSTITUTION INNOVATION COUNCIL (IIC)

HOLY CROSS COLLEGE (Autonomous) NAGERCOIL

Date: 27.09.2019

Date: 27.09.2019

Agenda of the First IIC Meeting

The First IIC meeting for the academic year 2019-2020 was held on 27th August 2019 in Cecile Hall at 11: 30 a.m. The meeting began with a silent prayer followed by Welcome address by Dr. A. Shyla Suganthi, the President of IIC.

The Vice-president of IIC, Dr. Sheeba Daniel read the Agenda of the meeting. Following is the agenda of the First IIC:

- 1. Resolution of formation of council
- 2. Quarterly Action plan development and progress monitoring
- Minutes of meeting

The resolution of the council was repeated by the representative of the Incubation Centre, Dr. Bhagavatheeswaran, the Director, Centre for Social Development, Nagercoil. The resolution was conceded by the IIC members and the student participants.

INSTITUTION INNOVATION COUNCIL (IIC)

HOLY CROSS COLLEGE (Autonomous)

NAGERCOIL

First IIC Council Meeting

Quarterly Action Plan

MIC driven activities

- Formulate Council and upload first action plan of the council with minutes of meeting.
- > One day workshop on, "Entrepreneurship an Innovation as career opportunity".
- Field/exposure visit to village/society/school/industry/market identify real problems,
- My story Innovator's life & cross road motivational speech.
- My story Entrepreneurial life & cross road motivational speech.
- Innovation Day Campaign Celebrate Innovation day to mark Dr. A.P.J. Abdul Kalam Birth Anniversary

Self-driven activities

Sale exhibition of the handmade items of students.

INSTITUTION INNOVATION COUNCIL (IIC) HOLY CROSS COLLEGE (Autonomous) NAGERCOIL

First IIC Council Meeting

Date: 27.09.2019

RESOLUTION OF THE COUNCIL (2019 – 2020)

- To build Institutional Innovation and start-up ecosystem within the campus.
- To conduct MIC driven activities and Institutional activities related to entrepreneurship
- Enhance industry-academia interaction.

×	Enhance industry-academia inter	Centre for Societal Development.
>	MoU with	Centre for Societal Development Signature
1.	Institution representation Head of the Institution	Fox: Dr. Sr. Anne Perpet Sophy
	President of IIC	: Dr. A. Shyla Suganthi
	Vice-President	: Dr. Sheeba Daniel Thur.
	Convener	: Ms. P. Aji Udaya P. Ajildlangs
	Innovation activity Coordinator	: Dr. I. Jalaja Kumari
	Start-up activity coordinator	: Ms. A. Sammema
	Internship Coordinator	: Dr. Krishna Pirya
	IPR activity coordinator	: Dr. C. Braba C. Brah
	Social Media Coordinator	: Ms. J. Divya Mary Malar
	ARIIA coordinator	: Dr. S. Sujitha
	NIRF coordinator	: Dr. H. Jimsy Asha
2.	Expert representation IP Expert/Patent Expert	: Dr. K.P. Vinodh Kumar
	Alumni Entrepreneur	: Ms. S. Pakyalakshmi & Bac

Expert from nearby industry

Investor

Incubation Centre

: Dr. Arul Jerald Prakash

: Mrs. A. Swarnalatha

: Dr. Bhagavatheeswaran

: Ms. Ancilin Briji, M.P. O

: Ms. Vijayakumari

: Ms. Jinilin Jeya, H.U. : Ms. Raveena, S. Raveene

: Ms. Ransom Blessena, E. for Aliga

3. Student Representation

Innovation activity Coordinator

Start-up activity coordinator

Internship Coordinator

IPR activity coordinator Social Media Coordinator

INSTITUTION INNOVATION COUNCIL (IIC)

HOLY CROSS COLLEGE (Autonomous)

NAGERCOIL

Date: 27.09.2019

Minutes of the First IIC Meeting

The First IIC meeting for the academic year 2019-2020 was held on 27th August 2019 in Cecile Hall at 11: 30 a.m. The meeting began with a silent prayer followed by Welcome address by Dr. A. Shyla Suganthi, the President of IIC.

The Vice-president of IIC, Dr. Sheeba Daniel read the Agenda of the meeting. Following is the agenda of the First IIC:

- 1. Resolution of formation of council
- 2. Quarterly Action plan development and progress monitoring
- 3. Minutes of meeting

The resolution of the council was read by the representative of the Incubation Centre, Dr. Bhagavatheeswaran, the Director, Centre for Social Development, Nagercoil. The resolution was passed by our IIC team members.

The convener of IIC, Mrs. P. Aji Udhaya conveyed and discussed about the quarterly action plan. Following are the quarterly action plan:

MIC driven activities

- > Formulate Council and upload first action plan of the council with minutes of
- > One day workshop on, "Entrepreneurship an Innovation as career opportunity".
- Field/exposure visit to village/society/school/industry/market identify real problems,
- > My story Innovator's life & cross road motivational speech.
- > My story Entrepreneurial life & cross road motivational speech.
- Innovation Day Campaign Celebrate Innovation day to mark Dr. A.P.J. Abdul Kalam Birth Anniversary

Self-driven activities

- Sale exhibition of the handmade items of students
- Dr. Bhagavatheeswaran, gave an orientation about innovation and start-ups to the student members. The session was interactive as many of the students clarified their doubts and they had come with few ideas.
- Dr. A. Shyla Suganthi makes clear about the aims and objectives of IIC and the responsibilities and the events to be carried out to the Faculty and student coordinators.
- Dr. H. Jimsy Asha, NIRF coordinator, interacted with the students and encouraged them to identify the problems of their or the neighbouring locality and come up with innovative ideas.

The meeting came to an end with vote of thanks by Dr. H. Jimsy Asha followed by National Anthem.

Date: 27.09.2019

Attendance

Name	Class and Department	Representation in	Signature
S. Afila Joohi	II.B.com(SF.II)	Media	81000
M. Amina Natheera	IL B. COM(STID)	Media	Toler
M.J. Howwa Athiya	II. B. (om (SF-II)	Media	Ahiya.
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Juliu Jeya HU	II BSC Physics	Juleuship	Shin
B. Suganthy	II Bsc physics	Inovation	B. Suganting
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Mohamed Sabreen Banc	I B.A History	Innovation	Baby_
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Sauntharya T	I B D. Sconom.	steel up activit	Saurdhenger
Towarya. M	D BA Economi	Start up activit	1 Sway.

io.	Name	Class and Department	Representation in	Signature
	S. Raveena	I BA Englith(Aide)	IPR	S. Parrane
_	A. H. Bhagawathi	I. B.A. History	.start 140	Bhajauat
	J.Boomika	I.B.A. History		J.Bcomi
	J. Dhanu Jeans	T. BA English fit (Aidd)		المياسية المرام
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	M. Pockia Lekshni	9 BA Econonics		Pa(kig.
- 1	P Evanjalin Nigitha	T. BA Economics		RNigoth
- 1	A. Payal	I Bsc Physics		A. Payal
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Name	Class and Department Representation in	Signature
S. Arockiya Ashely	I Bsc physics.	S. Arockiya, Asi
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	I Bsc physics	M. Čowri
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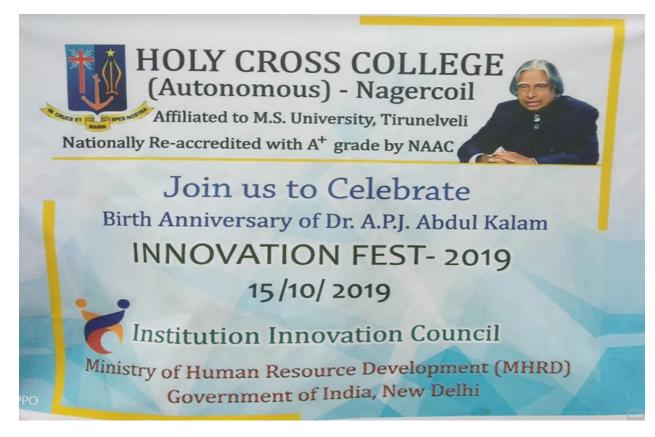
First IIC meeting



Activities

1. Type of activity: Self-driven activity

INNOVATION FEST – 2019 Date: 15.10.2019



Innovation Day Campaign - Report

Institution Innovation Council of Holy Cross College, Nagercoil celebrated the birth anniversary of Dr. A.P.J. Abdul Kalam on 15th October 2019 as INNOVATION FEST – 2019 with 93 students and 8 faculty members. The inaugural session began with the prayer song followed by Welcome address by Ms. Vijayakumari (Start-up Coordinator), III B.Sc. Botany. Two-minute silence was observed in view of the remembrance of Dr. A.P.J. Abdul Kalam, his innovations and contributions to our nation. The IPR Expert, Dr. K.P. Vinodh Kumar, Assistant Professor of Chemistry, University College of Engineering, Nagercoil, delivered an inspirational talk on "Innovation and Entrepreneurship". He explained in detail about the innovation and entrepreneurship with examples. He also highlighted the inventions of some famous innovators. The students got a clear idea on Innovation and Entrepreneurship. The inaugural sessions came to an end with vote of thanks by S. Raveena of II B.A. English (IPR Coordinator).



After inauguration, the following competitions were conducted allied to "Innovative Ideas and problem solving concepts related to Environmental, Societal problems and Entrepreneurship".

- 1. Essay Writing
- 2. Slogan Writing
- 2. Case Study
- 4. Poster Making

43 contestants, including faculty members, participated in the above said competitions.

In the afternoon, Dr. A. Shyla Suganthi (the President of IIC) presented the Start-up Policy and also explained the importance of start-ups and incubation centres in colleges. The meeting came to an end with National Anthem.

Prize Winners of INNOVATION FEST – 2019

A. Faculty Essay

Writing

I Prize : Dr. J.M. Vinitha Charles

Assistant Professor, Department of Economics

Slogan Writing

I Prize : Dr. S. Vimal Dolli

Assistant Professor, Department of Economics

B. Students

Essay Writing (English)

I Prize : K. Sahaya Princelin Gisha, II B.Com (Aided)

II Prize : Leena Saju, I B.Sc. Chemistry

II Prize : Brindha, I B.A Economics

III Prize : H. Felcia, I B.Sc. Chemistry

Essay Writing (Tamil)

I Prize : A. Roshiba, II B.Sc. Physics

II Prize : N. Nihariha Vaanathy, I B.Sc. Chemistry

Slogan Writing

I Prize : Sr. Punitha Jenova, I B.A History

II Prize : A.H. Bhagawathi, I B.A. History

III Prize : M. Asnia, II B.Sc. Physics

Case Study (English)

I Prize : K. Monishka, I B.Sc. Chemistry

II Prize : R. Sahaya Sobhitha, I M.A History

III Prize : E. Ransom Blessena. II B.Com (S.F II)

Case Study (Tamil)

I Prize : S. Afila Joohi, II B.Com (S.F II)

Poster Making (Group competition)

I Prize : M. Amina Natheera and S. Ayisha Farhana II

B.Com (S.F II)

2. Type of activity: MIC driven activity

My story - Innovator's Life & Cross Road Motivational Speech

Date: 25.10.2019 (F.N.)

Resource Person: Er. G. Arul Jerald Prakash (Director)

Kerala State Science & Technology Museum

Priyadarsini Planetarium

Thiruvananthapuram

The motivational talk on "My story – Innovator's Life & Cross Road" was held on 25th October 2019 in the Cecile Hall at 9.30 am. 88 participants; 80 students and 8 faculty members, participated for the event. The meeting began with a prayer song followed by welcome address by Mrs. P. Aji Udhaya, the Convener of IIC. Er. G. Arul Jerald Prakash, the external expert, gave an inspirational talk related to Innovations and the achievements made by him. He highlighted the innovation hub and the innovation activities in the Priyadarsini Planetarium, Trivandrum, Kerala. He discusses the innovations done by our former President, Dr. A.P.J. Abdul Kalam to our nation. He also explained in detail about the innovations of various researchers; manufacture of tiles from waste materials, conversion of used oil to biofuels, fuels from plastics, etc. The talk was very useful and an inspirable one. After the motivation talk, he distributed the prizes for the winners of the INNOVATION FEST – 2019 held on October 15. He congratulated all the prize winners for their achievements. Dr. R. Krishna Priya, the Internship coordinator, proposed the vote of thanks. The meeting ended with National Anthem.

My story – Innovator's Life & Cross Road Motivational Speech



Prize distribution to students





Prize distribution to staff





3. Type of activity: IIC driven activity

My story – Entrepreneurial Life & Cross Road Motivational Speech

Date: 25.10.201 (A.N.)
Resource Person:

Mrs. S. Pakyalakshmi Alumni Entrepreneur Sarakkondrai Jute Bags Nagercoil



Date: 28.10.2019

The motivational talk on "My story – Entrepreneurial Life & Cross Road" was held on 25th October 2019 in Cecile Hall at 11.30 am. The meeting began with a prayer song followed by welcome address by Dr. Sheeba Daniel, the Vice-president of IIC. The Alumna, Mrs. S. Pakyalakshmi (External expert-IIC) gave her entrepreneurial experience to the young budding entrepreneurs of our college. She narrated how the motivation and the personality development programmes conducted in the college inspired her to become an entrepreneur. She highlighted the detrimental effects of plastics and urged an alternative which enthused her to make jute bags and files. She motivated the students to use materials made of jute instead of plastics. It was an interactive session; the students asked their doubts regarding the make of jute bags. The students also shared their goals in their life. 80 students and 8 faculty members participated in the meeting. The meeting ended up with vote of thanks by Dr. A. Sameema (Startup co-ordinator) followed by National Anthem.

4. Type of activity:

Participation in NEAT Logo contest

Dr. Sheeba Daniel submitted a Logo to the NEAT Logo Contest conducted by MHRD's Innovation Cell based on the theme - Quality Education.

5. Type of activity: Self-driven activity

Sales Exhibition

Date: 28.10.2019

Brochure





Institution Innovation Council, Entrepreneurship Development Cell & Skill Enhancement Committee HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL

Sales Exhibition of Student's Hand-made Items!!!!!

Dear Faculty and Students.....

Institution Innovation Council, Entrepreneurship Development Cell and Skill Enhancement Committee jointly organizing a sales exhibition displaying student's hand-made items

<u>Date:</u> 28th September, 2019 <u>Venue:</u> Multipurpose Hall

Sales Exhibition of Student's Hand-Made Items - Report

The Entrepreneurship Development Cell along with the IIC and Skill Enhancement Committee organized "Exhibition cum sales mela" on 28th September, 2019 in the Multipurpose Hall. The first-year students exhibited their talents through their handmade crafts, paintings, foods, etc., which were the outcome of the Skill Enhancement Course they learned. The students exposed their entrepreneurial and marketing skills by selling the greens, vegetables and fruits, which they harvested through organic gardening.

No. of Beneficiaries: 35

Total amount invested by students: Rs. 17,530

Profit gained by students: Rs. 9238



Activity: MIC-driven

Participation in One day workshop on Funding opportunities on Innovation and Entrepreneurship development

Date: 09.11.2019

Name of the particpant: Dr. A. Shyla Suganthi



II QUARTERLY

Details of II IIC meeting (21.12.2019)

INSTITUTION INNOVATION COUNCIL (IIC)

IIC code: IC201810157

HOLY CROSS COLLEGE (Autonomous)
NAGERCOIL

Second IIC Council Meeting

Date: 21.12.2019

Agenda of the Second IIC Meeting

- 1. Resolution of formation of council in new format
- 2. Discussion on the conduct of activities related to First Quarterly Action plan.
- Discussion on Second Quarterly Action plan: development and progress monitoring

4. Minutes of meeting

Shuke

(& PAKYA LOKSHIMS)

The Resolution of the First IIC meeting reframed as per the guidelines of MIC

Phone: 04652 - 261473 Fax: 04652 - 260704



HOLY CROSS COLLEGE

(AUTONOMOUS)

(Re-Accredited with 'A^t' Grade (CGPA3.35) by NAAC) Nagercoil - 629 004. Kanyakumari Dt., Tamilnadu

> E- Mail: holycrossngc@yahoo.com website:www.holycrossngl.edu.in

The First council meeting of Institution's Innovation Council (IIC), Holy Cross College (Autonomous), Nagercoil was called by IIC President Dr. A. Shyla Suganthi to discuss upon the formulation and function of IIC & shared roles and responsibility among newly joined council members as per the guidelines of MHRD's Innovation cell.

The council members met and discussed about the objective of IIC, type of activities (IIC calendar and Self-Driven), features of IIC portal for monthly report submission mechanism. The council members also discussed about collaborations with organizations to accelerate the activities of IIC. The council also deliberated on quarterly action plan in synchronization with activities and initiatives of other departments, centres and facilities in the Institute working towards promoting IPR, Innovation and Start up.

The council unanimously decided to carry out all the IIC activities in regular basis throughout the year and meet regularly in beginning of every quarter to review the progress made in previous quarter and also to plan for upcoming quarter. The council has agreed to convene next meeting on 27.09.2019

Date: 27.09.2019

Place: Nagercoil

Signature & Seal

Sr. Ame Perpetsopoly (IIC President or HOI)

(AUTONOMOUS)
Nagerceil - 629 004.

Constitution of HC council

1. Institution representation

Head of the Institution

President of IIC

Vice-President

Convener

Innovation activity Coordinator

Start-up activity coordinator

Internship Coordinator

IPR activity coordinator

Social Media Coordinator

ARIIA coordinator

NIRF coordinator

Members

FOA: Dr. Sr. Anne Perpet Sophy Se. B.

: Dr. A. Shyla Suganthi

: Dr. Sheeba Daniel

: Ms. P. Aji Udaya ?

: Dr. I. Jalaja Kumari

: Ms. A. Sammema

: Dr. Krishna Pirya

: Dr. C. Braba

: Ms. J. Divya Mary Malar

: Dr. S. Sujitha

: Dr. II. Jimsy Asha

: Dr. C. Jenila

: Dr. J. Celin Papa Rani

2. Expert representation

IP Expert/Patent Expert

Alumni Entrepreneur

Expert from nearby industry

Investor

Incubation Centre

: Dr. K.P. Vinodh Kumar

: Ms. S. Pakyalakshmi & Bas

: Dr. Arul Jerald Prakash

: Mrs. A. Swarnalatha

: Dr. Bhagavatheeswaran

3. Student Representation

Innovation activity Coordinator

Start-up activity coordinator

Internship Coordinator

IPR activity coordinator

Social Media Coordinator

: Ms. Ancilin Briji, M.P.

: Ms. Vijayakumari ()

: Ms. Jinilin Jeya, H.U

: Ms. Raveena, S. S. Power

: Ms. Ransom Blessena, E. for Athus

II Quarterly Action Plan

IIC calendar activities

- > Upload second action plan of the council with minutes of meeting.
- > Engage students for internship at innovation and start up

MIC driven activities

- > NEAT Logo competition
- Idea submission on smart India Hackathon 2020

Self-driven activities

- Two days workshop on IPR.
- Field/exposure visit to industry.
- Orientation talks on Smart India Hackathon/ideation/innovation.

thus.

(& PAKYA LAKSHIMT)

Date: 21.12.2019

INSTITUTION INNOVATION COUNCIL (IIC)

IIC code: IC201810157

HOLY CROSS COLLEGE (Autonomous) NAGERCOIL

Second IIC Council Meeting

Date: 21.12.2019

Minutes of the Second IIC Meeting

The second IIC meeting for the academic year 2019-2020 was held on 21.12.2019 in Cecile Hall at 11: 40 a.m.

Following are the members, who participated for the second IIC meeting:

Dr. K.P. Vinodh Kumar, the IPR expert, Ms. Packia Lakshmi the alumna entrepreneur, President Dr. A. Shyla Suganthi, Vice-Present Dr. Sheeba Daniel, Convener Mrs. Aji Udaya and coordinators of various activities, student coordinators and student members.

The meeting began with prayer followed by welcome address by Dr. A. Shyla Suganthi.

The Convener of IIC, Dr. Aji Udaya read the Agenda of the meeting.

Following is the agenda of the Second IIC meeting:

- Resolution of formation of council in new format
- 2. Discussion on Second Quarterly Action plan: development and progress monitoring
- 3. Minutes of meeting

The Vice-President Dr. Sheeba Daniel conveyed and discussed about the IIC-, MICand self-driven activities to be carried out during the second quarterly action plan. The council decided to carry out the following activities:

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(S. PAKYA LANGHMS)

- Upload second action plan of the council with minutes of meeting.
- Engage students for internship at innovation and start up

MIC driven activities

- NEAT Logo competition
- Idea submission on smart India Hackathon 2020

Self-driven activities

- Two days workshop on IPR.
- Field/exposure visit to industry.
- Orientation talks on Smart India Hackathon/ideation/innovation.

The session was interactive as many of the students clarified their doubts and they had come with few ideas.

The meeting came to an end with vote of thanks by Dr. Shyla Suganthi followed by National Anthem.

1. Institution representation

: Dr. A. Shyla Suganthi President

: Dr. Sheeba Daniel Vice-President

: Ms. P. Aji Udaya Convener

Innovation activity Coordinator : Dr. I. Jalaja Kumari

Start-up activity Coordinator : Ms. A. Sammema

Internship Coordinator : Dr. Krishna Pirya

IPR activity Coordinator : Dr. C. Braba C. Q

: Ms. J. Divya Merry Malar -Social Media Coordinator

ARIIA Coordinator : Dr. S. Sujitha

NIRF Coordinator : Dr. H. Jimsy Asha

Members : Dr. C. Jenila

: Dr. J. Celin Papa Rani

2. Expert representation

IPR expert

: Dr. K.P. Vinodil Kumar Alumni Entrepreneur

3. Student Members

SI. No.		Coordinator/Member	Signature
1.	R. Nithusha	Homber	R. Ni Hisha
d	J. AMALA SHANYA VICTO	MEMBER	J. Shanya
3	A SHATIBHA	MEMBER	Majith
4	Tiplin Jeya H.U	Cobrdinator	9140
5	NAFLA NAZEER	MEMBER	Naste
6	A. Payal	MEMBER	Parjos .
7	PRIVEENA. N	MEMBER	Designin 40
8	AARIM C ASHNI	MEMBER	defe.
9	K Rashika	MEMBER	n Roshutia
10	K. Monishka	MEMBER	K. Ullorialta
11	H. Felčia	MEMBER	H. Felan
12	Leena Gaju	HEMBER	Landy
13	MIMI JHARSHANA R.	MEMBER	Mim. R
14.	J. SHANU JOANS	MEMBER	Share
15	P. SHERENA	MEMBE K	Show.
16 .	J. Mistika Smori	MEMBLER.	Smort
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18.	S. Allicha Harbana	Member	Saruhanya. T
29.	AFTLA TOOHT	MEMBER	Ayre
20-	M. Amuna Watherna	MEMBER.	8,00
	M.J. Howwa Athiya	Member.	Propos
32.	8. Lisa	Member	ATNYS .
	Annie	Member	8,100
3 4.	Amritha	Member	- 4
4.	Ansidio Broji Mip	coordinator	Comnith
		T. SILVATOT	3-04-43

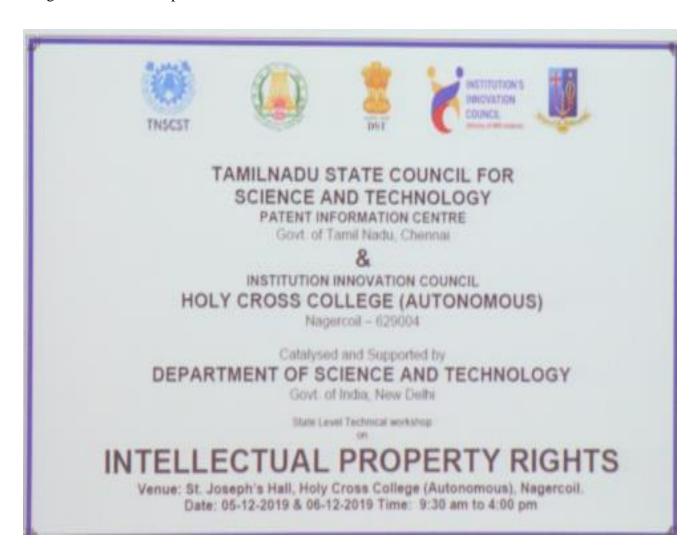
1. Type of activity: MIC driven

Two days' State Level Technical Workshop on Intellectual Property Rights

Date: 04.12.2019 and 05.12.2019

Two days' Workshop on IPR was organized in collaboration with Tamil Nadu Patent Centre, Govt. of Tamil Nadu with 4 sessions on each day. Eminent personalities from Tamil Nadu Patent Office and Mt. Theresa University enlightened the importance of innovation and patent, filing for patent, copyrights etc. Apart from that innovators from Kanyakumari also shared their experience. 40 participants from various Institution participated and benefitted.

IIC greatly acknowledge Tamil Nadu State Council for Science and Technology (INSCST) for providing to organize the workshop.









Type of activity: ICC-driven

Title: IIC Innovation Ambassador Training Series. 6-7 January 2020

Date: 6-7.01.2020

Dr. Sheeba Daniel, Dr. Aji Udaya, Dr. Braba and Dr, Sameema participated in the Innovation Ambassador training held at Coimbatore. Following are the ambassadors and their and their programme:

Dr. Sheeba Daniel - Design thinking & Innovations.

Dr. C. Braba - IPR & Technology Transfer

Dr. A. Sameema - Pre- Incubations & Incubation Management

Ms. P. Aji Udhaya - Entrepreneurship Development P



Type of activity: MIC driven activity

Orientation - Smart India Hackathon 2020

Date: 13.01.2020

The IIC Vice-president Dr Sheeba Daniel gave an orientation on Smart India Hackathon to the IIC students on 13th January 2020. She explained in detail about the purpose and the objectives of SIH. Further she gave an insight on SIH 2020 and the procedure for applying SIH 2020. 50 students and 6 faculty members were participated in the orientation programme.





INNOVATION COUNCIL

by
Dr. Sheeba Daniel
Vice-President of IIC

on 13th January 2020



Phone: 04652 - 261473 Fax: 04652 - 260704



HOLY CROSS COLLEGE

(AUTONOMOUS)

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Nagercoil - 629 004.
Kanyakumari Dt., Tamilnadu

E- Mail: holycrossngc@yahoo.com website:www.holycrossngl.edu.in

Date: 12/01/2020

To: Whom so it May Concern

Sub: Smart India Hackathon 2020 - Appointment of College SPOC

This is to inform that the following faculty member from our institute has been appointed as College Single Point of Contact (College SPOC) for Smart India Hackathon 2020.

Name of Official

Dr. Sheeba Daniel

Designation

Assistant Professor

Mobile no

9442402602

Email id

sheebadaniel@holycrossngl.edu.in

We understand that, the SPOC will be:

:

- Single Point of Contact to reach out to regarding any SIH2020 related communication to the institute/ student teams from SIH organizers.
- SPOC will be responsible for nominating top 7 teams (5 teams for Software Edition and 2 teams for Hardware Edition) from our institute.

Sincerely,

Dr. Sr. Anne Perpet Sophy

PRINCIPAL

Holy Cross College (AUTONOMOUS)

Nagercoll - 629 004.

Activity: MIC activity Date: 25.01.2020

Idea Submission: I. Amaria Bonsi Navis

Communication

Ministry/ Organization name : MIC

Problem Statement : Student Innovation
Team Name : Brilliant Minds

Team Leader Name : I. Amaria Bonsi Navis

College Code : C-41177

Communication

Description: Scientists and Engineers face many problems during the installation of optical fibres underground. Hence in order to solve the problem, IR sensor or peizo sensors can be installed on the fibre which will create an alarming sound when a hard object approaches it by bringing change in the temperature or when a minute pressure change occurs around it.





Idea / Approach details



Phone: 04652 - 261473 Fax: 04652 - 260704



HOLY CROSS COLLEGE

(AUTONOMOUS)

(Re-Accredited with 'A" Grade (CGPA3.35) by NAAC)
Nagercoil - 629 004.
Kanyakumari Dt., Tamilnadu

E- Mail: holycrossngc@yahoo.com website:www.holycrossngl.edu.in

Date: 25/January/2020

Sub: Smart India Hackathon 2020 - Nomination

I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2020. AISHE Code is C-41177.

Team: Brilliant Minds

	Name	Gender	E-mail Id	Mobile No
Team Leader	Amaria Bonsi Navis. I	Female	amariabonsi@gmail.com	887002214
Team Member	Priya. R	Female	rajamanimallika1247@gmail.com	9789138283
Team Member	Merisha. M	Female	mmerisha02@gmail.com	9486343697
Team Member	Jessy Mujithra. K	Female	jessymuji02@gmail.com	8870423514
Team Member	Angel Chandrika. J	Female	yatfaangel21@gmail.com	8438434775
Team Member	Ansiya Sherin. A	Female	ansiyasherin99@gmail.com	9965485447

Sincerely,

Sr. Anne Perpet Sophy

Holy Cross College (AUTONOMOUS) Nagercol - 629 904.



Activity: MIC activity Date: 25.01.2020

Idea Submission: Abitha, M

BINARY CONSERVATION

Ministry/ Organization name: MIC

Problem Statement : Sustainable Environment

Team Name : CRAZY MINDS
Team Leader Name : ABITHA. M
College Code : C-41177

Binary Conservation

To overcome the shortage of electricity during the time of heavy rainfall, flood, cyclone etc., using the rainwater. Our aim is to save the rainwater in the underground storage tank and to generate power from it. The rainwater that falls on the roof is collected through a pipe and is allowed to fall on a turbine. The turbine is combined with a generator using a shaft or a belt. When the water falls on the turbine, the turbine rotates which make the blade to rotate. The turbine converts the high pressure energy to mechanical energy. The generator converts the mechanical energy to electrical energy. In this way power can be generated. The water that falls on the turbine is collected through a pipe and saved underground and the level of the water is indicated using a water level indicator. On accordance to the level of water present in the underground, the water can be used for our domestic purpose.

Binary Conservation

Nowadays in India once in a year we are facing cyclones or floods or heavy rainfall. During these times there will be lack of electricity. By using this method we can able to overcome the electricity shortage.

The saved rain water in the underground tank can be used for domestic purposes in future especially in summer season which is dry because of water scarcity caused by lack of rainfall.



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E- Mail : holycrossngc@yahoo.com website:www.holycrossngl.edu.in

Date: 25/January/2020

Sub: Smart India Hackathon 2020 - Nomination

I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2020. AISHE Code is C-41177.

Team: Crazy Minds

	Name	Gender	E-mail Id	Mobile No
Team Leader	Abitha. M	Female	abithamurugesan25@gmail.com	9384732544
Team Member	Aalfrin Milsha. A	Female	aalfrinjose@gmail.com	9655051542
Team Member	Aarthi, J.S	Female	aarthi1162001@gmail.com	9443868915
Team Member	Amritha. C	Female	amritha9486@gmail.com	9486866305
Team Member	Ashini Brejith. P	Female	ashinibrigid@gmail.com	8903705742
Team Member	Shimona, N	Female	shimonasharon@gmail.com	9790323027

Sincerely,

S. Ame People's ophy Dr. Sr. Anne Perpet Sophy

PRINCIPAL Holy Cross College (AUTONOMOUS) Magercel - 629 004.



Activity: MIC activity Date: 25.01.2020

Idea Submission: Jinlin Jeya

Biogas from rubber latex

Ministry/ Organization name : MIC

Problem Statement : Sustainable environment

Team Name : Top Notch Team Leader Name : Jinlin Jeya H.U

College Code : C-41177

Biogas from rubber latex

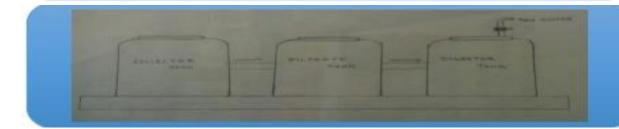
In order to avoid the environmental issues and to convert the waste water of rubber latex into useful gas, 'BIOGAS FROM RUBBER LATEX' method has been used.

- First, the waste water obtained as a result of rubber sheets making process is collected in the first tank which is the collector tank.
- Next ,to the collector tank is the filter which is sandwiched between the collector and filtrate tank .
- This filter filters the waste and sends the filtered water into the filtrate tank.
- This filtrate tank then allows the filtered water into the digestor tank where actually the anaerobic digestion take place.
- In the end of the digestor tank will be a outlet pipe which pass the produced biogas for domestic purposes.
- After sufficient period of digestion for about 30 days the tank will release the produced biogas through the outlet pipe.

Biogas from rubber latex

Biogas produced can be used as an energy source for cooking and lighting.

Biogas if produced in large quantity, it can be used in gas turbines and fuel cells to produce electricity.







HOLY CROSS COLLEGE

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E- Mail: holycrossngc@yahoo.com website:www.holycrossngl.edu.in

Date: 25/January/2020

Sub: Smart India Hackathon 2020 - Nomination

I am pleased to nominate the below team from our college to participate in Smart India. Hackathon 2020. AISHE Code is C-41177.

Team: Top Notch

	Name	Gender	E-mail Id	Mobile No
Team Leader	Jinlin Jeya. H.U	Female	zerah2k1@gmail.com	7449217175
Team Member	Jernisha Mary. V	Female	jemisha146@gmail.com	7530067656
Team Member	Jini. J.M	Female	jini24701@gmail.com	9444239144
Team Member	Asnia. M	Female	asniam2000@gmail.com	9442008496
Team Member	Jaslin.J.	Female	januj0409@gmail.com	9585514656
Team Member	Brighty Regansha. A	Female	reganshabrinsha@gmail.com	6380947548

Sincerely,

Sr. Anne Perpet Sophy

Holy Cross College (AUTONOMOUS)



Type of activity: IIC-driven activity

Title: Industrial visit

Date: 28.02.2020

Twenty-three students (IIC members) along with 2 faculty visited Kurian Company Pvt. Ltd, Tholavilai, Nagercoil. It's a latex company run by women. The workers of the industry explained about making gloves, usage and packing methods. They explained the purpose of wearing gloves and the types of gloves used for different purposes. They get an opportunity to interact with the workers socially. The visit was helpful to develop and enhance the knowledge entrepreneurship among students





Type of activity: Self-driven activity

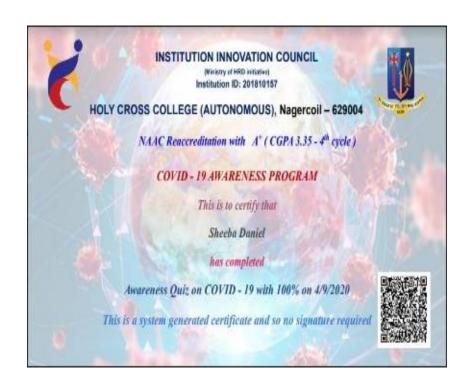
Title: Awareness Quiz on COVID - 19

Date: 09-04-2020

An Awareness Quiz on COVID – 19 in English and Tamil languages has been organized for the Faculty, Research Scholars and the Students. E-certificates were awarded to the participants who secured more than 30%. 3822 participants actively attended the Quiz and received their E-certificate. English:

https://forms.gle/PnPmMS7MuxdzBPDLA

https://forms.gle/ygFf9dawfGZqNkmF8



Type of activity: MIC driven Activities

Online programme: Leadership talk series

IIC President and members of IIC participated in the online leadership talk series organized by MIC, MHRD on different days.

Date 11.04.2020 Date 18.04.2020

Resource Person: Dr. Abishek Singh Resource Person: Dr. K.K. Agarwal





Date: 13.04.2020

Resource Person: Dr. V.R. Saraswat



Date 14.04.2020
Resource Person" Dr. Anand Deshpande



Type of activity: MIC driven

E-Quiz on "National Technology Day"

Date: 11-05-2020

In view of, India's successful test of nuclear bombs in Pokhran on 11 May 1998. "National Technology Day" is celebrated every year throughout our Country. On 11/05/2020 Institution Innovation council organized an e-Quiz for the Faculty, Research Scholars and the Students.

E-certificates were awarded to the participants who secured more than 50%. 161 participants attended the quiz and received the E-certificate.

Link: https://forms.gle/ca8CtvffybjUK7nV6



Type of activity: Self- driven activity

Faculty Development programme

Date: 12th May to 16th May, 2020

Title: "Channelizing Innovation and Entrepreneurship through ICT Tools"

Inauguration & Felicitation: Dr. Anne Perpet Sophy, Principal

Organizers: Dr. A. Shyla Suganthi and Ms. Divya J Mary Malar

Registration Link: https://forms.gle/qJtvsJNA5QxZChYY9



12th May 2020: Resource person: Dr. Shyla Suganthi, IIC President



Dr. Suganthi outlined the role and objectives of MHRD in instituting IIC and how different online platforms could be utilized to meet the students and make them to engage in various activities. She explained how to organize meeting through Google meet.

13th May 2020: Resource person: Ms. P. Aji Udhaya, Convener, IIC



Ms. Aji Udaya trained the participants how to create google forms and generate e- Certificate automatically through Certify'em. She also gave an idea few Add-ons like email notification for forms and timify me of google forms that help to provide security to the google forms.

14th may 2020: Resource person: Dr. Sheeba Daniel, Vice-President, IIC





Dr. Sheeba Daniel trained the participants on Google Classroom.

She focussed on the conduct on quizzes and evaluation using Google Classroom

15th May 2020: Resource person: Dr. Sr. Sahaya Selvi, Asst. Professor in Commerce



Sr. Selvi enlightened the audience on the concept of inventions and innovations in order that the faculty can train their students to become successful entrepreneurs. She also gave tips to groom ourselves a smart person by growing within the attitude of lateral thinking. She shared the success stories of number of entrepreneurs.

15th May 2020: **Resource person: Dr. R. Krishna Priya.**



Dr. Krishnapriya entrusted on the importance of industrial visit and internship. She focused on the different agencies, both Government and non-Government which supports the students to avail internships.

Type of activity: Self-driven

Title: ICT Webinar – Power Series

Date: 11-06-2020

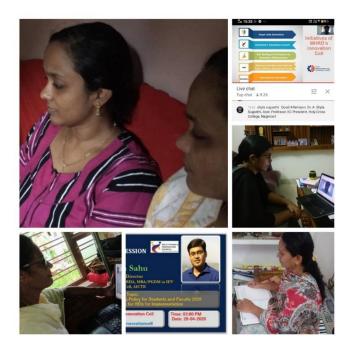
IIC in collaboration with ICT Academy, Skycampus and Power Seminar organized a webinar on Employability skills for the future. Nearly 167 students have participated. Mr/ Daniel Jacob, Vice Prsident-HR of EC group International was the Resource person.



Type of activity: MIC-driven

Title: "National innovation and start-up policy for students and faculty 2019 - a guiding framework for HEIS for implementation"

Session – 1: Date: 28.04.2020

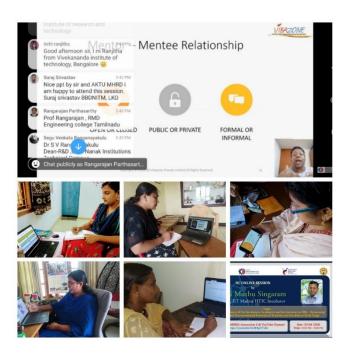


Title: National Innovation and start-up policy for students and faculty -2019.

Speaker: Shri. Dipan Babu, Assistant Innovation Director, MIC.

No. of participants: students 3; faculty 5

Session – 2: Date: 29.04.2020



Title: Hangout with emerging innovator & entrepreneurs supported through MIC & AICTE

Speaker: Shri. Muthusingharam, CEO, IIT madras HTIC Incubator

No. of participants: students 4;

faculty 5

Session – 3: Date: 30.04.2020



Title: Hangout with emerging innovator & entrepreneurs supported through MIC & AICTE

Speaker: Ms. Vandana Thakur, female Innovator cum entrepreneur, Canada India& Mr. Amit Sanjay Lokhandae, Innovator cum entrepreneur India-South Korea Start-up exchange programme

No. of participants: students5; faculty 7

Session -4: Date:01.05.2020



Title: Role of network enablers in driving I & E in HEIs – A case of TiE, India

Speaker: Ms. Geetika Dayal, Executive Director, TiE Delhi -NCR

No. of participants: students 5; faculty 7

Session – 5: Date:02.05.2020



Title: Hangout with successful start-up foundaer

Speaker: Dr. Panakaj Pararsar, CEO, Founder Cuttingedge technology, Pvt. Ltd., Indore

No. of participants: students 5; faculty 7

Session – 6: Date:05.05.2020



Title: Hangout with successful start-up founder

Speaker: Dr. Panakaj Pararsar, CEO, Founder Cuttingedge technology, Pvt. Ltd., Indore

No. of participants: students 5; faculty 5

Session -8: Date: 07.05.2020



Title: Intellectual Property (IP) Management at early stage of innovation and start-ups

Speaker: Dr. Sanjeeva Kumar Mujumdar, Manager, IPR, start-up & incubation, National Development Corporation (NRDC)

No. of participants: students 5; faculty 7

The Faculty and the Students of Holy Cross collage, Nagercoil, attended the MHRD.online session 8: "Intellectual property Management at Early stage of Innovation and start-ups" on 07.05.2020

Session – 9: Date:08.05.2020



Title: Understanding Angel and Venturer Capital Funding, what is there for early-stage innovator & Entrepreneurs?

Speaker: Mr. Sushant Mitra, Founder & CEO, Lead Angeks Pvt. Ltd.

No. of participants: students 7; faculty 7

Session – 10: Date:12.05.2020



Title: Legal and ethical stepsproductive entrepreneurship and start-up

Speaker: Mr. Harit Mohan, Founder & CEO, Significant LLP

No. of participants: students 5; faculty 7

The Students of Holy Cross College, Nagercoil, attended the MHRD online session 10: "Legal and Ethical steps: Productive Entrepreneurship start up"on 12.05.2020.

Session – 11: Date:13.05.2020



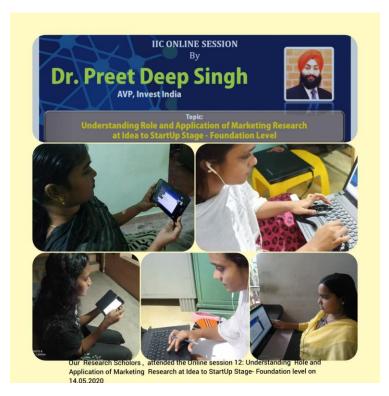
The Staff and the Students of Holy Cross College, Nagercoil, attended the Online Session 11:Innovating Self-screen and Identify right opportunities on 13.05.2020

Title: Innovative self-scree and identify right opportunities

Speaker: Prof. Sanjay Inamdar, Entrepreneur and founder of Flucon, MIT, Harvard, AICTE Start-up policy implementation committee.

No. of participants: students 5; faculty 7

Session – 12: Date: 14.05.2020



Title: Understanding role and applicatiom of Marketing Research at Idea start-up stage – foundation level.

Speaker: Dr. Preet Deep Singh, AVP, Invest India.

No. of participants: students 6; faculty 7

Session – 15: Date: 20.05.2020



The Students and Staff of Holy Cross College, Nagercoil, attended the MHRD online Session 15: Use of Market Data and Application of Marketing Research Tools and Methodology on 21.05.2020 **Title:** Use of market data and application of market research tool& methodology – increasing chances of survivality of Innovation and venture advance level.

Speaker: Preet Deep Singh

No. of participants: students 5;

faculty 7