#### **COLLABORATIVE INITIATIVES**

#### **Department of Mathematics**

MOU : Aditya Academy

**Activity** : Value Added Course

Date : 27-12-2022 to 03-01-2023

Beneficiaries : 68



## Aditya Maths Academy

EAST STREET, GANESAPURAM, NAGERCOIL - 1.

In Collaboration with

## Department Of Mathematics Holy Cross College (Autonomous)

Nagercoil - 4

VALUE ADDED COURSE ON TRAINING FOR "TNPSC AND OTHER GOVERNMENT EXAMINATIONS"

27-12-2022 To 03-01-2023 Time : 10.00 am to 3.00 pm Total Duration 30 Hours



#### About our Academy

It is situated near Anna bus stand with good facilities and a safe place for the students

#### Course Features :

This programme is to motivate the skills of the students to prepare for competitive exam

At the end of the course exam will be conducted and Certificates will be issued to the students.

Director

HOD



#### **Department of Mathematics**

MOU : ECC ACADEMY

**Activity** : Value Added Course

Date : 27-12-2022 to 03-01-2023

Beneficiaries : 46



#### ECC ACADEMY,

Near Registrar's Office, S.L.B. South Road,

Nagercoil-1.

In collaboration with

Department of Mathematics Holycross college(Autonomous),

Nagercoil-4

offers

VALUE ADDED COURSE ON

"QUICK ARITHMETIC FOR COMPETITIVE EXAMS" 27.12.2022 to 03.01.2023 Time:10.00am to 3.00pm

Total Duration: 30 Hours

Venue : ECC Academy Premises (27-12-2022 to 30-12-2022) Holy Cross College(Autonomous) (2-1-2023 & 3-1-2023)



#### ABOUT ECC ACADEMY:

This Academy has been functioning since 2006. More than 3000 students have passed Central Government examinations such as Railway, Bank exams, SSC and State Government examinations like TNPSC, Group II and Group IV. It is situated in the heart of the town with good infrastructure facilities and the students find it a safe place of easy access. Course Features

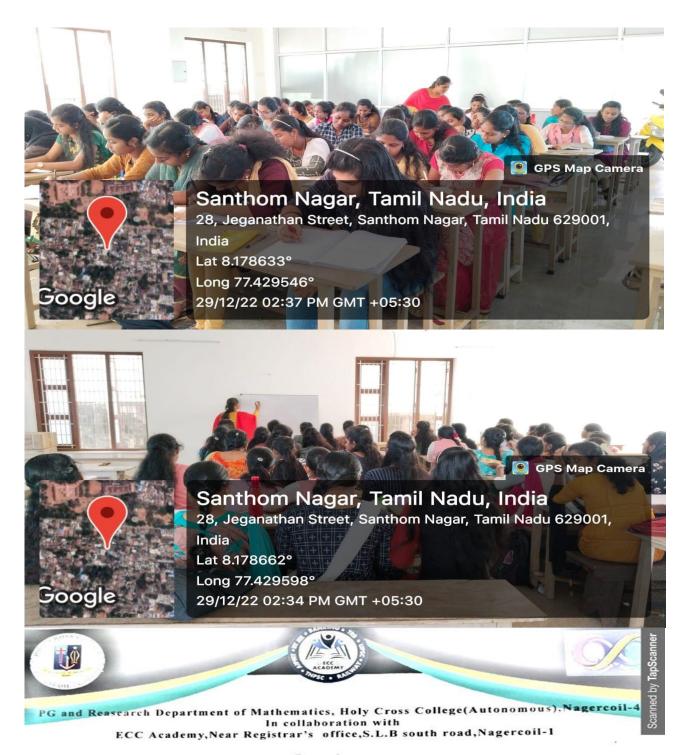
This program is to promote the employability skills of the students by providing training to face competitive examinations.

#### Certification

Course Fee: Rs 200/-

At the end of the course, exam will be conducted and hard copies of the certificates will be issued to the students.

Patron Dr.Sr.Mary Hilda Secretary Chairperson Dr.Sr.Sahaya Selvi Principal Convenor
Dr.T.Sheeba Helen
HOD Mathematics



#### Certificate

This is to certify that Selvi-Caxelia. Johns. U.S......of I. B.Sc Mathematics has successfully completed the 30 hours Value Added Course on 'QUICK ARITHMETIC FOR COMPETITIVE EXAMINATIONS' conducted by ECC Academy and PG & Research Department of Mathematics,

Holy Cross College, Nagercoil from 27-12-2022 to 03-01-2023

Anandha Boopathy
Director

Dr.T.Sheeba Helen
Head of the Department
Department of Mathematic
Wely Cross College
MANUSCOIL

#### **Department of Mathematics**

MOU : Sacred Heart College (Autonomous), Tirupattur

Activity : International Conference on Trends and Perspectives in Mathematics and Applied

**Mathematics** 

Date : 24-01-2023 and 25-01-2023

Beneficiaries : 255

#### **INVITED SPEAKERS**

#### 1. Prof. T. Tamizh Chelvam

CSIR Emeritus Scientist
Department of Mathematics

Manonmaniam Sundaranar University

Tirunelveli - 627 012.

#### Topic: Graphs from Groups - Recent Trends

#### 2. Rev. Dr. Joseph Varghese

Professor of Mathematics School of Sciences

Central Campus Christ (Deemed to be University)

Bangalore - 560 029.

Topic: New Fuzzy Multi Criteria Decision Making

Models

#### 3. Dr. G. Britto Antony Xavier

Associate Professor of Mathematics Sacred Heart College (Autonomous) Tirupattur – 635 601.

Topic: Cayley Graphs of Groups Generated by

**Higher order Derivatives** 

#### 4. Dr. S. Priyan

Assistant Professor of Mathematics AMITY University Tashkent Uzbekistan.

Topic: Mathematical Optimization for Recycling Industries

#### ORGANIZING BOARD

#### Patron

Dr. Sr. Mary Hilda

Secretary, Holy Cross College(Autonomus), Nagercoil.

#### Chairperson

Dr. Sr. Sahayaselvi

Principal, Holy Cross College(Autonomous), Nagercoil.

#### Convenor

#### Dr.T.Sheeba Helen

Head and Assistant Professor of Mathematics Holy Cross College (Autonomous), Nagercoil.

#### **Advisory Committee**

Dr.A.George Maria Selvam

Head and Associate Professor of Mathematics Sacred Heart College (Autonomous), Tirupattur.

Dr. G. Britto Antony Xavier

Editor in Chief, Journal of Computational Mathematica

Associate Professor of Mathematics

Sacred Heart College (Autonomous), Tirupattur.

#### **Organizing Secretaries**

Dr. M. K. Angel Jebitha

Assistant Professor of Mathematics

Holy Cross College(Autonomous), Nagercoil.

Dr. S. Sujitha

Assistant Professor of Mathematics

Holy Cross College(Autonomous), Nagercoil.

#### **Board Members**

PG and Research Department of Mathematics

Holy Cross College(Autonomous), Nagercoil

Dr.V.Sujin Flower, Assistant Professor of Mathematics

Dr. J.Befija Minnie, Assistant Professor of Mathematics

Sr. S.Antin Mary, Assistant Professor of Mathematics

Dr. L.Jesmalar, Assistant Professor of Mathematics

Dr. A.Jancy Vini, Assistant Professor of Mathematics

Ms. J.C. Mahizha, Assistant Professor of Mathematics

Dr. K.Jeya Daisy, Assistant Professor of Mathematics

Dr. A.Anat Jaslin Jini, Assistant Professor of Mathematics

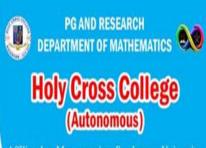
#### For Further details Contact

1. Dr. M. K. Angel Jebitha - 9788738202

ictpmam2023@gmail.com

2. Dr. S. Sujitha - 9486289412

ictpmam2023@gmail.com



Affiliated to Manonmaniam Sundaranar University
Nationally Accredited with A+ Grade
(CGPA 3.35) by NAAC (4th Cycle)
Nagercoil-629004, Kanyakumari District
Tamilnadu, India.

#### in collaboration with

## DEPARTMENT OF MATHEMATICS Sacred Heart College

(Autonomous)

Tirupattur District - 635601

Tamilnadu, India

Organizes an

International Conference on "Trends and Perspectives in Mathematics and Applied Mathematics"

on 24th and 25th January 2023

Venue: Multipurpose Hall

Holy Cross College(Autonomous)





#### International Conference on

#### "TRENDS & PERSPECTIVES IN MATHEMATICS AND APPLIED MATHEMATICS"

#### An activity under MoU

: 24th January, 2023 & 9.00 am - 3.15 pm Date & Time

1. Resource Person : Dr. G. Britto Antony Xavier, Associate Professor of Mathematics,

Sacred Heart College (Autonomous), Tirupattur - 635601.

: Cayley Graphs of Groups Generated by Higher-order Derivatives Title

Mode Offline - Multi Purpose Hall, Holy Cross College(Autonomous),

2. Resource Person: Dr. S. Priyan, Assistant Professor of Mathematics,

AMITY University Tashkent, Uzbekistan.

: Optimization for Healthcare Industries During the COVID-19 Pandemic Title

: Online Mode

The conference started with an Inauguration and Release of Mathematics Newsletter by Dr. Sr. S. Sahaya Selvi, Principal, Holy Cross College (Autonomous), Nagercoil-629004. Dr. Sr. Selvi felicitate the gathering and introduced the resource person Dr. G. Britto Antony Xavier, Associate Professor of Mathematics, Sacred Heart College (Autonomous), Tirupattur- 635601 for the International Conference. Alnog with it, Dr. Sr. M. Mary Hilda, Secretary, Holy Cross College (Autonomous), Nagercoil-629004 presented an eco-friendly plant to Dr. Britto as a token of appreciation. Then Rev. Dr. John Borg, COE and Assistant Professor of Mathematics, Sacred Heart College (Autonomous), Tirupattur - 635 601 addressed the gathering about the importance of the conference and motivates the young generation towards research through his impactful presentation. After signing the MoU with Holy Cross College (Autonomous), Nagercoil-629004 the first session started.

Dr. Britto started the session with the brief introduction on his topic and how this idea generated and the journey of this work. He keeps the audience attention by his unique way of orating the mathematical concepts. He interacted with the scholars and students and clarified their doubts in an easy way of understanding.

After a lunch break, the audience was gathered in Seminar Hall, Holy Cross College (Autonomous), Nagercoil-629004 for the online session by Dr. S. Priyan, Assistant Professor of Mathematics, AMITY University Tashkent, Uzbekistan. He introduced the application of mathematical models in real world by his presentation and the concepts of Optimization for Healthcare Industries During the COVID-19 Pandemic.

Then the Paper Presentation Session started. Rev. Dr. T. Sathinathan, Assistant Professor of Mathematics Sacred Heart College (Autonomous), Tirupattur - 635 601 was the chairperson for One set of Paper Presentation and Dr. J. John Arul Singh, Assistant Professor of Mathematics, Noorul Islam Centre for Higher Education, Thuckalay-629 180 was the Chairperson for another set of presentations. With this, Day one programme comes to end.







#### INTERNATIONAL CONFERENCE

on TRENDS AND PERSPECTIVES IN MATHEMATICS AND APPLIED MATHEMATICS (ICTPMAM 2023)



This is to certify that Pr./Mr. KALAVANI R. Research Scholar. Women's Christian College (Autonomous) Nagercoil Mathematics. Sacred Heart College (Autonomous). Tirupattur held on 24th and

Chairperson Dr. Sr. Sahayaselvi

25" January. 2023 at Holy Cross College (Autonomous). Nagercoll. Dujin Secretaries Secretaries Dr. S. Sujitha & Dr. M.K. Angel Jebitha

Convener Dr. T. Sheeba Helen





#### **Department of Physics**

MOU : Spenser & Co, Vetturnimadam, Nagercoil

**Activity** : Value Added Courses

Date : 26-05-2023 to 31-05-2023

Beneficiaries : 59

31.05.2023

REGISTRATION FEES: RS .500

TIME:9.00 A.M TO 3.15 A.M



Accredited with A+ Grade (CGPA 3.35) by NAAC

#### **DEPARTMENT OF PHYSICS**

Organizes Value Added Courses

DATE: 26.05.2023 House Wiring (VAP205)

Mobile Phone Service (VAP207)

Utilization of Solar Energy (VAP208)

Wind Mill Technology (VAP210)

In collaboration with Spenser & Co.

Secretary: Dr. Sr. Mary Hilda Principal: Dr. Sr. Sahayaselvi

Head of the Department: Dr. C. Nirmala Louis













#### **Department of Physics**

MOU : Jayam Computers, Nithiravillai

**Activity** : Value Added Course

Date : 26-05-2023 to 31-05-2023

Beneficiaries : 75

Title of the Programme : VAC- Computer Hardware Training, Computer

Maintenance, Image Processing, Web Designing

Date : 26.05.2023 to 31.05.2023

Time : 9 am to 3.15 pm

Organised by : Department of Physics

Theme/Objective : To gain the knowledge in computer hardwares,

maintenance of computer, image processing and designing

the website.

Resource Persons : Mrs. Jeya Sheeba, Jayam Computers, Nithiravillai,

Nagercoil

Outcome of the Activity : Students acquired practical knowledge to create codes for

web designing and acquire knowledge on computer

hardwares and its maintenance.

No. of Beneficiaries : 75

Venue : Room No 24, 25

Brochure :

Photo Evidence (Minimum 3 Photoes) :

## HOLY CROSS COLLEGE (AUTONOMOUS) NAGERCOIL-629004

Accredited with A+ Grade (CGPA 3.35) by NAAC

#### **DEPARTMENT OF PHYSICS**

Organizes Value Added Courses

DATE: 26.05.2023

TO

31.05.2023

TIME:9.00 A.M TO 3.15

A.M

REGISTRATION FEES:

RS .500

Computer Hardware Training (VAP203)

Computer Maintenance (VAP204)

Image Processing (VAP206) Web Designing (VAP209)

In collaboration with Jeyam Computers

Secretary: Dr. Sr. Mary Hilda Principal: Dr. Sr. Sahayaselvi

Head of the Department: Dr. C. Nirmala Louis





## **DEPARTMENT OF PHYSICS**

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

Nagercoll-629094



#### In Collaboration with JAYAM COMPUTERS

No.13-100, Kalluvettankuzhi, Nithiravilai, Kanniyakumari-629154



Reg No:2020AUP038

This is to certify that Ms. ABARNA DEVI 5.5 (III B.Sc. Physics) has successfully completed the Value Added Course Computer Handware Training - VAP203 at Holy Cross College (Autonomous), Nagercoil from 26-05-2023 to 31-05-



Marriaght Director Buraging Director

Controller of Examinations







## Holy Cross College (Autonomous), Nagercoil Accredited with A grade (CQPA 3.85) in 4" Cycle by NAAC) Nagercoil-629094, Tamil Nadu, Department of Physics Value Added Course - Attendance List III B.S.c. Physics 2022 - 2023 (Even Semester)



Dat	e: 26.05.2023 to			Sub Code: VAP203 Time: 9.00 am to 3.15 pm							
SI. No.	Register	Name	26.05.2023	27.05.2023	19.05.2023	0.05.2023	1.05.2023				
1	2020AUP038	Abarna Devi S.S	Alama Del	AbanaDer	1200	Almada	7				
2	2020AUP039	Abisha Mary A	16 de Hoy	Michael Mich	High May		Alexander Mar				
3	2020AUP040	Abisha p	dise	Michael	Bile	N. SOOM					
4	2020AUP041	Abisharani V	An	Ne .		edither.	Author				
5	2020AUP042	Adharsha G.S			Nos.	Abe					
6	2020AUP043	Aksha Zen B	delparaha	Adhark	Adent		Sollhon				
7	2020AUP044	AkshalynRamya V	Skyla En		0.0	Shiha E.					
8	2020AUP045	A≱ruthra A.J		were.	delle.	at le Ry	stelly by				
9	2020AUP047	Besmi B	-		Active.	outs.	Autor.				
10	2020AUP048	Blessika J	Borns T. Olemba	Pami	Essery	Been	Beard				
11	2020AUP050	Delbin Grace T		J. Hessike	J. Bless	J. Blesik	5-Glenika				
12	2020AUP051	Dona D.P	Qu.	Car		OH	OFF				
13	2020AUP052	Hency Janet H	- Committee of the last of the		The !		100				
14	2020AUP053	Jasmine J	Hopmat	Hanet	Haust	Must	Thomas				
15	2020AUP054	Jebashini J	guel	fairt	good !	agent	gart.				
16	2020AUP055	Jerphin Remi S	John	Selo	John.		Petro.				
17	2020AUP056	Jiji J.M			genetic g	expires.	fregues				
18	2020AUP057	JishaFrancy J	The !	Tegl	501-		J. 142.				
19	2020AUP058	JonicaStebi M									
20	2020AUP059	Keerthana D.M	Soriea Ventle and		sories -	sovica -	Conica				





Sub: Computer Maintenance Date: 26.05.2023 to 31.05.2023			Sub Code: VAP204 Time: 9.00 am to 3.15 pm						
SI. No.	Register number	Name	26.05.2023	27.05.2023	29.05.2023	30.05.2023	31.05.2023		
1	2020AUP060	Loreena Solomon	Lorens Schn	Lance a Stem	Loran Ston	Lowen Solon	Love Storm		
2	2020AUP061	Mary Asha J	post	HOUSE H	Mrs.	or supple			
3	2020AUP062	Monisha S	Moriela	Monible	Morisha	Monishe	Monish		
4	2020AUP063	Navisha Moni W	Novisho	Navisha	Navisha	Navisha	Navis		
5	2020AUP064	Pooja K	Dieno	paia	Pacia	nate	Dasia		
6	2020AUP065	Preethi R.L	die	Lis	det.	Je &	63		
7	2020AUP066	Rakshana R	Rakshow	Rakshan	Rakshang	Rakshong	Rakshans		
8	2020AUP067	Ranjana S.R	& R Rayon	, o Parfor		e.R.Raja			
9	2020AUP068	SahayaAbisha S	Salara Monta	Balang Pibrala	Short Brits	Salaria Rella	Solar P. Propine		
10	2020AUP069	SahayaPrivinsha M	Brivingh	Brivinsh		Pouvinsh	Brivinst		
11	2020AUP070	SahayaSoosanna A	ashey seem	· Long Bear	Atomit.	Sotzar	Jana		
12	2020AUP071	Sifana H	Strait	STown.H	Stwa. H	Stevel	Clear H		
13	2020AUP072	Sneha Kumar G	erse	er. Snels	excens.	erster	OFFICE .		
14	2020AUP074	VaikundaKowsika M.M	MASS Sacrida	MMAkovide	MANAMONTE	MINERALINE .	Michaelhe		
15	2020AUP075	Varshini E	Varenini.E	Vardini-E	Vardani E	Vartini. E	Varianie		
16	2020AUP076	Vimala J	J- Winds	T- Windle		T. Whale	J. Windle		
17	2020ÁUP399	Asmitha Rose T	P. Sentel	Letine of	7. July	- Lander	Okal o		
18	2020AUP400	SahayaJaslin Shiny P	10	181	761	The state of	201		
19	2020AUP401	Deepika N	1 Degita	N Despite	N.Dogilos	Nogiku	Nisept.		
20	2020AUP514	Santhiya K	1 - Santhing	K-santhing	K.Sanky	K. Santtuyo	K-Santhuye		
21	2020AUP528	Sakthi S	AN	AN	0.50	N.	17/2		



#### **DEPARTMENT OF PHYSICS** HOLY CROSS COLLEGE (AUTONOMOUS)

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



No.13-100, Kalluvottankuzhi, Nithiravilai, Kanniyakumari-829154



Reg No: 2020AUP060

This is to certify that Ms. LOREENA SOLOMON (III B.Sc. Physics) has successfully completed the Value Added Course Computer Maintenance - VAP204 at Holy Cross College (Autonomous), Nagercoil from 26-05-2023 to 31-05-2023.



Managing Director



Holy Cross College (Autonomous), Nagercoil
Accredited with A' grade
(CGPA 3.35) in 4" Cycle by NAAC)
Nagercoil-25004, Tamil Nadu,
India
Department of Physics
Value Added Course – Attendance List
II B.S.e. Physics
2022 – 2023 (Even Semester)

Sub: Image Processing Date: 26.05.2023 to 31.05.2023			Sub Code: VAP206 Time: 9.00 am to 3.15 pm							
Sl. No.	Register number	Name	26.05.2023	27,05,2023	29.05.2023	30.05.2023	31.05.2023			
1	2021AUP047	B.Abi	B-Abi	B:A6i	B Æi	B.Abi	B.Abi			
2	2021AUP048	B.Abinisha	12.7831							
3	2021AUP049	M.L.Abisha	M.I. Alid	ALI ALIALA	M . Mid	MIANN	MI Abid			
4	2021AUP050	G.S.Agshaya	SAH.	shot	24	ALL	MAL			
5	2021AUP051	A. AmbroAmalavarshini	Anton	Acto	Andreas	Ambre	Antes			
6	2021AUP053	D.Ancy	dray D	Ancy. D	dreyD	dry D	Ancy I			
7	2021AUP054	V.Anisha	Avita V	Anjsha V	dnjetav	Anjohan	Anjoha			
8	2021AUP055	E.Anjana Devi	Aw. 2	Arra Da	An Par	adaire	AMI			
9	2021AUP056	A.AntonySanjitha	Moncoyit	THE CALLED	1 Thomas	month.	Mulay a			
10	2021 ATTP057	M Archana Diyya	proham	triliana	Halam	Arhon	Azelana			

2021AUP059 A.Ashiba 2021AUP060 M.Ashmin | 2021AUP060 | M.Sahmin | 2021AUP061 | K.Banu | 2021AUP062 | E.Bithuna | 2021AUP062 | E.Bithuna | 2021AUP065 | J.Boomigha Philip | 2021AUP065 | A.Cathrin Akshaya | 2021AUP066 | S.Cinju | 2021AUP067 | M.J.Cousalyn | 2021AUP068 | T.Deva Dharshin | 2021AUP069 | S. Devona | 2021AUP069 | R. Dharshin | 2021AUP069 | R. Dhar Ajufu c djula c djula c djula Okahaya A Atalaya a Atalaya d Atalay S Cinju S. Cinju S. Cinju S. Cin



## Holy Cross College (Autonomous), Nagercoil Accredited with A'grade ((GPA 3.35) in 4" Cycle by NAAC) Nagercoil-e20004, Tami Nadu, India Department Of Physics Value Added Course – Attendance List I B.Sc. Physics



2022 – 2023 (Even Semester)

SI.			-	me: 9.	- III	1000	13 p
No.	Register Number	Name	26.05.2023	27.05.2023	29.05.2023	30.05.2023	31.05 2023
1.	2022AUP050	Aashika Sree S	المحلمان	1	18	No.	12
2.	2022AUP051	Abisaya S	wip'y	a draw	19	" SA	Chb.
3.	2022AUP052	Abisha B	Dr.	Ser	12	3	3
4.	2022AUP053	Abisha Evalantina M	red of	B	20	32	3
5.	2022AUP054	Ajana J Wise	A. Car	S. P.S.	£ 60°	x 720	248
6.	2022AUP056	Ansha Ron Glowthiya E	Authorite	الادر			وسي
7.	2022AUP057	Anubha C	Arabha	A Salar	We	Andre	Specific N
8.	2022AUP058	Arthi P		N.	Mos	May	Place
9.	2022AUP060	Aslin Benita X V	(Sign	A	0	A	
10.	2022AUP061	Bavya Devi R P	Davidhan	- Mar	- Mar	TO.	A.
11.	2022AUP062	Dariya J P	20	BOST	J/X	But	Box







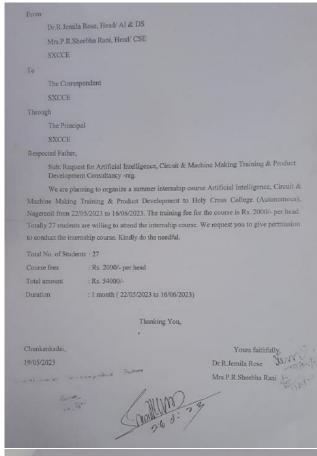
#### **Department of Physics**

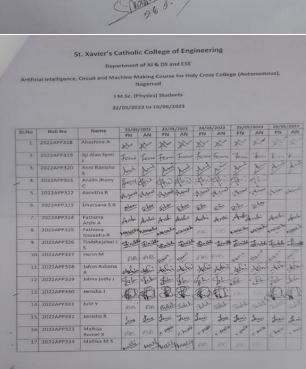
MOU : St. Xavier's Catholic College of Engineering, Nagercoil

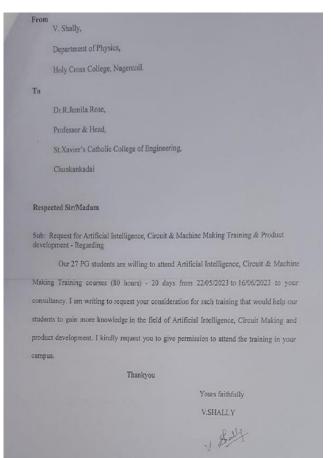
**Activity** : Summer Training Programme

Date : 01-05-2023 to 25-05-2023

Beneficiaries : 27











An Autonomous Institution Affiliated to Anna University, Chennai Accredited with 'A' Grade by NAAC

UG Programs (ECE, EEE, Mech, Civil, CSE & IT) Accredited by NBA
Recognized under section 2(f) & 12(8) of UGC Act, 1956

UG Programs (ECE, EEE, Mech, Civil, CSE & IT),

MBA & MCA Programs Permanently Affiliated

## Department of Artificial Intelligence and Data Science

8

### Computer Science and Engineering

#### CERTIFICATE

This certificate is awarded to Miss. M. Keerthika I year M.Sc. Physics, Holy Cross College (Autonomous), Nagercoil in appreciation of her participation in the summer Internship on Artificial Intelligence, Circuit & Machine Making and Product Development organized by the Department of Artificial Intelligence and Data Science & Computer Science and Engineering of St. Xavier's Catholic College of Engineering, Nagercoil from 22/05/2023 to 16/06/2023. She scored A grade in the final assessment.

Marks	Grade
80 & Above	A+
60-79	A
50-59	В

6

HOD

AI & DS

HOD

CSE

Principal

#### **Department of Physics**

MOU : Tamil Nadu Scientific Research Organisation, Pudukottai.

**Activity** : Research Work

Date : 18-02-2022 to 30-06-2022

Beneficiaries : 1



TAMILNADU SCIENTIFIC RESEARCH ORGANISATION
Regd.by the Govt.of TamilNadu,Regd.No:542/BK4/1997 dated 31.10.1997
Regd.with Dept.of Income Tax exempted under Act 1961

Rega.with Dept.of Income tax exempled direct ACT V

S.Vijlkumar D.Sc(AM).,FNVA.,CLIS., Director

Science for Rural Prosperity

Ref.No.TNSRO/PSRD/P170/2022-2023

30.06.2022

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Bhuvaneshwari V (Register No: 20213042132007) Research Scholar, Ph.D (Physics), Department of Physics, Holy Cross College (Autonomous), Nagercoil, K.K Dist. has done her research project (Second Phase) in Physics at our organisation from 18th Feb 2022 to 30th June 2022.

She has worked on a project titled "Hydroxyapatite (HAp) Nanostructures from Natural Resources for Biomedical Applications". This project was aimed at driving the particular compound from Natural Resources. During her project work she has demonstrated her skills with self-motivation to learn new skills. Her performance exceeded our expectations and she was able to complete the project on time.

We wish her all the best for her upcoming career.

THISEO FOR SATIBRATOR & PUDUKKOTIL &

Copy to:
Dr.S.Sonia
Assistant Professor,
Department of Physics ,
Holy Cross College (Autonomous),
Nagercoil, K.K Dist.

Signature of Authorized person
DECTOR,
TAMEHADU SCIENTIFIC RESEARCH ORGANISATION,
PLOT. No: 39, MURA BHAVAN,
KOODAL NAGAR, RAJAGOPALAPURAM (Post).

Dr. C. NIRMALA LOUIS, M.Sc., Ph.D., PGBCA.,
Head & Assistant Professor,
Head & Research Department of Physics,
Holy Cross College (Autonomous),
Nagercoil, Kanyakumari District,
Nagercoil, Kanyakumari District,
Tamil Nadu, PIN: 629 084.

Admin.Office: 39,Mura Bhavan,Koodal Nagar,Rajagopalapuram Post, Pudukkottai-622003, TamilNadu,INDIA.Ph:04322-261088, Mobile:9952886637. E-Mail:tnsroindia@gmail.com Web:www.tnsroindia.org.in

PRINCIPAL
Floy Cross College
(Autenamous)



#### **Department of Chemistry**

**MOU** : Galileovasan Offshore & Research and Development Pvt. Ltd, K-2 Industrial

Estate, Nagapattinam

**Activity** : Industrial Training Programme

: 27-03-2023 Date

**Beneficiaries** : 160







HOLY CROSS COLLEGE(Autonomous), Nagercoil

Affiliated to Manonmaniam Sundaranar University (Accredited with A+Grade (CGPA 3.35 - 4th cycle by NAAC)

#### Department of Chemistry

in collaboration with

Galileovasan Offshore & Research and Development Pvt. Ltd.

Industrial Training Programme

Date: 27/03/2023 @ 10:00 am

Er. SRINIVASAN G.M.

Petrochemical Technologist Managing Director Galileovasan Offshore & Research Development Private Limited



: Dr.Sr.Mary Hilda, Secretary Patron

Chair Person : Dr.Sr.S.Sahaya Selvi, Principal

Convener : Dr. M. Anitha Malbi Organizing Secretaries : Ms. L. Deva Vijila &

Dr. M. Antilin Princela

Organizing Team Department of Chemistry



#### **Department of Botany**

MOU : Finura Bioteks

**Activity** : Summer Training Programme

Date : 27-06-2022 to 07-07-2022

Beneficiaries : 8

# HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL. ACCREDITED WITH A<sup>+</sup> grade (CGPA 3.35) by NAAC AFFILIATED TO MANONMANIAM SUNDARNAR UNIVERSITY, TIRUNELVELL.



#### **Summer Training Programme**

On

#### TISSUE CULTURE

IN

#### FINURA BIOTEKS, THOVALAI

#### Submitted By II M.Sc. Botany Students

2021SPB246
AUALDI DATU
2021SPB247
2021SPB248
2021SPB249
2021SPB381
2021SPB393
2021SPB417

April 2023



#### FINURA AGRO TECH LLP

(Registered under Ministry of Corporate Affairs (MCA), Govt. of India - AAV-4389)
11/8J, Lyolla College Road, Thovalai - 629302 Kanyakumari District, Tamilnadu.
Ph: 9445450305; 9487249777; E.mail:finuraagrotech@gmail.com
http://www.facebook.com/410389732318278

07.07.2022

#### CERTIFICATE OF INTERNSHIP

This is to certify that Ms. M. Micheal Sahaya Vinslet (Reg No: 2021SPB248), M.Sc Botany, Holy Cross College, Nagercoil has undergone her Internship Training at Finura Agro Tech LLP, Thovalai, Kanyakumari District from 27.06.2022 to 07.07.2022. During her internship, she has demonstrated her skills with self-motivation to learn new skills. Her performance exceeded our expectation and she worked well as part of our team during her tenure. We wish her all the best for her upcoming career.

Dr.S.Prakash

Principal Scientist

Mr.M.Ashok Macrin

Deputy Director of Horticulture (Retd)



#### **Department of Botany**

**MOU** : Finura Bioteks

**Activity** : Board of Studies

Date : 30-05-2023

Beneficiaries : 12

BOT/BOS/2022 - 2023/16



## Department of Botany Holy Cross College (Autonomous), Nagercoil



Nationally Accredited with A+ by NAAC (CGPA 3.35-IV Cycle), Nagercoil-629004,

Kanyakumari District, Tamil Nadu, India.

Minutes of the Botany Board of Studies meeting held on 30.05.2023 at 9.00 AM

Ref.No. BOT/BOS/2022 - 2023/16

#### Members:

Dr. W. Vincy

Dr. A. Anami Augustus Arul - Chairperson & Head of the Department

-Member

Dr. S.R. Senthil Kumar - University Nominee

Dr. M. Reginald Appavoo - Subject Expert

Dr. M. Johnson - Subject Expert

Mr. S. Prakash - Industrialist

Dr. B. Santhiya - Alumna Dr. Sr. Leema Rose -Member -Member Dr. A. Anami Augustus Arul Dr. Bojaxa A. Rosy -Member Dr. A. R. Florence -Member Dr. J. Albino Wins - Member Dr. J. Celin Pappa Rani -Member Dr. S. Kala <u>Vetha</u> Kumari -Member

#### **Department of Zoology**

**MOU** : NIMS Centre for Genomic Medicine

: Industrial visit to NIMS Activity

Date : 02-03-2023

Beneficiaries : 22



## Department of Zoology Holy Cross College (Autonomous) Nagercoil

Accredited with A+ Grade (CGPA 3.35) by NAAC (IV Cycle) Affiliated to Manonmaniam Sundaranar University, Tirunelveli



### Organised



Study Trip for I M.Sc. & II B.Sc. Zoology on 02.03.2023 Staff: Dr. F. Brisca Renuga, Dr.C. Josephine Priyatharshini, Mr. Johnson Paulraj









#### **Department of Zoology**

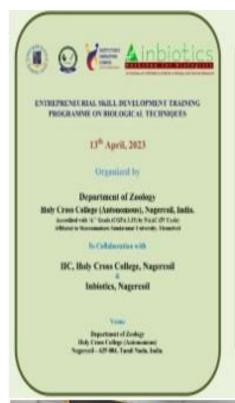
MOU : Inbiotics, Nagercoil

Activity : Workshop on Entrepreneurial Skill Development Training Programme on

**Biological Techniques** 

Date : 13-04-2023

Beneficiaries : 58















#### **Department of Zoology**

MOU : Inbiotics, Nagercoil

**Activity** : Internship

Date : 25-04-2023 to 24-05-2023

Beneficiaries : 9



#### **Department of English**

MOU : Shakespeare Institute of English Studies

Activity : Dr. Elizabeth Lucy's Endowment Lecture

Date : 29-03-2023



#### **Department of English**

MOU : Shakespeare Institute of English Studies

Activity : Talent Exam

Date : 04-02-2023

Beneficiaries : 53



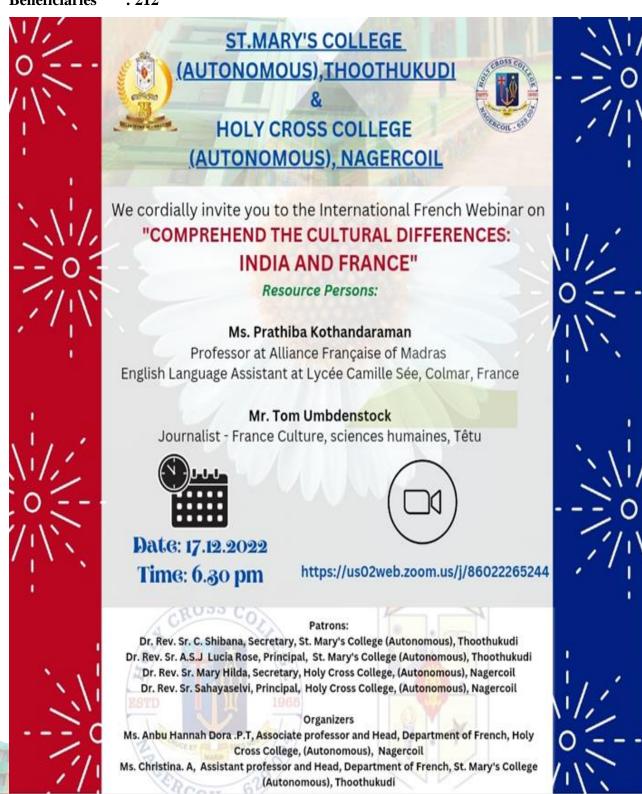
#### **Department of French**

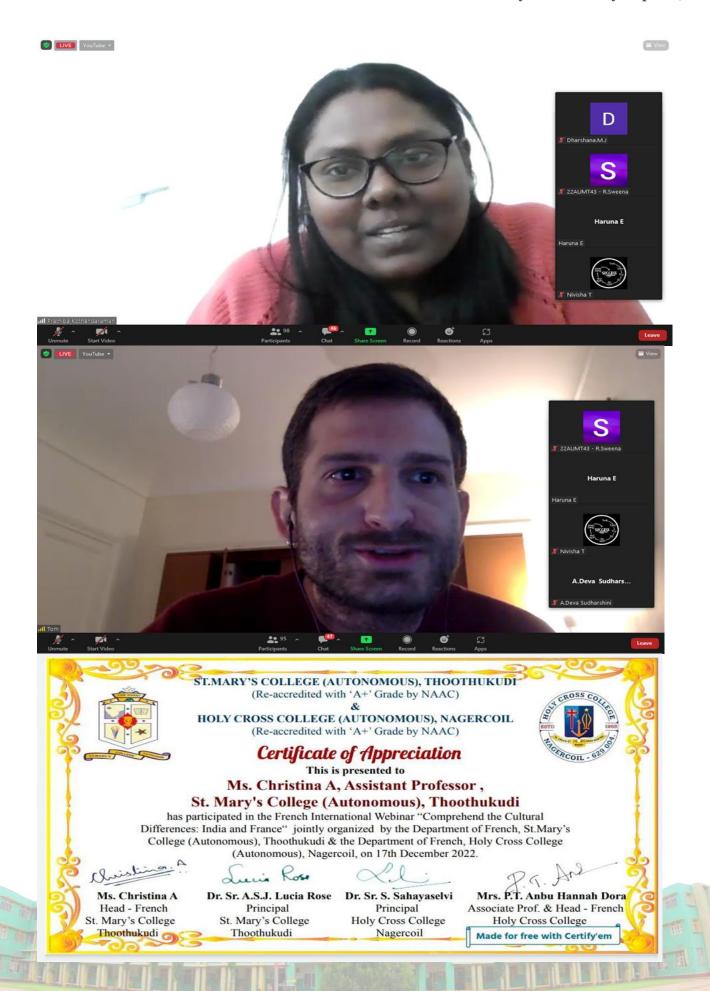
MOU : St. Mary's College, Thoothukudi

**Activity** : Webinar

Date : 07-12-2022

**Beneficiaries**: 212





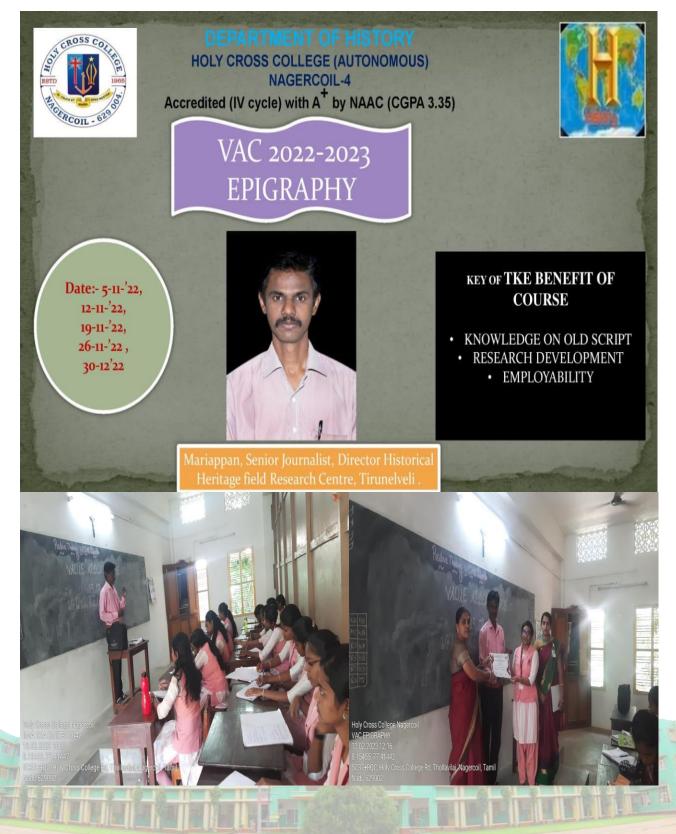
#### **Department of History**

MOU : Historical Heritage Field Research Centre

**Activities** : Value Added Course on Epigraphy

Date : 05.11.2022, 12.11.2022, 19.11.2022, 26.11.2022 & 30.11.2022

**Beneficiaries**: 16



#### **Department of History**

MOU : Mizpa Holidayz

Activities : Value Added Course on Travel and Tourism Management

Date : 20.02.2023 to 25.02.2023

Beneficiaries : 19







## DEPARTMENT OF HISTORY HOLY CROSS COLLEGE (AUTONOMOUS)

Affiliated to Manonamian Sundaranar University
Accredited with A\* Grade (CGPA - 3.35) by NAAC (IV Cycle)
Magercoil - 629004, Tamil Nada, India
in collaboration with



1st Floor, Pillars Gate, Opp. Anna Stadium, Nagercoil. Mobile: 93444 40406

### CERTIFICATE

This is to certify that Ms. ANITHA ESWARI. S., has completed 30 hours (6 days) "Value Added Course" on "Travel and Tourism Management" conducted by the Department of History in collaboration with Mizpa Holidayz, Nagercoil from 20 to 25 February 2023.



Head of the Department

Dr. I. JALAJA KUMARI Assistant Professor & Head Department of History Holy Cross College (Autonomous) Nagercoil - 629004



Director

HOUR PLLANS CHES



Principal
Hely Cross College
(Autonomous)
Nagercoil - 629 004.



#### **Department of Economics**

**MOU** : Scientific Research Association for Economics and Finance (SRAEF)

**Activities** : Know Your Economy Test

Date : 15-03-2023

Beneficiaries : 60



**PG & Research Department of Economics** 

## KNOW YOUR ECONOMY TEST

Date: 15.03.23 Time: 1.15 p.m

Patron: Dr. Sr. Mary Hilda, Secretary Chairperson: Dr. Sr. Sahayaselvi, Principal Convenor: Dr. S. Vimal Dolli, Head of the Department

Organizing Secretaries
Dr. S. Jeni Sanjana & Dr. J.M Vinitha Charles
Assistant Professors



### 0000-03

The Department of Economics in collaboration with Scientifie Research Association for Economics and Finance (SRAEF) Chennai Conducted Pest on \* Know Your Economy." for 93 Students & both Economics and Commerce discipline on 15 April 2023. through a written Test. Answer Scripts were evaluated. S. Indhu Latishmi & I B. A. Economics Scored the I mark, 2. Vibisha & J. H. A. Soured Me Becond Alack and B. Jona Herhani & I B. A. Economics Stored the third mark. He Winner Shore who secured Lighert marke were honoured with pringes.

#### **Department of Commerce**

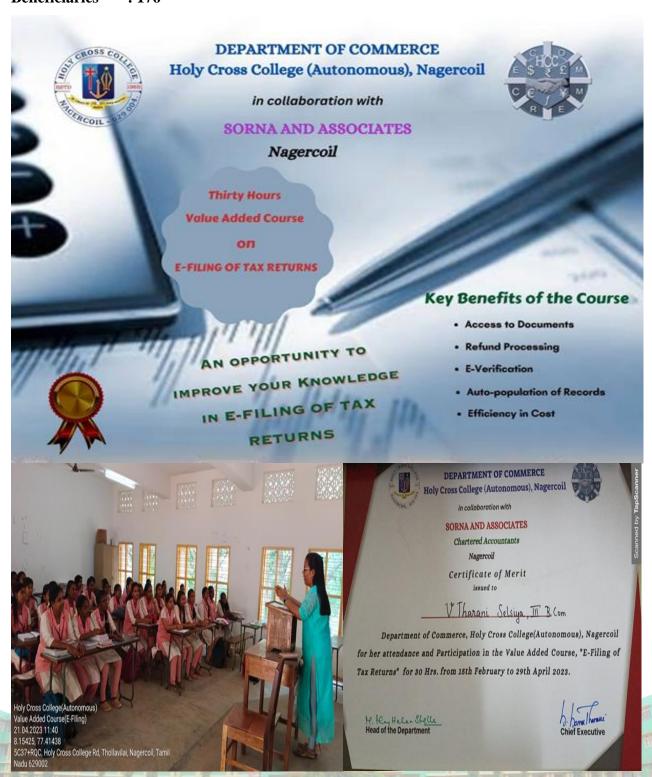
**MOU** : Sorna and Associates

Activities : Value added Course on E-Filing of Income tax Return

Date : 15-02-2023, 24-02-2023, 21-04-2023, 26-04-2023, 27-04-2023, 28-04-2023,

29-04-2023, 03-05-2023

Beneficiaries : 176



#### **Quiz Club**

MOU : Sky is Our Limit (SIOL) Quiz Club, Pondicherry

Activities : Intercollegiate and interschool quiz competition

Date : 17-10-2022

Beneficiaries : 59

An inter-school and inter-collegiate quiz (Crossings-2022) is organized for School and College students in national level. The prelims is held on 13.10.2022 and finals on 17.10.2022 via online. Mr. Muthu Kumaran, SIOL Quiz Club, Pondicherry was the quiz master. 42 school students and 17 college students were participated for prelims. Prelims is conducted for individuals. 8 students from each category are selected for finals. 3 from each category is announced as winners. Through this national level competition, participants were able to identify their strong and weak sections of the concerned topic. The following participants are the winners:

#### **College Level:**

- 1. A. Thasneem Seenath, Holy Cross College (Autonomous), Nagercoil
- 2. P.G. Swetha, St. Xavier's College, Palayamkottai
- 3. M. Geetha, St. Xavier's College, Palayamkottai

#### **School Level:**

- 1. Balasanmugham.R, Pushpalatha Vidhya Mandir School, Puducherri
- 2. Jyothi Swarupa, Srivi Lione International School, CBSE
- 3. Mohanned Hishram, Hebron Metric HSS, Nagercoil



#### **Placement and Career Guidance Cell**

MOU : ECC Academy, Nagercoil, Tamil Nadu

**Activities** : Orientation Programme on Competitive Exams

Date : 28-10-2022

Beneficiaries : 750

An Orientation Programme on "Competitive Exams" was conducted on 28<sup>th</sup> October 2022 by the ECC Academy, Nagercoil. The orientation was organised by the Placement and Career Guidance Cell. Mr. M. Anantha Boopathy, Managing Director and Mr. M.Vijayan, Senior English Faculty, ECC Academy, Nagercoil were the resource persons of the day and they addressed the students on the importance of pursuing a career in government sectors. They also insisted that how one should approach a government exam.



ege Rd, Thollavilai, Nagercoil, Tamil

MOU : Pro-Vision Nagercoil - Samithopu Village

Activities : Talk on Protecting the Environment and Empowering Women

Date : 27-10-2022

Beneficiaries : 75

The faculty members and the students of the Department of Botany and Zoology in collaboration with Pro-Vision, Nagercoil an NGO organisation organized a talk on Protecting the Environment and Empowering Women to the Samithopu village people on 27-10-2022. The programme was coordinated by Mr. John Selvin, Trustee of Provision, delivered a talk on "Protecting the Environment and Empowering Women." He insisted on the elimination of plastics in order to protect the environment. Mrs. Shanthi, President of Samithoppu, VI Ward, demonstrated plastic collection, separation, processing, and recycling. The students conducted a survey in Samithoppu village to assess how people dispose of plastics and noticed that the panchayat employers are not properly collecting plastic and food waste from all houses. The students visited nearly 83 homes to raise awareness about the negative effects of plastic use on health and the environment, as well as about plastic recycling.



MOU : Pro-Vision Nagercoil - Samithopu Village

**Activities** : Awareness Talk on Plastic Pollution

Date : 29-10-2022

Beneficiaries : 85

The faculty members and the students of the Department of Botany in collaboration with Pro-Vision, Nagercoil organized an awareness talk on Plastic Pollution to the Samithopu village people on 29-10-2022. Mrs. Kamala Rathi, Provision institute staff, instructed the students on how to collect plastic waste from the village Samithoppu. The students then went around the village for collecting the plastic waste and dumped it in a plastic bank run by village women.



MOU : Pro-Vision Nagercoil - Periavilai Village

**Activities** : Awareness Talk on Cancer

Date : 03-02-2023

Beneficiaries : 57

The RUN Students from the Department of Economics and Tamil of Holy Cross College (Autonomous), Nagercoil and Provision jointly organized an awareness talk on Cancer on 03-02-2023. The awareness programme about the baseline survey was headed by Dr. Niranjana, Colachel Governement Hospital. After that awareness programme the students visited the community members in their houses and got information about the basic details of the family and to create awareness on Cancer. And finally, the students collected the plastics waste in the beach and cleaned the seashore neatly.



MOU : Pro-Vision Nagercoil - Periavilai Village

Activities : Orientation Programme on Kitchen Garden and Benefits of Organic Food

Date : 24-02-2023

Beneficiaries : 57

The RUN Students from the Department of Economics and Tamil of Holy Cross College (Autonomous), Nagercoil and Provision jointly organized an orientation programme for the community on kitchen garden and benefits of organic food on 24-02-2023. After the programme, students have divided into five groups they had visited many houses and gave the awareness talk about kitchen garden and health care. Then they distributed the vegetables seeds to the village people and planting trees.



MOU : Pro-Vision Nagercoil – Muttom Village

Activities : Orientation on Protecting the Environment and Empowering Women

Date : 27-10-2022

Beneficiaries : 78

The students of II BA English (S.F), in collaboration with Pro-Vision, Nagercoil organized an orientation on the topic Protecting the Environment and Empowering Women to the village people of Pillaithoppu, Muttom. After the meeting the students started their field work by taking survey from all the houses in the village. They insisted the village residents to dispose plastic wastes in separate bin.



MOU : Pro-Vision Nagercoil – Muttom Village

Activities : Awareness Talk on Impact of the Usage of Plastic

Date : 29-10-2022

Beneficiaries: 89

The students of II BA English (S.F), in collaboration with Pro-Vision, Nagercoil organized an awareness talk on Impact of the usage of Plastic to the village people of Pillaithoppu, Muttom.



MOU : Pro-Vision Nagercoil - Kovalam Village

Activities : Orientation on Protecting the Environment

Date : 29-10-2022

Beneficiaries : 145

On 29-10-2022, the students of II BA English (Aided), along with Dr. Snow Sharmila and Ms. Amlin Beatrice, organized an activity to collect plastics from the residents and clean the shoreline in Kovalam. The initiative aimed to raise awareness about the harmful effects of plastic pollution and empower women to actively participate in environmental conservation. By involving women in cleaning efforts and promoting sustainable practices, this activity contributed to gender equality and environmental sustainability.



**MOU** : Gold King Charitable Trust

**Activity** : Community Awareness Programme

Venue : Pechiparai

Date : 21-01-2023

Beneficiaries : 75



**MOU** : Gold King Charitable Trust

**Activity** : Talk on Legal rights for children

Venue : Pechiparai

Date : 03-02-2023

Beneficiaries : 125

On February 3, 2023, the II B. Com (SF I) students, along with Ms. Jamila, organized an activity focused on promoting the legal rights of children. The event took place in Pechiparai. The objective of this activity was to raise awareness about human rights, specifically pertaining to children and the under privileged, and to empower them with knowledge about their legal rights. The students discussed various aspects of child rights, including protection from abuse, access to education, healthcare, and a safe environment. The session aimed to create a sense of justice and promote strong institutions that uphold and protect human rights, particularly those of children.



#### Childline

MOU : Childline India Foundation Mumbai

**Activity** : International Day of Girl Child (Signature Campaign Programme)

Date : 11-10-2022

Beneficiaries : 280

The Childline, Kanyakumari District conducted a signature campaign programme in view of International Girl Child Day on 11-10-2022. Around 280 participants signed in the signature board to protect the children in the society.

