

SACRED HEART COLLEGE FOR WOMEN

CHALAKUDY, THRISSUR, KERALA



AQAR 2020-21

Criterion III - RESEARCH, INNOVATIONS AND EXTENSION

SUB CRITERION - 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year.

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AQAR 2020-21

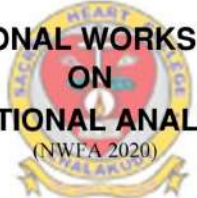
MATHEMATICS

Criterion III - RESEARCH, INNOVATIONS AND EXTENSION

SUB CRITERION -3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year.

Organising Committee

NATIONAL WORKSHOP ON FUNCTIONAL ANALYSIS (NWEA 2020)



Rev. Dr. Sr. Irene
Principal

Ms. Smitha Davis
Head of the Department

Dr. Nidhin T.J
Assistant Professor
Coordinator

Ms. Amala Mary George
Assistant Professor

Ms. Linet Roslin Antony
Assistant Professor

Dr. Vijitha Mukundan
Assistant Professor

Ms. Geethu Simon
Ad-hoc Faculty

Ms. Jiji Paul A
Ad-hoc Faculty

Ms. Geethika P R
Ad-hoc Faculty

Mr. Rahul M Raju
Ad-hoc Faculty



SACRED HEART COLLEGE

Railway Station Road, Chalakudy
Thrissur, Kerala - 680307, India.
(Re-accredited by NAAC with A+ grading)

Phone : +91 480 2791159,
+91 480 2704048

Email : mathshcky@gmail.com
shcollegecky@gmail.com

The Mathematics fraternity of S.H. College Chalakudy is
delighted to welcome you to this academic programme.

Rev. Dr. Sr. Irene
Principal

Ms. Smitha Davis
Head of the Department

Dr. Nidhin T.J
Coordinator

Organised by:
Post-Graduate Department Of Mathematics
Sacred Heart College, Chalakudy.
In association with **IMRT**

Venue :
Clare Hall, Sacred Heart College, Chalakudy.

Date : **24, 25 January 2020**

About the College.

Sacred Heart College offers a conducive ambience for achieving academic excellence and for nurturing creativity. The college secured the top most grade with A+, among the non autonomous colleges in Kerala in the re-accreditation by NACC. Upholding the motto "Lux in Tenebris Lucet" (Light shines in darkness), the college has been emerging as a leading institution in higher education both in academic as well as non-academic ventures.

About the Department.

The department of Mathematics commenced in the year 1981 under the leadership of Rev. Sr. Alben. The department has been elevated to post - graduate department in 2014. The faculty of department have research degrees from IIT, NIT and reputed universities. Diversified academic and non-academic activities have been under taken by the department to trigger interest in students for pursuing higher studies in Mathematics.

About the Workshop

Functional analysis is a branch of mathematical analysis that deals with the study of vector spaces endowed with certain topologies and linear maps defined on these spaces. The workshop aims at providing a thorough introduction into the foundations of functional analysis. All the sessions are sequentially arranged.

About the IMRT.

The Institute of Mathematics Research and Training was established in 2015 under the leadership of Dr. K. S. S. Nambooripad. One of the objectives of the institute is to conduct educational training programmes for teachers, researchers and students of schools, colleges and universities.

Program Schedule

24th January 2020

9:00am-9.30am	: Registration (Rs.150/-Lunch will be provided)
9:30am-10.00am	: Inaugural Function
Welcome	: Ms. Smitha Davis
Presidential Address	: Rev. Dr. Sr. Irene
Inaugural Address	: Dr. A.R Rajan
Felicitaiton	: Prof. Dr. E. Krishnan
Vote of thanks	: Dr. Nidhin T.J
10:00am-10.15am	: Tea Break
10:15am-12.45pm	: Session 1 (Prof. Dr. E. Krishnan)
12:45pm-1.30pm	: Lunch Break
1:30pm-4.00pm	: Session 2 (Dr. A.R Rajan)

25th January 2020

9:30am-10.40am	: Session 3 (Dr. P. Rameshkumar)
10:45am-11:00am	: Tea Break
11:00am-12:pm	: Session 3(continued)
12:00pm-1:00pm	: Lunch Break
1:00pm-3:00pm	: Session 4 (Prof. M.N. Narayanan Namboothiri)
3.00pm-3.30pm	: Valedictory Function



Prof. Dr. E. Krishnan
Professor and Head (Retd.),
Department of Mathematics,
University College,
Thiruvananthapuram



Dr. A.R. Rajan
Director of Encyclopedia
Former Professor and Head,
Department of Mathematics,
University of Kerala,
Thiruvananthapuram



Dr. P. Rameshkumar
Assistant Professor
Department of Mathematics
University of Kerala
Kariavattom Campus.



Prof. M. N. Narayanan Namboothiri
Emeritus Scientist (KSCSTE)
Department of Mathematics
Cochin University of Science and
Technology.

K. S. S. Nambooripad

K. S. S. Nambooripad (born 6 April 1935) is an Indian mathematician who has made fundamental contributions to the structure theory of regular semigroups. Nambooripad was also instrumental in popularising the TeX software in India and also in introducing and championing the cause of the free software movement in India

He was with the Department of Mathematics, University of Kerala, since 1976. He served the Department as its Head from 1983 until his retirement from University service in 1995. After retirement, he is associating with the academic and research activities of the Center for Mathematical Sciences, Thiruvananthapuram in various capacities.

Ms. Smitha Davis

(Assistant Professor, Head of the department)

✉ nandithadavisnj@gmail.com

☎ 8156977780

Ansalit Poulose

(Student Co-ordinator)

✉ ansalitikpoulose2127@gmail.com

☎ 7594033100

About The College

Built up in a divinely luscious green garden with soothing perpetual breeze, near to the Chalakudy River, Sacred heart College offers a conducive ambience for achieving academic excellence and for nurturing creativity. The college secured the topmost grade with A+ (3.55), among the non-autonomous colleges in Kerala in the re-accreditation (third cycle) by NAAC. Upholding the motto 'Lux in Tenebris luce' (Light shines in Darkness), the college has been emerging as a leading institution in higher education in both academic as non-academic ventures.

KSCSTE

The Kerala State Council for Science, Technology & Environment (KSCSTE) is an autonomous body under the ministry of Science & Technology, Kerala, constituted in November 2002 to be an agency for change and development through science & technology. The council promotes and activates programmes for increasing the stock of knowledge in Science. KSCSTE is co-ordinating the state level activities in connection with the observance of National Science Day.

International seminar on THEORY OF REGULAR SEMIGROUPS & NATIONAL SCIENCE DAY

Celebrations

In honour of

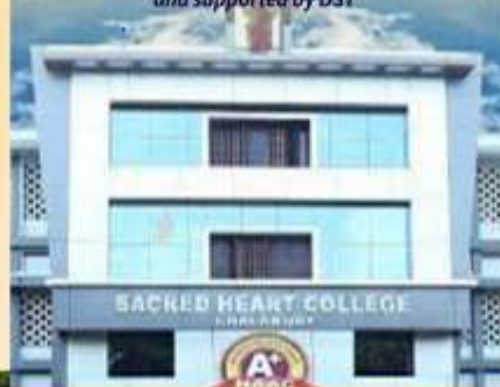
Dr. K.S.S Nambooripad



Organised by POST-GRADUATE

Department of Mathematics

**Sponsored By KSCSTE
and supported by DST**



SACRED HEART COLLEGE

Railway Station Road, Chalakudy

Thrissur, Kerala - 688307, India

phone +91 480 2707159, +91 480 2704048

Email: shcollegeck@yahoo.com

Re-accredited by NAAC with A+ (3.55)





Dr. Azeef Muhammed P.A
 Assistant Professor
 Prince Muhammad Bin Fahd University
 Kingdom of Saudi Arabia
 Post Doctoral Fellow
 Ural Federal University, Russia



Dr. Ramyamol P.C
 Assistant Professor
 Govt. Poly Technic,
 Vellore

Inter Department Competition

- Presentation Competition
- Poster Making

Date: 27th February 2020
 Registration Time: 8.30 am
 (No registration fees)
 Students should bring their lunch

Programme

9.00-10.00	: Inaugural Session (Tribute video to Dr. K.S.S. Wamboorpad)
Welcome speech	: Ms. Smitha Davis (Head, Co-ordinator)
Presidential Address	: Rev. Dr. Sr. Irene (Principal)
Inaugural Address	: Dr. Azeef Muhammed P.A
Felicitation	: Athira A.S (Association secretary)
Vote of Thanks	: Ansalit Poulose (Student Co-ordinator)
10.00-10.15	: Tea Break
10.15- 12.15	: Session 1 Talk by Dr.Azeef Muhammed P.A on <i>Theory of Regular Semigroups</i> <i>Wamboorpad's Perspective</i>
12.15 -1.15	: Lunch Break
1.15- 3.00	: Session 2 <i>Mathematics Enrichment Program</i> Dr. Ramyamol P.C

Organising Committee

- Rev. Dr. Sr. Irene**
(Principal)
- Ms. Smitha Davis**
(Asst-Professor, Head of the department
Co-ordinator)
- Ms. Linet Roslin Antony**
(Asst-Professor)
- Dr. Nidhin T.J**
(Asst-Professor)
- Dr. Vijitha Mukundan**
(Asst-Professor)
- Ms. Geethu Simon**
(Ad-Hoc Faculty)
- Ms. Geethika P.R**
(Ad-Hoc Faculty)
- Ms. Jiji Paul A**
(Ad-Hoc Faculty)
- Mr. Rahul M Raju**
(Ad-Hoc Faculty)

The mathematics fraternity of S.H. college is delighted to welcome you to this academic programme, to enhance your knowledge in Regular semigroup and for academic.

POST-GRADUATE DEPARTMENT OF MATHEMATICS

SACRED HEART COLLEGE CHALAKUDY

<http://www.sacredheartcollege.ac.in>

Railway Station Road, Chalakudy, Thrissur, Kerala - 680307, India

Re-accredited by NAAC with A+ grade in 2017



CELEBRATING WOMEN IN MATHEMATICS

INTERNATIONAL WEBINAR

On MAY 12, 13 2020

Supported by Committee for Women in Mathematics (CWM)

Link for registration: <https://forms.gle/hFrCShU2UYDuz5FT6>

About the Webinar: May 12 is selected for 'Women in mathematics day' to honour Maryam Mirzakhani (May 12, 1977 – July 14, 2017). She was the only woman to win a Fields medal for her outstanding contributions to "the dynamics and geometry of Riemann surfaces and their moduli spaces". To celebrate the achievements of women around the world in mathematics and to know more about life and contributions of Maryam Mirzakhani, we are organising this live webinar. There is no registration fee and all participants will get e-certificate.

May 12, 2020 (10a.m - 11a.m) : Women in mathematics



Speaker: Dr. Minirani S, Associate Professor, Mukesh Patel School of Technology Management and Engineering, NMIMS Deemed University, Mumbai Campus.

May 13, 2020 (3.30p.m-4.30p.m) : Life and contributions of Maryam Mirzakhani



Speaker: Dr. Nikita Agarwal, Associate Professor, IISER Bhopal.

Organising Committee:

Dr. Vijitha Mukundan (Coordinator) (Ph. +919744503525)

Dr. Nidhin T J (Coordinator) (Ph. +917019044663)

Ms. Smitha Davis (HoD Maths)

Ms. Linet Roslin Antony

Ms. Amala Mary George

STAY HOME, STAY SAFE, BE CONNECTED.

NATIONAL ENRICHMENT PROGRAM IN MATHEMATICS 2020

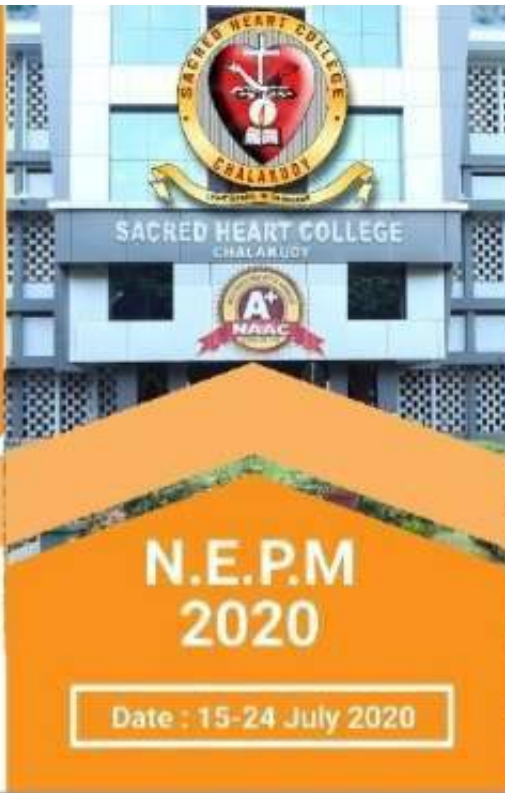
ORGANISED BY
POST GRADUATE DEPARTMENT
OF MATHEMATICS
SACRED HEART COLLEGE
CHALAKUDY

N.E.P.M 2020

Date : 15-24 July 2020

About the College.

Sacred Heart College offers a conducive ambience for achieving academic excellence and for nurturing creativity. The college secured the topmost grade with A+, among the non-autonomous colleges, Kerala in the re-accreditation by NAAC. Upholds the motto "Lux in Tenebris Lucet" (Light shines in Darkness), the college has been emerging as leading institution in higher education both academic and non-academic ventures.



About the Department

The Department of Mathematics commenced in the year 1981 under the leadership of Rev. Sr. Alben. The department has elevated to the post graduate department in aided scheme in 2014. The faculties of the department have research degrees from IIT, NIT and other reputed universities. Diversified academic and non-academic activities have been undertaken by the department to trigger interest in students to pursue higher studies in mathematics.

About the Program

A program to all those who are aspiring to have a brighter future in the field of mathematics. This program gives the graduate students an opportunity to develop their knowledge about mathematics. It is a bridge course for all who are planning to pursue post graduate course in mathematics. Also it will facilitate preparation for IIT-JAM exams. It provides a platform for every students to get access to lectures by various prominent faculties of diverse colleges. We provide assignments and conduct test papers to evaluate every participants. The submission of assignments are compulsory. The aggregate of assignments and test papers will be considered to avail the e-certificate. A minimum of 40% in both are required. During this pandemic let us join together to develop our inquisitiveness.

Resource Persons



Dr. A Vijayakumar
Professor Emeritus
Dept. of Mathematics
CUSAT



Dr. Didimes KV
Assistant professor
Sacred Heart College
Thevara



Dr. Shinta K G
Assistant Professor
Christ College
Irinjalakuda



Ms. Dola Jacob
Research Scholar
Indian Statistical Instt
Chennai



Mr. Tony K. R
Assistant Professor
College of Engineering
Trivandrum

Resource Persons from the college



Dr. Vijiha Mukundan
PhD from NIT Calicut



Dr. Nidhin T. J
PhD from IIT Bombay



Ms. Linet Roslin Antony
MPhil from CUSAT

Co-ordinators

Ms. Smitha Davis
Head of Dept.
Contact : 8155977780

Ms. Amala Mary George
Asst. Professor
Contact: 9567430812



IN CONNECTION WITH

PI APPROXIMATION DAY



Live webinar on

**“Mathematics from a
different perspective”**

by

Ms. Aiswarya Paul

Assistant Professor
Department of Mathematics
Providence Women’s College, Calicut

Organized by,
Post-Graduate Department of Mathematics
Sacred Heart College, Chalakudy
Thrissur District
Kerala

Date: **25/7/2020**
Time: **3:00 pm**
Platform: **GoToMeeting**

ORGANIZED BY

Post-Graduate Department of
Mathematics,
Sacred Heart College for
Women, Chalakudy

NEPM 2021
Ten Day Workshop
@ SHC

ONLINE PLATFORMS



CONTACT US

nepmshc@gmail.com

ADDRESS

Railway Station Road,
Chalakudy, Thrissur, Kerala
Pin. 680307, India.

COLLEGE WEBSITE

<http://www.sacredheartcollege.ac.in/>

No registration fee

Sacred Heart College for Women,
Chalakudy



Accredited with NAAC A+ Grading



**National
Enrichment
Program in
Mathematics
2021**

6/9/2021
to
16/9/2021

About the College

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SCHEDULE

6/9/2021

4:45 pm - 6 pm

Introduction to Topology

Dr. Aparna Lakshmanan
Assistant Professor
Dept. of Mathematics
CUSAT



7/9/2021

5 pm - 6 pm

Applications of Density Theorem

Albert Antony T
Assistant Professor
Panampally Govt. College
Chalakudy, Thrissur



8/9/2021

5 pm - 6 pm

Stereographic Projection

Smitha Davis
Assistant Professor
Sacred Heart College for
Women, Chalakudy, Thrissur



9/9/2021

5 pm - 6 pm

A Candid Introduction to Projective Spaces

Dr. Arusha C
Postdoctoral Researcher
TIFR Mumbai



10/9/2021

5 pm - 6 pm

Introduction to Matroid Theory

Dr. Meenu Mariya Jose
Statistical and Data Analyst
Statistics, New Zealand



11/9/2021

5 pm - 6 pm

Insolvability of the Quintic

Ramya Nair
Senior Research Fellow
IISER Pune



13/9/2021

5 pm - 6 pm

Geometry after Euclid

Dr. Neeraj Dhanwani
Postdoctoral Researcher
IISER Mohali



14/9/2021

5 pm - 6 pm

An introduction to Wavelets

Sunitha M,
Assistant Professor
Govt. Brennen College
Thalassery



15/9/2021

5 pm - 6 pm

Interesting Concepts in LPP

Amala Mary George
Assistant Professor
Sacred Heart College for Women,
Chalakudy, Thrissur



16/9/2021

5 pm - 6 pm

Eigenvectors and Eigenvalues

Dr. Nidhin T J
Assistant Professor
Sacred Heart College for Women,
Chalakudy, Thrissur



NEPM 2021

Click to register

<https://forms.gle/nwaZTYwv2QAiEhPW9>





NEPM
2021

The Mathematics fraternity of SHC is delighted to welcome you to this academic programme, for your enrichment in Mathematical Science. All Math degree graduates who aspire for post-graduation in the subject will definitely get a bridging and a motivation to take in Math seriously and deeply.

Dr. Sr. Irene
Principal

Ms. Smitha Davis
Head

Co-ordinators

Dr. Vijitha Mukundan
Linnet Roslin Antony

About the Programme

The ten-day National Enrichment Program in Mathematics 2021 is conducted by the Department of Mathematics of Sacred Heart College for Women, Chalakudy, to enhance the mathematical skills and knowledge of aspiring students. Moreover this program will help them to choose their career in Mathematics confidently. NEPM 2020 was conducted and the response from the participants was overwhelming. All the participants will be evaluated through a quiz and a feedback after each session and e-certificates will be provided to successful candidates.

About the Department

The Department of Mathematics commenced in the year 1981 under the leadership of Rev. Sr. Alben. It has been elevated to post-graduate department in 2014, which is an accomplishment of a long-cherished dream of the academic community who wish to pursue higher level learning in Mathematical Science. The faculty of department have research degrees from IIT, NIT and reputed Universities and having specialisation in emerging research areas of Mathematical Science. Diversified academic and nonacademic activities have been undertaken by the department for triggering curiosity and interest in learners for pursuing higher studies in Mathematics. The Department has been confidently facing the challenges during the inception and evolution period with the support of the management, Principal, faculty and Mathematics fraternity.

REGISTRATION

Name	Name of The Institution	Course	Email ID	Phone No.	Signature
1 Devika P	Sree Vyasa NSS College Wadakkanchery	MSc	devikadass601@gmail.com	7025146336	
2 SREYA THERESA SUNNY	CHRIST COLLEGE (AUTONOMOUS) IRINJALAKUDA	MSc	sreyatheresa97@gmail.com	9497388995	
3 SONIYA JOSEPH	Christ College Irinjalakuda	MSc	soniyaanna97@gmail.com	9656724817	
4 Reshma A R	Sree Narayana college Nattika	MSc	reshmasreegvr91@gmail.com	7034143182	
5 Athira.M.M.	Sree Narayana College,Nattika	MSc	athiram21@gmail.com	9061163370	
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7 MAHESH P S	SRI VYASA N.S.S. COLLEGE, THRISSUR	MSc	maheshpsudhakaran@gmail.com	8301938253	
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25 NIMMY THERESA BABU	ST.JOSEPH'S COLLEGE IRINJALAKUDA	MSc	nimmytheresababu@gmail.com	9539809901	
26 JISHA JOSEN C	VIMALA COLLEGE , THRISSUR	MSc	jishajosent25@gmail.com	9562133080	
27 AMRUTHA M P	SREE VYASA NSS COLLEGE	MSc	amruthamp04@gmail.com	8078303587	
28 Anshi Antony K	St. Joseph's College Irinjalakuda	MSc	anshiantony1111@gmail.com	9645597311	
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NATIONAL WORKSHOP ON FUNCTIONAL ANALYSIS (NWFA-2020)

Department of Mathematics, Sacred Heart College, Chalakudy

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4	SHREY FERNANDEZ	DEPT. OF MATHEMATICS COASA7	ASSOCIATE PROFESSOR	9846762480	shreyfernandez@yahoo.com





IWM 2020

PARTICIPANT'S LIST

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6	Ms. SREENA T D	ASSISTANT PROFESSOR	SREE NARAYANA COLLEGE, NATTIKA	9562288537	sreenatd100@gmail.com
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16	Dr. Chacko Jose P	Associate Professor of Economics	Sacred Heart College, Chalakydy	9447033292	chackojosep@gmail.com
17	Ms. VIJI A M	Assistant Professor	Sree Kerala Varma College, Thrissur	9496346246	vijiam.am@gmail.com
18	Ms. Fasna K K	Assistant Professor	Royal College of Engineering and Technology	8086867743	fasna@royalcet.ac.in
19	Ms. S. Janani Rollin Preetha	B.Sc., Mathematics Student	Vellalar College for Women (Autonomous)	9344778155	sjanani961@gmail.com
20	Ms. Vaz SRI LAKSHMI E	Assistant Professor	St. Aloysius College (Autonomous), Mangalore	9482726373	rollinvaz1995@gmail.com
21	Ms. k	Post Graduate	University of Calicut	+919995328058	eksrilakshmi@gmail.com
22	Dr. Neethu S.Arrakal	Assistant Professor	Little Flower College,Guruvayur/Calicut University	9995124888	tenu.neethu@gmail.com
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ANSARALI A

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Anna K Seby

BRIDHU T M

bridhutm@gmail.com

Talk Time

Organizer

Attendees

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Celebrating Women in Mathematics

The Post-Graduate department of Mathematics, Sacred Heart College Chalakudy organized a webinar in connection with 'Women in Mathematics Day' during **May 12 and 13, 2020**. This webinar was supported by Committee for Women in Mathematics (CWM).

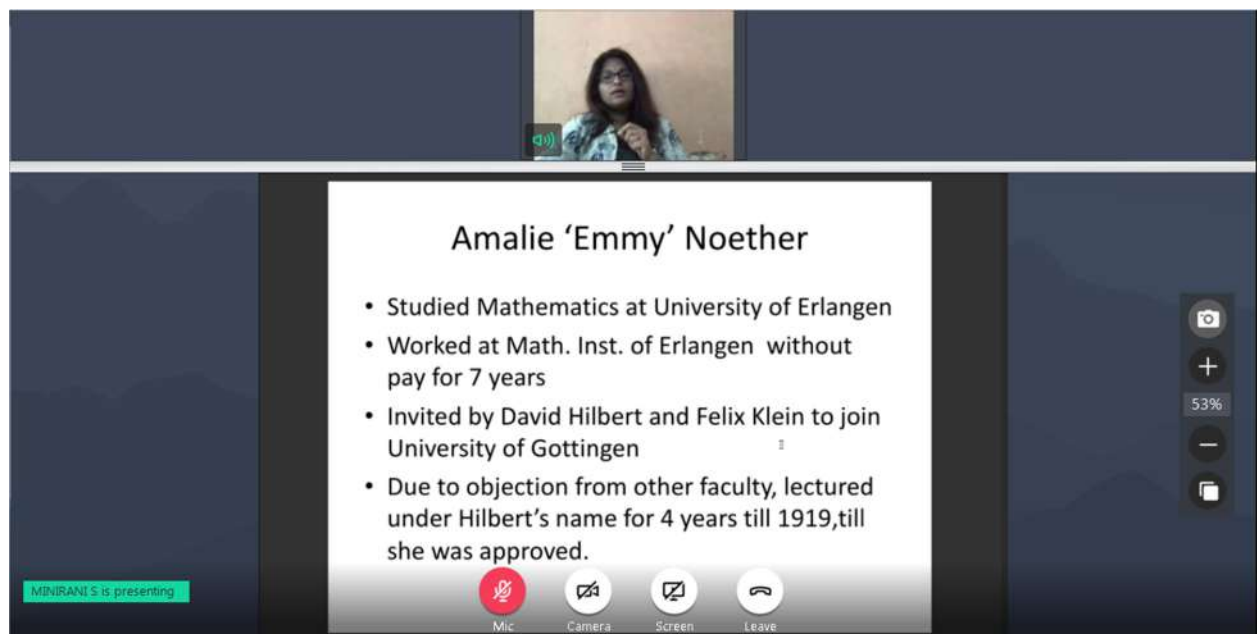
May 12 is selected for 'Women in mathematics day' to honour Maryam Mirzakhani (May 12, 1977 – July 14, 2017). She was the only woman to win a Fields medal for her outstanding contributions to "the dynamics and geometry of Riemann surfaces and their moduli spaces". To celebrate the achievements of women around the world in mathematics and to know more about life and contributions of Maryam Mirzakhani, we organised this live webinar.

May 12, 2020 (10a.m - 11a.m) : Women in mathematics

Speaker: Dr. Minirani S, Associate Professor, Mukesh Patel School of Technology Management and Engineering, NMIMS Deemed University, Mumbai Campus.

May 13, 2020 (3.30p.m-4.30p.m) : Life and contributions of Maryam Mirzakhani

Speaker: Dr. Nikita Agarwal, Associate Professor, IISER Bhopal.



The image shows a screenshot of a Zoom webinar. At the top, there is a small video feed of a woman with glasses and a blue patterned top. Below the video feed is a slide with the following content:

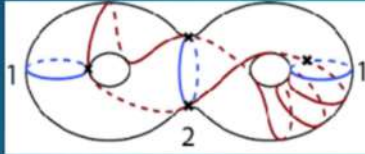
Amalie 'Emmy' Noether

- Studied Mathematics at University of Erlangen
- Worked at Math. Inst. of Erlangen without pay for 7 years
- Invited by David Hilbert and Felix Klein to join University of Gottingen
- Due to objection from other faculty, lectured under Hilbert's name for 4 years till 1919, till she was approved.

At the bottom of the slide, there are four icons: a red microphone icon labeled 'Mic', a camera icon labeled 'Camera', a screen icon labeled 'Screen', and a telephone handset icon labeled 'Leave'. In the bottom left corner of the Zoom interface, there is a green bar that says 'MINIRANI S is presenting'. On the right side, there is a vertical toolbar with a camera icon, a plus sign, a '53%' zoom level indicator, a minus sign, and a document icon.



Counting the simple closed curves



Red curves and all blue curves are simple and closed - none of them intersect themselves

- ♦ *Delsarte, Huber, Selberg, and Margulis*: Prime number theorem on a hyperbolic surface,
 - number of closed curves of length at most $L \sim \frac{e^L}{L}$, as $L \rightarrow \infty$.
- ♦ *Mirzakhani*: on a hyperbolic surface X of genus g (number of holes),
 - number of simple closed curves of length at most $L \sim c(X)L^{6g-6}$,
 - $c(X)$: constant depending on the space X in a very 'nice' way.

Nikita Agarwal, IISER Bhopal is presenting



Ada Augusta Byron Lovelace

1815-1852



Born in London, England.

- Father was English Poet Lord George Byron.
- Dreamed of meeting Mary Somerville.
- Babbage - "The Difference Machine".
- Babbage - "The Analytical Machine".
- Countess of Lovelace.
- Ada translated an article into English.
- She added notes on the limitations and powers of the machine.
- Signed A.A.L. as unfeminine.
- She thought the computer may be able to create music.
- Cancer of the uterus.
- First to articulate the methodology of computer programming.
- Computer programming language named Ada in her honor.

MINIRANI'S is presenting



POST-GRADUATE DEPARTMENT OF MATHEMATICS

SACRED HEART COLLEGE CHALAKUDY

(<http://www.sacredheartcollege.ac.in>)

Railway Station Road, Chalakudy, Thrissur, Kerala - 680307, India

Re-accredited by NAAC with A+ grade in 2017



Celebrating Women in Mathematics

INTERNATIONAL WEBINAR

On MAY 12, 13 2020

Supported by Committee for Women in Mathematics (CWM)

Link for registration: <https://forms.gle/hFrCShU2UYDuz5FT6>

About the Webinar: May 12 is selected for 'Women in mathematics day' to honour Maryam Mirzakhani (May 12, 1977 – July 14, 2017). She was the only woman to win a Fields medal for her outstanding contributions to "the dynamics and geometry of Riemann surfaces and their moduli spaces". To celebrate the achievements of women around the world in mathematics and to know more about life and contributions of Maryam Mirzakhani, we are organising this live webinar. There is no registration fee and all participants will get e-certificate.

May 12, 2020 (10a.m - 11a.m) : Women in mathematics



Speaker: Dr. Minirani S, Associate Professor, Mukesh Patel School of Technology Management and Engineering, NMIMS Deemed University, Mumbai Campus.

May 13, 2020 (3.30p.m-4.30p.m) : Life and contributions of Maryam Mirzakhani



Speaker: Dr. Nikita Agarwal, Associate Professor, IISER Bhopal.

Organising Committee:

Dr. Vijitha Mukundan (Coordinator) (Ph. +919744503525)

Dr. Nidhin T J (Coordinator) (Ph. +917019044663)

Ms. Smitha Davis (HoD Maths)

Ms. Linet Roslin Antony

Ms. Amala Mary George

STAY HOME, STAY SAFE, BE CONNECTED.

A huge number of participants all over India, attended this two day webinar through Gotomeeting platform. Certificates were issued to all the participants and resource persons. Moreover, we received excellent feedback from all the participants.

International Seminar in Theory of Semi Groups

The Post-Graduate department of Mathematics, Sacred Heart College, Chalakudy organized an International Seminar in Theory of Semi Groups sponsored by Kerala State Council for Science, Technology and Environment and supported by DST, Govt. of India, in connection with 'National Mathematics Day' on 27th February 2020. The event was organized in honor of Late Dr. K.S.S. Nambooripad, a world-famous Kerala Mathematician who passed away on January 2020. There were around 60 participants from various colleges in Kerala.

Session 1: Theory of Regular Semigroups: 'Nambooripad's Perspective'

Speaker: Dr. Azeef Muhammed P A, Assistant Professor, Prince Muhammed Bin Fahd University, Kingdom of Saudi Arabia, Post Doctoral Fellow, Ural Federal University, Russia

Session 2: Mathematical Enrichment Program

Speaker: Dr. Ramyamol P C, Assistant Professor, Govt. Poly Technic, Vechoochira.



Talk by Ramyamol P C



Talk by Dr. Azeef Muhammed P A



Group Photo



Inauguration Function.

K. S. S. Nambooripad

K. S. S. Nambooripad (born 6 April 1935) is an Indian mathematician who has made fundamental contributions to the structure theory of regular semigroups. Nambooripad was also instrumental in popularising the TeX software in India and also in introducing and championing the cause of the free software movement in India

He was with the Department of Mathematics, University of Kerala, since 1976. He served the Department as its Head from 1983 until his retirement from University service in 1995. After retirement, he is associating with the academic and research activities of the Center for Mathematical Sciences, Thiruvananthapuram in various capacities.

Ms. Smitha Davis
(Assistant Professor, Head of the department)

✉ nandithadavisjm@gmail.com
☎ 8156977780

Ansalit Poulose
(Student Co-ordinator)

✉ ansalitkpoulouse2127@gmail.com
☎ 7594033100

About The College

Built up in a divinely luscious green garden with soothing perpetual breeze, near to the Chalakudy River, Sacred heart College offers a conducive ambience for achieving academic excellence and for nurturing creativity. The college secured the topmost grade with A+ (3.55), among the non-autonomous colleges in Kerala in the re-accreditation (third cycle) by NAAC. Upholding the motto 'Lux in Tenebris luce' (Light shines in Darkness), the college has been emerging as a leading institution in higher education in both academic as non-academic ventures

KSCSTE

The Kerala State Council for Science, Technology & Environment (KSCSTE) is an autonomous body under the ministry of Science & Technology, Kerala, constituted in November 2002 to be an agency for change and development through science & technology. The council promotes and activates programmes for increasing the stock of knowledge in Science. KSCSTE is co-ordinating the state level activities in connection with the observance of National Science Day.

NATIONAL SCIENCE DAY Celebrations

& Seminar on THEORY OF REGULAR SEMIGROUPS

In honour of
Dr. K.S.S Nambooripad



Organised by POST-GRADUATE

Department of Mathematics
sponsored by Kerala State Council for Science,
Technology and Environment (KSCSTE)
and supported by DST Govt. of India



SACRED HEART COLLEGE
Railway Station Road, Chalakudy
Thrissur, Kerala - 688307, India
phone +91 480 2701159, +91 480 2704048
Email: hcollegeky@gmail.com
Re-accredited by NAAC with A+ (3.55)



Dr. Azeef Muhammed P.A
 Assistant Professor
 Prince Mohammad Bin Fahd University,
 Kingdom of Saudi Arabia
 Post Doctoral Fellow
 Ural Federal University, Russia



Dr. Ramyamol P.C
 Assistant Professor
 Govt. Poly Technic
 Vechoochira

Inter Department Competition

- Presentation Competition
- Poster Making

Date: 27th February 2020
 Registration Time: 8.30 am
 (No registration fees)
 Students should bring their lunch

Programme

- 9.00-10.00 : **Inaugural Session**
 (Tribute video to Dr. K.S.S. Nambooripad)
- Welcome speech : **Ms. Smitha Davis**
 (Head, Co-ordinator)
- Presidential Address : **Rev. Dr. Sr. Irene** (Principal)
- Inaugural Address : **Dr. Azeef Muhammed P.A**
- Felicitation : **Athira A.S**
 (Association secretary)
- Vote of Thanks : **Ansalit Poulouse**
 (Student Co-ordinator)
- 10.00-10.15 : Tea Break
- 10.15- 12.15 : **Session 1**
 Talk by **Dr.Azeef Muhammed P.A**
 on *Theory of Regular Semigroups*
 'Nambooripad's Perspective'
- 12.15 -1.15 : Lunch Break
- 1.15- 3.00 : **Session 2**
 Mathematics Enrichment
 Program
Dr. Ramyamol P.C

Organising Committee

- Rev. Dr. Sr. Irene**
 (Principal)
- Ms. Smitha Davis**
 (Asst-Professor, Head of the department
 Co-ordinator)
- Ms. Linet Roslin Antony**
 (Asst-Professor)
- Dr. Nidhin T.J**
 (Asst-Professor)
- Dr. Vijitha Mukundan**
 (Asst-Professor)
- Ms. Geethu Simon**
 (Ad-Hoc Faculty)
- Ms. Geethika P.R**
 (Ad-Hoc Faculty)
- Ms. Jiji Paul A**
 (Ad-Hoc Faculty)
- Mr. Rahul M Raju**
 (Ad-Hoc Faculty)

*The mathematics fraternity of S.H. college is
 delighted to welcome you to this academic
 programme, to enhance your knowledge in
 Regular semigroup and for academic.*

National Enrichment Program in Mathematics 2020

A ten day workshop was conducted during 15-24 July 2020 for the undergraduate students all over India to develop their knowledge in Mathematics. The program aimed to facilitate the students in preparing for entrance exams for the postgraduate studies by conducting lectures, providing assignments and conducting testpapers. The resource persons were Dr A Vijayakumar, Dr Didimos K V, Dr Shinto K G, Dr Dalu Jacob, Mr Tonny K B, Dr Vijitha Mukundan, Dr Nidhin T J and Ms Linet Roslin Antony. About 200 students participated in this program and considering their participation, 193 were provided with certificates.



NATIONAL ENRICHMENT PROGRAM IN MATHEMATICS 2020

ORGANISED BY
POST GRADUATE DEPARTMENT
OF MATHEMATICS
SACRED HEART COLLEGE
CHALAKUDY

SACRED HEART COLLEGE CHALAKUDY

N.E.P.M 2020
Date : 15-24 July 2020

About the College.
Sacred Heart College offers a conducive ambience for achieving academic excellence and for nurturing creativity. The college secured the topmost grade with A+ among the non-autonomous colleges in Kerala in the re-accreditation by NAAC. Upholding the motto "Lux in Tenebris Luceat" (Light shines in Darkness), the college has been emerging as a leading institution in higher education both in academic and non-academic ventures.

National Mathematics Day 2020


A webinar was conducted in connection with National Mathematics Day which is widely celebrated every year to commemorate the birth anniversary of Srinavasa Ramunajan. The resource person Dr. ASHISH AWASTHI, NIT Calicut delivered a talk on the topic “Singular value decomposition and its applications” on December 30, 2020. Faculties, Researchers and students of various colleges and institutions from all over India, actively participated in this online webinar.


NATIONAL MATHEMATICS DAY

SACRED HEART COLLEGE FOR WOMEN, CHALAKUDY
 RE-ACCREDITED BY NAAC WITH A+ GRADE (CGPA 3.55)
<http://www.sacredheartcollege.ac.in/>

**WEBINAR ON
 SINGULAR VALUE
 DECOMPOSITION
 & ITS APPLICATIONS**

Organized by
Post-Graduate Department of Mathematics


 RESOURCE PERSON
DR. ASHISH AWASTHI
 NIT Calicut

Date: December 30, 2020
 Time: 2 pm
 Platform: 

Registration link:
<https://forms.gle/u7vZLTiCaZtrESiMS>

No registration fee
 E-certificate will be provided

COORDINATORS: DR. VAITHA MUKUNDAN, MS. LINET ROSLIN ANTONY



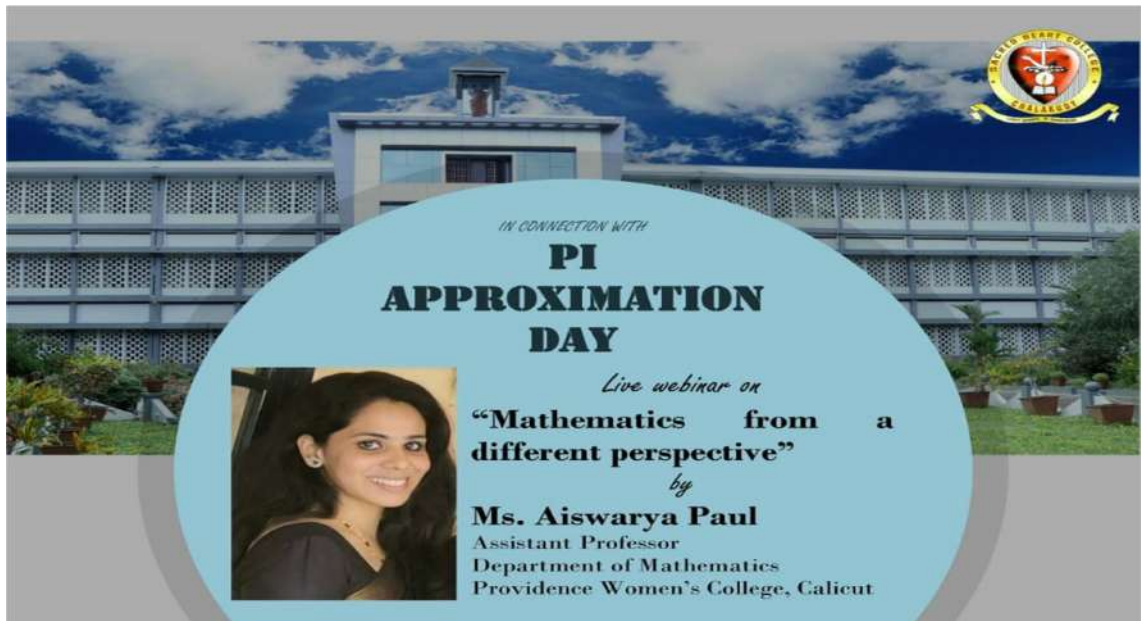
National Mathematics Day 2020

117 views • Jan 12, 2021

 8  0  SHARE  SAVE ...

Pi Approximation Day 2020

A webinar in connection with Pi Approximation Day was organized for all the students of the Department of Mathematics on 22 July 2020. The Programme was aimed to celebrate Pi Approximation Day and all students from the college who were interested in Math actively participated. Ms. Aishwarya Paul, Assistant Professor and Head, Department of Mathematics gave a live session on “Mathematics from a Different Perspective”. E-certificates were provided. Almost 121 active participants attended the workshop.



IN CONNECTION WITH

PI APPROXIMATION DAY

Live webinar on
“Mathematics from a different perspective”
by
Ms. Aishwarya Paul
Assistant Professor
Department of Mathematics
Providence Women’s College, Calicut

Organized by,
Post-Graduate Department of Mathematics
Sacred Heart College, Chalakudy
Thrissur District
Kerala

Date: **25/7/2020**
Time: **3:00 pm**
Platform: **GoToMeeting**

The image shows a YouTube video player interface. The video content features a dark grey background on the left with the title "MATHEMATICS FROM A DIFFERENT PERSPECTIVE" in yellow-green capital letters. A bright green diagonal line separates this text from a photograph on the right. The photograph depicts a minimalist desk setup with a round wooden clock, a white desk lamp, and a potted plant. A small inset video in the top-left corner shows a woman in a pink top. The video player's control bar at the bottom includes a progress bar at 29:10 / 1:26:10, and icons for play/pause, volume, closed captions, settings, and full screen.

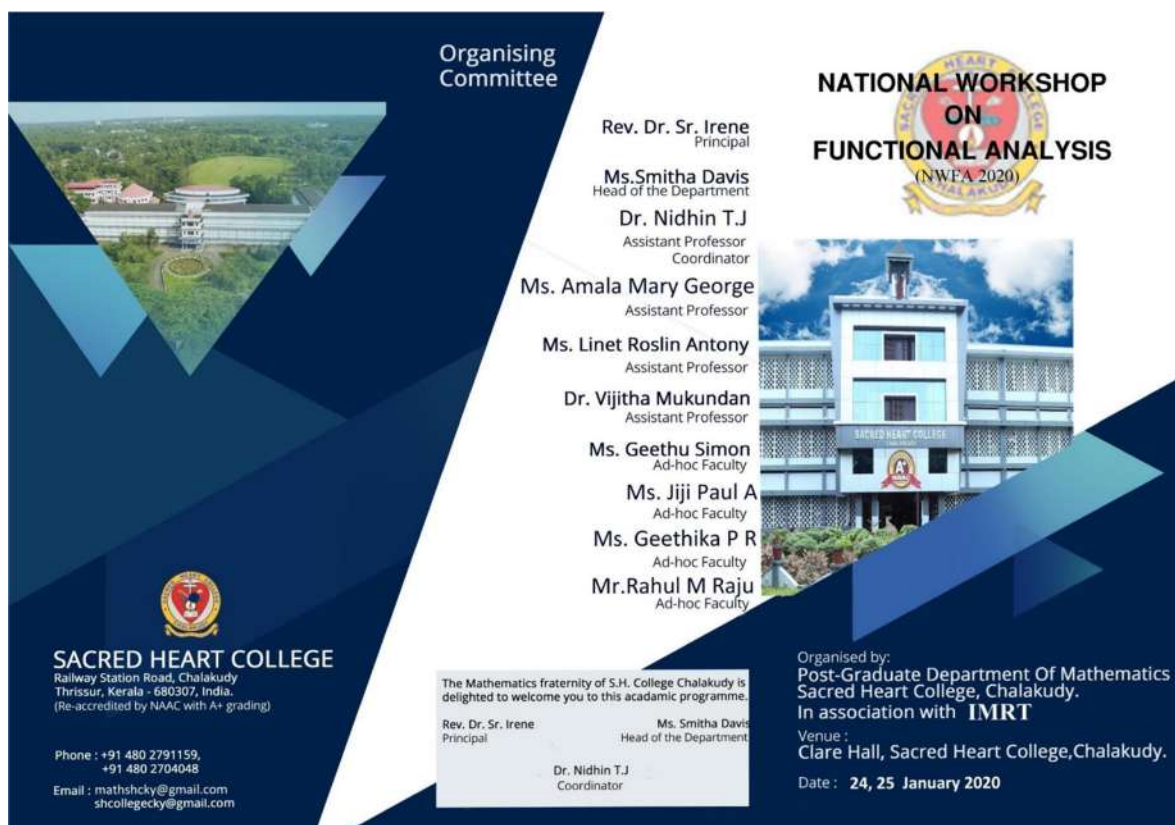
MATHEMATICS FROM A DIFFERENT PERSPECTIVE

29:10 / 1:26:10

Webinar in association with Pi Approximation Day 2020 @ SHC

National Workshop on Functional Analysis

A two day National Workshop on Functional Analysis for the first and second years of MSc programme and third year of BSc Programme in Mathematics was organized by the Department of Mathematics during 24, 25 January 2020. The workshop was conducted motivated students to learn this area, Functional Analysis, in Mathematics seriously and deeply. Also, the workshop equipped the learners for working out problems in the area. The resource persons were Prof. E Krishnan, Dr. A R Rajan, Dr. Ramesh Kumar and Dr. M N N Nambhoodhiri. Almost seventy active participants attended the workshop.



The poster features a dark blue background with geometric shapes. On the left, there is an aerial view of Sacred Heart College. On the right, there is a photograph of the college's main building. The text is arranged in a structured layout, including the organizing committee, a list of resource persons, and contact information for the college and the mathematics fraternity.

Organising Committee

Rev. Dr. Sr. Irene
Principal

Ms. Smitha Davis
Head of the Department

Dr. Nidhin T.J
Assistant Professor
Coordinator

Ms. Amala Mary George
Assistant Professor

Ms. Linet Roslin Antony
Assistant Professor

Dr. Vijitha Mukundan
Assistant Professor

Ms. Geethu Simon
Ad-hoc Faculty

Ms. Jiji Paul A
Ad-hoc Faculty

Ms. Geethika P R
Ad-hoc Faculty

Mr. Rahul M Raju
Ad-hoc Faculty

**NATIONAL WORKSHOP
ON
FUNCTIONAL ANALYSIS
(NWFA 2020)**

SACRED HEART COLLEGE
Railway Station Road, Chalakudy
Thrissur, Kerala - 680307, India.
(Re-accredited by NAAC with A+ grading)

Phone : +91 480 2791159,
+91 480 2704048
Email : mathshcky@gmail.com
shcollegecky@gmail.com

The Mathematics fraternity of S.H. College Chalakudy is
delighted to welcome you to this academic programme.

Rev. Dr. Sr. Irene
Principal

Ms. Smitha Davis
Head of the Department

Dr. Nidhin T.J
Coordinator

Organised by:
Post-Graduate Department Of Mathematics
Sacred Heart College, Chalakudy.
In association with **IMRT**
Venue :
Clare Hall, Sacred Heart College, Chalakudy.
Date : **24, 25 January 2020**

About the College.
Sacred Heart College offers a conducive ambience for achieving academic excellence and for nurturing creativity. The college secured the top most grade with A+ among the non autonomous colleges in Kerala in the re-accreditation by NACC. Upholding the motto "Lux in Tenebris Lucet" (Light shines in darkness), the college has been emerging as a leading institution in higher education both in academic as well as non-academic ventures.

About the Department.
The department of Mathematics commenced in the year 1981 under the leadership of Rev. Sr. Alben. The department has been elevated to post-graduate department in 2014. The faculty of department have research degrees from IIT, NIT and reputed universities. Diversified academic and non-academic activities have been under taken by the department to trigger interest in students for pursuing higher studies in Mathematics.

About the Workshop
Functional analysis is a branch of mathematical analysis that deals with the study of vector spaces endowed with certain topologies and linear maps defined on these spaces. The workshop aims at providing a thorough introduction into the foundations of functional analysis. All the sessions are sequentially arranged.

About the IMRT.
The Institute of Mathematics Research and Training was established in 2015 under the leadership of Dr. K. S. S. Nambooripad. One of the objectives of the institute is to conduct educational training programmes for teachers, researchers and students of schools, colleges and universities.



Program Schedule

24th January 2020

9:00am-9:30am	: Registration (Rs.150/ Lunch will be provided)
9:30am-10.00am	: Inaugural Function
Welcome	: Ms. Smitha Davis
Presidential Address	: Rev. Dr. Sr. Irene
Inaugural Address	: Dr. A.R. Rajan
Felicitation	: Prof. Dr. E. Krishnan
Vote of thanks	: Dr. Nidhin T.J
10:00am-10.15am	: Tea Break
10:15am-12.45pm	: Session 1 (Prof. Dr. E. Krishnan)
12:45pm-1.30pm	: Lunch Break
1:30pm-4.00pm	: Session 2 (Dr. A.R. Rajan)

25th January 2020

9:30am-10.40am	: Session 3 (Dr. P. Rameshkumar)
10:45am-11:00am	: Tea Break
11:00am-12:pm	: Session 3(continued)
12:00pm-1:00pm	: Lunch Break
1:00pm-3:00pm	: Session 4 (Prof. M.N. Narayanan Namboothiri)
3.00pm-3.30pm	: Valedictory Function



Prof. Dr. E. Krishnan
Professor and Head (Retd.),
Department of Mathematics,
University College,
Thiruvananthapuram



Dr. A.R. Rajan
Director of Encyclopedia
Former Professor and Head,
Department of Mathematics,
University of Kerala,
Thiruvananthapuram



Dr. P. Rameshkumar
Assistant Professor
Department of Mathematics
University of Kerala
Kariavattom Campus.



Prof. M. N. Narayanan Namboothiri
Emeritus Scientist (KSCSTE)
Department of Mathematics
Cochin University of Science and
Technology.





AQAR 2020-21

ENGLISH

Criterion III - RESEARCH, INNOVATIONS AND EXTENSION

SUB CRITERION -3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year.



SACRED HEART COLLEGE FOR WOMEN, CHALAKUDY

Re-accredited by NAAC with A+ grade (CGPA 3.55 out of 4)

Four Day
National Webinar
on

TRANSLATING BOUNDARIES: NATION CULTURE & BODY

The Department of English in association with IQAC of Sacred Heart College for Women, Chalakudy is organising a Four day National Webinar Series on **Translating Boundaries: Nation, Culture and Body** from 23 March 2021 to 26 March 2021 at 10.30 am through **Google Meet platform and YouTube Live**.

Concept Note:

The fear of transgression leads to the creation, fixation or extension of boundaries and translations succinctly impart expression to the nuances of such transgressions. Meanings are born when the cultural, the literary and the sociological boundaries are transgressed. The webinar, *Translating Boundaries: Nation, Culture and Body*, attempts to encompass the discussions on the discourses of gender, language and culture on translations, the limits of imagination which is constantly surpassed in Indian English fiction, the digressions in youth subculture and the epidermal metaphors with their implications in literature.

Ms. Sandra Juliet Jose
Webinar Coordinator

Ms. Bindu Jose
Head, Department of English

Dr. Sr. Irene
Principal



DAY 01

23 March 2021

Dr. Sanju Thomas

Assistant Professor, School of Letters, Ambedkar University Delhi on
Translating Women: Negotiations of Gender, Language and Culture

DAY 02

24 March 2021

Ms. Chaithanya Elsa Achankunju

Assistant Professor and Head, Department of English,
Mar Thoma College for Women, Perumbavoor on **Youth Subcultures:
A Discourse on Confrontations and Counterblasts**



DAY 03

25 March 2021

Ms. Amal P. Mathews

Assistant Professor, Department of English, Assumption College
(Autonomous), Changanacherry on **Surpassing Limits of Imagination: Changing
Trends in Indian English Fiction**

DAY 04

26 March 2021

Dr. Elwin Susan John

Assistant Professor, Department of English, Sophia College,
Mumbai on **Literature and Epidermal Metaphors**



E-certificates will be issued to all who submit the feedback form.

Click Here to register

<https://forms.gle/ySitTwmemNcSmUEu6>

Queries at 9496582727 /
webinarshc@gmail.com

Organising Committee
Dr. Sr. A. Princy Anto
Ms. Darly Mathew
Ms. Noble A. Paliath

Ms. Femin Sunny
Ms. Anju Rose Anto
Ms. Keerthana P. K.
Sr. Alphonsa

Join us at
meet.google.com/iwj-nfyt-cra
Live Telecast: Sacred Heart College Chalakudy
(Official  Channel)

NAME	DESIGNATION
A. Jegan Paul	Assistant Professor
Josemi Jose	UG Student
Priyanka Chakraborty	PG Student
BEULA RANI.G	Research Scholar
Joyson Jose	Guest Lecturer
Tony Thomas	Assistant Professor
S.Keerthana	Assistant Professor
Parvathi	Research Scholar
S.Vidhya	Assistant Professor
Mini Rajan	Assistant Professor
Madhumita Nayak	Research Scholar
ARYA V N	Research Scholar
P. Vivek Babu	Assistant Professor
Hima Harry	Guest Lecturer
Ms.Anu Filda Varghese	Guest Lecturer
Gnaneswara T N	Assistant Professor
Devu M Suresh	Lecturer
LAVANYA S	Research Scholar
MURSHIDA K T	PG Student
Anupama P	Research Scholar
MURUGANANDHAM N	Research Scholar
J. Snow Berry	PG Student
Sarwat Shamsi	Assistant Professor
Pompi Phukon	PG Student
Sephora Jose	Research Scholar
Preetee Dwivedi	Research Scholar
AdhiraSree K	Student
Poovarasana.S	PG Student
NANDHINI M	PG Student
M Meenatchi	PG Student
Manish Kumar D K	PG Student
ADILA FIROZ	UG Student
Swetha.c	PG Student
Sekabat Alli	Lecturer
G. VETRIVEL	PG Student
Athulya M Rathnakumar	UG Student
Afreena. K. R	UG Student
VaitheeshwariG	Student
Akshaya. P	UG Student
Sangeetha.k	UG Student
Sajitha o.s	UG Student
Gayathri Varma U	Research Scholar
TASHKEEL HAIDER NAZMI	Assistant Professor
M.Abirami	UG Student
Resmi Raju	PG Student
K.Gokul	PG Student
Anit Mary George	UG Student
Ankitha Suresh	UG Student
BEULA RANI. G	Research Scholar
Megha Santhosh	Research Scholar

Aswathy Chandragiri	Research Scholar
V REJULIN JERIN KUMAR	Assistant Professor
Vishnu S P	Research Scholar
Ms Poorva Gulati	Assistant Professor
Linda P Joseph	Assistant Professor
Ms. Noble A. Paliath	Assistant Professor
AMRUTHA SIVARAMAN	PG Student
M.SURESH	PG Student
Geetanjali Tiwari	Associate Professor
KISHOR RAMDAS SHELKE	Assistant Professor
Sangeetha.k	UG Student
Sruthi AP	Assistant Professor
ANJANA MOHANAN	PG Student
R.MANJULA DEVI	Assistant Professor
E.A Surya	PG Student
RAMACHANDRA WANI	Research Scholar
Hari Lal Kori	Research Scholar
Abhilasha	Research Scholar
Prikshit Singh	Research Scholar
Dr Tarun Raval	Assistant Professor
Reshma Jose	Research Scholar
Delna Daly	Student
Pooja Rajendran	Assistant Professor
Anagha Naresh Kumar	PG Student
BISWAJEET MOHANTA	Associate Professor
Muthu M	Teacher
Athira K V	PG Student
SREEEPARNA SENGUPTA	Student
Pooja Sharma	Research Scholar
AMRUTHA SIVARAMAN	PG Student
ATHIRA V.M	PG Student
RACHEL JOY	Student
KARTHIKA MANOJ	PG Student
BIYAMOL P.H	UG Student
Sudhakar Shakya	Assistant Professor
BEULA RANI.G	Research Scholar
Angel Shaju	UG Student
Anriya David	UG Student
P.Gold Anna Vashni	Research Scholar
AMITA RAJ GARGEY	Professor
Leena Stanley	Research Scholar
Ashwini Maruti Kshirsagar	Student
K P Sree Lekshmi	Research Scholar
Sai keerthana raj	UG Student
Anupama G	Research Scholar
Priyanka Chakraborty	PG Student
Anjana S	Research Scholar
Priyanka T Prasad	UG Student
P S Gayathri	UG Student
Little Rose MJ	UG Student
Merin.B.Chiramel	PG Student
G Sagayaselvi	Assistant Professor
S. Krishna Devi	Assistant Professor
Soumya S J	Research Scholar
SEEMA SHARMA	Professor

Lizmol Joseph	Assistant Professor
Sruthi S	Research Scholar
Gemmema N. Pablo	Teacher
V. POONKUZHALI. M.A., M.	Research Scholar
Devu B. Shankar	Research Scholar
Dr. D. Vijayaraghavan	Associate Professor
A.Rathi Prabha	Assistant Professor
Priyanka M. C.	Assistant Professor
Purnima S Kumar	Assistant Professor
E.LATHA	Assistant Professor
Preetee Dwivedi	PG Student
NEETHU A NAIR	Research Scholar
Afsara Raheen	Research Scholar
Anitta Thomas	UG Student
IMRAN HUSSAIN	Research Scholar
Vishnupriya.k.v	PG Student
SAJENA A	Research Scholar
Ansa Roy	UG Student
Ayesha Sana PNP	UG Student
HIMANCHALA SINGH	Research Scholar
Soubhagya S.P.	Research Scholar
ANAND ARVIND KAMBLE	Assistant Professor
JACQUILINE J FELIX	Research Scholar
ER GHANSHYAM DAS GAF	Assistant Professor
Dr.RuniDas	Associate Professor
PUEC I ENG DEVIKA S	Student
V Rejulin Jerin Kumar	Assistant Professor
MELWIN A	Assistant Professor
Swarnamayee Purohit	Associate Professor
Ali Safdar Naqvi	Student
M.Devi	PG Student
NARESH U C	Assistant Professor
Abha Singh	Assistant Professor
Sivakumar R D	Assistant Professor
Stephy vs	UG Student
Dr.Nareshkumar A Parmar	Assistant Professor
Safa.V.J	UG Student
AMIT KASHYAP	Assistant Professor
Hala Anis	UG Student
Nisha Tojo	UG Student
Ms. Sheehan S. Khan	Assistant Professor
BHARATHAMURTHY J	PG Student
Sree Lakshmi K	Research Scholar
TONLAGHA Margret (CLN)	Teacher
GOVINDAPRIYA.M	PG Student
Mrs. Shashi Bala	Assistant Professor
DR.D.JACQUELINE PERIAM	Associate Professor
Dhanya Alphonsa Chacko	Research Scholar
Neetha Anna Binoy	PG Student
DIYA PAULY	UG Student
MALINI CHONGDER	Research Scholar
S.R ASWATHY	Research Scholar
Bidyadhar Dash	Associate Professor
A.John Paul Boopathi	Assistant Professor
Dr.A. Poongodi	Assistant Professor

MONISHA M.	Research Scholar
Devika Sunilkumar	PG Student
SATHIYA BAMA T	Assistant Professor
V. Abinaya Shree	PG Student
Drisya Subran	PG Student
ARCHANA S KUMAR	PG Student
Dharamdeep Randev	PG Student
Rahna PR	PG Student
Jilna Jose	PG Student
T. Aswathi	PG Student
Ganga vinayakumar	UG Student
Swapnil Subhash Gosavi	Teacher
C.A.Abil Rose	PG Student
Sofiya Davis	PG Student
Sherly M D	Associate Professor
ASHMITHA SWEETLIN. M	Assistant Professor
Ashitha K	Assistant Professor
Aswathy ps	UG Student
Gurpreet Kaur	Assistant Professor
Dr. Ingle Sandip Arun	Associate Professor
Kaviyarasan K	Guest Lecturer
KRIPAMOL K M	PG Student

Anjali T S	UG Student
Niranjana K S	UG Student
Krishna mookambika m.v	UG Student
Thushara Poulouse	UG Student
ANGEL ROSE LALU	UG Student
Ann Maria G Palliyan	UG Student
SEEMA SHUKLA	Assistant Professor
SANDRA FRANCIS	UG Student
Ms.Swathy K Chandran	Associate Professor
Anjali K	UG Student
Gishma suresh	UG Student
Anna Grace Biju	UG Student
Angel Paul	UG Student
Ciya Shaju	UG Student
Ms. Aleena N shaju	UG Student
Riswana P.R	UG Student
Mr.SAKTHIVEL .M	PG Student
Sania shine	UG Student
Rekha S N	Assistant Professor
Jameel Ahmed Khan	Teacher

Report on National Webinar(23.03.21- 26.03.21)

The National Webinar series on "Translating boundaries: Nation,culture and body" was conducted by the department of English in Association with the IQAC of Sacred Heart College for women Chalakudy from 23rd march 2021 to 26th March 2021. The inaugural ceremony commenced on 23rd March 2021 at 10:30 a.m. with prayer followed by a welcome address by Ms.Bindu Jose, Associate Professor and Head of the department of English Sacred Heart College Chalakudy. The ceremony was inaugurated and presided over by Rev.Dr. Sr. Irene, Principal, Sacred Heart College, Chalakudy. Dr. Sanju Thomas, Assistant professor, Ambedkar University Delhi deliberated on the topic "Translating women: Negotiations of gender, language and culture. The program concluded at 11:45 a.m. with the vote of thanks by Ms.Femin.K.Sunny, Assistant professor on contract,department of English.

The second session was conducted on 24th March 2021 starting with the prayer at 10:30 a.m. Ms.Darly Mathew,Assistant professor, department of English extended the welcome address followed by a discussion on "Youth subcultures:A discourse on confrontation and counterblast" by Ms.Dhanya Elsa Achankunju, Assistant Professor and head Marthoma College for women Perumbavoor. The Discussion came to an end at 11:30 a.m. with the proposal of vote of thanks by Miss Anju Rose Anto, Assistant professor on contract department of English.

25th March 2021 saw the third session of the National Webinar. The session opened with a prayer followed by the welcome note by Sr. Alphonsa, Assistant professor on contract, department of English. A discourse on "Surpassing limits of imagination:Changing trends in Indian English fiction" was led by Ms.Amal P. Mathew's,Assistant Professor, department of English, Assumption College, Changanacherry. The discourse was concluded at 11:30 A.M. with the extention of gratitude by Ms. Keerthana P.K.

The final session on 26th March 2021 is initiated with the prayer, followed by the welcome address by Rev. Dr. Sr. Princy and Assistant Professor, department of English and Vice Principal Sacred Heart College, Chalakudy. The valedictory function was inaugurated and presided over by Rev. Dr. Sr. Irene,Principal, Sacred Heart College Chalakudy. Ms. Shirley Jose K, Associate Professor, Department of Economics and IQAC coordinator felicitated the virtual gathering. Dr Elwin Susan John, Assistant Professor, Department of English, Sophia College, Mumbai marshalled diverse ideas on "Literature and Epidermal Metaphors." Vote of thanks by Ms. Sandra Juliette Jose, Assistant Professor, Department of English and webinar coordinator,served as an epilogue and marked the end to the four-day National webinar on "Translating boundaries: Nation culture and body." Delegates from umpteen colleges across the nation served as active participants throughout the webinar.

DAY 3

The screenshot shows a Google Meet interface during a webinar. The main content area displays a presentation slide with the following text:

THE BEGINNING
Rajmohan's Wife - 1864 - Bankimchandra Chattopadhyay
Regarded as the first Indian novel in English

Below the slide, there are three circular icons for audio, video, and chat. The audio icon is red with a slash, indicating it is muted. The video icon is white with a slash, indicating it is off. The chat icon is red with a slash, indicating it is disabled.

On the right side, there is a sidebar with the following elements:

- Meeting title: National Webinar on Translating B...
- People (58)
- Chat
- Add people
- IN CALL list:
 - Sacred Heart Coll... (You)
 - Abhilasha I
 - Amal P Mathews
 - Amal P Mathews Presentation
 - Amrutha Sivaraman
- Turn on captions
- Amal P Mathews is presenting

At the bottom of the screen, there is a Windows taskbar with several application icons and a system tray showing the time as 10:50 on 23-03-2021.

Meet - National Webinar on ... x | Fwd: SURPASSING LIMITS C... x | +

meet.google.com/wj-nfyt-cra?pli=1&authuser=0

Apps | M.A. English Study... | Gmail | YouTube | Maps

Sharing mail.google.com to meet.google.com | Stop | Share this tab instead

You are presenting

You're presenting to everyone

Stop presenting

Presentation audio

National Webinar on Translating B... x

People (39) | Chat

LIBRARY SUPERINTENDENT,
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CHENNAI-36, TAMILNADU, INDIA.
E-Mail: mmuthu78@gmail.com
Mobile Number: 0-9442666016

Biswajeet Mohanta 10:33 AM
A superfine morning to all the super talented resource persons, super educators and super scholars present in this super splendid virtual platform of intellectual interaction...
Reader Chitrada College Odisha

Send a message to everyone

National Webinar on Translating Boundaries: ... ^

Turn on captions | You are presenting

SURPASSING LIMITS...pdf | Show all x

Windows taskbar: 11:57 23-03-2021

Meet - National Webinar on ... x | Fwd: SURPASSING LIMITS C... x | +

meet.google.com/wj-nfyt-cra?pli=1&authuser=0

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Sharing mail.google.com to meet.google.com | Stop | Share this tab instead

You are presenting

You're presenting to everyone

Stop presenting

Presentation audio

National Webinar on Translating B... x

People (39) | Chat

Hari Lal 10:57 AM
Very Very Good Morning to all participants in today's Webinar. Hari Lal Kori Research Scholar Department Of English And Other Foreign Languages Dr. Shakuntala Misra National Rehabilitation University Lucknow U.P (India)

Sudhakar Shakya 10:57 AM
Good Morning Everyone
Prof. Sudhakar Shakya

Send a message to everyone

National Webinar on Translating Boundaries: ... ^

Turn on captions | You are presenting

SURPASSING LIMITS...pdf | Show all x

Windows taskbar: 11:38 23-03-2021

Meet - National Webinar on ... x Fwd: SURPASSING LIMITS O... x +

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Apps M.A. English Study... Gmail YouTube Maps

Sharing mail.google.com to meet.google.com Stop Share this tab instead

You are presenting

You're presenting to everyone

Stop presenting

Presentation audio

Amal P Mathews Sacred Heart College

Diya Treasa Sacred Heart College ...

Biya Harikumar Sudhaker Shakya

National Webinar on Translating B... x

People (39) Chat

Gayathri P.S. 11:05 AM
Yee ma'am

You 11:15 AM
Today's feedback form
<https://forms.gle/s3MyphdCYeaPs73F56>

Biswajeet Mohanta 11:16 AM
Incredibly valuable and stimulating talk...

Send a message to everyone

National Webinar on Translating Boundaries: ... ^

Turn on captions You are presenting

SURPASSING LIM...pdf Show all x

Windows Taskbar: 11:39 29-01-2021

Meet - National Webinar on ... x Fwd: SURPASSING LIMITS O... x +

mail.google.com/mail/u/0/#inbox/FMfcgpxwLrGjKrIBzgbGQzDxfZHfLHRpr?projector=1&messagePartId=0.1

Apps M.A. English Study... Gmail YouTube Maps

Sharing this tab to meet.google.com Stop

← SURPASSING LIMITS OF IMAGINATION IN INDIAN ENGLISH FICTION.pdf Open with Google Docs

Compose

Inbox Starred Sent Drafts

Meet New meeting Join a meeting

Hangouts Sacred Heart ...

MANU JOSEPH

Serious Men - 2010

- The underdogs of the society
- Caste politics
- Glaring contradictions of Indian society
- Positioning of powerful men

Page 12 / 13


SURPASSING LIM...pdf Show all x

Windows Taskbar: 11:44 29-01-2021

Meet - National Webinar on ... x Fwd: SURPASSING LIMITS OF I... x +

meet.google.com/wj-nfyt-cra?pli=1&authuser=0

Apps M.A. English Study... Gmail YouTube Maps



National Webinar on Translating B... x

People (32) Chat

Ashwini Kahirsagar 11:25 AM
Thank you ma'am

SNOW BERRY 11:28 AM
Thank you madam.

Biswajeet Mohanta 11:31 AM
Highly motivational and educational discourse...

Sudhakar Shakya 11:36 AM
Very Valuable Session

Send a message to everyone

National Webinar on Translating Boundaries: ... ^

Turn on captions Present now


SURPASSING LIMITS...pdf Show all x

Windows taskbar: 11:50 23-03-2021

Meet - National Webinar on ... x Fwd: SURPASSING LIMITS OF I... x +

meet.google.com/wj-nfyt-cra?pli=1&authuser=0

Apps M.A. English Study... Gmail YouTube Maps



National Webinar on Translating B... x

People (32) Chat

Biswajeet Mohanta 11:31 AM
Highly motivational and educational discourse...

Sudhakar Shakya 11:36 AM
Very Valuable Session

malini chander 11:50 AM
please post the link here of feedback form

ANSA ROY 11:50 AM
<https://forms.gle/s9MyphdCYeaPc73F6>

Send a message to everyone

National Webinar on Translating Boundaries: ... ^

Turn on captions Present now


SURPASSING LIMITS...pdf Show all x

Windows taskbar: 11:51 23-03-2021

Meet - National Webinar on ... x Fwd: SURPASSING LIMITS OF I... x +

meet.google.com/wj-nfyt-cra?pli=1&authuser=0

Apps M.A. English Study... Gmail YouTube Maps



National Webinar on Translating B... x

People (27) Chat

Biswajeet Mohanta 11:51 AM
Highly motivational and educational discoure...

Sudhakar Shakyia 11:36 AM
Very Valuable Session

malini chongder 11:50 AM
please post the link here of feedback form

ANSA ROY 11:50 AM
<https://forms.gle/s9MyphdCYeaPc73F6>

Send a message to everyone

Turn on captions Present now


SURPASSING LIM...pdf Show all x

Windows taskbar: 11:53 25-03-2021

Meet - National Webinar on ... x Fwd: SURPASSING LIMITS OF I... x +

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Apps M.A. English Study... Gmail YouTube Maps



National Webinar on Translating B... x

People (26) Chat

Biswajeet Mohanta 11:51 AM
Highly motivational and educational discoure...

Sudhakar Shakyia 11:36 AM
Very Valuable Session

malini chongder 11:50 AM
please post the link here of feedback form

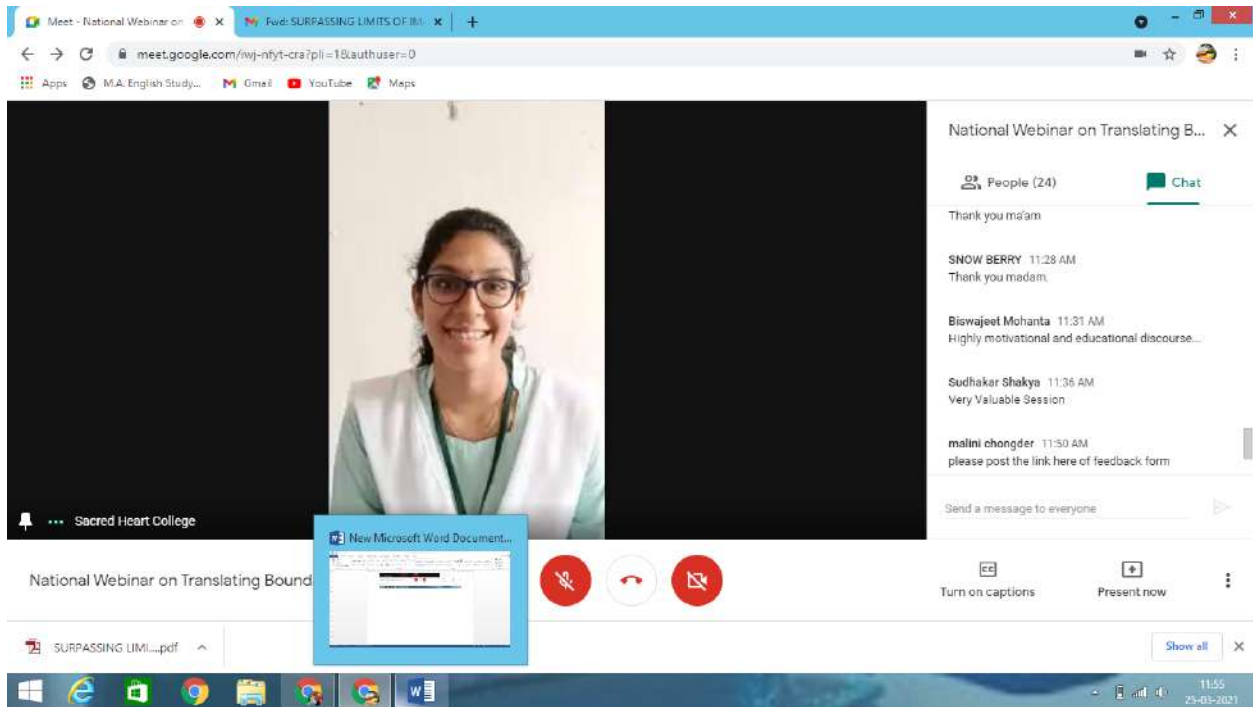
ANSA ROY 11:50 AM
<https://forms.gle/s9MyphdCYeaPc73F6>

Send a message to everyone

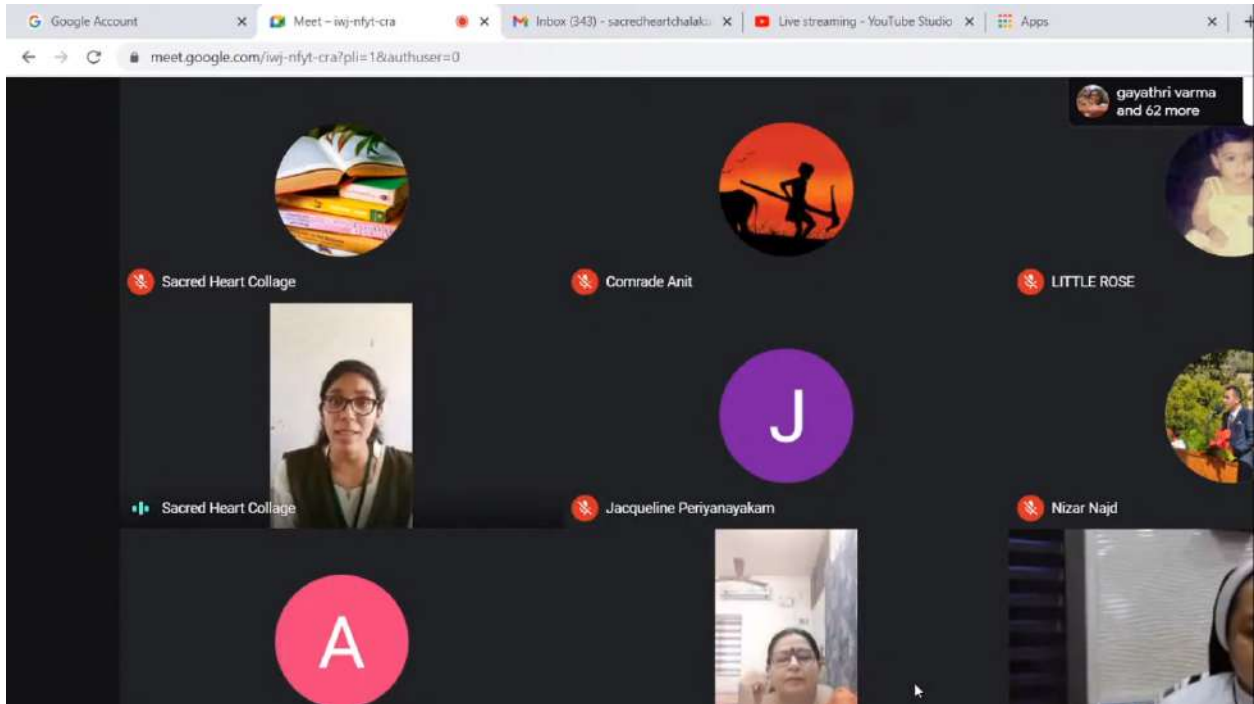
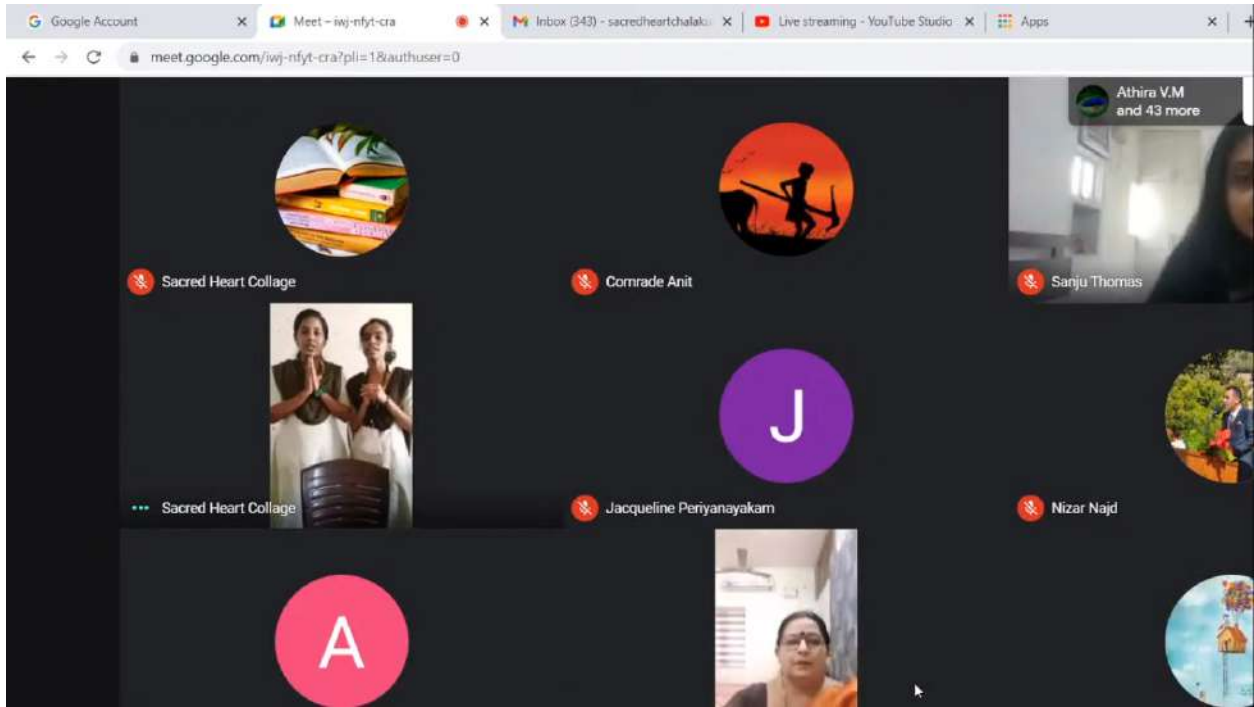
Turn on captions Present now

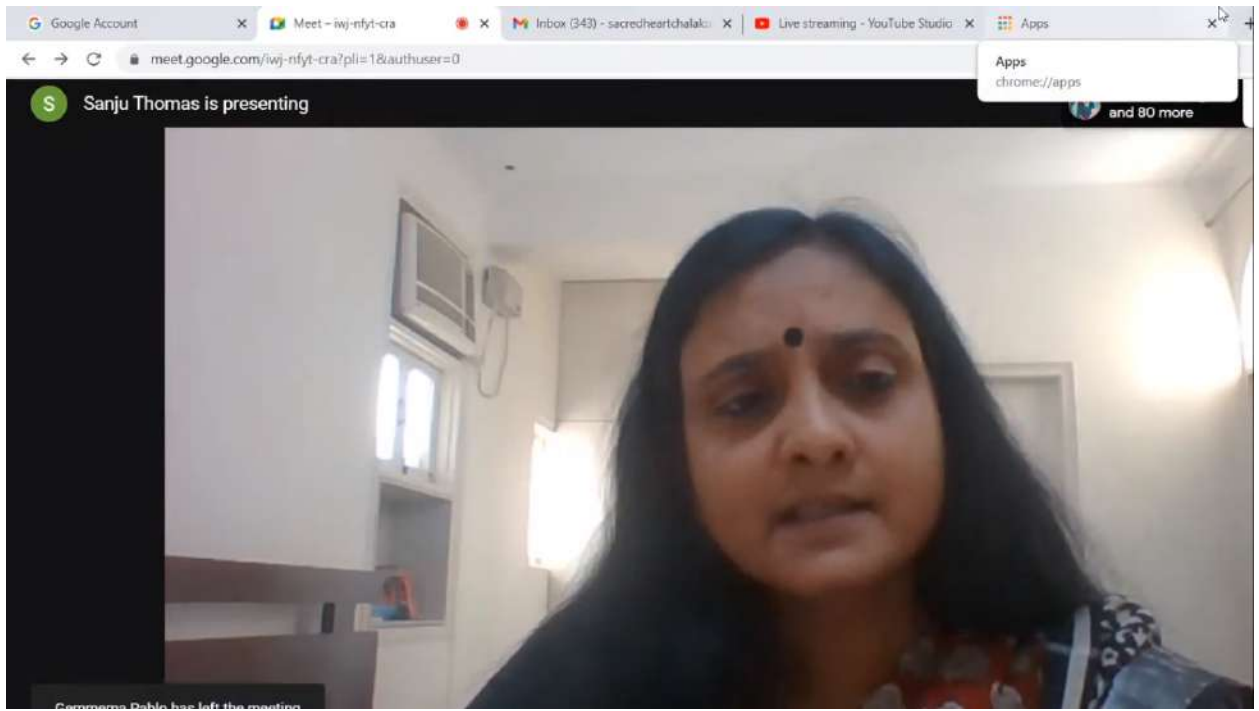
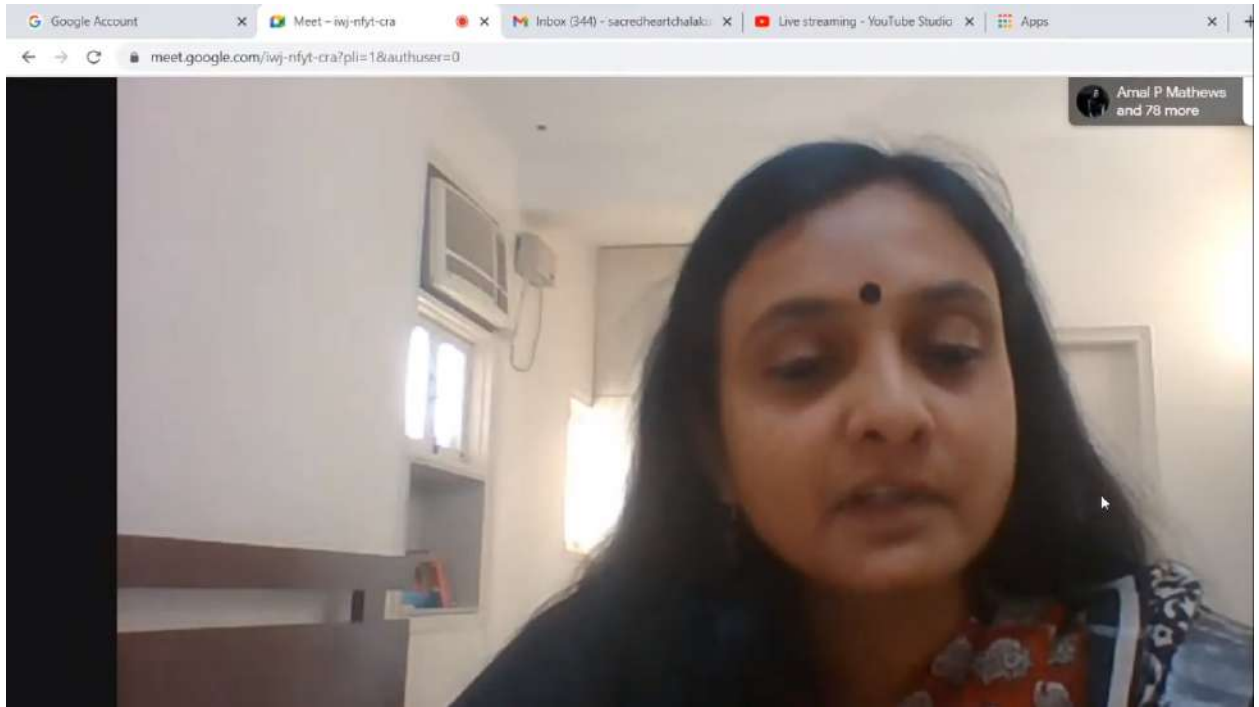
SURPASSING LIM...pdf Show all x

Windows taskbar: 11:53 25-03-2021



DAY 1





Google Account x Meet - iwj-nfyf-cra x Inbox (343) - sacredheartchalaku x Live streaming - YouTube Studio x Apps

meet.google.com/iwj-nfyf-cra?pli=1&authuser=0

S Sanju Thomas is presenting

Sephora Jose and 73 more

Sanju Thomas

Madhumita N

Sacred Heart

Nizar Najd

Translating Women - PowerPoint

File Home Insert Design Transitions Animations Slide Show Review View Tell me what you want to do. Sign in Share

Layout - Font Paragraph Drawing Editing

1 Translating Women

2

3



4

5

6

Gendered Language


- Masculine-feminine forms
- Proverbs
- Profanities

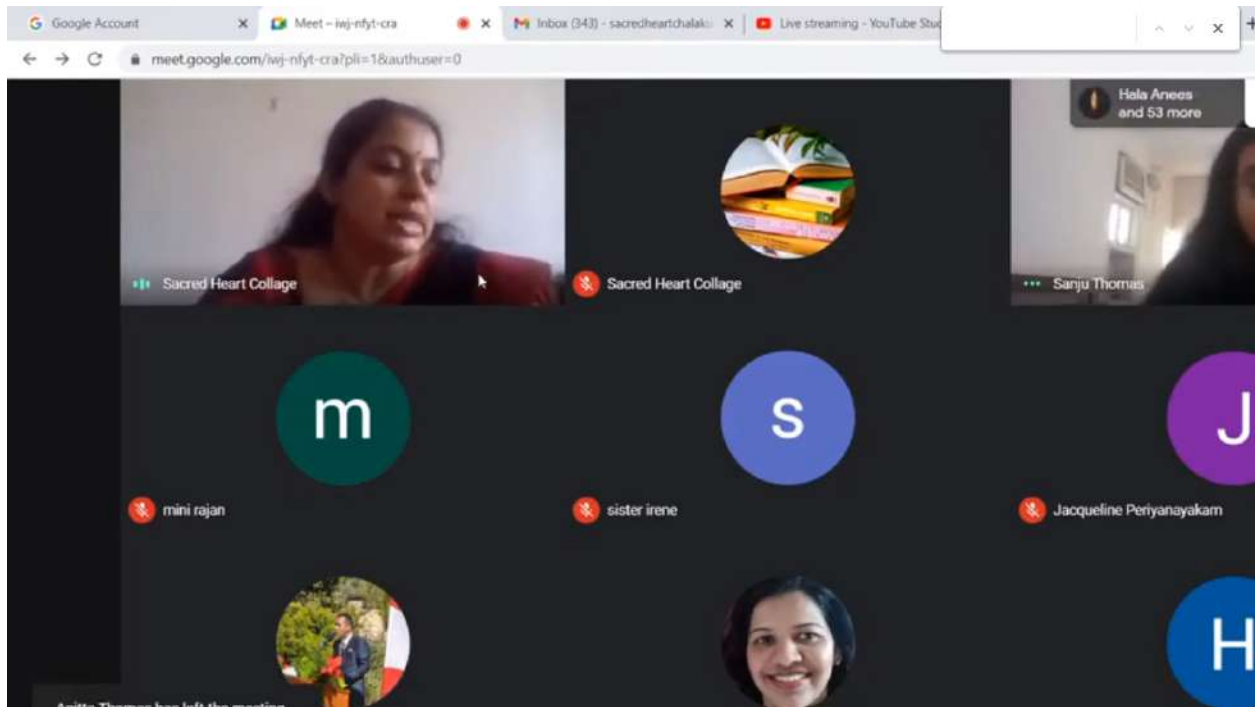


Google Account x Meet - iwj-nfyf-cra x Inbox (343) - sacredheartchalaku x Live streaming - YouTube Studio x

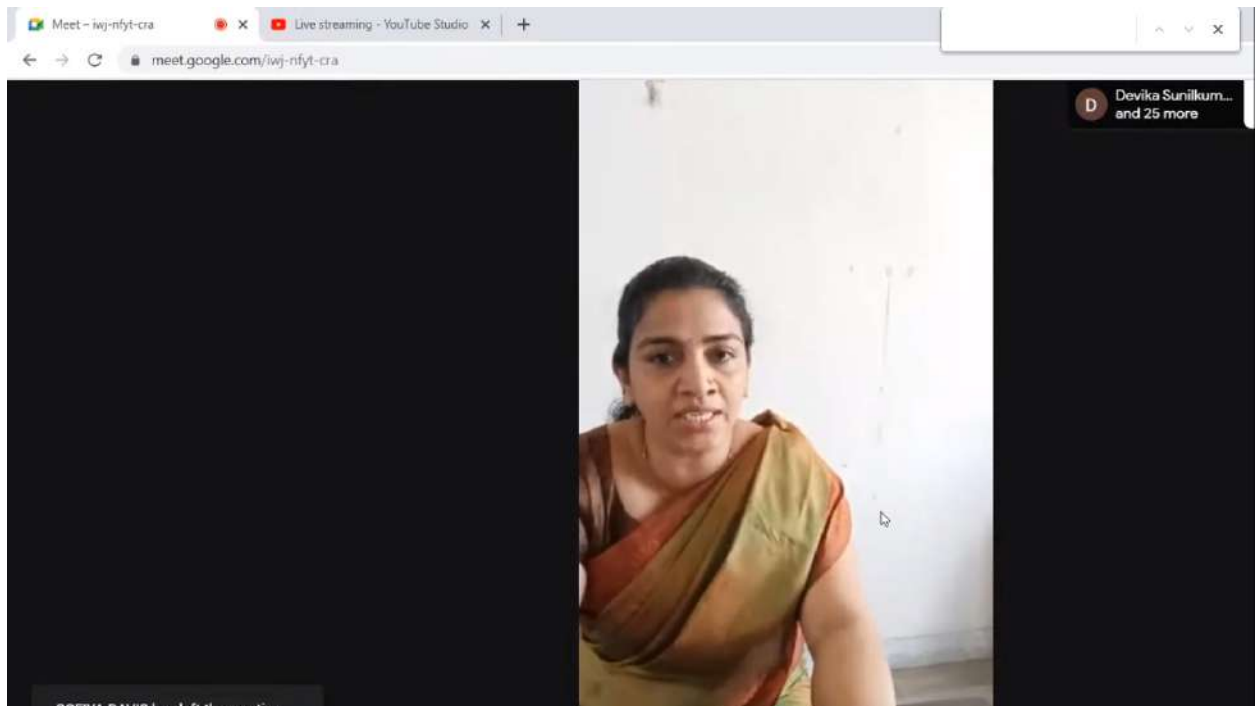
meet.google.com/iwj-nfyf-cra?pli=1&authuser=0

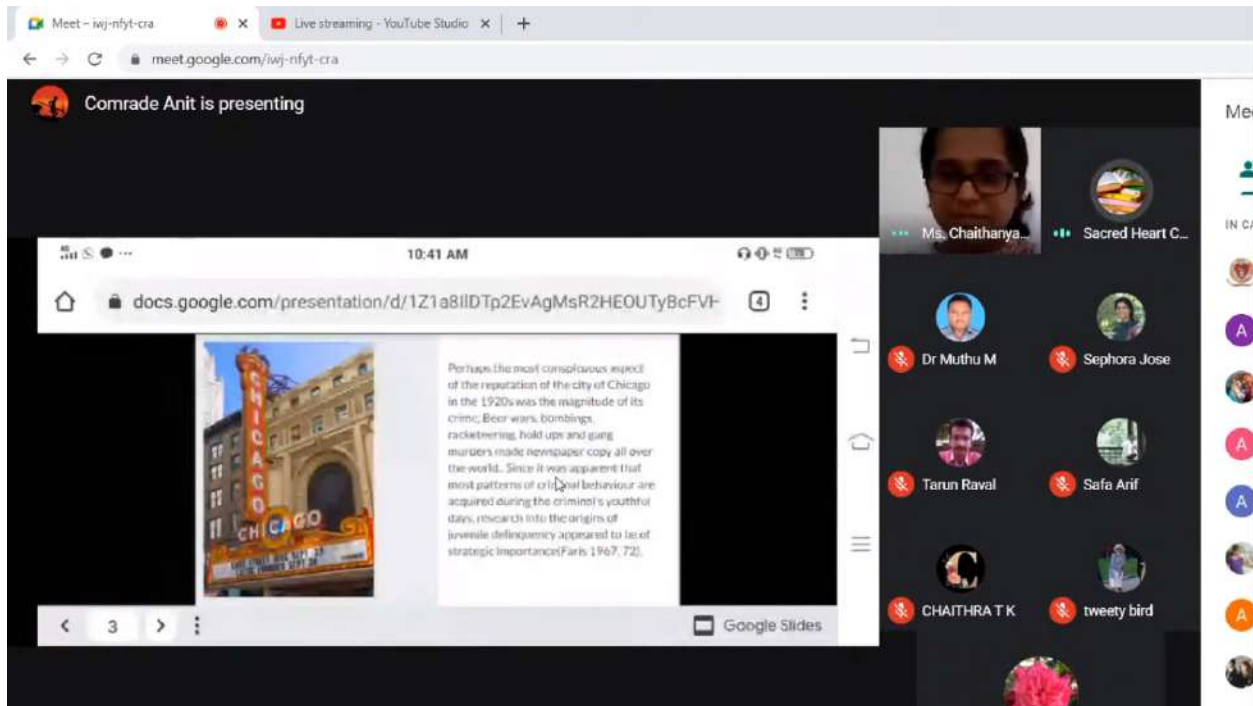
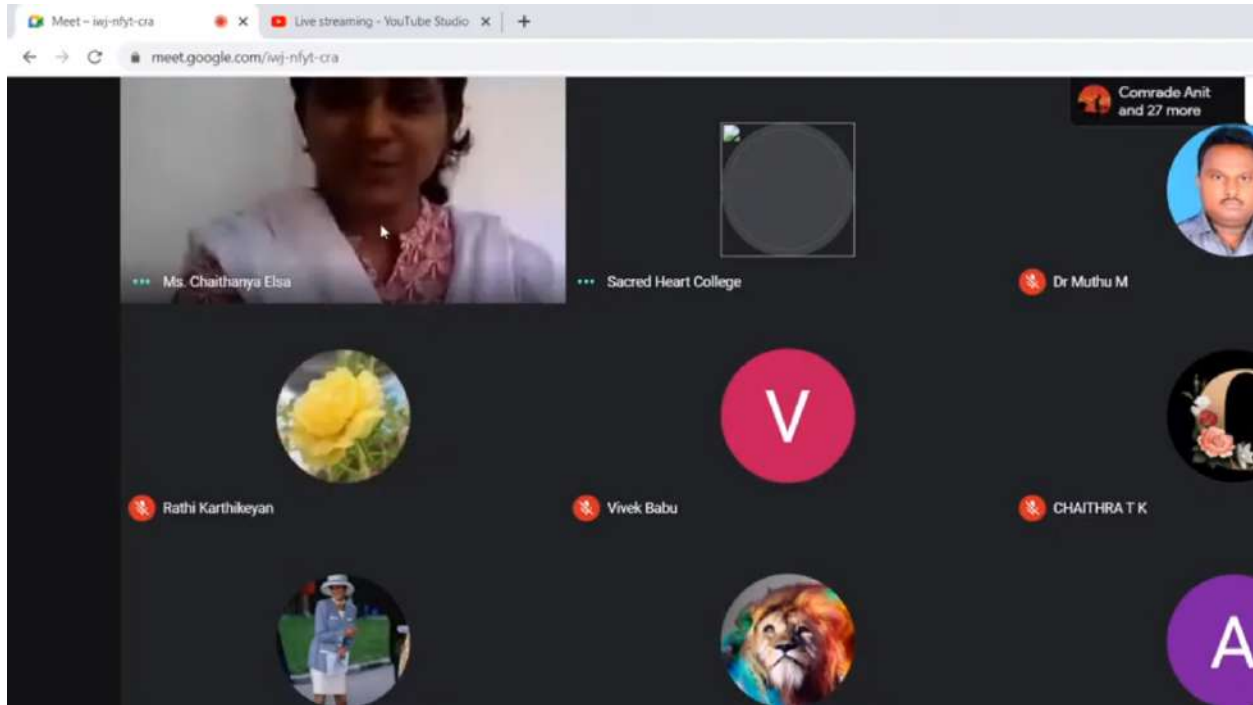
Devu M Suresh and 64 more

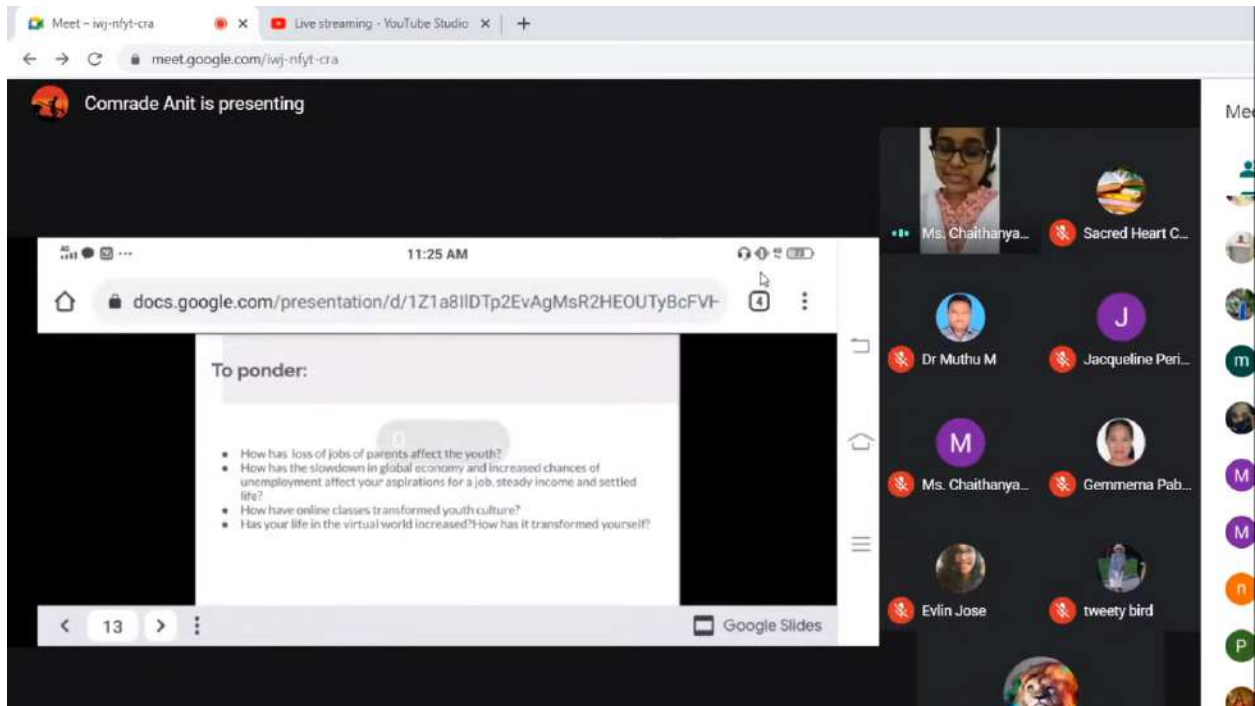
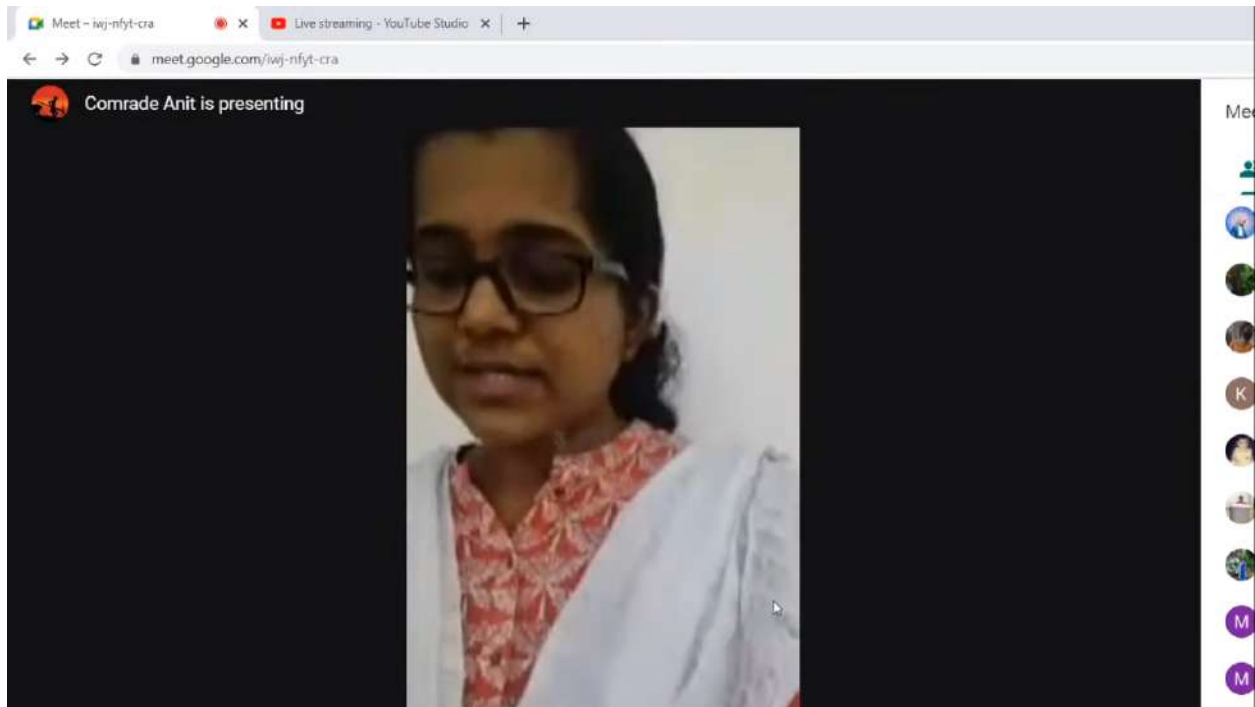


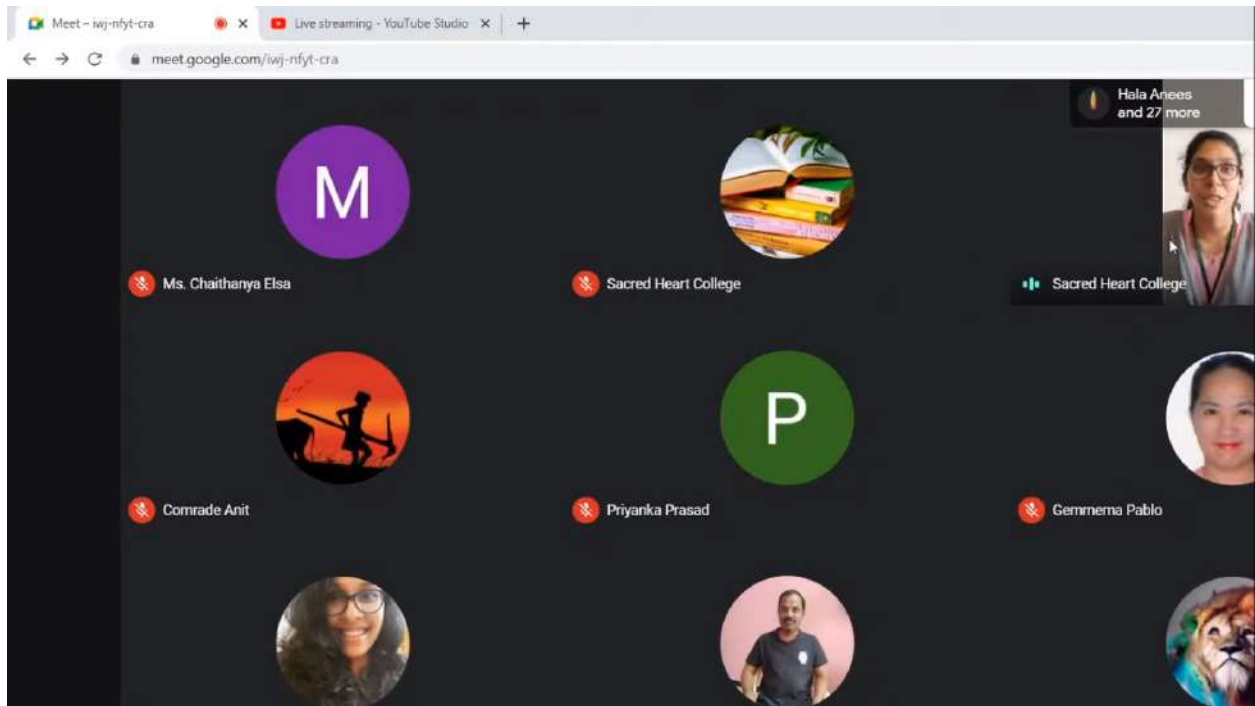
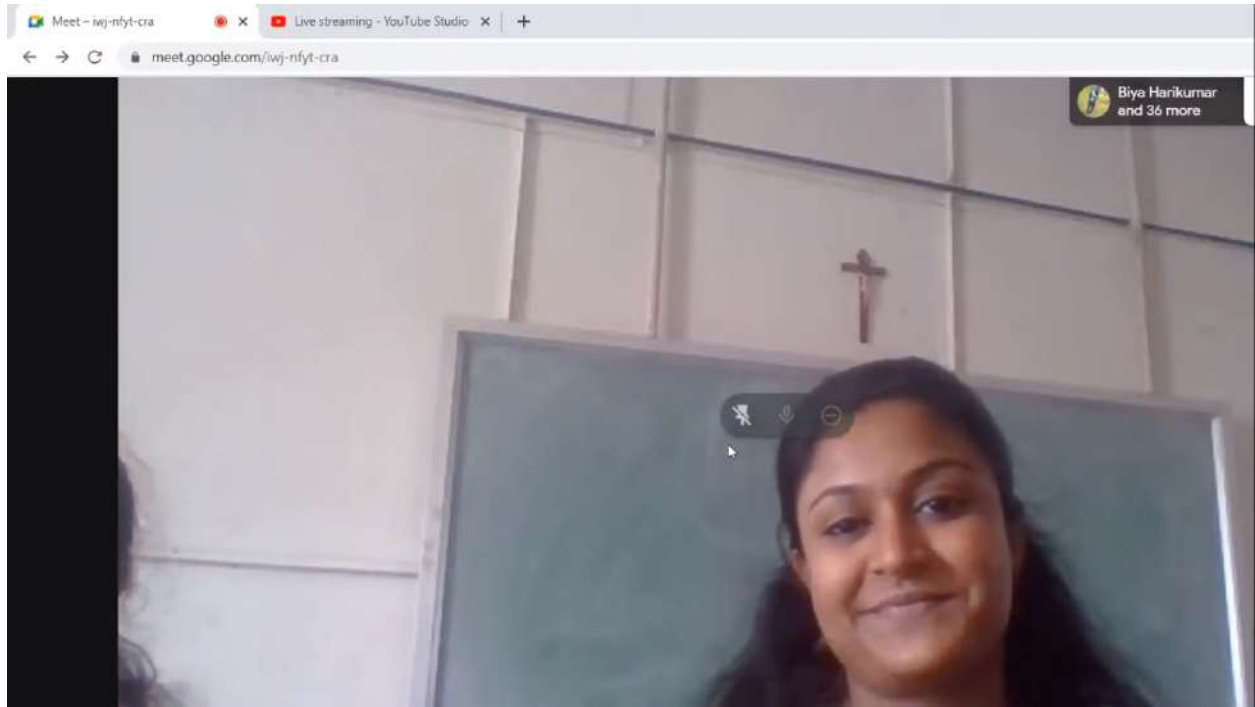


DAY 2









DAY 4

The screenshot shows a Google Meet browser window. The main video area displays a woman wearing a white headscarf and glasses, smiling. Below her video, the name "Sacred Heart College" is visible. To the right, a sidebar titled "National Webinar on Translating B..." lists 49 participants. The list includes names such as Leena Stanley, maya mayamm, Merin Chiramel, NEETHU NAIR, nisha tojo, Noble A. Pallath, pooja rajendran, and Priyanka Prasad. At the bottom of the Meet interface, there are icons for mute, video off, and chat, along with options for "Turn on captions" and "Present now". The Windows taskbar at the very bottom shows the time as 10:37 on 20-03-2021.

Participant Name	Mute Status
Leena Stanley	Muted
maya mayamm	Muted
Merin Chiramel	Muted
NEETHU NAIR	Muted
nisha tojo	Muted
Noble A. Pallath	Muted
pooja rajendran	Muted
Priyanka Prasad	Muted

Meet - National Webinar on ... X

meet.google.com/wj-nfyt-cra

Apps MA, English Study... Gmail YouTube Maps



National Webinar on Translating B... X

People (53) Chat

- Leena Stanley
- maya mayamm
- Merin Chiramel
- NEETHU NAIR
- nisha tojo
- Noble A. Paliath
- pooja rajendran
- Priyanka Prasad


Turn on captions Present now

10:38 26-01-2021

Meet - National Webinar on ... X

meet.google.com/wj-nfyt-cra

Apps MA, English Study... Gmail YouTube Maps



National Webinar on Translating B... X

People (54) Chat

Dr.M.MUTHU,
LIBRARY SUPERINTENDENT,
CENTRAL LIBRARY, IIT MADRAS,
CHENNAI-36, TAMILNADU, INDIA.
E-Mail: mmuthu78@gmail.com
Mobile Number: 0-9442666016

Dr. Tashkeel Haider Naqvi 10:36 AM
Good morning

seema sharma 10:40 AM
Congratulations to all team 🎉🎉 Dr Seema Sharma
professor department of English SMS Govt model
science college Gwalior MP India
2239599@gmail.com

Send a message to everyone

Turn on captions Present now

10:41 26-01-2021

Meet - National Webinar on ... X

meet.google.com/wj-nfyt-cra

Apps M.A. English Study... Gmail YouTube Maps

National Webinar on Translating B... X

People (56) Chat

Dr. Tashkeel Haider Naqvi 10:30 AM
Good morning

seema sharma 10:40 AM
Congratulations to all team 🎉🎉 Dr Seema Sharma professor department of English SMS Govt model science college Gwalior MP India 2239599@gmail.com

Hari Lal 10:44 AM
Very Very Good Morning to all Respected Scholars and the participants from various parts of India. Hari Lal Kori Research Scholar Department Of English And Other Foreign Languages. Dr.Shakuntala Misra National Rehabilitation University, Lucknow, U.P(India)

Send a message to everyone

Turn on captions Present now

Windows taskbar: 10:48 29-01-2021

Meet - National Webinar on ... X

meet.google.com/wj-nfyt-cra

Apps M.A. English Study... Gmail YouTube Maps

National Webinar on Translating B... X

People (57) Chat

Dr. Tashkeel Haider Naqvi 10:30 AM
Good morning

seema sharma 10:40 AM
Congratulations to all team 🎉🎉 Dr Seema Sharma professor department of English SMS Govt model science college Gwalior MP India 2239599@gmail.com

Hari Lal 10:44 AM
Very Very Good Morning to all Respected Scholars and the participants from various parts of India. Hari Lal Kori Research Scholar Department Of English And Other Foreign Languages. Dr.Shakuntala Misra National Rehabilitation University, Lucknow, U.P(India)

Send a message to everyone

Turn on captions Present now

Windows taskbar: 10:49 29-01-2021

Meet - National Webinar on ... X

meet.google.com/wj-nfyt-cra

Apps MA, English Study... Gmail YouTube Maps

National Webinar on Translating B... X

People (60) Chat

Elwin John 10:49 AM
 the body is a central feature of contemporary politics because its ambiguities, vulnerability and plasticity have been amplified by new genetic technologies which shows how the human body has been a potent and persistent metaphor for social and political relations throughout human history"
 "Skin:
 My sense
 My defence
 My shape
 My colour
 My label
 Inevitable
 Does the skin cover me?
 Or does it hide me?"

Send a message to everyone

National Webinar on Translating Boundaries: ...

Turn on captions Present now

11:07 26-03-2021

Meet - National Webinar on ... X

meet.google.com/wj-nfyt-cra

Apps MA, English Study... Gmail YouTube Maps

National Webinar on Translating B... X

People (47) Chat

Biswajeet Mohanta 11:20 AM
 Thank you Maam for your elevating deliberation...

Thomas Dixon 11:20 AM
 Wonderful Eloquence, Dr. Elwin. Kudos

Dr Muthu M 11:21 AM
 informative and very useful session

You 11:22 AM
 If there any questions please post in chat box

Merin Chramel 11:23 AM
 How epidemis can be related to literature?

Send a message to everyone

National Webinar on Translating Boundaries: ...


Turn on captions Present now

11:25 26-03-2021

Meet - National Webinar on ... X

meet.google.com/wj-nfyt-cra

Apps MA, English Study... Gmail YouTube Maps



Sacred Heart College

National Webinar on Translating Boundaries: ...

Turn on captions Present now

11:31 26-03-2021

National Webinar on Translating B... X

People (42) Chat

Thank you mam... it was a wonderful session...

pooja rajendran 11:29 AM
A great session

Karthika Manoj 11:29 AM
Thank you

SREEPARNA SENGUPTA 11:30 AM
Nice session
Feedback form please


ANSA ROY 11:31 AM
<https://forms.gle/sXAKEm44E4RTa19z8>

Send a message to everyone

Meet - National Webinar on ... X

meet.google.com/wj-nfyt-cra

Apps MA, English Study... Gmail YouTube Maps



Sacred Heart College

National Webinar on Translating Boundaries: ...

Turn on captions Present now

11:34 26-03-2021

National Webinar on Translating B... X

People (39) Chat

ANSA ROY 11:20 AM
<https://forms.gle/sXAKEm44E4RTa19z8>

Biswajeet Mohanta 11:20 AM
Thank you Maam for your elevating deliberation...

Thomas Dixon 11:20 AM
Wonderful Eloquence, Dr. Elwin. Kudos

Dr Muthu M 11:21 AM
informative and very useful session

You 11:22 AM
If there any questions please post in chat box

Merin Chiramel 11:23 AM

Send a message to everyone



AQAR 2020-21

CHEMISTRY

Criterion III - RESEARCH, INNOVATIONS AND EXTENSION

SUB CRITERION -3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year.

- **ENTERPRENEURSHIP AWARENESS PROGRAMMES BY SELF EMPLOYMENT UNIT ON 16/2/2021**

On 16th February 2021 academic year the self employment unit made hand sanitizer, pain bam and detergent. The final year degree and PG students were participated in the program and marketing under the supervision of staff and lab assistants. 57 students were participated in the program. The products are distributed in the nearby villages, institutions, other departments in the college, bus stand, police station etc. Raw materials are purchased using the department fund.



- List of students participated in the **ENTERPRENEURSHIP AWARENESS PROGRAMMES BY SELF EMPLOYMENT UNIT ON 16/2/2021.**

Sl.No.	Name of the student	Class
1.	Akhila M. S	III DC CHEMISTRY
2.	Amala rose P.R	III DC CHEMISTRY
3.	Anagha K.S	III DC CHEMISTRY
4.	Ancy C.P	III DC CHEMISTRY
5.	Anet babu	III DC CHEMISTRY
6.	Ashitha Rafeek	III DC CHEMISTRY
7.	Aswini P.A	III DC CHEMISTRY
8.	Athira M	III DC CHEMISTRY
9.	Athira P.N	III DC CHEMISTRY
10.	Christeena Mary chacko	III DC CHEMISTRY
11.	Devika M D	III DC CHEMISTRY
12.	Diya Thajudeen	III DC CHEMISTRY
13.	Malavika t. p	III DC CHEMISTRY
14.	Manya Manikandan	III DC CHEMISTRY
15.	Mariya Davis	III DC CHEMISTRY
16.	Mayadevi v.m	III DC CHEMISTRY
17.	Roslin Francis	III DC CHEMISTRY
18.	Sandra Jose	III DC CHEMISTRY
19.	T.S.kavya	III DC CHEMISTRY
20.	Viniya Benny	III DC CHEMISTRY
21.	Aleena Ros Thomas	III DC CHEMISTRY
22.	Aliya Benny	III DC CHEMISTRY
23.	Ann Jewel Babu	III DC CHEMISTRY
24.	Anupa Shylan	III DC CHEMISTRY
25.	ANUSREE E. A	III DC CHEMISTRY
26.	Arpitha .S	III DC CHEMISTRY
27.	Aswathy K J	III DC CHEMISTRY
28.	Liya Joy	III DC CHEMISTRY
29.	Mariya Jaison. p	III DC CHEMISTRY
30.	monica antony	III DC CHEMISTRY
31.	Nandha M.R.	III DC CHEMISTRY
32.	Neeraja K. Babu	III DC CHEMISTRY
33.	Surabhi V.S	III DC CHEMISTRY
34.	ANJALY ANTONY	I MSC CHEMISTRY
35.	ANN MARIYA SHAJI	I MSC CHEMISTRY
36.	DINIYA V. V	I MSC CHEMISTRY

37.	JAINA C. J	I MSC CHEMISTRY
38.	JENCY JOY	I MSC CHEMISTRY
39.	JULIEYA JOHN	I MSC CHEMISTRY
40.	MARIYA DAVIS	I MSC CHEMISTRY
41.	NEERAJA P	I MSC CHEMISTRY
42.	NIMISHA C	I MSC CHEMISTRY
43.	REEGHA DAVIS	I MSC CHEMISTRY
44.	SAJITHA BARVIN S	I MSC CHEMISTRY
45.	SMITHA K	I MSC CHEMISTRY
46.	ADHITTA P. B	II MSC CHEMISTRY
47.	ALEENA MARIA PAULSON	II MSC CHEMISTRY
48.	AMRITHA BINEESH	II MSC CHEMISTRY
49.	AMRITHA RAVI	II MSC CHEMISTRY
50.	ANN MARIA PAUL	II MSC CHEMISTRY
51.	ANU MENACHERY	II MSC CHEMISTRY
52.	HIMA JOHNY	II MSC CHEMISTRY
53.	LAKSHMI SURESH	II MSC CHEMISTRY
54.	MERIN BABY	II MSC CHEMISTRY
55.	REEM SALAM	II MSC CHEMISTRY
56.	RESHMA VARGHESE	II MSC CHEMISTRY
57.	SHIMA SURENDRAN	II MSC CHEMISTRY

- **WORKSHOP ON HANDS ON TRAINING ON MAKING HAIR GEL AND FABRIC CONDITIONER ON 25/10/2021**

In order to foster *Social Responsibility & Community Engagement* among students, the department has organized a workshop to give hands on training on making hair gel and fabric conditioner by Sreejith V.S director of Science Centre for all students on 25/10/2021. 78 students were participated in the program. Dr. Santhosh Paul (HOD of chemistry department) inaugurated the training program.





- List of students in the WORKSHOP ON HANDS ON TRAINING ON MAKING HAIR GEL AND FABRIC CONDITIONER ON 25/10/2021.

Sl. No.	Name of the student	Class
1.	Nivedhitha P. Subhash	I DC Chemistry
2.	Riya Fathima T.A	I DC Chemistry
3.	Anusree E.	I DC Chemistry
4.	Aagnadas R.M	I DC Chemistry
5.	Krishnapriya	I DC Chemistry
6.	Anagha Sunil	I DC Chemistry
7.	Aishaba M.M	I DC Chemistry
8.	Efriya P.J	I DC Chemistry
9.	Nashva N	I DC Chemistry
10.	Nandhana P.S	I DC Chemistry
11.	Aswani Jibi	I DC Chemistry
12.	Avanya A.	I DC Chemistry
13.	Deepthi K.	I DC Chemistry
14.	Sreenandhana A.S	I DC Chemistry
15.	Bhavana K.	I DC Chemistry
16.	Krishnaja	I DC Chemistry
17.	Abhirami	I DC Chemistry
18.	Aswathy	I DC Chemistry
19.	Souparnika	I DC Chemistry
20.	Hridaya	I DC Chemistry
21.	Ahalya V.L	II DC CHEMISTRY
22.	Aiswarya P.R	II DC CHEMISTRY
23.	Aiswarya Krishnan	II DC CHEMISTRY
24.	Akhila A.B	II DC CHEMISTRY
25.	Amritha T.K	II DC CHEMISTRY
26.	Anupama K. B	II DC CHEMISTRY
27.	Biji V.L	II DC CHEMISTRY
28.	Hiba U.	II DC CHEMISTRY
29.	Jaishna E.M	II DC CHEMISTRY
30.	Jewel Johny	II DC CHEMISTRY
31.	Jyothilakshmi A.S	II DC CHEMISTRY
32.	Krishnapriya C.G	II DC CHEMISTRY
33.	Shahanaz Fathima	II DC CHEMISTRY
34.	Sneha Shaju	II DC CHEMISTRY
35.	Uthara T.B	II DC CHEMISTRY
36.	Aleena Joshy	II DC CHEMISTRY
37.	Aleena Joy	II DC CHEMISTRY
38.	Anagha Sunil	II DC CHEMISTRY

39.	Angel Feba	II DC CHEMISTRY
40.	Aswathy Pradeep	II DC CHEMISTRY
41.	Manjima Sanil	II DC CHEMISTRY
42.	Megha P.P	II DC CHEMISTRY
43.	Pavithra R. Menon	II DC CHEMISTRY
44.	Sandra M.A	II DC CHEMISTRY
45.	Sreelakshmi E.K	II DC CHEMISTRY
46.	Aiswarya A S	III DC CHEMISTRY
47.	Anakha A S	III DC CHEMISTRY
48.	Anija K G	III DC CHEMISTRY
49.	Anjana A S	III DC CHEMISTRY
50.	Ansa Joji	III DC CHEMISTRY
51.	Aparna T N	III DC CHEMISTRY
52.	Athira T N	III DC CHEMISTRY
53.	Darena Davis	III DC CHEMISTRY
54.	Delna Thomas	III DC CHEMISTRY
55.	Devika Chandran	III DC CHEMISTRY
56.	Jyothislakshmi D A	III DC CHEMISTRY
57.	Krishnapriya P V	III DC CHEMISTRY
58.	Riya Royis	III DC CHEMISTRY
59.	Rosmy Roy	III DC CHEMISTRY
60.	Soniya Paulson	III DC CHEMISTRY
61.	Anna Joseph	III DC CHEMISTRY
62.	Anuja P A	III DC CHEMISTRY
63.	Mariya Jose	III DC CHEMISTRY
64.	Merin Elizabeth	III DC CHEMISTRY
65.	Midhuna M	III DC CHEMISTRY
66.	Phoncy Paul	III DC CHEMISTRY
67.	ANJALY ANTONY	II MSC CHEMISTRY
68.	ANN MARIYA SHAJI	II MSC CHEMISTRY
69.	DINIYA V. V	II MSC CHEMISTRY
70.	JAINA C. J	II MSC CHEMISTRY
71.	JENCY JOY	IIMSC CHEMISTRY
72.	JULIEYA JOHN	II MSC CHEMISTRY
73.	MARIYA DAVIS	II MSC CHEMISTRY
74.	NEERAJA P	II MSC CHEMISTRY
75.	NIMISHA C	IIMSC CHEMISTRY
76.	REEGHA DAVIS	II MSC CHEMISTRY
77.	SAJITHA BARVIN S	II MSC CHEMISTRY
78.	SMITHA K	II MSC CHEMISTRY

- SEMINAR ON **WORLD SOIL DAY** ON 6/12/2021

The department was collaborated with Kerala Agronomy Research Center, Chalakudy for a one day seminar on World Soil Day on 6th December, 2021. About 22 students participated in the seminar. Dr. Santhosh Paul felicitates the function. The project manager and the office staff led a talk about the advantage of pollution free soil and methods to treat the waste materials instead of throwing it to the soil. After the seminar a quiz competition were conducted and prizes are distributed in the same venue.





List of students in the SEMINAR ON **WORLD SOIL DAY** ON 6/12/2021.

Sl.No.	Name of the student	Class
1.	Nivedhitha p subhash	I DC chemistry
2.	Nashva N	I DC chemistry
3.	Bhavana k	I DC chemistry
4.	Avanya .A	I DC chemistry
5.	Deepthi k	I DC chemistry
6.	sreenandhana A.S .	I DC chemistry
7.	Jesna joffy	I DC chemistry
8.	Aswathi p.m	I DC chemistry

9.	Souparnika T.J	I DC chemistry
10.	Krishnaja k	I DC chemistry
11.	Hridhaya subash	I DC chemistry
12.	Isha p sunilkumar	I DC chemistry
13.	Aleena wilson	I DC chemistry
14.	Efriya p.j	I DC chemistry
15.	Aagnadas R.m	I DC chemistry
16.	krishnapriya T.s .	I DC chemistry
17.	Archana M P	I DC chemistry
18.	Aswani jibi	I DC chemistry
19.	Anagha sunil	I DC chemistry
20.	Abhirami k.s	I DC chemistry
21.	Nandhana p.s	I DC chemistry
22.	Emil mariya	I DC chemistry

URJA KIRAN 2021-22
Workshop(Offline) Photo Report
 (Assembly Constituency : Chalakudy)



ഊർജ്ജ കിരൺ 2021-22
“ഗോ ഇലക്ട്രിക് ക്യാമ്പയിൻ”
 (ചാലക്കുടി നിയോജകമണ്ഡലം)

ഊർജ്ജ കാര്യശേഷിയും ഊർജ്ജ സംരക്ഷണവും
 ബോധവൽക്കരണ ശില്പശാല

ഉൽഘാടനം : ശ്രീ. ഷിബു വാലപ്പൻ
 (വാർഡ് കൗൺസിലർ , വി ആർ പുരം)

അധ്യക്ഷ : ശ്രീമതി ആലീസ് ഷിബു
 (വാർഡ് കൗൺസിലർ, തച്ചുടപറമ്പ്)

ക്ലാസ് : ശ്രീ. പ്രസാദ് പുളിക്കൽ
 (ഇ എം സി റിസോഴ്സ് പേഴ്സൺ)

27 ഡിസംബർ 2021 5.00pm
 സ്ഥലം: വി. ആർ. പുരം സ്കൂൾ



സംഘാടനം
 എനർജി മാനേജ്മെന്റ് സെന്റർ, കേരള
 സേക്രഡ് ഹാർട്ട് കോളേജ്, ചാലക്കുടി

URJA KIRAN 2021-22 Workshop(Offline) Photo Report



**സേക്രഡ് ഹാർട്ട് കോളേജ്, ചാലക്കുടി
ഊർജ്ജ കിരൺ 2021-22:
(ചാലക്കുടി നിയോജകമണ്ഡലം)**

ഊർജ്ജ സംരക്ഷണ ശില്പശാല

സ്ഥലം : വി.ആർ. പുരം സ്കൂൾ
സമയം : 27-12-2021 5.00pm

ഊർജ്ജ സംരക്ഷണത്തിന്റെ ആവശ്യകതയും അതിനുള്ള മാർഗങ്ങളും പൊതുജനങ്ങൾക്ക് പകർന്നുനൽകാനും സംസ്ഥാനതലത്തിൽ ഊർജ്ജ സംരക്ഷണ പ്രവർത്തനങ്ങൾക്ക് രൂപംനൽകി നടപ്പിലാക്കാനുമായി ഇന്ത്യയിൽത്തന്നെ ആദ്യമായി സ്ഥാപിതമായ സംസ്ഥാനതല ഊർജ്ജപരിപാലനകേന്ദ്രമാണ് ഊർജ്ജ വകുപ്പിന്റെ കീഴിൽ പ്രവർത്തിക്കുന്ന എനർജി മാനേജ്മെന്റ് സെന്റർ കേരള (ഇഎംസി). ഇഎംസിയുടെ പരിശീലന ബോധവൽക്കരണ പരിപാടികളിൽ സുപ്രധാനമായ ഒന്നാണ് 2015 മുതൽ നടത്തിവരുന്ന ഈ ആരംഭിച്ച **ഊർജ്ജ കിരൺ പദ്ധതി**. പ്രാദേശികതലത്തിൽ സന്നദ്ധസംഘടനകൾ, കോളേജുകളിലെ നാഷണൽ സർവീസ് സ്മിത്ത് ട്രസ്റ്റിയവയുടെ പങ്കാളിത്തത്തോടെ പൊതുജനങ്ങൾക്കായി നടത്തുന്ന ഊർജ്ജ സംരക്ഷണ പരിശീലന-ബോധവൽക്കരണ പരിപാടിയാണ് ഇത്. കേന്ദ്ര നഗരവികസന മന്ത്രാലയത്തിന്റെ സെന്റർ ഓഫ് എക്സലൻസ് ആയി തിരവനന്തപുരത്ത് പ്രവർത്തിക്കുന്ന സെന്റർ ഫോർ എമ്പിറോൺമെന്റ് ആൻഡ് ഡെവലപ്മെന്റാണ് ഈ പദ്ധതി സംസ്ഥാനമൊട്ടാകെ ഏകോപിപ്പിച്ച് നടപ്പാക്കുന്നതിനുള്ള റിസോർസ് ഏജൻസിയായി പ്രവർത്തിക്കുന്നത്.

ഊർജ്ജ കാര്യശേഷിയും ഊർജ്ജ സംരക്ഷണവും എന്നാ പൊതു വിഷയത്തിന് പുറമെ ഈ വർഷത്തെ ഊർജ്ജ കിരൺ പരിപാടിയിൽ പ്രധാനമായി പർച്ചേയുന്ന വിഷയമാണ് **"ഗോ ഇലക്ട്രിക്"** എന്നത്. കേന്ദ്ര ഊർജ്ജ മന്ത്രാലയത്തിന്റെ കീഴിലുള്ള ബ്യൂറോ ഓഫ് എനർജി എഫിഷ്യൻസി (ബി.ഇ.ഇ) സംസ്ഥാന സർക്കാരുകളുടെ സഹകരണത്തോടെ കഴിഞ്ഞ പരിസ്ഥിതിദിനത്തിൽ ഉദ്ഘാടനം ചെയ്ത നടപ്പാക്കിവരുന്ന പദ്ധതിയാണ് **"ഗോ ഇലക്ട്രിക് കാമ്പയിൻ"**. രാജ്യത്തെ ഗതാഗതത്തിന്റെ 100 ശതമാനവും വൈദ്യുത വാഹനങ്ങളിലേക്കും ശബ്ദവും സുരക്ഷിതവുമായ വൈദ്യുതി ഉപയോഗിച്ചുള്ള പാപകത്തിലേക്കും നയിക്കുക, ഉന്യത ഉറക്കുമതി ആശ്രിതരും കുറയ്ക്കുക, കുറഞ്ഞ കാർബൺ സമ്പദ്വ്യവസ്ഥയുടെ പാതയിൽ മുന്നോട്ട് പോകുക, കാലാവസ്ഥാ വ്യതിയാനത്തിന്റെ പ്രതികൂല ആഘാതത്തിൽ നിന്ന് രാജ്യത്തെയും ജനങ്ങളെയും രക്ഷിക്കുക എന്നതാണ് ഈ കാമ്പയിന്റെ പ്രധാന ഉദ്ദേശ്യം. **ആസാദി ക അമൃത് മഹോത്സവത്തിന്റെ ഭാഗമായിട്ടുകൂടി**യാണ് ഈ വർഷത്തെ പരിപാടികൾ സംഘടിപ്പിക്കുന്നത്.

ചാലക്കുടി അസ്സംബ്ലി നിയോജകമണ്ഡലത്തിൽ ഈ പരിപാടി നടപ്പാക്കുന്നതിന് ഇഎംസി തിരഞ്ഞെടുത്തിരിക്കുന്നത് സേക്രഡ് ഹാർട്ട് കോളേജ് നെയാണ്. പരിപാടികളുടെ ഒരുപാ-രികമായ ഉദ്ഘാടനം ഡിസംബർ 2-ാം തിയതി ബഹുമാനപ്പെട്ട എംഎൽഎ ശ്രീ ടി. ജെ സനീഷ് കുമാർ ജോസഫ് നിർവഹിച്ചു. തുടർന്ന് ഒരു ബോധവൽക്കരണ റാലിയും അതിനു ശേഷം ഊർജ്ജ സംരക്ഷണ പ്രതിജ്ഞയും ഒപ്പുശേഖരണവും നടത്തി.

ഊർജ്ജ കിരൺ പദ്ധതിയുടെ ഭാഗമായ ഊർജ്ജ സംരക്ഷണ ബോധവൽക്കരണ ശില്പശാല ഡിസംബർ 27-ാം തിയതി വൈകിയിട്ട് 5.00 മണിക്ക് വി. ആർ. പുരം സ്കൂളിൽ വച്ച് നടത്തപ്പെ-ടുന്നു.

പ്രസ്തുത പരിപാടിയിലേക്ക് എല്ലാവരെയും സാദരം ക്ഷണിക്കുന്നു.

വിശ്വസ്തതയോടെ
കോർഡിനേറ്റർ

N.B. ശില്പശാലയിൽ രജിസ്റ്റർ ചെയ്യുന്നതുമുൻപേ വായിച്ച് KSEB കൺസ്യൂമർ നമ്പർ കൊണ്ടുവരിക

URJA KIRAN 2021-22

Workshop(Offline) Photo Report

(Assembly Constituency : Chalakudy)



Chalakudy Municipality Thachudaparambu ward councilor Mrs. Alice Shibu is inaugurating the workshop



EMC Resource person Mr. Prasad Pulikkal is taking class



URJA KIRAN 2021-22

Photo Report

(Assembly Constituency : Chalakudy)

Media Reports

TCR IC 2021 ഡിസംബർ 01 ബുധൻ **ദീപിക** 05

ചാലക്കുടി സേക്രഡ് ഹാർട്ട് കോളജിൽ ബോധവൽക്കരണ ക്യാമ്പയിൻ

ചാലക്കുടി: ഊർജ സംരക്ഷണത്തിന്റെ ആവശ്യകതയും അതിനുള്ള മാർഗങ്ങളും വ്യക്തമാക്കി എനർജി മാനേജ്മെന്റ് സെന്റർ, സെന്റർ ഫോർ എൻവയോൺമെന്റ് ആൻഡ് ഡെവലപ്മെന്റുമായി ചേർന്നു നടപ്പാക്കുന്ന ചാലക്കുടി അസംബ്ലി മണ്ഡലത്തിലെ ഈ വർഷത്തെ ഊർജ കിരൺ ബോധവൽക്കരണ ക്യാമ്പയിൻ രണ്ടിന്നു സേക്രഡ് ഹാർട്ട് കോളജിൽ നടത്തും.

പരിപാടികളുടെ ഉദ്ദേശ്യം സനീഷ്കുമാർ ജോസഫ് എംഎൽഎ നിർവഹിക്കും. കോളജ് പ്രിൻസിപ്പൽ സിസ്റ്റർ ഡോ. ഐറിൻ, ചാലക്കുടി മുനിസിപ്പൽ ചെയർമാൻ വി.ജി. പൈലപ്പൻ, വാർഡ് കൗൺസിലർ ബിന്ദു ശശികുമാർ എന്നിവർ സംസാരിക്കും. തുടർന്നു ചാലക്കുടി റെയിൽവേ സ്റ്റേഷൻ പരിസരത്തേക്ക് ബോധവൽക്കരണ റാലിയും അതിനുശേഷം ഊർജസംരക്ഷണ പ്രതിജ്ഞയും ഒപ്പുശേഖരണവും നടത്തും.



Deepika 03-12-2021

ചാലക്കുടി സേക്രഡ് ഹാർട്ട് കോളജിൽ ഊർജ കിരൺ ബോധവൽക്കരണ ക്യാമ്പയിൻ സനീഷ് കുമാർ ജോസഫ് എംഎൽഎ ഉദ്ഘാടനം ചെയ്യുന്നു.

സേക്രഡ് ഹാർട്ട് കോളജിൽ ഊർജ കിരൺ ബോധവൽക്കരണ ക്യാമ്പയിൻ

ചാലക്കുടി: സേക്രഡ് ഹാർട്ട് കോളജിന്റെ നേതൃത്വത്തിൽ എനർജി മാനേജ്മെന്റ് സെന്റർ ഫോർ എൻവയോൺമെന്റ് ആൻഡ് ഡെവലപ്മെന്റുമായി ചേർന്നു ഊർജ കിരൺ ബോധവൽക്കരണ ക്യാമ്പയിൻ നടത്തി. സനീഷ്കുമാർ ജോസഫ് എംഎൽഎ ഉദ്ഘാടനം ചെയ്തു. കോളജ് പ്രിൻസിപ്പൽ ഡോ. സിസ്റ്റർ ഐറിൻ, നഗരസഭാ ചെയർമാൻ വി.ജി. പൈലപ്പൻ, കൗൺസിലർ ബിന്ദു ശശികുമാർ, പി.ജെ. മാത്യു എന്നിവർ പ്രസംഗിച്ചു. തുടർന്നു ബോധവൽക്കരണ റാലിയും ഊർജ സംരക്ഷണ പ്രതിജ്ഞയും ഒപ്പുശേഖരണവും നടത്തി. ഡോ. നിജോ വർഗീസ്, ഡോ. സന്തോഷ് പോൾ, ആയിഷ, ഫർഹീൻ എന്നിവർ നേതൃത്വം നൽകി.

രക്തദാനക്യാമ്പ് നാളെ

കൊടക: ലയൺസ് ക്ലബ്ബ്, തൃശൂർ ഐഎംഎ, ഡിവൈഎഫ്ഐ കൊടക സൗത്ത് മേഖല കമ്മിറ്റി സംയുക്തമായി നാളെ രക്തദാന ക്യാമ്പ് സംഘടിപ്പിക്കും. കൊടക മേൽപ്പുലം ജംഗ്ഷനിൽ രാവിലെ ഒമ്പതു മുതൽ ഒന്നുവരെയാണു ക്യാമ്പ് കൊടക പഞ്ചായത്ത് പ്രസിഡന്റ് അമ്പിളി സോമൻ ഉദ്ഘാടനം ചെയ്യും. ലയൺസ് ഡിസ്ട്രിക്ട് കോ-ഓർഡിനേറ്റർ ഇ.കെ. ശ്രീരാമ സീൻ അധ്യക്ഷനാകും.

Malayala Manorama 03-12-2021



ചാലക്കുടി എസ്എച്ച് കോളജിൽ എനർജി മാനേജ്മെന്റ് സെന്റർ, സെന്റർ ഫോർ എൻവയൺമെന്റ് ആൻഡ് ഡെവലപ്മെന്റ് എന്നിവയുടെ സഹകരണത്തോടെ ഒരുക്കിയ ഊർജ കിരൺ ബോധവൽക്കരണ ക്യാമ്പയിനും ഊർജ സംരക്ഷണ റാലിയും സനീഷ്കുമാർ ജോസഫ് എംഎൽഎ ഉദ്ഘാടനം ചെയ്യുന്നു.

ചാലക്കുടി എസ്എച്ച് കോളജിൽ ഊർജ സംരക്ഷണ റാലി നടത്തി

ചാലക്കുടി • എസ്എച്ച് കോളജിൽ എനർജി മാനേജ്മെന്റ് സെന്റർ, സെന്റർ ഫോർ എൻവയൺമെന്റ് ആൻഡ് ഡെവലപ്മെന്റ് എന്നിവയുടെ സഹകരണത്തോടെ ഊർജ കിരൺ ബോധവൽക്ക

രണ ക്യാമ്പയിന്റെ ഭാഗമായി ഊർജ സംരക്ഷണ റാലി നടത്തി. ഊർജ സംരക്ഷണ പ്രതിജ്ഞ, ഒപ്പുശേഖരണം എന്നിവയും നടത്തി. സനീഷ്കുമാർ ജോസഫ്

എംഎൽഎ ഉദ്ഘാടനം ചെയ്തു. പ്രിൻസിപ്പൽ ഡോ.സിസ്റ്റർ ഐറിൻ, നഗരസഭാധ്യക്ഷൻ വി.ജി. പൈലപ്പൻ, കൗൺസിലർ ബിന്ദു ശശികുമാർ എന്നിവർ പ്രസംഗിച്ചു.

Sl.No.	Name of student	Class
1.	Aiswarya A S	II DC CHEMISTRY
2.	Anakha A S	II DC CHEMISTRY
3.	Anija K G	II DC CHEMISTRY
4.	Anjana A S	II DC CHEMISTRY
5.	Ansa Joji	II DC CHEMISTRY
6.	Aparna T N	II DC CHEMISTRY
7.	Athira T N	II DC CHEMISTRY
8.	Darena Davis	II DC CHEMISTRY
9.	Delna Thomas	II DC CHEMISTRY
10.	Devika Chandran	II DC CHEMISTRY
11.	Jyothilakshmi D A	II DC CHEMISTRY
12.	Krishnapriya P V	II DC CHEMISTRY
13.	Riya Royis	II DC CHEMISTRY
14.	Rosmy Roy	II DC CHEMISTRY
15.	Soniya Paulson	II DC CHEMISTRY
16.	Anna Joseph	II DC CHEMISTRY
17.	Anuja P A	II DC CHEMISTRY
18.	Mariya Jose	II DC CHEMISTRY
19.	Merin Elizabeth	II DC CHEMISTRY
20.	Midhuna M	II DC CHEMISTRY
21.	Phoncy Paul	II DC CHEMISTRY
22.	Aswathy P M	II DC CHEMISTRY
23.	Archana M P	II DC CHEMISTRY
24.	Avanya	II DC CHEMISTRY
25.	Abhirami	II DC CHEMISTRY
26.	Anagha	II DC CHEMISTRY
27.	Aswani Jibi	II DC CHEMISTRY
28.	Krishna priya	II DC CHEMISTRY
29.	Krishnaja	II DC CHEMISTRY
30.	Nivedhitha	II DC CHEMISTRY
31.	Nandhana	II DC CHEMISTRY
32.	Sreenandhana	II DC CHEMISTRY
33.	Suvarna	II DC CHEMISTRY
34.	Emil maria	II DC CHEMISTRY
35.	Efriya	II DC CHEMISTRY
36.	Souparnika	II DC CHEMISTRY
37.	Hridaya	II DC CHEMISTRY
38.	Deepthi	II DC CHEMISTRY
39.	Bhavana	II DC CHEMISTRY
40.	Isha Sunilkumar	II DC CHEMISTRY
41.	Aleena Wilson	II DC CHEMISTRY

42.	Aagnadas	II DC CHEMISTRY
43.	Jesna Joffy	II DC CHEMISTRY
44.	ANJALY ANTONY	II MSC CHEMISTRY
45.	ANN MARIYA SHAJI	II MSC CHEMISTRY
46.	DINIYA V. V	II MSC CHEMISTRY
47.	JAINA C. J	II MSC CHEMISTRY
48.	JENCY JOY	II MSC CHEMISTRY
49.	JULIEYA JOHN	II MSC CHEMISTRY
50.	MARIYA DAVIS	II MSC CHEMISTRY
51.	NEERAJA P	II MSC CHEMISTRY
52.	NIMISHA C	II MSC CHEMISTRY
53.	REEGHA DAVIS	II MSC CHEMISTRY
54.	SAJITHA BARVIN S	II MSC CHEMISTRY
55.	SMITHA K	II MSC CHEMISTRY
56.	Aiswarya mariya	I MSC CHEMISTRY
57.	Akhila M S	I MSC CHEMISTRY
58.	Ansa mol	I MSC CHEMISTRY
59.	Aswathy S	I MSC CHEMISTRY
60.	Brilly Thomas	I MSC CHEMISTRY
61.	Jeena Chandran	I MSC CHEMISTRY
62.	Krishna priya	I MSC CHEMISTRY
63.	Malavika	I MSC CHEMISTRY
64.	Mayadevi	I MSC CHEMISTRY
65.	Meera K V	I MSC CHEMISTRY
66.	Nivedhya	I MSC CHEMISTRY
67.	Sreelakshmi	I MSC CHEMISTRY

Training session for Kudumbasree members and NSS students- cleaning materials for daily use

On December 26th 2021, the self employment unit of chemistry department under the guidelines of Miss. Heena Peethambaran conducted a workshop and demonstrated preparation of cleaning products like washing powder, vanilla dish wash, hand wash, toilet cleaner, floor cleaner and soap for NSS students and kudumbasree members. Kudumbasree has many sales centers which were highlighted during the talk. The session was conducted between 3:00 PM to 5:00 PM. About 100 participants were present. It was a very timely workshop in the midst of the lockdown, here people could know about a self employment idea and implement it in their daily life.









Details of participants in the workshop:

Sl. No.	Name of the student	Class
1.	Ahalya V.L	II DC CHEMISTRY
2.	Aiswarya P.R	II DC CHEMISTRY
3.	Aiswarya Krishnan	II DC CHEMISTRY
4.	Akhila A.B	II DC CHEMISTRY
5.	Amritha T.K	II DC CHEMISTRY
6.	Anupama K. B	II DC CHEMISTRY
7.	Biji V.L	II DC CHEMISTRY
8.	Hiba U.	II DC CHEMISTRY
9.	Jaishna E.M	II DC CHEMISTRY
10.	Jewel Johny	II DC CHEMISTRY
11.	Jyothilakshmi A.S	II DC CHEMISTRY
12.	Krishnapriya C.G	II DC CHEMISTRY
13.	Shahanaz Fathima	II DC CHEMISTRY
14.	Sneha Shaju	II DC CHEMISTRY
15.	Uthara T.B	II DC CHEMISTRY
16.	Aleena Joshy	II DC CHEMISTRY
17.	Aleena Joy	II DC CHEMISTRY
18.	Anagha Sunil	II DC CHEMISTRY
19.	Angel Feba	II DC CHEMISTRY
20.	Aswathy Pradeep	II DC CHEMISTRY
21.	Manjima Sanil	II DC CHEMISTRY
22.	Megha P.P	II DC CHEMISTRY
23.	Pavithra R. Menon	II DC CHEMISTRY
24.	Sandra M.A	II DC CHEMISTRY
25.	Sreelakshmi E.K	II DC CHEMISTRY

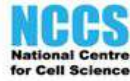


AQAR 2020-21

ZOOLOGY

Criterion III - RESEARCH, INNOVATIONS AND EXTENSION

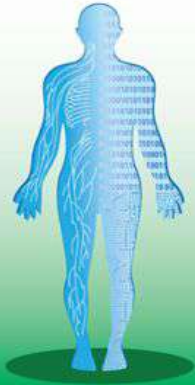
SUB CRITERION -3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year.



This is to certify that

Adithya P R

Participated In **Manav Scientific Reading and Comprehension Self Assessment Module (Subject Category - Microbiology)** during Sept - Oct 2021.



**HOLISTIC
REPRESENTATION OF
HUMAN BODY**

Handwritten signature of Prof. M. V. Krishna Sastry in blue ink.

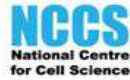
Prof M. V. Krishna Sastry
Project Co-Ordinator & Principal
Investigator, Scientist G
NCCS, Pune

Handwritten signature of Dr. Nagaraj Balasubramanian in blue ink.

Dr. Nagaraj Balasubramanian
Principal Investigator,
Associate Professor,
IISER, Pune

Handwritten signature of Dr. Anamika Krishanpal in blue ink.

Dr. Anamika Krishanpal
Principal Investigator,
Senior Domain Specialist,
PersistentLABS, Pune



This is to certify that

Amrutha ms

Participated In **Manav Scientific Reading and Comprehension Self Assessment Module (Subject Category - Microbiology)** during Sept - Oct 2021.



**HOLISTIC
REPRESENTATION OF
HUMAN BODY**

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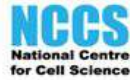
Prof M. V. Krishna Sastry
Project Co-Ordinator & Principal
Investigator, Scientist G
NCCS, Pune

A handwritten signature in blue ink, appearing to read "Nagaraj Balasubramanian".

Dr. Nagaraj Balasubramanian
Principal Investigator,
Associate Professor,
IISER, Pune

A handwritten signature in blue ink, appearing to read "Anamika".

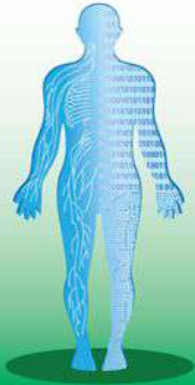
Dr. Anamika Krishanpal
Principal Investigator,
Senior Domain Specialist,
PersistentLABS, Pune



This is to certify that

Anjali A S

Participated In **Manav Scientific Reading and Comprehension Self Assessment Module (Subject Category - Microbiology)** during Sept - Oct 2021.



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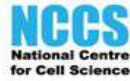
Prof M. V. Krishna Sastry
Project Co-Ordinator & Principal
Investigator, Scientist G
NCCS, Pune

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Dr. Nagaraj Balasubramanian
Principal Investigator,
Associate Professor,
IISER, Pune

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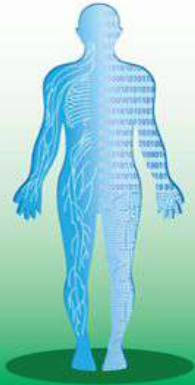
Dr. Anamika Krishanpal
Principal Investigator,
Senior Domain Specialist,
PersistentLABS, Pune



This is to certify that

Arya M B

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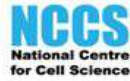
Prof M. V. Krishna Sastry
Project Co-Ordinator & Principal
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NCCS, Pune

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Dr. Nagaraj Balasubramanian
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Associate Professor,
IISER, Pune

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Dr. Anamika Krishanpal
Principal Investigator,
Senior Domain Specialist,
PersistentLABS, Pune



This is to certify that

ATHIRA. C .S

Participated In **Manav Scientific Reading and Comprehension Self Assessment Module (Subject Category - Biochemistry)** during Sept - Oct 2021.



**HOLISTIC
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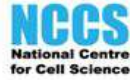
Prof M. V. Krishna Sastry
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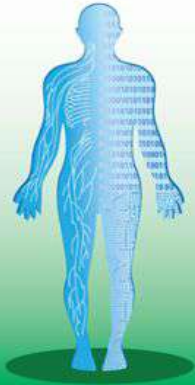
Dr. Anamika Krishanpal
Principal Investigator,
Senior Domain Specialist,
PersistentLABS, Pune



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Chandana.T.K

Participated In **Manav Scientific Reading and Comprehension Self Assessment Module (Subject Category - Microbiology)** during Sept - Oct 2021.



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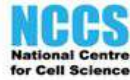
Prof M. V. Krishna Sastry
Project Co-Ordinator & Principal
Investigator, Scientist G
NCCS, Pune

A handwritten signature in blue ink, appearing to read "Nagaraj Balasubramanian".

Dr. Nagaraj Balasubramanian
Principal Investigator,
Associate Professor,
IISER, Pune

A handwritten signature in blue ink, appearing to read "Anamika".

Dr. Anamika Krishanpal
Principal Investigator,
Senior Domain Specialist,
PersistentLABS, Pune



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Dona Mary

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Prof M. V. Krishna Sastry
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Krishnapriya.V.R

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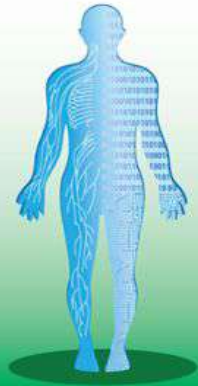
Prof M. V. Krishna Sastry
Project Co-Ordinator & Principal
Investigator, Scientist G
NCCS, Pune

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Dr. Nagaraj Balasubramanian
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Associate Professor,
IISER, Pune

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PersistentLABS, Pune



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Lakshmipriya T.A

Participated In **Manav Scientific Reading and
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Category - Microbiology)** during Sept - Oct 2021.

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Prof M. V. Krishna Sastry
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Liya babu

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Prof M. V. Krishna Sastry
Project Co-Ordinator & Principal
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N.B Shreya Nupura

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Comprehension Self Assessment Module (Subject
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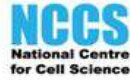
Prof M. V. Krishna Sastry
Project Co-Ordinator & Principal
Investigator, Scientist G
NCCS, Pune

Handwritten signature of Dr. Nagaraj Balasubramanian in blue ink.

Dr. Nagaraj Balasubramanian
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Associate Professor,
IISER, Pune

Handwritten signature of Dr. Anamika Krishanpal in blue ink.

Dr. Anamika Krishanpal
Principal Investigator,
Senior Domain Specialist,
PersistentLABS, Pune



This is to certify that

Nandana A S

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Prof M. V. Krishna Sastry
Project Co-Ordinator & Principal
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NCCS, Pune

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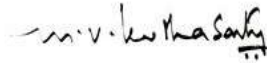

IISER PUNE


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This is to certify that

REENA JOSE

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Comprehension Self Assessment Module (Subject
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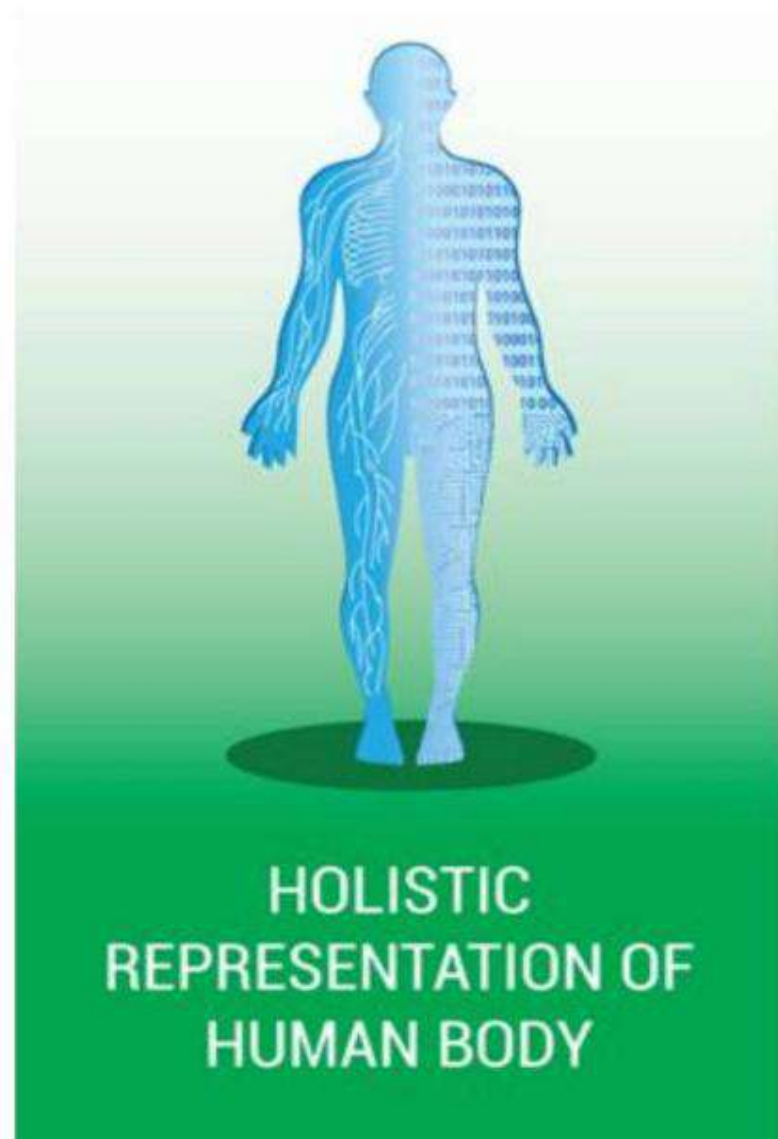
Prof M. V. Krishna Sastry
Project Co-Ordinator & Principal
Investigator, Scientist G
NCCS, Pune



Dr. Nagaraj Balasubramanian
Principal Investigator,
Associate Professor,
IISER, Pune



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PersistentLABS, Pune



This is to certify that

Sangeetha V M

Participated In **Manav Scientific Reading and Comprehension Self Assessment Module (Subject Category - Microbiology)** during Sept - Oct 2021.

Prof M. V. Krishna Sastry
Project Co-Ordinator & Principal Investigator, Scientist G
NCCS, Pune

Dr. Nagaraj Balasubramanian
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Associate Professor,
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SURYA SURESH

Participated In **Manav Scientific Reading and
Comprehension Self Assessment Module (Subject
Category - Microbiology)** during Sept - Oct 2021.

Handwritten signature of Prof. M. V. Krishna Sastry in blue ink.

Prof M. V. Krishna Sastry
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Investigator, Scientist G
NCCS, Pune

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IISER, Pune

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SUSNA FATHIMA P H

Participated In **Manav Scientific Reading and
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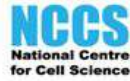
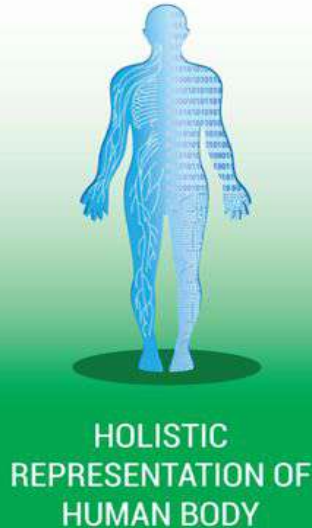
Prof M. V. Krishna Sastry
Project Co-Ordinator & Principal
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NCCS, Pune

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Associate Professor,
IISER, Pune

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Dr. Anamika Krishanpal
Principal Investigator,
Senior Domain Specialist,
PersistentLABS, Pune



This is to certify that

Vandhana T. V

Participated In **Manav Scientific Reading and Comprehension Self Assessment Module (Subject Category - Microbiology)** during Sept - Oct 2021.

A handwritten signature in blue ink, appearing to read "M. V. Krishna Sastry".

Prof M. V. Krishna Sastry
Project Co-Ordinator & Principal Investigator, Scientist G
NCCS, Pune

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Associate Professor,
IISER, Pune

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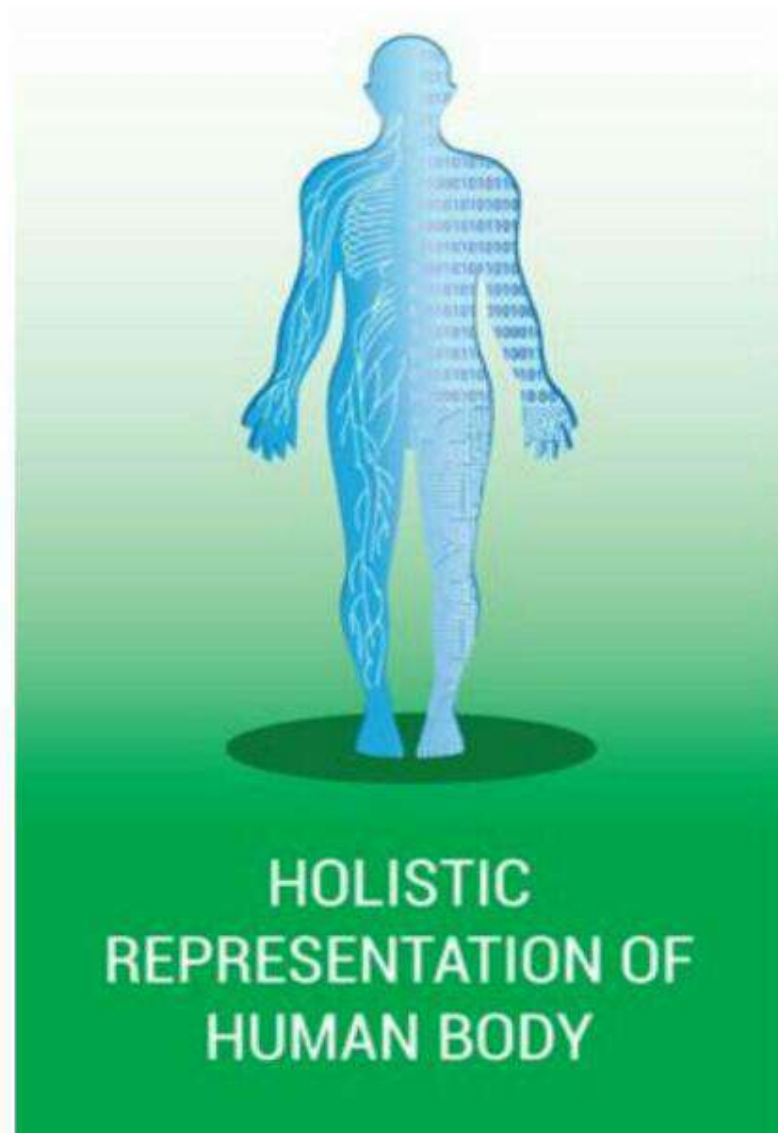
MAYA. V. P

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Prof M. V. Krishna Sastry
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Principal Investigator,
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IISER, Pune

Dr. Anamika Krishanpal
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PersistentLABS, Pune



This is to certify that

ROSMY THOMAS

Participated In **Manav Scientific Reading and Comprehension Self Assessment Module (Subject Category - Microbiology)** during Sept - Oct 2021.

Prof M. V. Krishna Sastry
Project Co-Ordinator & Principal Investigator, Scientist G
NCCS, Pune

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Associate Professor,
IISER, Pune

Dr. Anamika Krishanpal
Principal Investigator,
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Persistent LABS, Pune



AQAR 2020-21

ECONOMICS

Criterion III - RESEARCH, INNOVATIONS AND EXTENSION

SUB CRITERION -3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year.

Dear Sir/Madam,

Greetings!

We cordially invite you to the National Webinar entitled, "Research Methods for Beginners in Economics" organized by the Department of Economics Sacred Heart College, Chalakudy, Kerala in collaboration with Department of Economics St. Joseph's College (Autonomous), Irinjalakuda, Kerala on 24th December 2020 at 11.00 A.M. We are highly privileged to welcome Faculty, Research Scholars, Graduate and Post graduate students of Economics for their active participation.

With Warm Regards,

Dr. Sr. Reena Ittyachan

Principal & Webinar-Chairperson
Sacred Heart College, Chalakudy.

Dr. Sr. Asha Therese

Principal & Webinar-Chairperson
St. Joseph's College (Autonomous),
Irinjalakuda.

Organizing Committee

Dr. Chacko Jose P.

HoD & Convenor-Webinar
Sacred Heart College, Chalakudy.

Ms. Daisy P.K

HoD & Convenor-Webinar
St. Joseph's College (Autonomous),
Irinjalakuda.

Mr. Nijil Jacobi

Coordinator-Webinar
Sacred Heart College, Chalakudy.

Ms. Jomol Thomas

Coordinator-Webinar
St. Joseph's College (Autonomous),
Irinjalakuda.

Executive Members

Dr. Shirley Jose K,
Ms. Jini Thomas &
Ms. Nicy Jose.

Sacred Heart College, Chalakudy.

Dr. Valsa John C,
Ms. Beena C.A,
Ms. Anisha N.G &
Ms. Akhila N.

St. Joseph's College (Autonomous),
Irinjalakuda.



Department of Economics
Sacred Heart College, Chalakudy, Kerala

&

Department of Economics
St. Joseph's College (Autonomous),
Irinjalakuda, Kerala



Jointly organize

A National webinar

on

"Research Methods for Beginners in Economics"

Inauguration

Date: 24th DECEMBER 2020

Time: 11.00 A.M



DR. SUDEV NADUVATH
Associate Professor
CHRIST
(Deemed to be University)
BANGALORE

Resource Person



DR. K.P. VIPIN CHANDRAN
Assistant Professor
Department of Economics
Krishna Menon Memorial
Govt. Womens College, Kannur.

For Registration :

<https://forms.gle/rHkStf9YEjG3W7rZA>

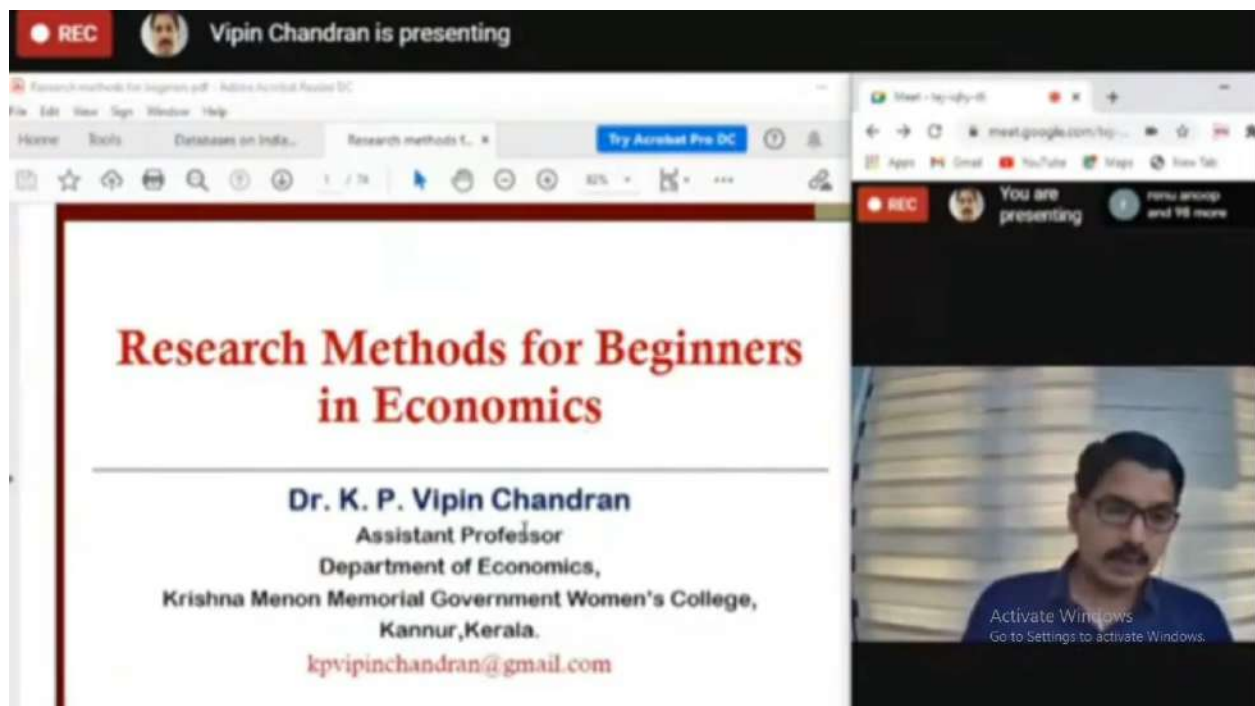
Platform: Google Meet and You Tube

Programme Chart

Prayer	: Ms. Femina Joy, I BA Economics, St. Joseph's College (Autonomous), Irinjalakuda
Welcome	: Dr. Chacko Jose P, Webinar Convenor & Head, Department of Economics, Sacred Heart College, Chalakkudy
Presidential Address	: Dr. Sr. Asha Therese, Principal, St. Joseph's College (Autonomous), Irinjalakuda
Inauguration	: Dr. Sudev Naduvath, Associate Professor, Department of Mathematics, Christ (Deemed to be University), Bangalore
Invited Talk	: Dr. K. P. Vipin Chandran, Assistant Professor, Department of Economics, Krishna Menon Memorial Govt. Women's College, Kannur
Q & A Session Moderator	: Ms. Krishnageethi N.S, III BA Economics, Sacred Heart College, Chalakkudy
Vote of Thanks	: Ms. Jomol Thomas, Webinar Coordinator, Department of Economics, St. Joseph's College (Autonomous), Irinjalakuda

National Webinar on Research Methods for Beginners

A “National Webinar on Research Methods for Beginners” was conducted on 24th December 2020 in collaboration with St. Joseph’s College (Autonomous), Irinjalakuda, Kerala. The programme was inaugurated by Dr.Sudev Naduvath, Associate Professor, Christ, Deemed to be University, Bangalore. Dr. K.P Vipin Chandran, Assistant Professor, Krishna Menon Memmorial Women’s College, Kannur was the resource person for the event.



The image is a screenshot of a Zoom webinar. At the top, a black bar shows a red 'REC' icon, a profile picture of Vipin Chandran, and the text 'Vipin Chandran is presenting'. Below this is a PDF viewer window displaying a slide. The slide has a white background with a red border. The title 'Research Methods for Beginners in Economics' is written in a large, bold, red serif font. Below the title, the presenter's name 'Dr. K. P. Vipin Chandran' is in a bold black font, followed by his title 'Assistant Professor', department 'Department of Economics', college 'Krishna Menon Memorial Government Women's College, Kannur, Kerala.', and email 'kpvipinchandran@gmail.com'. To the right of the PDF viewer is a Zoom video window showing a man with glasses and a mustache, identified as Vipin Chandran, in a blue shirt. A watermark 'Activate Windows' is visible in the bottom right corner of the video window.

REC Vipin Chandran is presenting

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**Research Methods for Beginners
in Economics**

Dr. K. P. Vipin Chandran
Assistant Professor
Department of Economics,
Krishna Menon Memorial Government Women's College,
Kannur, Kerala.
kpvipinchandran@gmail.com

REC Vipin Chandran is presenting

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Role of Hypothesis

- ❑ It gives a definite point to the investigation and provides direction to the study.
- ❑ It determines the data needs.
- ❑ It specifies the sources of data.
- ❑ It suggests which type of research is likely to be more appropriate.
- ❑ It determines the most appropriate technique of analysis.
- ❑ It contributes to the development of theory.

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REC Vipin Chandran is presenting

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The Research Process

THE RESEARCH PROCESS			
Phase	PHASE A	PHASE B	PHASE C
Main task	DECIDING ↓ WHAT <small>(research questions to answer?)</small>	PLANNING ↓ HOW <small>(to gather evidence to answer the research questions)</small>	CONDUCTING ↓ COLLECTING <small>(the required information)</small>
Operational steps/research journey			

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AQAR 2020-21

COMMERCE

Criterion III - RESEARCH, INNOVATIONS AND EXTENSION

SUB CRITERION -3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year.

2nd December 2020

REPORT

WEBINAR ON RESEARCH METHODOLOGY

The Post Graduate Department of Commerce conducted a WEBINAR ON RESEARCH METHODOLOGY for the enhancement of research knowledge among students. The webinar was designed especially for third year B.Com students on 2nd December 2020. Prof.Dr.Madhusoodanan Kartha, Department of Commerce, Panampilly Memorial Government College Chalakudy delivered the session. 98 students and nearly 10 teachers participated in this webinar.

This webinar provided a clear cut idea about different types of research, research design, research methodology, different tools for data analysis, and a guideline for a good report writing in research.

It was beneficial for the students to gain knowledge about the research work and also to know about various research tools and its applications. Along with the webinar, a doubt clearing session was also arranged which made the webinar more successful due to high interaction of the students with the resource person.

SACRED HEART COLLEGE CHALAKUDY
Re-accredited by NAAC A+ Grade
Department of Commerce in Association with IQAC

WEBINAR ON RESEARCH METHODOLOGY

Resource Person :

Dr. Madhusoodanan Kartha N V
Assistant Professor,
Panampilly Memorial
Government College
Chalakudy

Date & Time : Wednesday, 2nd December, 2020 from 11 am.

Webinar Platform :
Zoom

Register here :
<https://forms.gle/9FGj4u6AviUzwVIK8>

For more details :
Keerthana, 9074094105

We cordially invites the presence and support from students and faculty members to this Webinar on Research Methodology organized by Department of Commerce and Management Studies, Sacred Heart College Chalakudy, Thrissur.

Co ordinators : Nimitha P M, Keerthana T U, Revathy M S.



AQAR 2020-21

PHYSICS

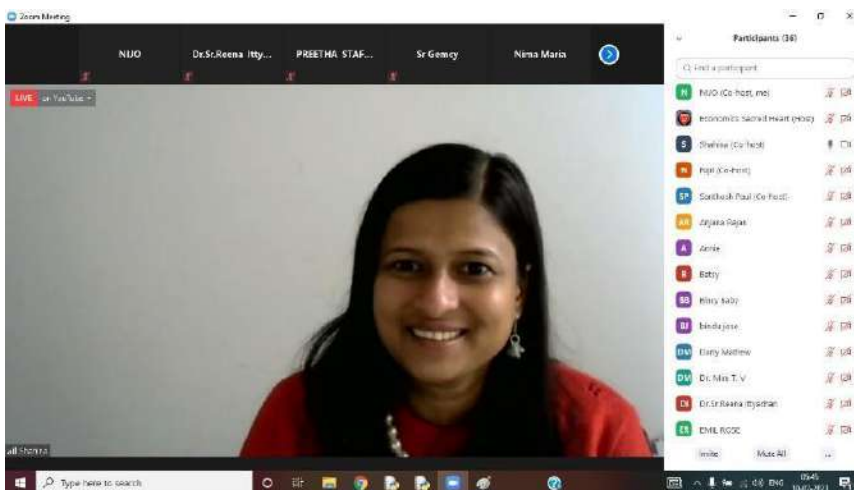
Criterion III - RESEARCH, INNOVATIONS AND EXTENSION


SUB CRITERION -3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year.

2020-21

Seminar on An overview in the Intellectual Property Rights

The Alumni association of the college and the department of Physics organized a seminar on An overview on Intellectual Property Rights on 10th July 2021 in online mode. Dr. Shahina Abdulla, Intellectual Property Consultant, Tatasteel Europe, The Netherlands was the resource person. Faculties of the college, students and the alumnae members participated.



ANNUAL ALUMNI MEET 2021 SACRED HEART COLLEGE, CHALAKUDY <small>www.sacredheartcollege.ac.in</small> 10th July 2021, 10.00 am Online at College YouTube Channel <small>https://www.youtube.com/channel/UCi2j-yUYGIPpjEVUIDMXWg</small>	
Prayer	
Welcome (5 minutes)	Ms Meghna Cherian Secretary, Alumni Association
Inauguration (10 minutes)	Dr. Sr. Irene Principal
Felicitations (5 minutes each)	Mrs Molly Sebastian Former Head of the Department of History Dr. Santosh Paul Head of the Department of Chemistry
Talk by alumni (20 minutes each)	Dr. Shahina Abdulla Intellectual Property Consultant, Tatasteel Europe, The Netherlands <i>An overview on Intellectual property rights</i>
	Ms. Varsha Binth Saif Visiting Researcher, NRCT, Thailand <i>Opportunities to study abroad with scholarship</i>
	Ms Sandhya Thomas <i>Experiences of a women entrepreneur</i>
Election of representatives	
Discussion / Feedback (15 minutes)	
Vote of thanks (5 minutes)	Ms Preetha Varghese President, Alumni Association
Please join the college alumni data base <small>(Link available on college website / alumni association office bearers / HOD of your department)</small> Please subscribe to our college YouTube channel to watch the Annual Alumni Meet live	
Scan to watch live → 	



AQAR 2020-21

Criterion III - UDHYAM

SUB CRITERION - 3.2.2.1 - Total Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

06th February, 2021

To,
The Principal
SH College, Chalakkudy

Sub: Proposal for Entrepreneurship Skills Program

Dear Sir / Ma'am,

Please find below a proposal to implement the Udhyam Youth Engagement - Entrepreneurship Skill set Program - to enable youngsters associated with your institution to develop basic skill sets of entrepreneurship and increased awareness on career choices.

About the organisation:

Udhyam Learning Foundation, a not-for-profit organization, was founded in 2017 with a vision of co-creating a caring world where people fearlessly pursue their potential. Udhyam Learning Foundation ("Udhyam") has in the last 2.5 years worked on building entrepreneurial mindsets and skill sets in students in schools , ITIs and Colleges in the states of Karnataka, Haryana and Delhi among others.

Udhyam Youth Engagement's aim is to equip youngsters (14-25 years) with the skills to optimise their learning and growth opportunities, and enable them to make informed, fearless choices in the long run.

About the Entrepreneurship Skill Set Program:

- The four days - eight hours entrepreneurship program aims to develop entrepreneurship skill sets among the students.
- The four days program includes
 - Basic meaning and understanding of entrepreneurship.
 - Demystifying myths around entrepreneurship.
 - Ideation - Finding ideas for your business
 - Understanding and creating your business model for Student's business idea.
 - Pitching your business idea
 - Presentation by students on their business ideas.

- The skill sets includes Problem solving, Ideation, Communication skills , Teamwork and critical thinking.

Udhyam's Youth engagement has developed a unique curriculum to build the above skill sets in young learners based on strong pedagogical research and learnings from academia and the world of corporates who practice this at scale.

- **Training and Program roll-out:** The teachers will undergo a three hours training program. Post training , the teachers will roll out the program with the students divided into four sessions spread over seven hours. A total of 10 hours will be invested by teachers in this program.
- **Live Entrepreneur interaction (LEI)** - An hour session will be conducted with an entrepreneur. This is an opportunity for the students to interact and know about real world challenges of entrepreneurship.
- **Support :** Udhyam would provide regular support to Instructors on the ground.
- **Measurement:** Udhyam through the use of feedback and assessment form would measure student learning outcomes of the program and share with the institute.

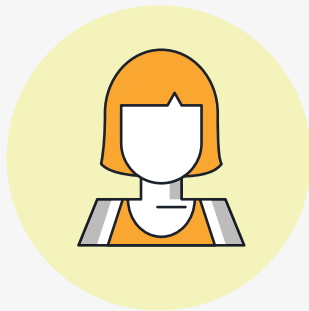
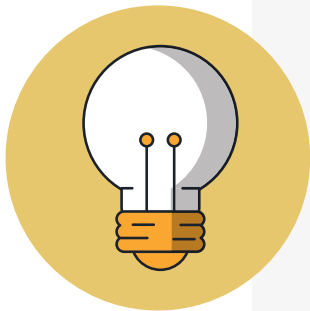
We request you for relevant permissions from the institute for successfully running this program.

Thanking You,

Suhail Kundil
Udhyam Learning Foundation

YOUTH ENGAGEMENT'S ENTREPRENEURSHIP SKILLSETS PROGRAM - KERALA

Program Design / Facilitators guide



A brief general guidelines for facilitators for online facilitation :

- **The endeavor of facilitators should be make the session as participative as possible. Encourage the students to speak and share their thoughts and feeling. Please communicate to the them that "Their is nothing right or wrong in these session. All of us are here to learn from each other."**
- **You can encourage the students to to use of thumbs up / thumbs down / Emoticons to know their responses and feeling. This will help build connection.**



- **There are seven small videos in the program. All of them come at specific point to make or drive certain point related to entrepreneurship skillsets. Please watch the video before the session. Facilitators are free and encouraged to make their own observations / notes and frame their question for debriefing all these videos.**
- **Facilitators can play and pause the video as when required and ask questions to students while playing the video also. This way students grasp the points better.**
- **Please check the internet issues while playing the video. Play it again if students were not able to catch up with the video or wants it to be played again.**
- **This document (Program design) serves as facilitator's guide as well. This is meant for facilitator's to be used for preparing for the session.**
- **Each session has complementary presentation slides created to be used in the session or class. Facilitators can use this for presentation when they conduct the session with the students. Please go through the presentation before hand.**

PROGRAM DESIGN

The Program consists of three sessions and one live entrepreneur interaction (LEI) focusing on entrepreneurship skillsets for youth.

SESSION	DESCRIPTION
SESSION 1	<p>An introduction to entrepreneurship Meaning .Why entrepreneurship skillsets, Who is an entrepreneur? Who can do entrepreneurship? Busting myths / misconceptions?</p> <p>Case stories / Videos</p>
SESSION 2	<p>Ideation - How to generate business ideas ?</p> <p>Case stories / Videos</p>
SESSION 3	<p>Learn to make a simple one page business plan</p> <p>Learn to pitch your product / idea and convincing an audience to believe in your product</p> <p>Case stories / Videos</p>
SESSION 4	<p>Live entrepreneur interaction (LEI) - Guest Interaction with an entrepreneur.</p>

Through the entrepreneurship skillsets program, we at udhyam aim to give youth an opportunity to experience and develop basics of entrepreneurial skill sets and also provide them with some useful resources and information.

SESSION 1

Overview: (2 Hours)

- What is entrepreneurship?
- Who is an entrepreneur? Who can do entrepreneurship? Busting myths / misconceptions?
- What are the characteristic of an entrepreneur?
- What is a business idea?
- Characteristic of a good business idea?

Let's begin

Part 1: What is entrepreneurship? 20 - 25 mins

Begin the session with asking the following question with the students.

Try to get as many answers as possible. Moderate the discussion and motivate students to speak.

Questions: (Each question is mentioned in the slide)

Have you heard of the term entrepreneurship / start up? If yes, what do you understand about it?

Is entrepreneurship only about doing business ?

Can an employee working in a company can use can act as an entrepreneur or use his entrepreneurship skills within the organization he / she is working ?

Are you doing your business? Do you have a family business? What has been your experience like ? (If any).

Have you considered starting their business or being an entrepreneur?

- Explain the students the meaning of entrepreneurship and why they need to know about entrepreneurship?

Facilitator's note - (Refer slides)

Entrepreneurship is more than simply wanting to start a business.

Entrepreneurship = Mindset + Skillset

We are ALL entrepreneurs!

- Artists/Musicians - need to know how to market and sell their art
- Doctors - may have their own practices
- **Intrapreneurs** - innovate from within companies
- Teachers - have to be resourceful, develop and implement courses and advocate for students.

Explain the students the traditional definition of entrepreneurship

Traditional definition - (For facilitators use) - The activity of setting up a business or businesses, taking on financial risks in the hope of profit. It can be classified into small or home business to multinational companies. The profits that an entrepreneur makes are with a combination of land, natural resources, labour and capital.

Conduct the activity below -

- **Activity 1 : (5 - 10 mins) -** The aim of this activity is to help identify entrepreneurs and their entrepreneurship skills in their (students) own local area. What they think these qualities / characteristics are before they begin to know more about entrepreneurship.

Ask the students to think about an entrepreneur / business men who they know or have mate or they find in their locality.

Give them 5 - 10 minutes and ask them to write about that entrepreneur. - What he does ? what skillsets he / she has ? how he different from others ? How he / she is good at the business / organization he / she is running ? **(All the questions are in the slide)**

- When the time is over, ask and motivate the students to speak and share.
- **Facilitator's should jot down the important points and debrief.**

- After the activity and explain the students about the core or deeper meaning of entrepreneurship. (Refer the facilitator's note below.). **This is different from the traditional definition of entrepreneurship.**

Facilitator's note - Use this to explain the students.

Entrepreneurship is a term that's been casually thrown around for some time now. Many people limit the definition of an Entrepreneur to 'A person who starts their own business.'

But, Entrepreneurs are those free spirited people who dare to dream big, think differently and have the ability to get their work executed the way they want. You do what it takes to get where you want to be.

The core of Entrepreneurship is building a solution to a problem and taking the necessary steps to make it a reality. They are problem solvers. - (Emphasize on this point).

Let's move on to the next part. Let's explain students why they need entrepreneurship skills.

Part 2 : Why do you (Students) need entrepreneurship skills? - 10 Mins

These skill sets are essential or very important rather than just desirable. Below are some of the reasons which can be used to explain the students.

PREPARE STUDENTS FOR AN UNCERTAIN FUTURE. - We live in an age of unprecedented global and technological transformation. Today's students face an uncertain future full of complex global, social, and environmental issues.

According to the World Economic Forum's Future of Jobs survey, half of today's work activities could be automated by 2055, creating completely new roles, responsibilities, and challenges for the future workforce.

Therefore, we cannot predict exactly what our students will need to know after they graduate. **Entrepreneurship-focused programs teach students crucial life skills that will help them navigate this uncertain future. These skills include problem-solving, teamwork, empathy, as well as learning to accept failure as a part of the growth process.**

LEAVE ROOM FOR CREATIVITY AND COLLABORATION. -

As standardized testing has become more common in public schools, opportunities for students to innovate and collaborate with others have become more scarce. Entrepreneurship education encourages creativity, innovation, and collaboration.

TEACH PROBLEM IDENTIFICATION.-

Students need to learn how to identify problems before they learn how to solve them. Problem-solving has been taught in schools for decades – but the same cannot be said for problem identification. Traditionally, problem-solving is taught by presenting students with issues that are already clearly defined by someone else. In the real world, problems can only be solved when they have been properly identified and described. Entrepreneurship education teaches children to identify problems they have never encountered before – a skill that will be very useful in tomorrow's world.

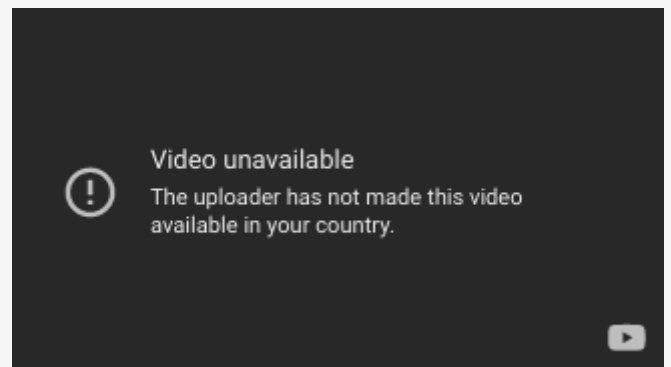
MAKE THE WORLD A BETTER PLACE.

Entrepreneurs seek to solve problems, meet needs, and ease pain points with the help of their products and services. They are hard-wired to make a difference and make the world a better place. By participating in entrepreneurship programs, students don't just become ready to create their own futures – they become ready to change the world.

Part 3 : Who is an entrepreneur? Who can do entrepreneurship? – 30 Mins

Play and show this case story to the students. (Facilitators are advised to watch the videos in advance).

The video below is a story of a 13 year old entrepreneur from mumbai – Tilak Mehta.



[Click here](#)

English - Start the Video from 1:10
(Timestamp) to make it shorter.

[Click here](#)

[Hindi Version](#)

After you have shown the video , Ask the students the following questions.

- What problem Tilak is trying to solve ? Did he recognize a problem face by many ?
- How did he get the idea ?
- Do you think his idea is unique?
- After watching this video, do you think is their any age to be an entrepreneur or do you require any special qualification ?

Facilitator's Note: : Papers n parcel - Debrief

Tilak Mehta is a 13 years old entrepreneur from Bombay.

What problem Tilak is trying to solve ? -

In 2018, when he visited his uncle on other part part of Bombay, he had forgotten his book at his parent's place. As he was far from his home, he wanted to get his book delivered to him as he had to prepare for exam. He called many courier agencies but all were charging a lot which was more than the cost of the books. He wondered how people get their things delivered within Bombay the same day (same day delivery).

Dabbawalla came to his mind who already have existing network of delivery. constitute a lunchbox delivery and return system that delivers hot lunches from homes and restaurants to people at work in India, especially in Mumbai. The lunchboxes are picked up in the late morning, delivered predominantly using bicycles and railway trains, and returned empty in the afternoon.

13 year's old Tilak along with his uncle collaborated with dabbawalas and convinced them to provide their delivery system for deliver courier for his company. He launched his idea named paper n parcels in 2018. His company is does more than 1200 deliveries per day and aims to make it a 100 crore company. (Facilitators are requested to watch the both the above videos)

Now, explain the students "Who is an entrepreneur?"

Facilitator's note: Use the points below

- An entrepreneur is someone who is the master of understanding the problem of others. **-Refer to Tilak's video and story - How he understood the problem ?**
- An entrepreneur is an individual who creates a new business, takes most of the risks and enjoys most of the rewards.
- The entrepreneur is commonly seen as an innovator, a source of new ideas, goods, services, and business/or procedures. **- Refer to Tilak's video and story - How he understood the problem ?**
- The bigger the problem and original the solution , more successful you are.

Part 4: What is a business idea?

Explain the students the characteristic of a good business idea using the content below:

Characteristic of good business idea: Point are as below

- Based on a an opportunity
- A market with little or no supply or growth potential.
- It must respond to a consumer need.
- It has to be profitable.
- Viable both in the short and long term
- Value or added value that is not being offered in the market. Value of the size of the market.

Show the video below to the students and debrief.



Facilitator's note - Meet Monalisha chanu from Manipur. Sha has invented first eco-friendly pen and pencils. She has started Envy pens which sells pens for only Rs. 10. The pen is biodegradable made out of waste plastic and grows into a plant of put into soil. .She wants to save the environment. These a handmade pens and pencils.

[Click here](#)

This idea is a great business opportunity. With the increase in solid waste and plastic, such product will have a high demand. It responds to consumer need who want to use eco-friendly product and nature's need also. It is cost effective and profitable. Eco-friendly products have long term viability. Such products are and will be on demand soon all across the world. Envy pens has high chances of success and most characteristic of a good business idea. It's innovative as well.

Ask the questions below to the students based on the video. - Facilitator's can use the notes to debrief.

- What the business idea in the video ?
- What problem it is solving ? Ask the students to describe the product.
- Is the future for such bio-degradable product is bright? - Yes , it is the future.
- Is the product making the world better ?

Note - For an entrepreneur, the main motivation is finding ways to ease the lives of people, to find solutions to problems, to explore what's previously left unexplored. Entrepreneurs often visualize an opportunity gap, a gap between what exists and what could exist. Many entrepreneurial ideas aim to solve small everyday problems.

- Give this take home activity to the students.

Take Home Activity : Write 10 sentences / 200 words of one idea or skills you are good at and you can start a business with it.

END

SESSION 2

Overview: (2 Hours)

Part 1 : My entrepreneurial self - An activity

Part 2 : How to come with up entrepreneurial ideas? - The skill we are focusing here is ideation.

Let's begin, Today we are going to start with an activity. We have some awesome stories for you / students as well. One from Kerala also .So, stay tuned. :)

Part 1:

**Activity - Entrepreneurship & Self Awareness: My Entrepreneurial Self Activity - (30 Mins - 40 Mins) - The aim of this activity is to help student reflect
Start the session today with this activity**

Facilitator's note - (Explanation for the activity) - Use this to start the activity. This is a self awareness activity for the students.

- **Step 1: Explain the students "Why for an entrepreneur self awareness is important?" (Slide Presentation) - Use the content below to explain the students.**

Facilitator's note

Entrepreneurs begin with what they know and what they see around them. However, as they look outward to identify challenges and opportunities where they can create value for others, they also must look inward.

Successful entrepreneurs aren't only successful because they've had a good idea. a successful entrepreneur is one that has the confidence to take risks, be resilient in the face of failure, learn and grow from their experiences, and persevere until they make their vision a reality.

A quote for inspiration

"You may encounter many defeats, but you must not be defeated. In fact, it may be necessary to encounter the defeats, so you can know who you are, what you can rise from, how you can still come out of it." - maya angelou.

These qualities are internal. **The heart of a startup is only as strong as the heart of the entrepreneur.** Therefore it is crucial that an entrepreneur understand and assess their strengths and limitations. They must know their passions and be able to communicate them.

This self-awareness allows the entrepreneur to persevere through the challenges and struggles during the process of making their idea a reality. **Entrepreneurs use significant time and attention to reflect on the ideas and issues that matter to them.**

- **Step 2 : Ask the students to take out their note book and write and reflect on the following questions?**

Ask them one question at a time and give them 3 - 4 mins to write for each question.

Questions -

Here a few questions to help you reflect on your passions, strengths, and interests:

- **What matters most to you? What are your priorities?**
 - Ex. Is it spending time with family or maybe caring for animals?
- **What is your true calling? What do you wake up wishing could do?**
 - Ex. Is it playing video games or taking photographs of puppies?
- **What are your wildest hopes and dreams?**
 - Ex. What if you could breathe underwater? What if you could go back in time?
- **What can people count on you for? What are your strengths?**
 - Ex. Is it making webpages? Maybe it's making people smile?
- **What do you need to work on? What are your weaknesses?**
 - Ex. Maybe it's making a budget and sticking to it. Or organizing your room?
- **Imagine yourself 50 years from now, talking to someone your own age. What three pieces of advice would you give them about life?**
- **Step 3 : After the students are done writing, ask them to share their answers and reflections and debrief.**

Part 2: How to come with up entrepreneurial ideas?



[Click here](#)

An initiative by entrepreneurs Lakshmi Menon and Gopinath Parayil, Chekutty is a doll upcycled from the Chendamangalam handloom sarees that were destroyed during the Kerala floods. The main challenge in front of them was the large heap of soiled garments that could not be cleaned despite washing with chlorine. What can be done with those clothes? That was when Lakshmi came up with the idea of making dolls from these soiled clothes,” Gopinath recounts. Thus, Chekutty was born.

One saree would generally cost Rs 1,300. If we can make 360 dolls from one saree, with each doll costing Rs 25, the value of the saree goes up to Rs 9,000. The problem of waste sarees worth crores was turned into upcycled dolls. The money earned from the sale of these dolls will go to the Chendamangalam Handloom Weavers.

Let's begin the session.

Ask the students "have they heard of "Chekutty" before".

Start with showing "The Chekutty Story" to the students. - You can use the note and video above for debriefing. (Please watch the video before the sessions and make your own notes if needed.)

The facilitators can pause and play the video in between and to ask questions to the students to make sure the students are following up.

Debrief the video by asking the following questions: These are the list of questions. Facilitator's can come up with their own questions based on the video.

- What problem weavers were facing ?
- How the designer - Shalini and team solved the problem ? What was the sustainable opportunity they saw ?
- What is product idea - Chekutty ?
- How it came into existence ? What was the problem ? What problem flood has caused to the fabric ? Why they did not burn the fabric ?
- What medium they to market the product and help awareness ?
- How much money a waste saree / or a saree that was supposed to be burnt was generating after it was made into the dolls ? - Rs. 9000.

Ask following questions to students and ask them to think on these lines to come up with new entrepreneurial ideas? - Use the **bold points below** to explain the students the meaning behind each question. Student can ideate their business idea using one of the strategies below.

1. Where and in what areas you are unhappy in the course of a day? - Tell students that "Every unhappiness is waiting to be business, waiting to be born." - Use the reference stories / video discussed earlier and how unhappiness leads to an product / Business idea. - Ex - Tilak Mehta story / Chekutty story.

2 .What skills do you have which people can pay you for? What are you good at ? What are you passionate about ? One skill you want to develop which you use to start your business ? -Tell student A common thread for new entrepreneurs is starting with something they really love and believe in?

3. Think of a business idea which can solve a problem - Can you think of an idea which can solve problem ?

Let's see an example. Show this short video and debrief.



[Click here](#)

Facilitator's note - Aloe E-cell is an eco-friendly approach for devices. It has created eco-friendly and non hazardous batteries using Aloe Vera. It replaces the toxic and hazardous chemicals of the batteries with the batteries with the herbal electrolyte. The product is widely covered by national and international media. The founders made the product when they were in college and were only 21 years old. They use their interest in technology and skills.

Ask the following question to the students.

- 1.What is the product idea ?
- 2.How it is solving a problem ?

Tell the students - You can also think of a product/ business idea which solves a problem. If they focus on understanding a problem , find one to solve and come with a solutions> many business idea began with solving small problem for their customer which led them to become entrepreneur.

4. Can you make people lives easier ? Tell the students - You can come up with your entrepreneurial idea / product which can make people lives easier.

Let's see an example. Show this video to the students and ask the question on the next page debrief.



[Click here](#)

Public toilets in India are mostly unhygienic. Whenever you are outside we want to avoid it as it's not clean. Some times it also difficult for us to find toilets in market or public place. With corona virus into picture, the concern for clean toilets has increased making it a big problem to solve. Let's see how freshroom is solving the problem.

Addressing the issue of hygiene in public toilets, Fresh Rooms promises to offer a luxury & hygienic space to freshen up also taking care of their user's luggage and their comfort. Also, Fresh Rooms App which will help you locate the nearest public toilet, details of opening hours, accessibility, parking and other extra features.

Question:

- How freshroom's is making people lives easier ?

So, ask students - How they can make people life easier to come with their product / business idea?

5. Idea that fulfill a need. Can you think of a product / business idea which fulfills a need ?

Ask the students - what is a need?

Facilitator's Note - a need is requirement - (something) because it is essential or very important rather than just desirable.

Let's see an example.

Show this video to the students and debrief.



[Click here](#)

Ask the student and debrief

- What need Greensoul is serving or catering to?
- How did they started ? How are they making the product ?
- What people they are catering to ?
- When did they started the company?
- How they got money to start the business?

Facilitator's note :

Greensoul - Debrief - What do you do with your worn out shoes ? You throw away right ?

Do you know that there are 1.5 BILLION people who don't even have a footwear or can't afford one. a big need to solve. There are lakhs of children in Indian villages who are walking to school without footwear. A big need to fulfill. Right ? Also, there are 3.6 million shoes goes to landfill. (which we throw away).

23 year old shriyans and 24 year old Ramesh felt this need and came up with the idea of recycled shoes. The recycle old shoes into slippers and give it to needy. Also, they sell these this shoes in their website. You can also buy them and support to the needy. They started with the idea and went to various business plan competitions and raised money to start their business. They have donated in 300 villages. The idea has been praised by Rata Tata and Barak Obama as well.

SESSION 3

Overview: (2 Hours)

We are going to focus on two skillsets.

Part 1 : Business Model Canvas (BMC) – How to put your idea on paper ?

Part 2 : Idea Pitching ? How to communicate your big idea?

Let's begin,

Welcome to the last day of ESC program. From the last two sessions, you have learned about the basic meaning of entrepreneurship. You now know how think about business idea and the question to ask yourself around ideation.

First,

Now, Imagine you have a big business / product idea in your head. Now, if i ask you to out your business idea on one piece of a paper, can you do it ? (take some responses from the students). That is what we are going to learn today.

Second,

Imagine! You have a great idea. An investor has asked to tell him about your business idea. How will you tell him about your business idea ? (Gather some responses from the students.). We are going to learn about idea pitching.

Part 1 : Business model canvas

As mentioned earlier, Imagine you have a big business / product idea in your head. Now, if I ask you to out your business idea on one piece of a paper, can you do it ?

Let's learn how to do it. Let's see what is business model canvas and how you can put your big idea on paper.

BMC – A simple business model canvas has following eleven parts and it covers all the parts of your idea. It is a very important skill to learn if you are serious about starting your business idea in future.

The business model canvas is a great tool to help you understand a business model in a straightforward, structured way. It also help you to think about each and every component / part of your idea / plan.

Using this canvas will lead to insights about the customers you serve, what value propositions are offered through what channels, and how your company makes money.

You can also use the business model canvas to understand your own business model or that of a competitor!

The eleven parts are as follows: - (Credit: www.strategyzer.com)

1. **The problem:** What problem your idea is solving ? ? or What need your idea is fulfilling ? / or how are you making customer lives easier? /
2. **The Solution** - Describe your business idea / what is your solution to the above problem ?
3. **Key partners** - Who are are key partners ? / Your collaborators / Stakeholders
4. **Key metrix / numbers** - Key numbers / figures you will consider for your idea.
5. **Key resources** - What are the resources you will need start your business
6. **Value proposition** - What are feature that make a idea or product attractive to customers.
7. **Unfair advantage** - If any - Of your idea over your competitors
8. **Customer segment** -Who are you customer or who will buy your product ? Define the age , need, their interest , behavior , likes and dislikes.
9. **Channel** - How will your product reach the customer ? Modes of communication with customer. Ex - Online or Store
10. **Cost structure** - What are your expenses ? How much you will have to spend to start your business ? - Think of the costs you are going to incur.
11. **Revenue streams** - Last but not the least how are you goin to earn money ?

now Let's understand this using an example - Refer the image of BMC for example.

Part 2: Pitching

Facilitator's note -

What is pitching ?

In this lesson, students will review the elements of excellent persuasive pitch and public speaking. They'll also watch one pitch video for inspiration.

Let's begin

Ask the students - If you are given 10 minutes to talk about an idea / business idea, what will you include and talk about? Also, How will you talk about it.

Pitching is essentially explaining your business plan verbally. An entrepreneur uses a pitch to summarize their ideas and sell themselves to potential investors. The process is so important to entrepreneurs because a successful pitch can secure the funding needed to launch an idea from theoretical to reality.

or

When entrepreneurs come up with new ideas, they have to make short persuasive speeches targeted at potential investors (people who might use their own money to fund a new business or venture in exchange for partial ownership). These speeches are called "pitches."

- It's a short presentation, which talks about your business in less than 10 minutes.
- The pitch could be in the form of speaking and informing the customer about the product. A presentation along with audio/video in front of the crowd.
- Entrepreneurs who give pitches must speak persuasively about their products or ideas. Often, they make pitch videos to send to investors

Other note-worthy skills/characteristics to plan a good pitch -

- **Know a lot about your topic** - Use facts, statistics, and detailed information where appropriate.
- **Plan for the time you have** by writing the speech out or have good notes so you stay focused
- **Keep ideas organized** - You can use BMC.
- Start with a strong opener and use humor (where appropriate) to make it memorable
- Move around, use your hands (but don't be distracting)
- Be confident - speak clearly and believe what you're saying.

Next, Show the video to the students



[Click here](#)

The above video is two 15 years old entrepreneurs who are pitching their business idea to the investors. Please show this full video.

After showing this video, debrief using the below question ? (It is encouraged when facilitators can ask their questions and observation.)

1. Did you like their pitch to the investors ?
2. Were they clear about their idea and confident?
3. Did you find their pitch powerful and convincing ?
4. After watching do you feel confident that you can also create your own pitch ?

- How to create your pitch ?

Facilitator's Note :

Explain to the students - They are create their pitch using below ?

A pitch should provide specific answers to the following questions: Write the answer to these questions and you basic structure is ready. The question are

- Who are you?
- Why should we care?
- What are you selling?
- Who are you selling to?
- Who are your competitors?
- What is the price?
- What do you need?

Part 3 :

- Summarize the session.
- Thank the students for being a part of all the session and the program.
- Ask them to fill the feedback form. - Very Important

END

Resources:

Video links:

1. Paper n parcel - [Click here](#) or [Click here for hindi](#) - A 13 year old entrepreneur. - Age and education is not a barrier in entrepreneurship.
2. Manipur goes green - Biodegradable pens - A case for problem solving - [Click here](#)
3. "The Chekutty Story - Kerala - A doll created out of waste sarees . - Entrepreneurship and helping a community in kerala. - [Click here](#)
4. Aloe E-cell is an eco-friendly approach for devices. - Founded by 21 year old college students. - Solving a future problem - [Click here](#)
5. Freshrooms - [Click here](#) - A case of for making customers life easier.
6. Greensoul - Fulfilling a need - started by 23 years old students. - [Click here](#)
7. Pitch - Collobe - The Efficiency tool solution by two 15 year olds - Pitching your business idea. - [Click here](#)



Entrepreneurship Skillsets
Program
Session - 1

Overview - What you are going to learn in this program?

SESSION	DESCRIPTION
SESSION 1	<p>An introduction to entrepreneurship Meaning .Why entrepreneurship skillsets, Who is an entrepreneur? Who can do entrepreneurship? Busting myths / misconceptions?</p> <p>Case stories / Videos</p>
SESSION 2	<p>Ideation - How to generate business ideas ?</p> <p>Case stories / Videos</p>
SESSION 3	<p>Learn to make a simple one page business plan</p> <p>Learn to pitch your product / idea and convincing an audience to believe in your product</p> <p>Case stories / Videos</p>
SESSION 4	<p>Live entrepreneur interaction (LEI) - Guest Interaction with an entrepreneur.</p>

Session 1 : What are we going to learn in this session

Overview: Introduction to entrepreneurship

- What is entrepreneurship?
- Who is an entrepreneur? Who can do entrepreneurship? Busting myths / misconceptions?
- What are the characteristic of an entrepreneur?
- What is a business idea?
- Characteristic of a good business idea?
- Case Stories



Let's begin



Have you heard of the term entrepreneurship / start up? If yes, what do you understand about it?



Is
entrepreneurship
only about doing
business ?



Are you doing your business? Do you have a family business? What has been your experience like ? (If any).



Can an employee working in a company can act as an entrepreneur or use his entrepreneurship skills within the organization he / she is working ?



**Entrepreneurship is
more than simply
wanting to start a
business.**

**Entrepreneurship =
Mindset + Skillset**

**We are ALL
entrepreneurs!**



We are ALL entrepreneurs!

**Artists/Musicians - need to
know how to market and sell
their art**



We are ALL entrepreneurs!

Doctors - may
have their own
practices



We are ALL entrepreneurs!

**Intrapreneurs -
innovate from
within companies**



We are ALL entrepreneurs!

**Teachers - have to be
resourceful, develop
and implement
courses and advocate
for students.**



Traditional meaning of entrepreneurship

- The activity of setting up a business or businesses, taking on financial risks in the hope of profit.
- It can be classified into small or home business to multinational companies.
- The profits that an entrepreneur makes are with a combination of land, natural resources, labour and capital.



Let's do an activity
5 Mins



Write about an entrepreneur

- Think about an entrepreneur who you know or you find in your locality.
- Take 5 minutes and write about that entrepreneur.
- What he / she does ? what skillsets he/ she has ? how he / she is different from others ? How he / she is good at the work they are doing ?
- Don't write about big names like Elon musk , Steve Jobs. Write about your local entrepreneur.

Let's discuss the activity

Share your observations



*The core of
entrepreneurship is
different from the
traditional definition*



The core of Entrepreneurship is

- building a solution to a problem
- taking the necessary steps to make it a reality. They are problem solvers.



Why do you need entrepreneurship skills?

- **PREPARE STUDENTS FOR AN UNCERTAIN FUTURE.**

- **LEAVE ROOM FOR CREATIVITY AND COLLABORATION.**

- **TEACH PROBLEM IDENTIFICATION**

- **MAKE THE WORLD A BETTER PLACE.**



Who is an entrepreneur? Who can do entrepreneurship?



[Click here](#)

Start from 1:19 - Timestamp_

Let's discuss

- What problem Tilak is trying to solve ? Did he recognize a problem faced by many ?
- How did he get the idea ?
- Do you think his idea is unique?
- After watching this video, do you think is their any age to be an entrepreneur or do you require any special qualification ?



Think Again - Who is an entrepreneur ?

**An entrepreneur is
someone who is the
master of
understanding the
problem of others.**



Who is an entrepreneur ?

Also,

An entrepreneur is an individual who creates a new business, takes most of the risks and enjoys most of the rewards.



Who is an entrepreneur ?

The entrepreneur is commonly seen as **an innovator, a source of new ideas.**

The bigger the problem and original the solution , more successful you are.



What is a business idea?

Characteristic of good business idea:

- Based on a an opportunity.
- A market with little or no supply or growth potential.
- It must respond to a consumer need.
- It has to be profitable.
- Viable both in the short and long term
- Value or added value that is not being offered in the market. Value of the size of the market.

Making Pen with a difference

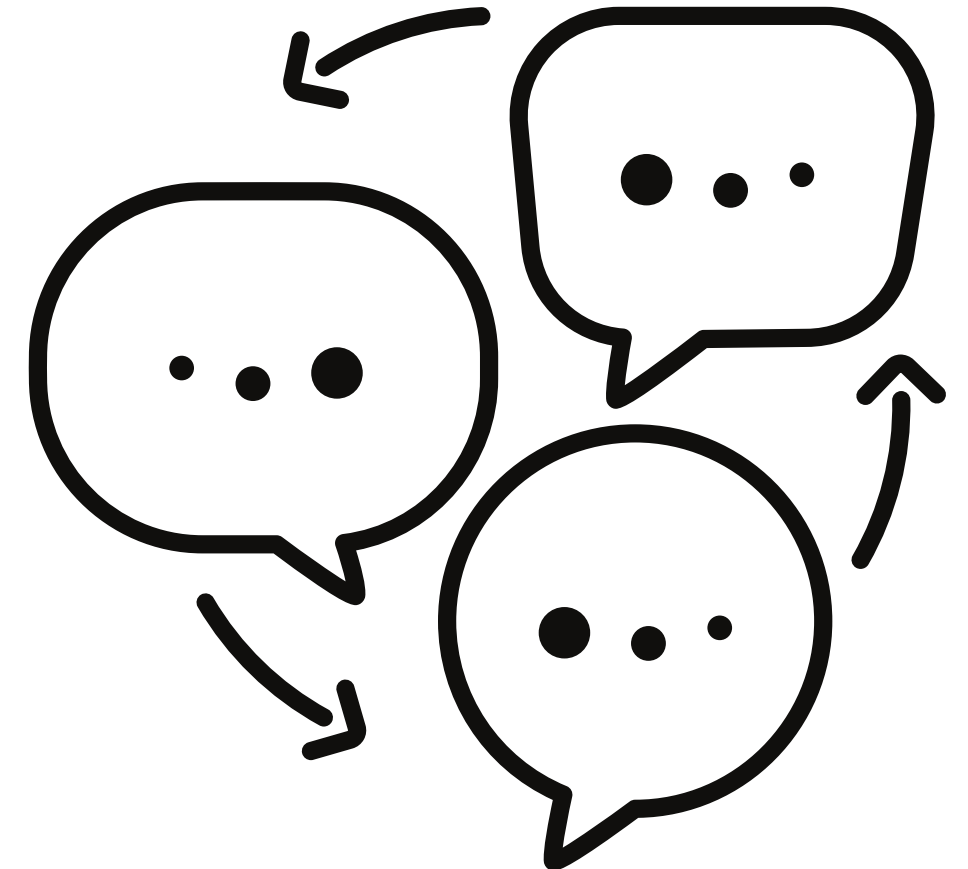


[Click here](#)

Let's discuss

- What is the business idea in the video ?
- What problem it is solving ?
- Is the future for such bio-degradable product is bright?
- Is the product making the world better ?

**GREAT
IDEA!**



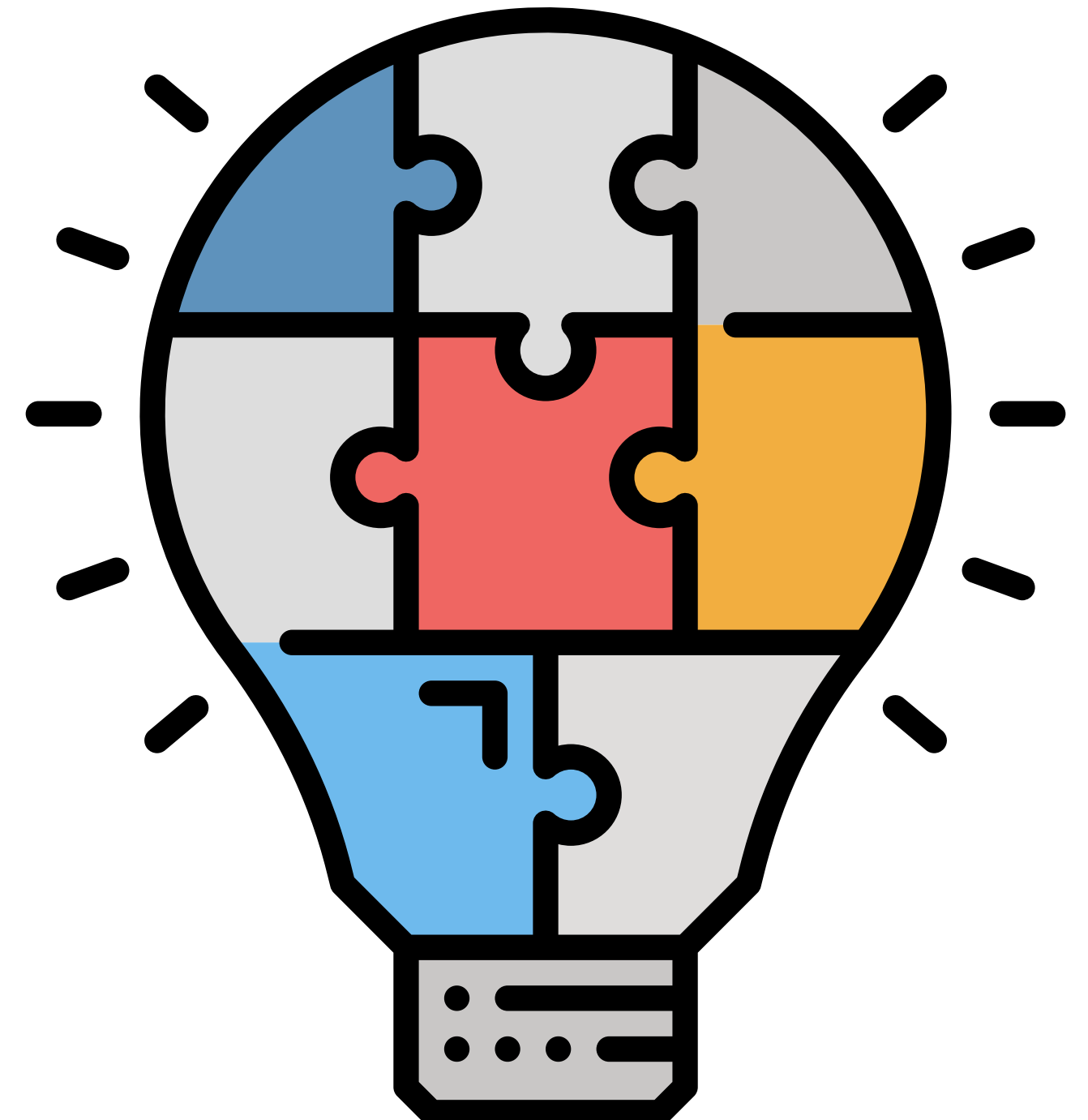
What we learnt ?

For an entrepreneur,
the main motivation is
**finding ways to ease
the lives of people, to
find solutions to
problems, to explore
what's previously left
unexplored.**



What we learnt ?

Entrepreneurs often **visualize an opportunity gap**, a gap between what exists and what could exist. **Many entrepreneurial ideas aim to solve small everyday problems.**



Take Home Activity

Write 10 sentences / 200 words on

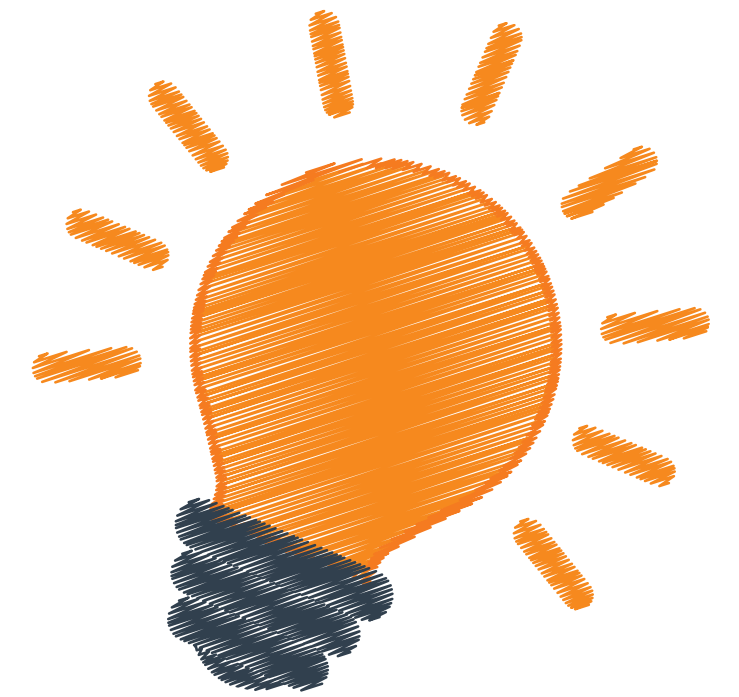
- Imagine Ratan tata has asked you for one idea that you can start a business with. What idea will you propose to him ?**

THANK
you



Entrepreneurship Skillsets
Program
Session - 2

Session 2



Overview:

Part 1 : My entrepreneurial self – An activity

Part 2 : How to come up with entrepreneurial ideas? The questions you need to ask yourself.

- The skill we are focusing here is **ideation**.

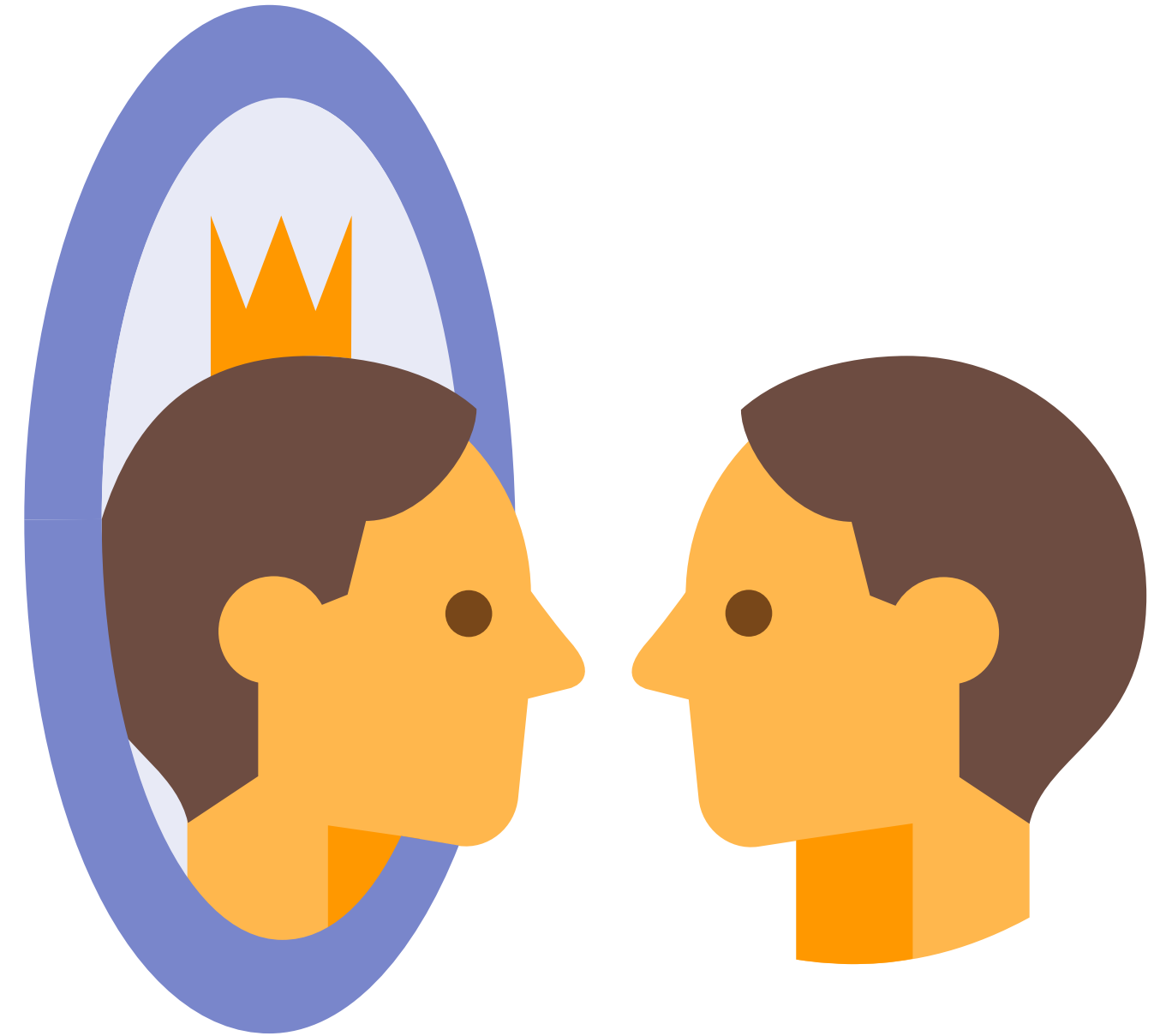
Activity Time

My Entrepreneurial Self



Look within yourself

**Why for an
entrepreneur self
awareness is
important ?**



“You may encounter many defeats, but you must not be defeated. In fact, it may be necessary to encounter the defeats, so you can know who you are, what you can rise from, how you can still come out of it.” – **Maya angelou.**



Entrepreneur's self awareness

The heart of a startup is only as strong as the heart of the entrepreneur.

Therefore it is crucial that an entrepreneur understand and assess their strengths and limitations. They must know their passions and be able to communicate them.



Activity Time

My Entrepreneurial Self

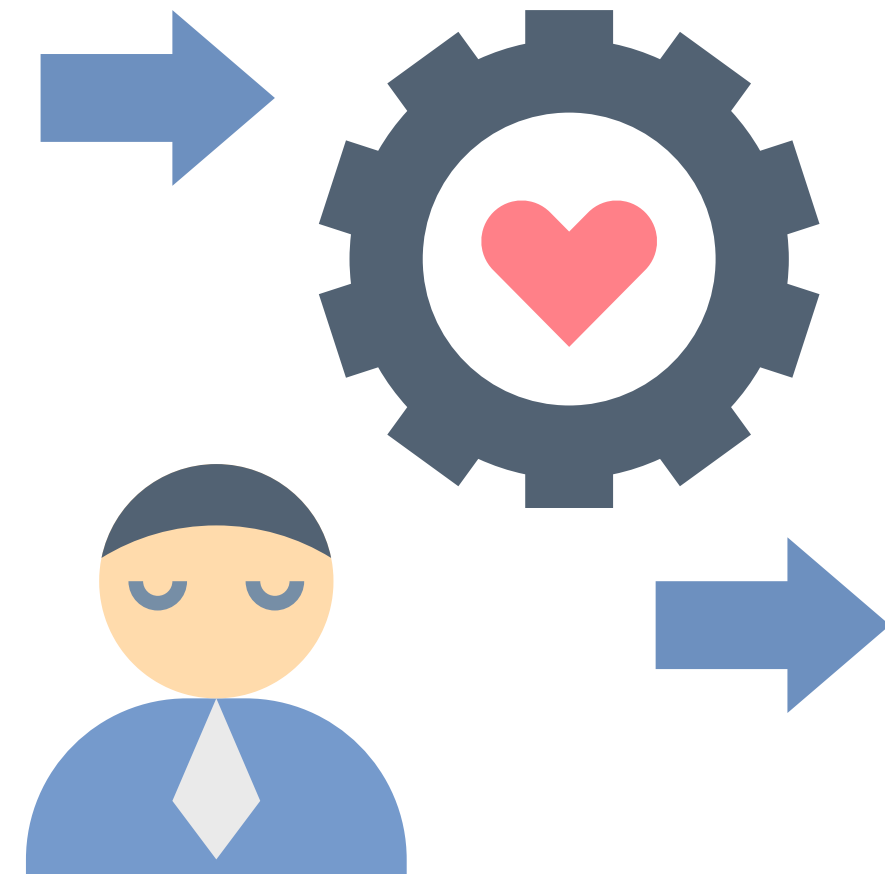
- Take 3 -4 mins each and write about each of the following questions.
- Please write freely. These questions are about you.
- This is not a test and only for better understanding of your self.



Activity Time

My Entrepreneurial Self

1. What matters most to you?
What are your priorities?



Activity Time

My Entrepreneurial Self

2. What is your true calling? What do you wake up wishing could do?



Activity Time

My Entrepreneurial Self

3. What are your wildest hopes and dreams?

Ex. What if you could breathe underwater?
What if you could go back in time?



Activity Time

My Entrepreneurial Self

4. What do you need to work on? What are your weaknesses?

Ex. Maybe it's making a budget and sticking to it



Activity Time

My Entrepreneurial Self

5. Imagine yourself 50 years from now, talking to someone your own age. What three pieces of advice would you give them about life?



Activity Time

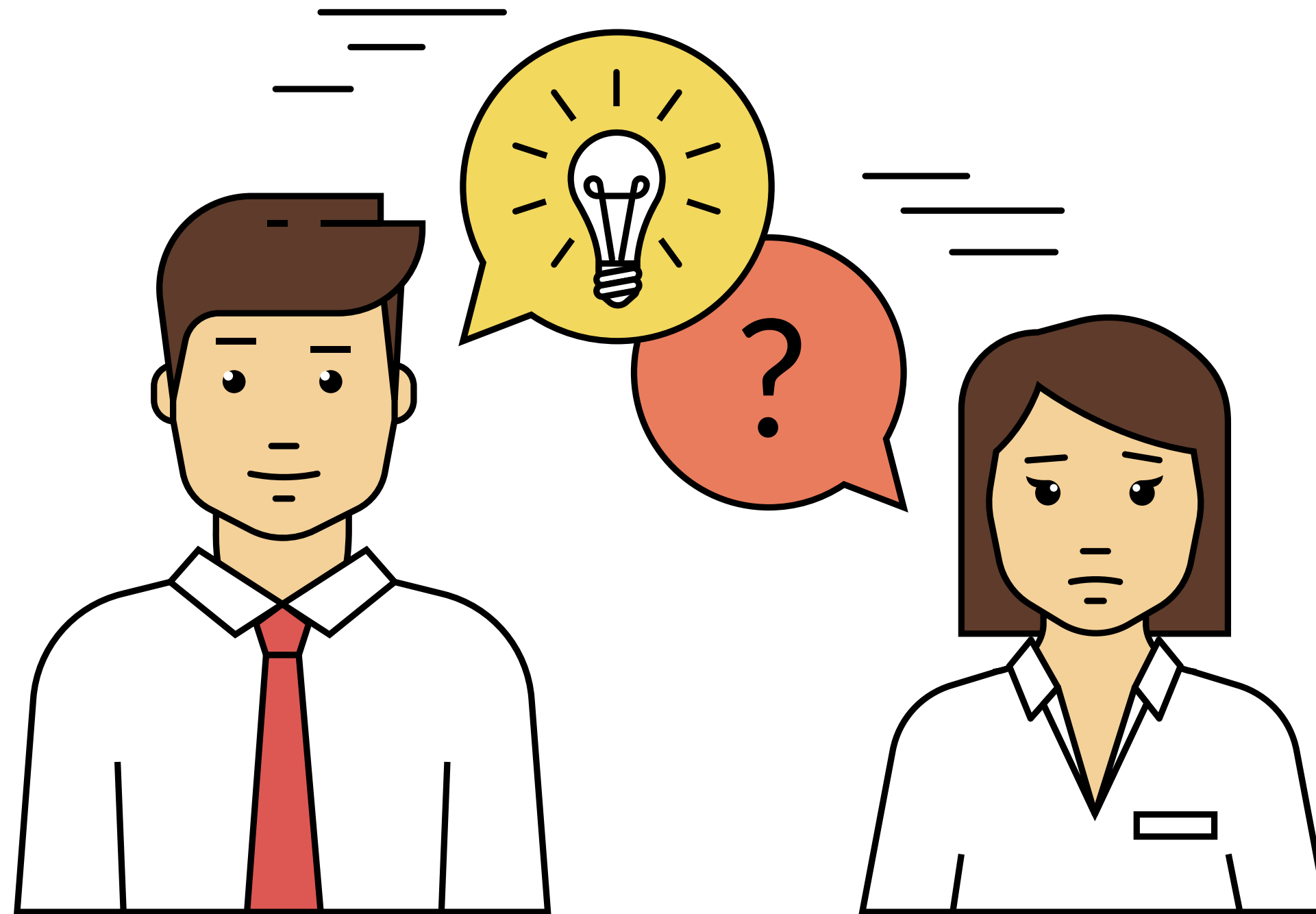
My Entrepreneurial Self

Let's discuss

10 Mins



Part 2: How to come with up entrepreneurial ideas?



"The Chekutty Story"



[Click here](#)

"The Chekutty Story" – Let's discuss

- What problem weavers were facing ? What problem flood had caused to the fabric ? Why they did not burn the fabric ?
- How the designer – Shalini and team solved the problem ? What was the sustainable opportunity they saw ?
- What is the product idea – Chekutty ? How it came into existence ?
- What medium / platform they used to market the product and help awareness ?
- How much money a saree that was supposed to be burnt was generating after it was made into the dolls ?

"The Chekutty Story" – Debrief

The Chekutty Story is one story of an innovative entrepreneurial idea of a product.

**You can think of your own ideas like this.
Be innovative. Inspiration is everywhere.
Keep looking.**

Five ways you can think of your business ideas ?

1. Where and in what areas you are unhappy in the course of a day?

"Every unhappiness is waiting to be business, waiting to be born."

Five ways you can think of your business ideas ?

2. What skills do you have which people can pay you for? What are you good at ? What are you passionate about ?

One skill you want to develop which you can use to start your business in future ?



**Five ways you can think of your
business ideas ?**

**3. Think of a business idea which can
solve a problem - Can you think of an
idea which can solve problem ?**

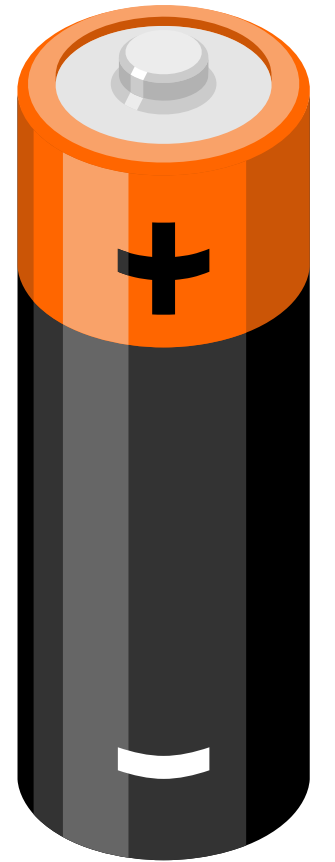
Aloe E-cell - Solving a problem



[Click here](#)

Aloe E-cell - Solving a problem

What is the product idea ?
How it is solving a problem ?



**Five ways you can think of your
business ideas ?**

4. Can you make people lives easier ?

**Think how you can make people's life
easier?**

Freshrooms - How they are making people lives easier?



[Click here](#)

**Five ways you can think of your
business ideas ?**

4. Idea that fulfills a need.

**Can you think of a product / business idea
which fulfills a need ?**

**Five ways you can think of your
business ideas ?**

What is a need?

**A need is requirement - (something)
because it is essential or very important
rather than just desirable.**

Greensoul - Serving a need



[Click here](#)

Greensoul - Serving a need

- What need Greensoul is serving or catering to?
- How did they started ? How are they making the product ?
- What people they are serving ?
- When did they started the company?
- How they got money to start the business?

What we learnt today?

A discussion

THANK
you



Entrepreneurship Skillsets
Program
Session - 3

Overview:

We are going to focus on two skillsets.

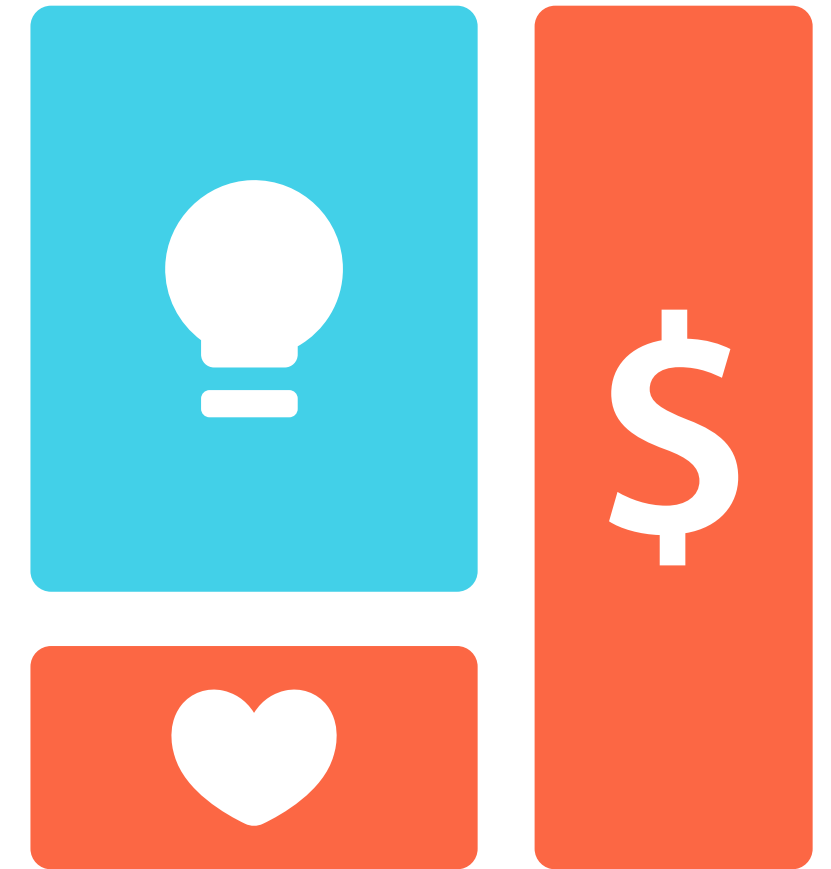
Part 1 : Business Model Canvas (BMC) – How to put your big idea on paper ?

Part 2 : Idea Pitching ? How to communicate your big idea to anyone?

Part 1 : Business model canvas

Imagine you have a big entrepreneurial idea in your head. Now, if I ask you to write your idea on one piece of a paper, can you do it ?

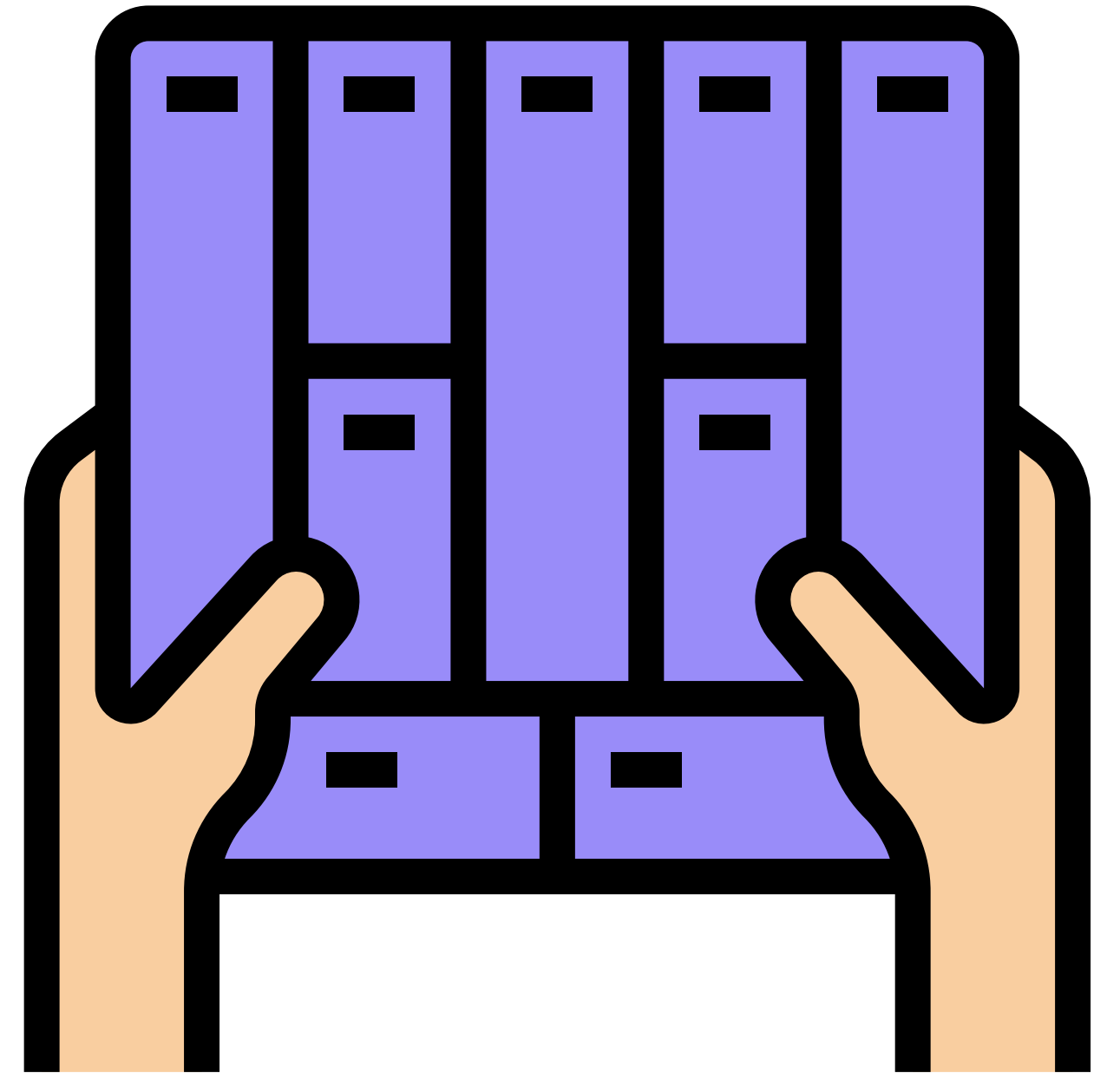
What points you will consider ?



Business model canvas

Let's learn how to do it ?

Let's see what is
business model canvas
and how you can put
your big idea on paper ?



Business model canvas

- **A simple business model canvas has eleven parts.**
- **It covers all the parts of your idea. It is a very important skill to learn if you are serious about starting your business idea in future.**

Business model canvas

- A great tool to help you understand a business model in a straightforward, structured way.
- It also help you to think about each and every component / part of your idea / plan.

Business model canvas

- Using this canvas will lead to insights about the **customers you serve**, what **value propositions** are offered through **what channels**, and how **your idea will makes money**.

Parts of Business model canvas

- It has **11 simple parts** which you can fill to make your idea into a business plan structurally.

Parts of Business model canvas

The eleven parts are as follows: -

1. **The problem:** What **problem** your idea is **solving** ? or What **need** your idea is fulfilling ? / or how are you **making customer lives easier**?

2. The Solution - Describe your business idea / what is your solution to the above problem ?

3. Key partners - Who are are key partners ? / Your collaborators / Stakeholders

4. Key metrix / numbers - Key numbers / figures you will consider for your idea.

Parts of Business model canvas

5. Key resources - What are the **resources you will need start your business.**

6. Value proposition - What are **feature that make a idea or product attractive** to customers.

7. Unfair advantage - If any - of your idea over your competitors

Parts of Business model canvas

8. Customer segment - Who are your customer or who will buy your product ? Define the age , need, their interest , behavior , likes and dislikes.

9. Channel - How will your product reach the customer ? Modes of communication with customer.

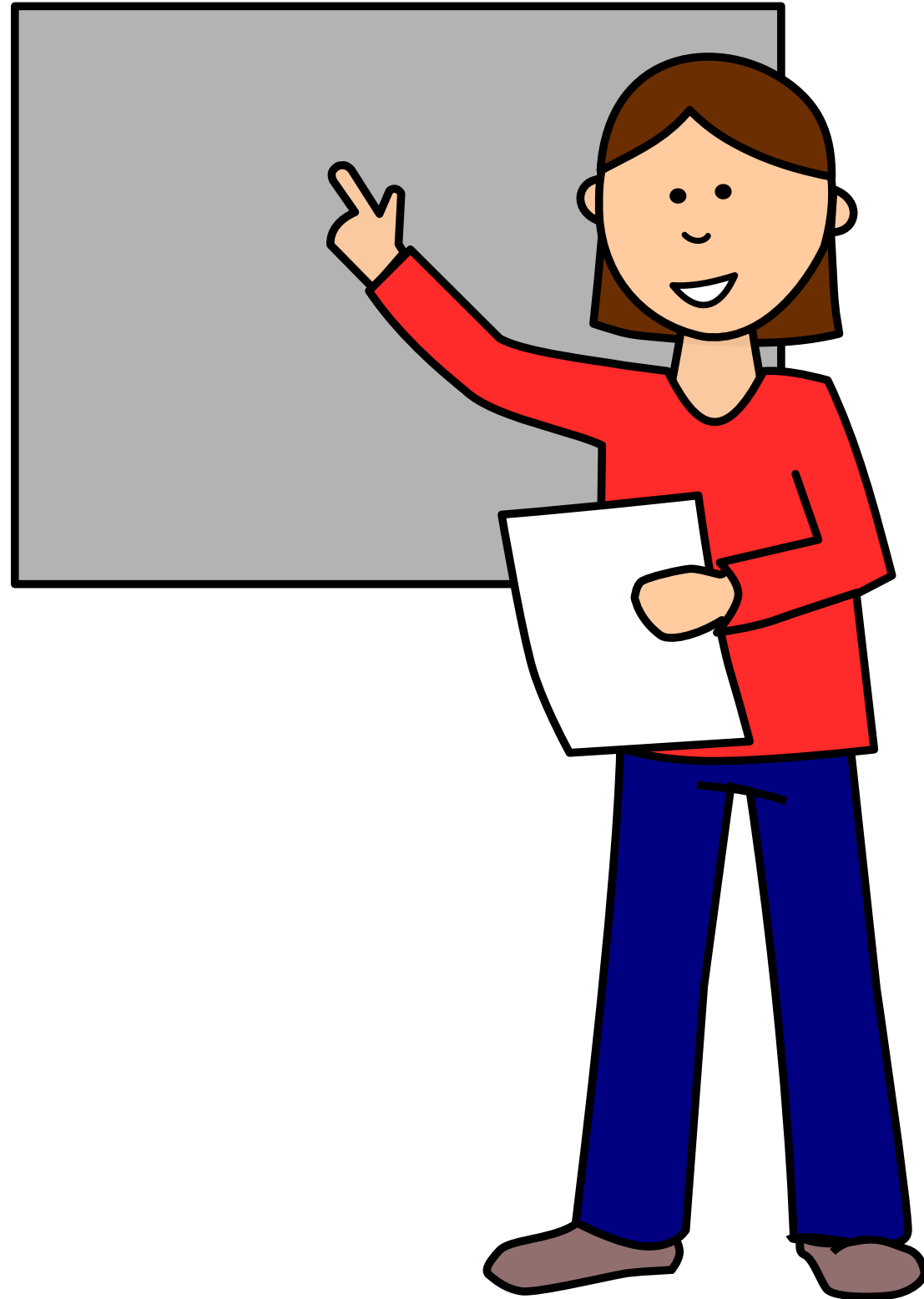
Ex - Online or Store

Parts of Business model canvas

10. Cost structure - What are your expenses ?
How much you will have to spend to start your business ? - Think of the costs you are going to spend.

11. Revenue streams - Last but not the least how are you going to earn money from the idea / business?

Let's understand this using an example



Product: TEEN MAGAZINE

Problem
 Teens want to read about current affairs and learn about issues that affect their lives and the wider world. Currently, there are no current events magazines targeted at this age group and for both genders.

Solution
 A monthly teen magazine that has in-depth features on topical issues such as the environment, politics, and society that provides an opportunity for readers to write in, review, and engage further in topics through contributions to the magazine and the weekly podcast.

Key Partners
 Printing company
 Writers/journalists
 Sponsors for podcast
 Podcast production team
 Podcast distributors (e.g. iTunes)
 Distribution Company
 Youth Organizations
 Schools/Colleges

Key Metrics
 Number of magazines printed
 Cost per magazine (unit cost)
 Number of magazine subscriptions
 Renewal rates for subscriptions
 Number of podcast subscribers
 Number of podcast downloads

Value Proposition
Young people that care about their world, want to engage with it and are interested in how they can connect with like-minded people will find a magazine and a podcast that gives them this opportunity for depth, discussion and connection.

Unfair Advantage
 Targets 13-19-year-olds and links magazine content with the weekly podcast discussion topics. And, reader reviews allow for more in-depth engagement with readers.

Customer Segments
 Core target audience 14-19-year-olds (both genders) interested in current affairs.

 Teens interested in debate, journalism, careers in social science & research

 Libraries, schools, teachers looking for topical content at an appropriate level for teens.

Key Resources
 Computer Software for magazine design & layout
 Podcast Equipment

Channels
 Online subscription for magazine

Cost Structure

Ongoing costs: Rent/office space, salaries, writers' fees, graphic design, printing, digital design & hosting, podcast production & hosting, postage

Structure: The magazine does not contain advertising in order to retain independence & focus on content. This makes it higher quality (especially in the eyes of parents and schools) and effectively a niche magazine. A higher proportion of costs will need to be covered by the cover price of the magazine. A premium (higher than average) price will need to be charged for the magazine.

Revenue Streams

Magazine Subscriptions (individual issues will not be available in the first year, purchase can only be by subscription with a minimum 3 months)

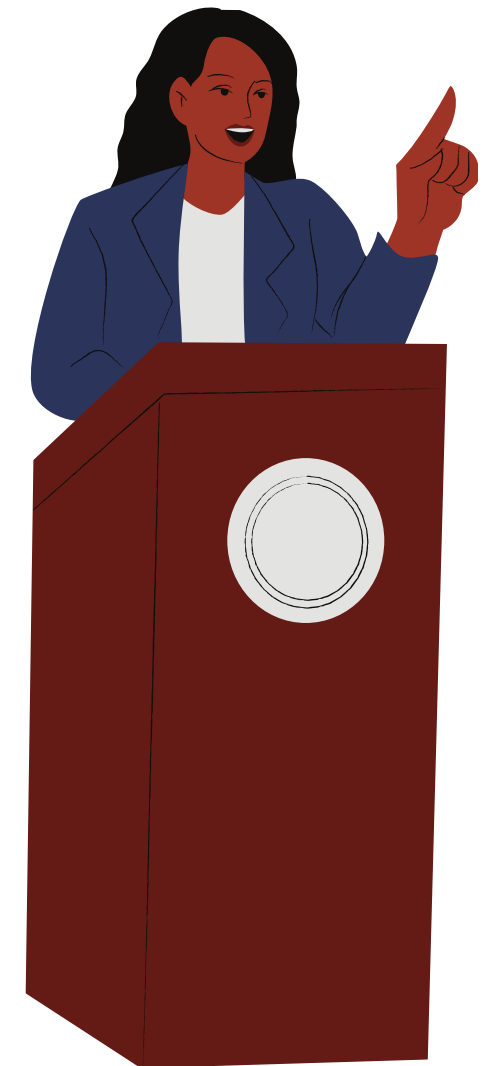
Part 2: Pitching



What is pitching ?

- Pitching is essentially **explaining your business plan verbally to other** . - Any one - friends , customers , investors , family.
- An entrepreneur uses a pitch to summarize their ideas and sell themselves to potential investors.
- **It's a short presentation, which talks about your business in less than 10 minutes.**
- The pitch could be in the form of speaking and informing the customer about the product.

- Entrepreneurs who give pitches **must speak persuasively about their products or ideas.** Often, they **make pitch videos to send to investors.**



How to plan a good pitch

- **Know a lot about your topic – Use facts, statistics, and detailed information where appropriate.**
- **Plan for the time you have by writing the speech out or have good notes so you stay focused**

Characteristics to plan a good pitch

- **Keep ideas organized – You can use BMC**
- **Use humor (where appropriate) to make it memorable.**
- **Move around, use your hands**
- **Be confident – speak clearly and believe what you're saying.**

See 15 years old entrepreneurs who are pitching their business idea



[Click here](#)

Let's discuss the video

- Did you like their pitch ?
- Were they clear about their idea and confident?
- Did you find their pitch powerful and convincing ?
- After watching do you feel confident that you can also create your own pitch ?

How to create your pitch ?

A pitch should provide specific answers to the following questions: Write the answer to these questions and you basic structure is ready.



The question are

- Who are you?
- Why should people listen to your idea?
- What are you selling?
- Who are you selling to?
- Who are your competitors?
- What is the price?
- What do you need?





**What did you learn
in this program ? (In
last three sessions)**

Feedback ?



**Please fill the
feedback form ?**



THANK
YOU



Department

wise

Udhyam

Certificates

• • •

This certificate is presented to

**Athuliya Jayan, II DC, BCOM Computer Application, Sacred Heart College,
Chalakkudy**

for Successful completion of

Entrepreneurship Skillsets program

by

UDHYAM YOUTH ENGAGEMENT



MEKIN MAHESHWARI
Founder
Udhyam Learning Foundation



DR. SR. REENA ITTYACHAN
Principal
Sacred Heart College, Chalakkudy

This certificate is presented to

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Chalakkudy**

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UDHYAM YOUTH ENGAGEMENT



MEKIN MAHESHWARI
Founder
Udhyam Learning Foundation



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This certificate is presented to
Krishna Nivedhya, II DC, BCOM Finance, Sacred Heart College, Chalakudy
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Founder
Udhyam Learning Foundation



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Founder
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Udhyam Learning Foundation



DR. SR. REENA ITTYACHAN
Principal
Sacred Heart College, Chalakudy

This certificate is presented to
SNEHA BABU, III DC, History, Sacred Heart College, Chalakudy
for Successful completion of
Entrepreneurship Skillsets program
by
UDHYAM YOUTH ENGAGEMENT



MEKIN MAHESHWARI
Founder
Udhyam Learning Foundation



DR. SR. REENA ITTYACHAN
Principal
Sacred Heart College, Chalakkudy

This certificate is presented to
Stephy Kuriakose, I MSC, Mathematics, Sacred Heart College, Chalakudy
for Successful completion of
Entrepreneurship Skillsets program
by
UDHYAM YOUTH ENGAGEMENT



MEKIN MAHESHWARI
Founder
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DR. SR. REENA ITTYACHAN
Principal
Sacred Heart College, Chalakudy

This certificate is presented to
Anisha Antony, III DC, Physics, Sacred Heart College, Chalakudy
for Successful completion of
Entrepreneurship Skillsets program
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UDHYAM YOUTH ENGAGEMENT



MEKIN MAHESHWARI
Founder
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DR. SR. REENA ITTYACHAN
Principal
Sacred Heart College, Chalakudy

This certificate is presented to
Athira C S, II DC, Zoology, Sacred Heart College, Chalakudy
for Successful completion of
Entrepreneurship Skillsets program
by
UDHYAM YOUTH ENGAGEMENT



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Founder
Udhyam Learning Foundation



DR. SR. REENA ITTYACHAN
Principal
Sacred Heart College, Chalakudy



AQAR 2020-21

HISTORY

Criterion III - RESEARCH,

INNOVATIONS AND EXTENSION

SUB CRITERION - 3.2.2.1 - Total Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

Methodology of Historical Writing

An invited talk on Methodology of historical writing organized on 15th December 2021. Ms Vinitha M Vijayan, Assistant Professor & HoD of Carmel College, Mala delivered the academic talk. She talk about the various aspects of writing a dissertation including selection of topic, collection of sources etc



S.No	Students List	Class
1.	APARNA V.M	III DC
2.	ASHITHA K.P	III DC
3.	ATHULYA N.S	III DC
4.	KRISHNA PRIYA SIVAN	III DC
5.	PILLI RANI	III DC
6.	SUJITHA RAJ	III DC
7.	ALEENA JOSE	III DC
8.	ALEENA N J	III DC
9.	ANAGHA LORANCE	III DC
10.	ANJALI LIGIESH	III DC
11.	ANJANA V.A	III DC
12.	ANJU VARGHESE	III DC
13.	ANNA MARIYA	III DC
14.	ARUNIMA .N	III DC
15.	ASHA CHANDRAN	III DC
16.	ASHNA MOL V.S	III DC
17.	FEENA FRANCI	III DC
18.	GEETHU KUNNATH	III DC
19.	HENNA MARIYA	III DC
20.	JEEVA JAYAN	III DC
21.	KRISHNA SHANIL	III DC
22.	LAKSHMIPRIYA P.V.	III DC
23.	MELVI THOMAS	III DC
24.	NAIMA P.S.	III DC
25.	NAYANA SHIJU	III DC
26.	NIYA BABU	III DC
27.	ROSHNA K R	III DC
28.	SANDRA K SHAJU	III DC
29.	SMRITHY SANTHOSH	III DC
30.	SONA K R	III DC
31.	SREEKUTTY V R	III DC
32.	SHREYA P SATHYAN	III DC
33.	SURYA K	III DC
34.	SURYA SANTHOSH	III DC
35.	VARSHA GIREESH	III DC

36	Gopika Gopinath	IDC
37	Seethalakshmi K B	IDC
38	Bhadra K Chandran	IDC
39	Jeffit Jeffy	IDC
40	craysal Shajan	IDC
41	Aneetamol Jinson	IDC
42	Christeena Babu	IDC
43	Maya A R	IDC
44	Anagha A K	IDC
45	Sameena Saji	IDC
46	Athulya V R	IDC
47	Aswathy A B	IDC
48	Josiya Johny	IDC
49	Mridhula Varghese	IDC
50	Amil C J	IDC
51	Ashmin	IDC
52	Naseeba	IDC
53	Riswana	IDC
54	Ahalya	IDC
55	Bismol	IDC
56	Anjana Pradeep	IDC
57	Jeeva	IDC
58	Ancy	IDC
59	Devika	IDC
60	Akhila	IDC
61	Anagha Nanda	IDC
62	Nandana Baiju	IDC
63	Anitta Boban	IDC
64	Sona P S	IDC
65	Anagha K S	IDC
66	Aleena T A	IDC
67	AthulyaRajeswary	IDC
68	Aleena P J	IDC



AQAR 2020-21

COMPUTER SCIENCE

Criterion III - RESEARCH,

INNOVATIONS AND EXTENSION

SUB CRITERION - 3.2.2.1 - Total Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

PROGRAMME SCHEDULE

2.15 pm-2.30 pm: Inaugural address by
Dr Sr Reena Ittyachan
Principal,
Sacred Heart College

2.30 pm-3.25 pm: Dr Bindu Menon

3.30 pm-4.25 pm: Dr Anitha S Pillai

4.30 pm-5.25 pm: Dr Jisha Jose Panackal

5.30 pm-6.25 pm: Dr Jyothi Conjeevaram

6.30 pm-7.30 pm: Keynote Address by
Dr Anitha Rao

7.30 pm-8.00 pm: Valedictory and
Interaction with the
Participants



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www.sacredheartcollege.ac.in

FOR REGISTRATION

Click on the URL:
https://docs.google.com/forms/d/1poY4_i8xBF-F-oBBq7xMof5kA0kYgSEuOmFR2qpxoYOM/edit?usp=sharing

FEE DETAILS

- Research Scholar/Student: Rs 200/-
- Faculty/Industry Participant: Rs 350/-



PAYMENT OPTIONS & CONTACT

Dr Jisha Jose Panackal
Assistant Professor
Department of Computer Science
Sacred Heart College, Chalakudy
Kerala 680722

Mob: +91 9400860285

Note: You may use any of the
following payment options



Jisha Jose Panackal
UPI ID: 9400860285@paytm
Paytm: 9400860285



INTERNATIONAL SEMINAR ON

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE IN NEUROLOGY

(VIRTUAL)

02-DECEMBER-2021

ORGANIZED BY

ARTIFICIAL INTELLIGENCE IN
NEUROLOGY RESEARCH CENTER

IN ASSOCIATION WITH
DEPARTMENT OF COMPUTER SCIENCE
SACRED HEART COLLEGE, CHALAKUDY

KEYNOTE SPEAKER



Dr Anitha Rao MD, MA
Founder and CEO
Neurocern
US Board-Certified
Neurologist
Associate Professor,
Department of
Neurology, University
of Toledo College of
Medicine, Toledo, Ohio,
USA

**"LEVERAGING DATA SCIENCE AND AI
FOR NEUROLOGICAL OUTCOMES"**

SPEAKERS



Dr Bindu Menon
M.D.(Med.),D.M.(Neuro), DNB.
(Neuro),PGDCN (Neuro),
(London), FRCP (Edinburgh),
MNAMS.FICP, FIAN,FWSO
Prof and HOD
Neurology,
Apollo Speciality
Hospitals, Nellore

**"PRACTICAL IMPLICATIONS OF AI IN
NEUROLOGICAL DISORDERS"**



Dr Anitha S. Pillai
PhD (Computer Science)
Professor, School of
Computing Sciences,
Hindustan Institute of
Technology and
Science, Chennai

**"APPLICATIONS OF MACHINE LEARNING
IN NEUROLOGY"**

SPEAKERS



Dr Jyothi Conjeevaram
MD
Professor of Community
Medicine and Vice
Principal (Academic),
Narayana Medical
College, Nellore

**"THE CONCEPT OF STATISTICS IN AI
AND DATA SCIENCE"**



Dr Jisha Jose Panackal
PhD (Computer Applications)
Assistant Professor,
Department of
Computer Science,
Sacred Heart College,
Chalaky, Kerala

**"RESEARCH SCOPE IN DATA SCIENCE AND AI:
AN OVERVIEW"**

The department of computer Science, Sacred Heart College, Chalakudy organized a one-day webinar on “**Brush up your research skills**” to make the students aware of the research trends and their final semester project. The Resource Person was Sreejith R (Alumni), Thought Line Technologies, Technopark, Thiruvananthapuram on 21.09.2021.

