

**VTM NSS College, Dhanuvachapuram
Thiruvananthapuram, Kerala**



Annual Report- 2022-2023 of

Institution's Innovation Council (IIC5.0)



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

A. About IIC Institute

VTMNSS College, Dhanuvachapuram was established in 1964 in commemoration of the great freedom fighter, Thalukulathu Velu Thampi Dalava, on the occasion of his 200th birth anniversary. The college scaled great heights despite the impediments that generally come in the way of a college in a rural backdrop. Currently the college offers 11 undergraduate and 4 post-graduate programmes. It is a matter of justifiable pride that the students of this college have carved an enviable niche for themselves in society.

IIC is an Initiative of the Ministry of Human Resource Development (MHRD), Govt. of India in collaboration with AICTE for Higher Education Institutions. Aim of IIC is to foster the culture of innovation and start up ecosystem in in HEIs.

VTMNSS College is an IIC Institute since May, 2023.

Vision / Mission of IIC established at the Institute

IIC of VTMNSS College, Dhanuvachapuram was established with a vision to nurture innovation and entrepreneurship and support the development of new start-ups in the campus. The mission is to inspire and foster innovation and entrepreneurship skills among the students in association with other pre-incubation clubs in the college and help them to evolve as successful entrepreneurs who can make a positive impact in society.

Journey of IIC established at the Institute

Institution's Innovation Council of VTM NSS College, Dhanuvachapuram was established in May, 2023, in the fourth quarter of IIC5.0. Even though the Council got only three months to function during IIC5.0, various efforts of the council headed by the Principal, Dr. V. M. Anandakumar, Dr. Sajini P., President-IIC, Ms. Arathilal B. Vice President-IIC and Dr. Bindu P. Nair, Convenor-IIC, faculty from various disciplines and student representatives have initiated the development of innovation culture in the college, focusing on ideation and its actualization. In this short time period, the IIC has attempted to create an innovation ecosystem for promoting entrepreneurial efforts by students and faculty. Efforts by IIC and Entrepreneurs' Development Club (ED club) and Young Innovators' Program (YIP) coordinators have led to the participation over 25 students in the YIP Program-2023 under Kerala Development and Innovation Strategic Council (K-DISC). Around 40 students participated in the Idea Fest conducted within the college, out of which 6 best ideas were selected for a panel discussion with start-up ecosystem enablers.

Diversified representation in the IIC established at the institute from industry, Interdisciplinary & Departments/ Units etc.

SI No.	Name of the Member	Designation	Key Role/ Position Assigned in IIC
1.	Dr VM Anandakumar	Principal	Head of the Institution
2.	Dr Sajini P	Assistant Professor, Department of History	President
3.	Ms Arathi Lal B	Assistant Professor, Department of English	Vice-President

4.	Dr Bindu P Nair	Assistant Professor, Department of Chemistry	Convenor
5.	Mr Vishnu P S	Assistant Professor, Department of Economics	Innovation Activity Coordinator
6.	Dr Gopika G G	Assistant Professor, Department of Commerce	Start-up Activity Coordinator
7.	Dr Deepak P	Assistant Professor, Department of Botany	Internship Coordinator
8.	Dr Sreeragi R G	UGC Librarian	IPR Activity Coordinator
9.	Dr Indu M Kutty	Assistant Professor, Department of Zoology	Social Media Coordinator
10.	Mr Satheesh R	Assistant Professor, Department of Physics	NIRF coordinator
11.	Dr Sreelarani M S	Assistant Professor, Department of Malayalam	Member
12.	Ms Saranya K V	Assistant Professor, Department of English	Member
13.	Dr Susmitha O V	Assistant Professor, Department of Hindi	Member
14.	Dr Ajithakumari O	Assistant Professor, Department of Tamil	Member
15.	Dr Sreejith P V	Assistant Professor, Department of Political Science	Member
16.	Dr Raji Chandra M	Assistant Professor, Department of History	Member
17.	Ms Maya C S	Assistant Professor, Department of Economics	Member
18.	Dr Remya Krishnan G R	Assistant Professor, Department of Commerce	Member
19.	Ms Deepa D	Assistant Professor, Department of Mathematics	Member
20.	Dr Suprabha S	Assistant Professor, Department of Chemistry	Member
21.	Dr Remeshkumar S	Assistant Professor, Department of Botany	Member
22.	Dr Bijini B R	Assistant Professor, Department of Physics	Member
23.	Dr Sandy Nair	Assistant Professor, Department of Physical	Member

		Education	
24.	Dr Gayathri Elayidom	Assistant Professor, Department of Zoology	Member
25.	Dr. Sushama Raj	Assistant Professor Department of Botany	Member
26.	Dr. S. Priya	Assistant Professor Department of Commerce	Member
27.	Dr. Bettymol Mathew	Assistant Professor Department of Malayalam	Member
28.	Dr. Manjula K. G.	Assistant Professor Department of Commerce	Member
29.	Dr. Kalarani T. G.	Assistant Professor Department of Commerce	Member
30.	Dr. Sumesh G. S.	Assistant Professor Department of Commerce	Member
31.	Dr. Sigma G.R.	Assistant Professor Department of English	Member
32.	Dr. Kishore H.	Assistant Professor Department of Economics	Member
33.	Dr. R. Jayakumar	Assistant Professor Department of History	Member
34.	Dr. Unnithan S.S.	Assistant Professor Department of History	Member
35.	Dr. R. Prakash Kumar Former Director JNTBGRI, Palode Thiruvananthapuram	IP Expert/ Patent Expert	Member
36.	Mr. S. Sreekumaran Nair Kairali Industries, Karinkulam Puthiyathura P. O.	Expert from nearby Industry/ Industry association/ Ecosystem Enablers	Member
37.	Aravind R. Manager Dhanalekshmi Bank	FI/Bank/Investor/Angel Investor/VC	Member
38.	Dr. R. Girish Kumar Professor and Head Dept. of Political Science University of Kerala Kariavattom	Incubation Centre	Member

B. Brief mention of key functionaries at the IIC Institute

- 1.1. President – Perform the role as Head of Council. Initiate, identify and form the council and assign the role and responsibility to members
 - 1.2. Vice-President- Deputy head of the council
 - 1.2. Convenor – Immediate point of contact and coordination. He/she should carry out the day to day activity under IIC.
 - 1.3. Innovation activity coordinator – Primarily responsible for organising and coordinating after Innovation promotion activities and extend support to other activities.
 - 1.4. Start-up activity coordinator - Primarily responsible for organising and coordinating after Start-up promotion activities and extend support to other activities.
 - 1.5. Internship coordinator - Primarily responsible for organising and coordinating after Internship opportunity and engage student in Start-ups, innovation labs and incubation centre etc. to promote innovation activities and extend support to other activities.
 - 1.6. IPR activity coordinator - Primarily responsible for organising and coordinating after IPR mentoring, awareness opportunity to promote innovation activities and extend support to other activities.
 - 1.7. Social Media Coordinator - Primarily responsible for organising and coordinating after social media promotion and public relation and effectively communicating regarding various activities undertaken to promote innovation activities and extend support to other activities.
 - 1.8. ARIIA Coordinator - Primarily responsible for creating repository and advising on more innovation and startup activities in campus to increase the ranking in ARIIA and also extend support to other activities.
 - 1.9. NIRF coordinator - Primarily responsible for creating repository and advising on more innovation and Research activities in campus to increase the ranking in NIRF and also extend support to other activities.
 - 1.10. Members – We have one member from each department
2. Expert Representation: Our Council have three member representations from external source

C. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution

Sl.No.	Resource	Number
1	Total Teaching faculty	57
2	Total Students	1633
3	Total number of IIC Members	75
4	Student Innovation Ambassadors	nil
5	Faculty Innovation Ambassadors	nil
6	Pre-Incubation Units	1
7	Incubation Units	nil
8	IP Cell	nil

D. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.

Entrepreneurship Development (ED) Club

Entrepreneurship development Clubs are set up by the Department of Commerce, mainly with the objective of promoting entrepreneurial traits among students in schools and colleges. In VTM NSS College, ED Club was started in the year 2008.

Objectives of ED Club are

- To inculcate social virtues i.e., trustworthiness, integrity, hard work, discipline, honesty etc as constituents of entrepreneurship.
- To sensitize students on the real economic and industrial development scenario of the state.
- To inculcate entrepreneurial culture in students
- To induct entrepreneurial spirit in the institutions.
- To change the mind set on the negative attitude prevailing in the state for taking up entrepreneurship as a career.
- To bring in successful entrepreneurs and students on a common platform.
- To motivate the members to venture into industrial activity.

E. Highlight Achievements

Number and Different types of I&E and IPR activities Conducted- 15

No. of student's & faculty ideas generated- 35

No. of student's & faculty Innovation/prototypes developed- nil

No. of IPs generated, published and granted- nil

No. of Student & Faculty Start-ups/Ventures established- nil

Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus – 20,000/-

Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR - nil

No. of Technology Transfer and Commercialisation happened- nil

F. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum

Sl.No.	Name of IIC student member	Reward
1	Adarsh S., B.Sc. Zoology	1 st Prize, Idea Fest
2	Sneha J. S., B.Sc. Chemistry	2 nd Prize, Idea Fest
3	Abhimanyu R. S., B.Sc. Chemistry	3 rd Prize, Idea Fest

G. Highlight selected best Innovations & images with mention of inventor/innovation name

Details of Best 6 Ideas		
Sl No.	Name of student	Title of the idea
1	Adarsh S. S4 B.Sc. Zoology (First Prize)	Poultry feed and fertilizer from kitchen waste
2	Sneha J. S. S2 B.Sc. Chemistry (Second Prize)	A school for elderly citizens in every Panchayat
3	Abhimanyu R. S. S2 B.Sc. Chemistry (Third Prize)	Micro-farming by college students
4	Amrutha S. A., Anjali R. P., Akshara P. S., and Bismaya B. S. S4 B.Sc. Chemistry	Management of laboratory waste from educational institutions
5	Abhinandh B. A., S4 B.Com and Vaishnav G. Nair S4 B. A. Economics	A new fashion brand to empower underrated artists and to revive dying art culture
6	Abhirami A. S. S2 B.Sc. Physics	Bio-waste management in campuses

H. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name-nil

I. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation-nil

J. Participation of IIC-institute in various programs of Central and State Govt. Highlighting specially for the schemes or programs

ARIIA (NIRF Innovation) – participation and Rank-nil

NISP Adoption status - Trained Faculty, Policy Formulation, Policy Implementation-nil

K. Detail of media, Social Media & Connections of IIC institute

VTM NSS College has accounts on Facebook, Instagram, Twitter, and YouTube.

Social media Handles

Facebook:@Vtm Nss Dhanuvachapuram

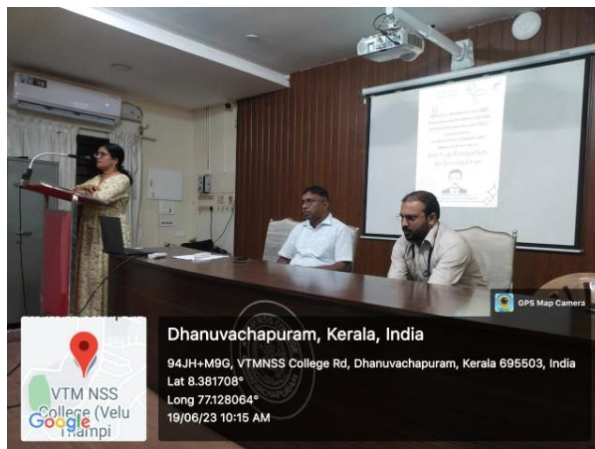
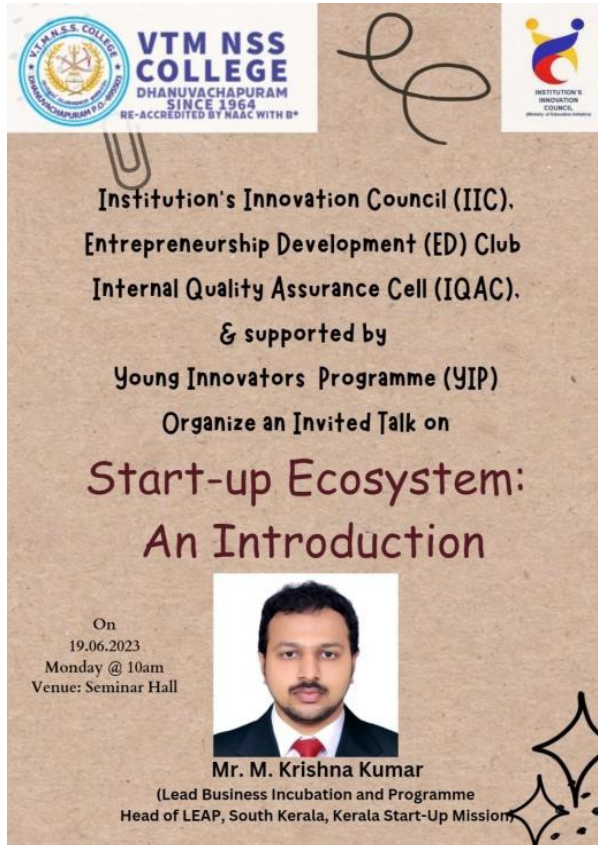
Insta:@vtmnssdhanuvachapuram

Twitter:@NssVtm

Youtube Channel:https://www.youtube.com/@vtmnsscollegedhanuvachapuram

L. Testimonials from IIC members (faculty, students and external) about IIC institute and IIC of MoE's Innovation Cell- nil

M. Images





Invited Talk on 'Start-up Ecosystem: An Introduction'



V T M N S S COLLEGE DHANUVACHAPURAM
 ASTRA (Science Club), Community health activity club &
 Department of Chemistry in association with IQAC & IIC

organize an

Exhibition on "Beat Plastic Pollution"

Venue: Department of Chemistry

DATE : 22-06-2023
 TIME: 10.30AM ONWARDS

Registration Link
<https://forms.gle/qHxC3NckmRkGATyh9>




INSTITUTION'S INNOVATION COUNCIL
 (Ministry of Education Initiative)

Organizing Committee

Dr.Anandakumar V.M. (Principal), Ms.Shama Pillai (Convenor,IQAC) , Dr.Bindu P.Nair (Convenor,IIC)
 Ms.Manju M.J. (Convenor, Science Club & Programme Co-ordinator), Ms. Sreeja T.G. (HoD,Dept.of
 Chemistry & Convenor, Community health activity Club), Dr.Bijini B.R. (HoD,Dept.of Physics),
 Ms.Deepa D. (HoD,Dept.of Mathematics),Dr. Suprabha S. (Dept.of Chemistry),Dr.Gayathri Elayidom
 (Dept.of Zoology),Dr.V.N.Praveen (Dept.of Physics), Mr.Satheesh R. (Dept.of Physics)



VTMNSS College
 Dhanuvachapuram

PG Dept of English, Dept of Botany & Nature Club in
 association with



IIC & IQAC
organise

#BEAT PLASTIC

POLLUTION CAMPAIGN

Awareness campaign among the student
 community as part of World Environment
 Day (June 5)

June 06, 2023

@ LMS LPS Udiyankulangara & VTM NSS College





Environment Day Celebration

Objective:
 To nurture young innovators in the campus and promote their start-up initiatives

Format for Idea Submission:

1. Explain the problem statement in one line
2. A detailed background of the problem
3. Explain who is affected by the problem
4. Explain existing solutions and their limitations
5. Title of the idea
6. Explain the idea in a paragraph
7. Advantages of the idea
8. Explain why do you want to solve this problem
9. Who is the customer for your product or solution?
10. Estimated time for implementing the idea
11. Estimated cost of the idea/project
12. Whether any product development was attempted if any

E-mail your ideas in the above format to iic_vtm@vtmnsscollege.ac.in

Deadline for submission: 07-07-2023

Selected Ideas will be Presented before an Expert Committee on 12-07-2023 and the Best Three Ideas will be Rewarded

For more information, contact:
 Dr. Bindu P. Nair 9747511925
 Ms. Arathi Lal B. 9497560155




**VTM NSS COLLEGE
 DHANUVACHAPURAM
 THIRUVANANTHAPURAM**

Idea Fest

An Innovative Idea can
 Change
 Your Life and that of
 Others !!!

Jointly Organized by
 Institution's Innovation Council (IIC)
 &
 Internal Quality Assurance Cell (IQAC)

VTM NSS COLLEGE, DVPM
ANNOUNCING THE RESULTS OF
IDEA FEST



3rd prize: Rs. 500
ABHIMANYU R.S.
 S2, CHEMISTRY



1st prize: Rs. 1000
ADARSH S.
 S4, ZOOLOGY



2nd prize: Rs. 750
SNEHA J.S.
 S2, CHEMISTRY

Apart from the ideas submitted by the above students, the following are also selected for IIC's Panel Discussion

Abhirami A.S. (S2 Physics), Amrutha S.A., Anjali R.P., Akshara P.S. & Bismaya B.S. (S4, Chemistry), Vaishnav G. Nair (S4, Economics), Abhinand B.A (S4 BCom)



Idea Fest



VTM NSS COLLEGE , DHANUVACHAPURAM
Thiruvananthapuram, Kerala

Institutions Innovation Council
In association with IQAC
Organise

A Short Video Competition on

'NEP KI SAMAJ'

As part of
NATIONAL EDUCATION POLICY 2020

Duration of the video : 45 to 60 seconds
Last date of submission : 14th July 2023

Click this link to submit your videos : <https://forms.gle/EHJ8msuYRtzapGv5A>



NEP ki Samajh- Short Video Competition



DEPARTMENT OF CHEMISTRY
VTMNSS COLLEGE, DHANUVACHAPURAM
In association with IQAC & IIC
Organising



READING COMPETITION
IN CONNECTION WITH
NATIONAL READING DAY
ON 19/06/2023

Venue
Department
of Chemistry
@
1.00 pm



Organizing Committee

Dr Anandakumar V M (Principal), Ms Shama Pillai (Convenor, IQAC)
Ms Sreeja T G (Head, Dept. of Chemistry), Dr Bindu P Nair (Convenor, IIC)
Dr Suprabha S (Programme Co.ordinator), Ms Manju M J (Dept. of Chemistry)



94JG+JV9, VTMNSS College Rd, Dhanuvachapuram,
Kerala 695503, India

Latitude

8.3815169°

Longitude

77.1272331°

Local 01:28:37 PM



GMT 07:58:37 AM

Altitude 54 meters

Monday, 19.06.2023

Note : Captured by GPS Map Camera Lite



VTM NSS COLLEGE
 DHANUVACHAPURAM, THIRUVANANTHAPURAM
 ACCREDITED BY NAAC WITH B+ GRADE, CGPA 2.71

DEPT. OF MALAYALAM
 IN ASSOCIATION WITH IQAC ORGANISES

READING DAY CELEBRATION – 2023

SCHEDULE
 19.06.2023 MONDAY VIA  7.30 PM
 PRAYER & COMEMMORATION OF ACHARYA


WELCOME ADDRESS : **DR. SREELARANI M S**
 PROGRAMME CO-ORDINATOR

PRESIDENTIAL ADDRESS : **DR. V M ANANDAKUMAR**
 PRINCIPAL, VTM NSS COLLEGE

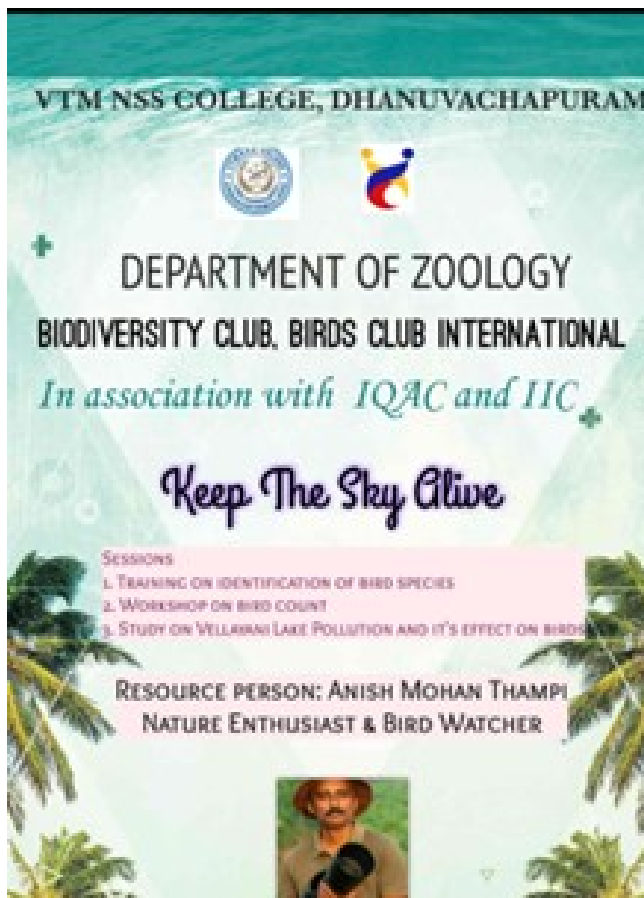
RESOURCE PERSON / SPEAKER : **DR. SAJITH EVOORETH**
 ASST.PROFESSOR, DEPT. OF MALAYALAM
 S D COLLEGE, ALAPPUZHA

FELICITATION : **DR. SREEJITH P V**
 COUNCIL SECRETARY
SMT. SHAMA S PILLAI
 CONVENOR IQAC



VOTE OF THANKS : **DR. BETTYMOL MATHEW**
 HOD. DEPT. OF MALAYALAM

National Reading Day Celebration 2023



VTM NSS COLLEGE, DHANUVACHAPURAM





+ DEPARTMENT OF ZOOLOGY
 BIODIVERSITY CLUB, BIRDS CLUB INTERNATIONAL
In association with IQAC and IIC +

Keep The Sky Alive

SESSIONS
 1. TRAINING ON IDENTIFICATION OF BIRD SPECIES
 2. WORKSHOP ON BIRD COUNT
 3. STUDY ON VELLARIANI LAKE POLLUTION AND IT'S EFFECT ON BIRDS

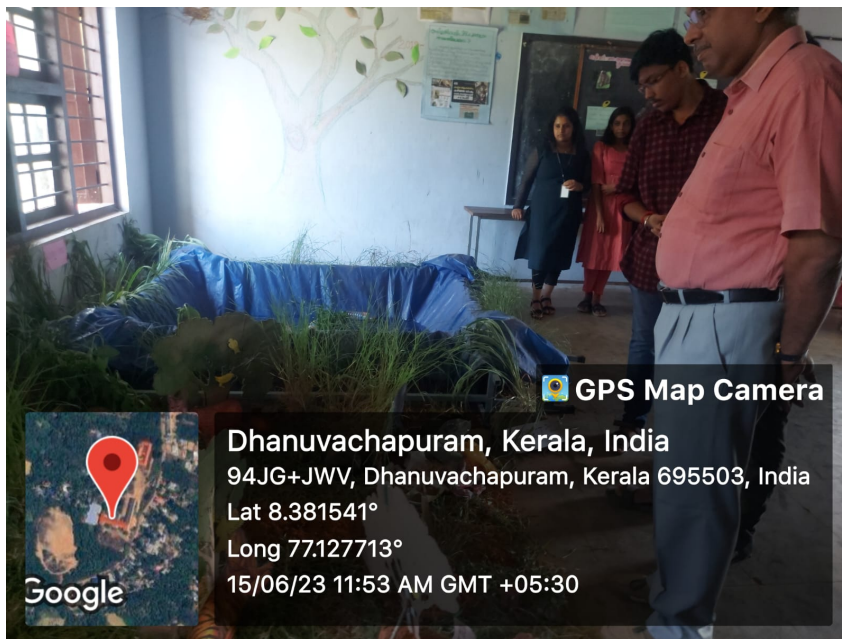
RESOURCE PERSON: ANISH MOHAN THAMPI
 NATURE ENTHUSIAST & BIRD WATCHER





Keep the Sky Alive-Training on identification of bird species and bird count





Exhibition on the Cycle of Life by Dept. of Zoology

PG Department of History
IIC & IQAC Jointly organizes




- One Day Talk & Exhibition
(Topic: Freedom Movement in India)
- Inauguration of Add- on Course on Gandhian Studies

Resource Person



Dr. V Chithra Devi
Director of IGT&A,
Gandhi Bhavan



18/08/2023
Venue: Seminar Hall Time: 10.00 am



Freedom Movements in India as part of Independence Day Celebration



VTM NSS COLLEGE, DHANUVACHAPURAM
Thiruvananthapuram, Kerala

Institutions Innovation Council
In association with IQAC
Organize

***A Panel Discussion of the 6 Best Ideas Selected in
Idea Fest with Start Up Ecosystem Enablers***

Date: **11/08/2023, Friday**

Time: **10.00 a.m.**

Venue: **Seminar Hall**

Expert Panel :

Dr. Joy M.

Professor (Plant Pathology) & Head

Coconut Research Station

Kattachalkuzhy

Thiruvananthapuram

Ms. Yamuna S.

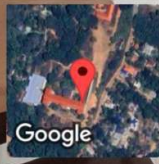
Entrepreneur

Mr Mujeeb Rahman

Senior Manager

Canara Bank MSME Hub





Dhanuvachapuram, Kerala, India
 94JH+M69, Dhanuvachapuram, Kollayil, Kerala 695503, India
 Lat 8.38178°
 Long 77.12804°
 11/08/23 11:21 AM GMT +05:30

Panel-discussion with start-up ecosystem enablers



**INSTITUTION'S
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(Ministry of Education Initiative)



VTM NSS COLLEGE DHANUVACHAPURAM
Thiruvananthapuram, Kerala 695503,
 Phone : 0471 223 2240, E-Mail vtmnsscollege@yahoo.in

Debate Club & ED Club of VTMNSS College
 in association with IIC & IQAC, conduct an
 Inter-collegiate Quiz Competition
 On

Entrepreneurship Development

as the part of **WORLD ENTREPRENEUR'S DAY** Celebration

Language of Competition: English
 Mode of Competition: Online

Date: 21st August, 2023
 Time: 10.30 am to 11.00 am

Programme Co-ordinator: Dr Gopika G (Convenor, Debate Club)
 ☎ 828926974

Guidelines

- Quiz will be conducted in online mode
- Registration is Compulsory
- Duration of the competition is 30 minutes
- Link will be shared through whatsapp group before 10.15 am
- Link will be opened at 10.30 am and closed at 11.00 am
- Time: 10.30 am to 11.00 am
- Winners will get Certificates and Prize money.
- There will be 1st and 2nd prizes
- 1st prize winner will get ₹ 2000. And the 2nd prize will be ₹ 1000

For Registration, click on this link:
<https://forms.gle/Kp5udHc6DPvgF9Xg8>

Participants should join the whatsapp group, using the link, given in the registration form



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**VTM NSS COLLEGE
DHANUVACHAPURAM**

Thiruvananthapuram, Kerala 695503,

Phone : 0471 223 2240, E-Mail vtmnsscollege@yahoo.in

***ED Club, PG Department of Commerce &
PG Department of Economics***

in association with IIC & IQAC organise

MEET THE ENTREPRENEUR

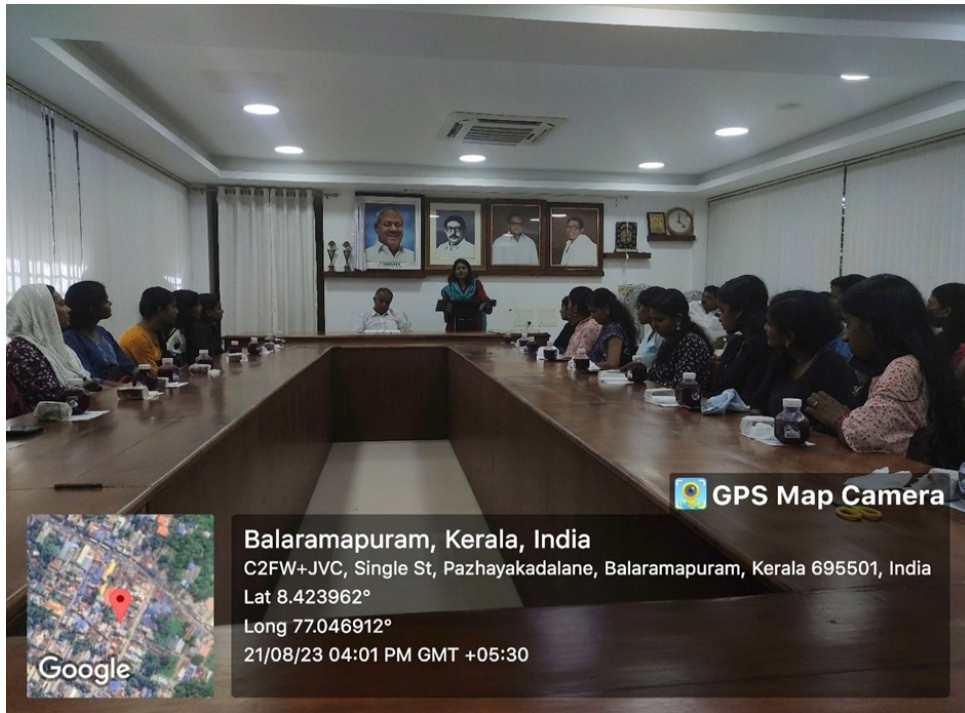
as the part of **WORLD ENTREPRENEUR'S DAY**
celebration

on 21st August 2023

at 2.00 pm

Co-ordinator: Dr Gopika G G
(Assistant Professor of Commerce)







World Entrepreneur's Day Celebration- 2023

N. Contact

Dr. Sajini P.
President, IIC
iic_vtm@vtmnsscollege.ac.in

Ms. ArathiLal B.
Vice-President, IIC
iic_vtm@vtmnsscollege.ac.in

Dr. Bindu P. Nair
Convener, IIC
iic_vtm@vtmnsscollege.ac.in