

Mahatma Gandhi College

Kesavadasapuram, Thiruvananthapuram

Kerala – 695004



Annual Report 2020 – 21



Community Development Program

NCC (Navy) organised a Webinar in connection with the community development program in rural area, on the topic Future of career in pandemic for the students of S.N college, Chathanoor on 18th July 2020. The webinar was conducted on the google meet platform. The resource person for the webinar was Dr. Jayaraj B, Department of Psychology, M. G. College.

Welcome speech was delivered by Dr. Subha Sachithanand, Cadet Nikitha B.S introduced the resource person to the participants Dr. B Jayaraj, the resource person said various career aspects to the students and how can we achieve the same.

The session was ended up by the vote of thanks of Kiran Mohan, Asst Professor of Malayalam in S. N College. Altogether 101 students participated in the webinar on google meet.

MAHATMA GANDHI COLLEGE
TVPM

1(K) NAVAL NCC
in collaboration with Sree
Narayana College, Chathannur

as a part of
COMMUNITY
DEVELOPMENT PROGRAM
in rural area

Host
Webinar on
FUTURE OF CAREER IN
PANDEMIC

Date: 18th July 2020
Time: 10:30am-11:30am

Platform:

Resource Person

Dr. Jayaraj B
Asst Professor
Dept of Psychology
Mahatma Gandhi
College

NCC Day

In connection with NCC Day, the Navy wing of NCC prepared 20 litres of cleaning lotion and provided to General Hospital, Thiruvananthapuram in the occasion of COVID-19. The programme, organized on 22/11/2020, also highlighted the importance to maintain

environmental cleanliness especially during pandemic times. Lotion was prepared by L/Cdt. Aromal S A, Cdt. Harikrishnan S, Cdt. Sach/in Kumar and it is provided by L/Cdt. Aromal S A, Cdt. Rijith Raj R and Cdt. Bihil B Nair.



Skip – a – Meal Campaign

A noteworthy accomplishment of the department for the month was the Skip-a-Meal program, in which students eagerly participated by skipping lunch. A remarkable outcome was achieved when these kind students donated nearly 100 meals. The Thiruvananthapuram Medical College, a residence for various patients and their caregivers received these collected meals after being thoughtfully packaged and sent there. The program has had a profound effect on both the students and the recipients at the care home, as evidenced by this act of kindness and support. Dr. Pradeepkumar N., Assistant Professor, department of Commerce, played a leading role in distributing the food packets.



DEPARTMENT OF COMMERCE
MAHATMA GANDHI COLLEGE
THIRUVANANTHAPURAM

We are skipping our meal

For our brothers and sisters in need

SKIP A MEAL

Date: 24 DEC 2020



Other Programmes

International Webinar on Manuscript Preparation

Department of Commerce organized an international webinar on the preparation steps and procedures for manuscripts in high impact journals. Dr. Dileep Kumar M, Professor, University of Morocco was the resource person and Dr. Vinod A S, Assistant Professor in Commerce coordinated the programme held on 07/06/2020.



Mahatma Gandhi College
Trivandrum



Post Graduate and Research Department of Commerce

International Webinar on **HOW DO YOU WRITE A HIGH IMPACT FACTOR PAPER ?**

Date and time
7th June 2020 Sunday 2.30 pm onwards

Resource person:

PROF. DR. DILEEP KUMAR M.
Professor-Research, Strategy, Entrepreneurship and OB,
Africa Business School,
Mohamed VI Polytechnic University, Morocco.



Dr. Vinod A S
Co ordinator
Assistant Professor

Dr. V S Santhosh
Head of the Department
Associate Professor

Dr. M S Anil Kumar
Principal

+91 9995113456

Google Meet

YouTube
Live


Registration, Participation & Certification - Free

National Seminar (online) on Statistical Analysis

Department of Commerce organized a four-day national seminar on statistical analysis and interpretation using SPSS and AMOS. Dr. R Ravanan, Joint Director of Collegiate Education, Chennai was the resource person. The programme was conducted from 12 – 15 Nov, 2020 and Dr. Pradeepkumar n, Assistant Professor in Commerce coordinated the programme.

FOUR DAY NATIONAL ONLINE WORKSHOP ON STATISTICAL ANALYSIS
AND INTERPRETATION USING SPSS AND AMOS
organized by
PG Department of Commerce and Research Centre, MG College
Thiruvananthapuram, Kerala

Resource person



Dr.R.Ravanan
Joint Director of Collegiate Education
Chennai Region, Chennai

Date : 12th to 15th November 2020,
Timing: 19:00 To 21:00 IST,
Through Zoom Meeting
Registration Fee: Rs. 500
Registration link:
<https://forms.gle/iPrA44gtxJ739FgFA>

Dr.N. Pradeep Kumar
(Coordinator) 9847888777

Dr.V.S SANTHOSH
Head of the Department

Organising committee.
Dr. Dileep A.S
Dr. S.Jayadev
Dr. VinodA.S
Dr.S.Priya
Dr.Sumesh G.S
Dr. Hari.K
Adv.G. Radhika

Dr.M.S Anil Kumar
Principal

National Webinar on Investment and Savings

Department of Commerce organized a national webinar on investment and savings on 27/11/2020 and the programme was coordinated by Dr. Hari, Assistant Professor in Commerce. Dr. Kavitha P, SEBI, NCFE handled the technical session.

MAHATMA GANDHI COLLEGE
Thiruvananthapuram, Kerala
(Affiliated to University of Kerala, Thiruvananthapuram, Kerala)

National Webinar on
'INVESTMENT & SAVING MANTRAS'

Organised by
PG & RESEARCH DEPARTMENT OF COMMERCE
In association with
NATIONAL CENTRE FOR FINANCIAL EDUCATION (NCFE)
Mumbai

Date: 27th November, 2020
Time: 10.00 am

Resource Person: **Dr. Karthika. P**
SEBI Resource Person and NCFE Trainer

Topics:

- Investment Basics, Avenues and Awareness about online financial frauds.
- Mantras of Savings, Government scheme for supporting poor people.
- How to be a Smart Investor
- Employment & Entrepreneurship Opportunities in financial Markets

Organising Committee

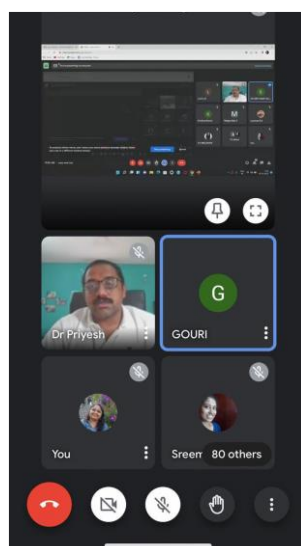
Dr. V.S.SANTHOSH (HOD)
Dr. DILEEP.A.S
DR. PRADEEP KUMAR.N
DR. S.JAYADEV
DR. A.S.VINOD
DR. S.PRIYA
DR. SUMESH.G.S
DR. HARI.K (COORDINATOR)
ADV. G.RADHIKA

Principal
Dr. M. S. ANIL KUMAR
Head of the Department
Dr. V.S.SANTHOSH
Coordinator
DR. HARI.K

All are invited to join the Webinar

Webinar on Advance Research Methodology

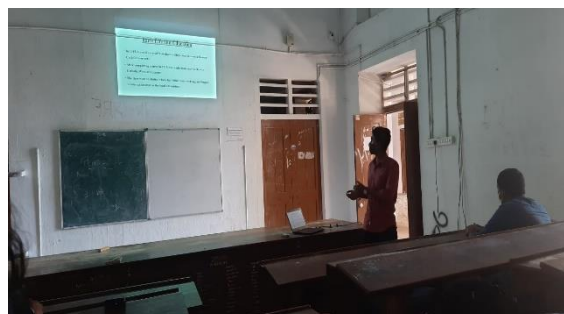
Department of Economics organized a webinar on Advanced Research Methodology 2.0 on 05/03/2021. Dr. Priyesh, Associate Professor in Economics, University College, Thiruvananthapuram was the resource person.



Observance of International Day of Women and Girls in Science

The MSc Physics students of the Department of Physics, Mahatma Gandhi College, celebrated International Day of Women and Girls in Science with a captivating and enlightening

presentation on the biography of a few women scientists. The programme was conducted on 12/02/2021.



SPECTRA 2020

The Department of Physics at Mahatma Gandhi College successfully hosted SPECTRA 2020, an inter-collegiate competition, on the 25th of September 2020. The event invited postgraduate students from across Kerala to present their Master of Science (MSc) projects in Physics. The primary objective of SPECTRA 2020 was to provide a competitive platform for MSc students to present their research findings, facilitating academic exchange and collaboration among physics postgraduates from various institutions. The competition was open to all postgraduate physics students in Kerala. The presentations were evaluated based on originality, research methodology, clarity, and the overall impact of the work. The event was competitive, with participants demonstrating a high level of expertise and research acumen.

POST GRADUATE AND RESEARCH
DEPARTMENT OF PHYSICS
MAHATMA GANDHI COLLEGE
THIRUVANANTHAPURAM-04
(College with Potential for Excellence, Accredited with B+ by NAAC)
Ranked 93 by NIRF

SPECTRA 2020

Inter-collegiate Competition on
Presentation of MSc Projects
for Post Graduate Students in Physics
25 September 2020

- Students from any college in Kerala can participate
- An abstract not exceeding 250 words shall be submitted prior to selection
- A declaration on originality from the project supervisor must be attached along with the abstract
- An expert panel will review the abstracts and select the projects to be presented

Important Dates **Prizes**

Submission of abstracts: 17-09-2020	First Prize: ₹ 3000
Intimation on selection: 22-09-2020	Second Prize: ₹ 2000
Presentation: 25-09-2020	Third Prize: ₹ 1000

✉ For queries and submission of abstracts: physicsmgctvm@gmail.com

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DEPARTMENT OF PHYSICS
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THIRUVANANTHAPURAM-04
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SPECTRA 2020

Inter-collegiate Competition on
Presentation of MSc Projects
25 September 2020

WINNER

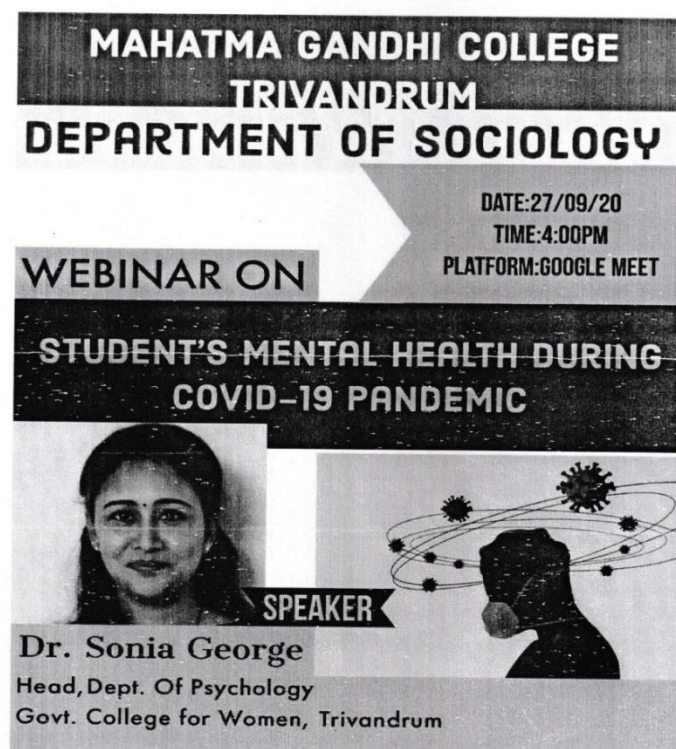
JYOTHISH RAJ J
BISHOP MOORE COLLEGE,
MAVELURKARA

INDUJA A J
UNIVERSITY COLLEGE,
THIRUVANANTHAPURAM

VAISHNAVI M RAJESH
MAHATMA GANDHI COLLEGE,
THIRUVANANTHAPURAM

Webinar on Student's Mental Health During the Pandemic

The Webinar was conducted by the Department of Sociology on 27th September 2020 through G-meet Platform. The resource person was Dr. Sonia George; Asst. Prof of Psychology, Govt. Women's College Thiruvananthapuram. The programme Co-ordinator was Dr. Sarita R. It was an interactive session where the participants shared their experiences and raised queries. Nearly hundred and fifty students from various colleges attended the webinar.



SCIENTIA 2020

The Department of Physics successfully completed SCIENTIA 2020, International Physics Webinar Series. This educational series, conducted entirely through Google Meet due to the current global emphasis on digital communication, was a series of seven scholarly webinars that took place between October and December 2020. The series was inaugurated by Dr. N. Gopakumar and featured a keynote address by Dr. Sreeju S L, which was attended by over 100 registered participants from various parts of the world.

POST GRADUATE DEPARTMENT OF PHYSICS AND RESEARCH CENTRE
MAHATMA GANDHI COLLEGE
 THIRUVANANTHAPURAM-695004,KERALA,INDIA
 (COLLEGE WITH POTENTIAL FOR EXCELLENCE,ACCREDITED WITH B+ BY NAAC, RANKED 93 BY NIRF)

SCIENTIA 2020

INTERNATIONAL PHYSICS WEBINAR SERIES

Dr.Rajath Varma
 Process Engineer
 Intel Ireland
 Talk on " SAND AND TECHNOLOGY"

7th NOV 2020
3:30 PM

Reg.link <https://forms.gle/bvUfViqZxH9jypJUG>

Meet on [Kvx-faeg-uge](#)

Dr.M.S.Anilkumar
 PRINCIPAL

Dr.B.Suresh Kumar
 HOD

Dr.Bijini.B.R
 RESEARCH COMMITTEE CONVENER(SCIENCE)

Dr.P.S.Anjana & Dr.Kavitha.VT
 CO-ORDINATORS

Ms. Vasanthi.B (STUDENT CO-ORDINATOR)

ORGANIZING COMMITTEE
 Ms.Devika Nath.R Ms. Raji.R Ms. Vindhya.P.S Ms.Anju.M.S

POST GRADUATE DEPARTMENT OF PHYSICS AND RESEARCH CENTRE
MAHATMA GANDHI COLLEGE
 Affiliated to University of Kerala
 www.uogandhicollege.ac.in
 TRIVANDRUM - 695004, KERALA, INDIA
 (COLLEGE WITH POTENTIAL FOR EXCELLENCE, ACCREDITED WITH B+ BY NAAC, RANKED 93 BY NIRF)

SCIENTIA 2020

INTERNATIONAL PHYSICS WEBINAR SERIES

31 OCT 2020
1:30 PM

ALL ARE CORDIALLY INVITED

INAUGURATION BY
DR.N.GOPAKUMAR
 CONTROLLER OF EXAMINATIONS
 UNIVERSITY OF KERALA

DR.SREEJU.S.J
 Photon Science Division (PS-SCS)
 DESY - Hamburg
 Germany
 Talk on "Soft X-ray Absorption and Emission Spectroscopy of Liquids, Solutions and Colloids."

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<https://forms.gle/nrb-rqtg-vxc>

DR.M.S.ANILKUMAR PRINCIPAL | DR.B.SURESHKUMAR H.O.D | DR.BIJINI.B.R RESEARCH COMMITTEE CONVENER (SCIENCE) | DR.MEENU.S COORDINATOR

ORGANIZING COMMITTEE
 DR.VN.PRAVEEN | DR.KAVITHA.VT | DR.PRABITHA.B.NAIR | DR.J.M.RAJ | DR.PRASANTH.C.S
 DR.VAISAKHAN THAMPI D.S

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 THIRUVANANTHAPURAM, KERALA, INDIA
 (COLLEGE WITH POTENTIAL FOR EXCELLENCE, ACCREDITED WITH B+ GRADE BY NAAC, RANKED 93 BY NIRF)

SCIENTIA 2020

INTERNATIONAL WEBINAR SERIES IN PHYSICS

Session -6
 TOPIC - AEROSOLS & CLIMATE

DATE AND TIME
 19-12-2020
 SATURDAY , 11.00 AM

Dr. Prijith S S
 (SCIENTIST-SE, NATIONAL REMOTE SENSING CENTRE - NRSC ISRO, HYDERABAD)

Convenor - Dr. Kavitha V T
 Co-ordinator - Dr. Veena Suresh Babu
 Student co-ordinator - Dr. Praveen S S
 Organizing committee - Nimmy A V, Arsha sunil ,Prinsa I P , Vasanthi B

FOR REGISTRATION <https://forms.gle/AeDHoRPs3LP8tqc9>

MEET LINK <http://meet.google.com/gju-wdmv-utg>

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 TRIVANDRUM - 695004, KERALA, INDIA
 COLLEGE WITH POTENTIAL FOR EXCELLENCE, ACCREDITED WITH B+ GRADE BY NAAC, RANKED 93 BY NIRF

SCIENTIA 2020

INTERNATIONAL WEBINAR SERIES IN PHYSICS

SESSION 7

22 DEC 2020 **10.30 AM** **12.00 PM**

TOPIC
 Principle and Interpretation of Infrared Spectroscopy

Dr. Dhanya V S
 Assistant Professor
 Department of Chemistry
 M G College
 Thiruvananthapuram

VALEDICTORY FUNCTION

JOIN WITH <https://forms.gle/d67ErBA4RebhsfZ7>
<https://meet.google.com/oky-cmei-fgy>

Dr. M.S. ANILKUMAR PRINCIPAL | Dr. SURESHKUMAR B H.O.D | Dr. BIJINI B.R COORDINATOR | Dr. KAVITHA V.T RESEARCH COMMITTEE CONVENER

ORGANIZING COMMITTEE
 Dr.VN.PRAVEEN | Dr. MEENU S. | Dr. PRABITHA B.NAIR | Dr. J.M. RAJ | Dr. PRASANTH C.S | Dr. VAISAKHAN THAMPI D.S

Aranyani 2020-21

The Postgraduate department of Zoology and Research centre, Mahatma Gandhi College organized webinar series- "Aranyani 2020-21"-intended to create awareness about wildlife, biodiversity and environment These talks hosted monthly curated by expert naturalists throughout Kerala provide a greater enthusiasm among students and also provide a better understanding of our environment.

List of webinars organized as part of Aranyani 2020-21

SL.NO	DATE	TOPIC	RESOURCE PERSONS
1	19/08/2020	1.Tiger- the soul of the forest	1.Sri. Sujith. V Goplan <i>Conservation Biologist WWF</i>
		2. Rising tigers – Discussion on strategies to be adopted	2. Ms. Vijayalekshmi P V <i>Supdt. Cum Educational officer; Natural History Museum</i>
2	8/9/2020	Dragon Fly Festival	Sri. Balachandran V <i>Founder president, SOS</i> Sri. Sujith. V.Goplan <i>Conservation Biologist, WWF</i>
3	1/10/2020	Webinar + guided virtual tour part 1	<i>Natural history museum</i>
4	2/10/2020	Wild elephants & Human conflicts: my experiences from Western Ghats	Sri. Vinayan P.A <i>President, Ferns Nature Conservation Society. Wayanad</i>
5	3/10/2020	Webinar + guided virtual tour Part 2	<i>Natural history museum</i>
6	4/10/2020	Snakes of kerala	Sri. David Raju <i>Naturalist</i>
7	5/10/2020	Zooming into the wild- Talk on Wildlife photography	<i>Shri. Biju P B</i> <i>Member, Nat- trails</i>

			<i>WWF volunteer</i>
8.	6/10/2020	Agasthyamala- the Hub of Biodiversity	Dr. A K Sivakumar <i>Sr. Education Officer, WWF-India. Kerala</i>
9	7/10/2020	Moths – the most colourful of all insects	Dr. Geetha Iyer. <i>Author. Writer. Amateur Naturalist</i>
10	7/10/2020	An introduction to the world of spiders	Shri. Sudhin. <i>Research Scholar. CATE. Christ College, Iringalakuda</i>
11	12/11/2020	Bird watching and importance of Citizen Science	Shri. Hari Mavelikkara <i>Bird watcher and Environmental Activist</i>
12	29/12/2020	Talk on Silent Valley- Remembering Smt.Sugathakumary teacher	Shri. Ratheesh Silent valley
13	26/01/2021	Magical mangroves-	Miss. Umalekshmy <i>WWF Volunteer</i>
14	2/02/2021	Freshwater fishes of Kerala	Dr. C.P. Shaji <i>Conservation Biologist</i>
15	2/03/2021	Indian Scientific Expedition to Antartica- An experience sharing	Dr. Muhammad Hatha <i>Prof. Dept. Of Marine Biology. CUSAT</i>
A16	21/03/2021	Valuing water	Dr.V. Subash Chandra Bose

			ENVTL. Scientist and Former Director, Kerala Water resources Dept.
17	22/03/2021	Biodiversity conservation & emerging challenges	Dr. P S Easa <i>Chairman. Aranyakam Foundation,</i> <i>Member, IUCN/SSC</i> <i>Asian elephant specialist group</i>
18	23/03/2021	Kerala- Changing Climate and arising concerns	Dr. Gopakumar Cholayil, <i>Scientific officer, CCCES, Thrissur</i>

Capacity Building Initiatives

Budding Techniques

Department of Botany organized a skill development programme on budding techniques through online mode on 27/07/2020. Dr. Manoj GS, Assistant Professor in Botany handled the session.

MAHATMA GANDHI COLLEGE
THIRUVANANTHAPURAM

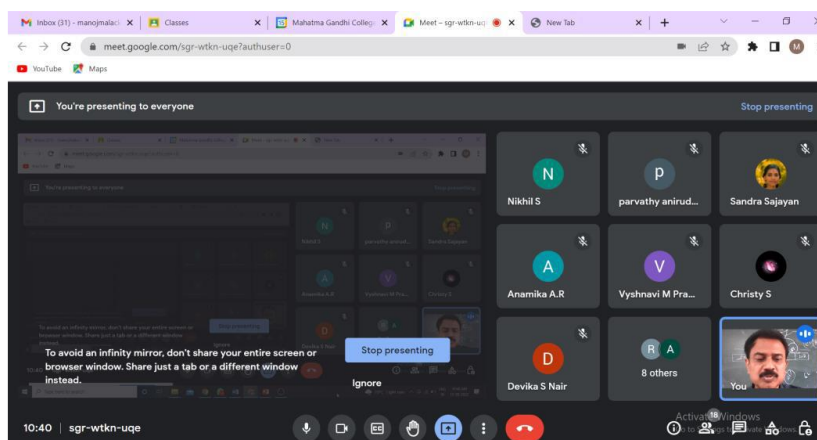
DEPARTMENT OF BOTANY

SOFT SKILLS
BUDDING TECHNIQUE PROGRAMME

To: All Students and Faculty Members
Embark on a journey of botanical innovation with our Budding Technique workshop, where you'll delve into the method of propagating plants through budding. Join us to acquire hands-on knowledge and skills in this specialized technique, unlocking the potential for creating new, thriving plant offspring.

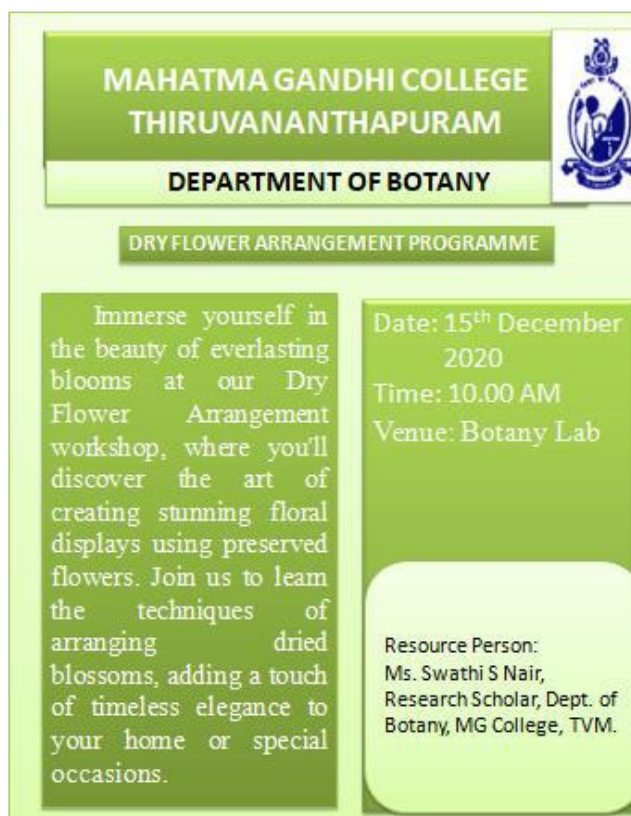
Date: 27th July 2020 Time: 10.00 AM
Venue: Online

Resource Person: Dr. Manoj G S Assistant Professor, Department of Botany, Mahatma Gandhi College, Thiruvananthapuram.



Dry Flower Arrangement for Home Décor

This programme was organized by the department of Botany and it imparted skills to students in arranging dry flowers for decoration purposes. Ms. Swathi, research Scholar, handled the training session organized on 15/12/2020.



**MAHATMA GANDHI COLLEGE
THIRUVANANTHAPURAM**

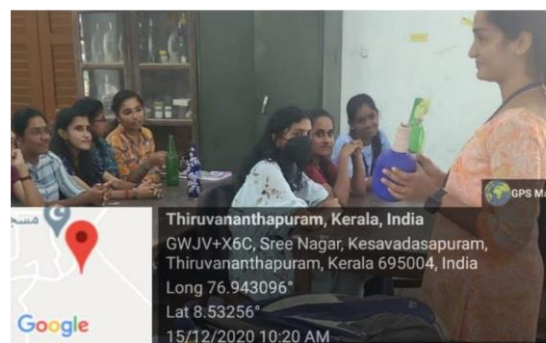
DEPARTMENT OF BOTANY

DRY FLOWER ARRANGEMENT PROGRAMME

Immerse yourself in the beauty of everlasting blooms at our Dry Flower Arrangement workshop, where you'll discover the art of creating stunning floral displays using preserved flowers. Join us to learn the techniques of arranging dried blossoms, adding a touch of timeless elegance to your home or special occasions.

Date: 15th December 2020
Time: 10.00 AM
Venue: Botany Lab

Resource Person:
Ms. Swathi S Nair,
Research Scholar, Dept. of
Botany, MG College, TVM.



Ornamental Flower Making

Department of Botany organized a hands-on training session on ornamental flower making on 04/02/2021 and the programme was handled by Ms. Sharanya K P, Assistant Professor in Botany.

**MAHATMA GANDHI COLLEGE
THIRUVANANTHAPURAM**

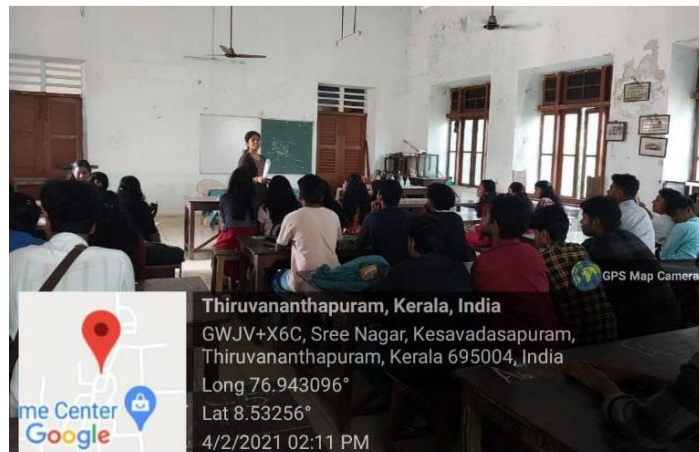
DEPARTMENT OF BOTANY

ORNAMENTAL FLOWER MAKING PROGRAMME

Unleash your creativity in our Ornamental Flower Making workshop, where you'll master the intricate craft of crafting beautiful artificial blooms. Join us to acquire the skills to design and assemble ornamental flowers, adding a touch of everlasting beauty to your decorative projects

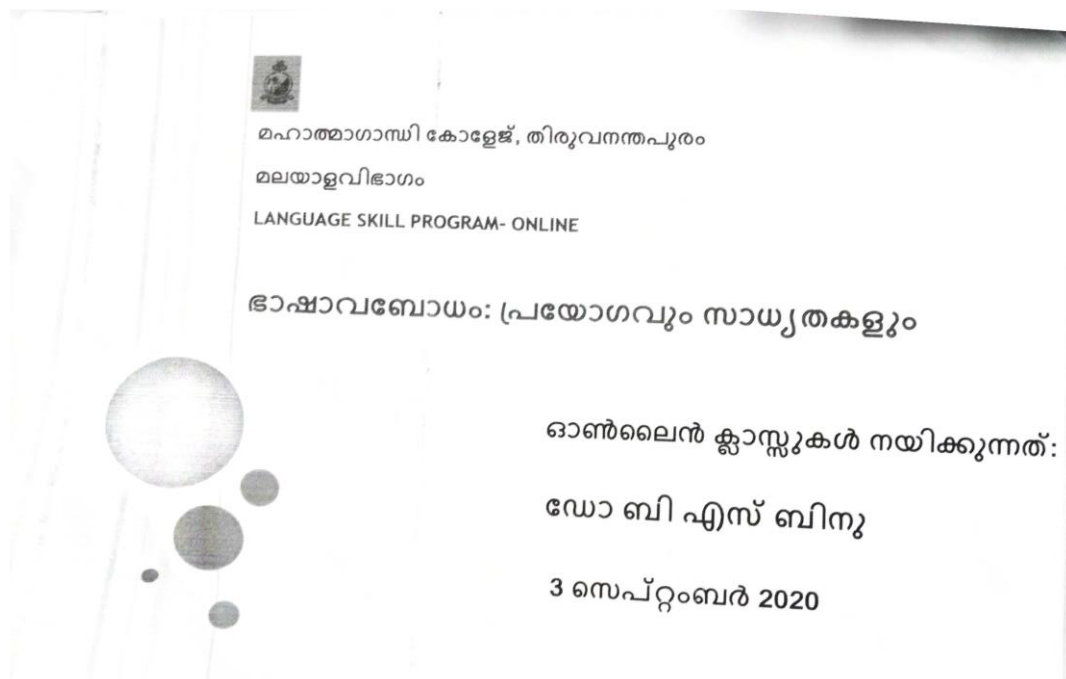
Resource Person:
Ms. Sharanya K P,
Assistant Professor, Dept.
of Botany, MG College,
TVM.

Date: 4th February
2021
Time: 1.30 PM
Venue: Botany Lab



Language Skill Programme

Department of Malayalam organized a language skill programme on *Basic Concepts of Language* on 03/09/2020. Dr. B S Binu and Dr. Sudina L, Assistant Professors, Department of Malayalam was the resource person for the programme.





Career Guidance Programmes

Orientation Programme on CSIR-UGC (NET) Examination in Life Sciences

PG and Research Department of Botany organized an orientation programme on CSIR-NET examination in biological sciences as well as higher studies opportunities in life sciences. Mr. Vineesh Sebastian, Assistant Professor, Nirmala College was the resource person and the online programme conducted on 15/11/2020 was participated by nearly hundred students from life science branches.



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THIRUVANANTHAPURAM
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**POST GRADUATE DEPARTMENT
AND RESEARCH CENTRE
OF BOTANY**

In Association With



Life Science Academy
Coaching for Excellence

**ORIENTATION LECTURE
FOR CSIR-UGC NET LIFE SCIENCE**

15 NOVEMBER 2020, 10 AM Meet

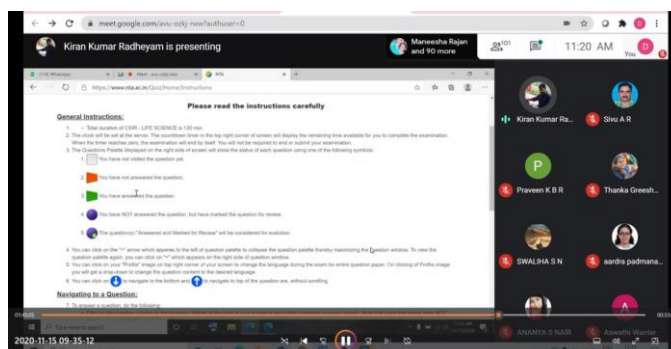


RESOURCE PERSON:
MR. VINEESH SEBASTIAN
Assistant professor, Department of Zoology,
Nirmalagiri College, Koothuparamba

ORGANIZING COMMITTEE

Dr. MS ANIL KUMAR Principal	Dr. PRAVEEN KUMAR BR Head of the Department	Dr. MANOJ G.S Co-ordinator	DEEPAK M.S Convener
Members:			
Dr. SIVU. A.R.	Dr. NEETHU S KUMAR	MS. SREELEKSHMI S	Dr. DIVYA K R MS. SHARANYA K P

FOR MORE: info@lifescienceacademy.co.in
9072762286, 9447367292 Register now: <https://forms.gle/GymXJDbg35dew776>



Seminar on Career Opportunities in Sociology

Department of Sociology organized a seminar on career opportunities in Sociology on 10/08/2020. Dr. Subalekshmi G S, Assistant Professor in Sociology handled the technical session through online mode.

