

ST. DOMINIC'S COLLEGE, KANJIRAPALLY

AFFILIATED TO MAHATMA GANDHI UNIVERSITY KOTTAYAM RE-ACCREDITED WITH A GRADE BY NAAC ABSORB $\ref{eq:continuous}$ RADIATE



REPORT OF ACTIVITIES FOR DEVELOPMENT OF INNOVATION ECOSYSTEM

2021-2022



TOPIC: CLASS ON SPSS

DATE: 09.07.2021

Time: 10.45 a.m – 12.30 p.m

BENEFICIARIES: 2019-21 BATCH M COM STUDENTS

PLATFORM: ONLINE

VENUE: RESEARCH CENTRE OF COMMERCE DEPARTMENT

RESEOURCE PERSON: Ms. Joicey Jose

Assistant Professor

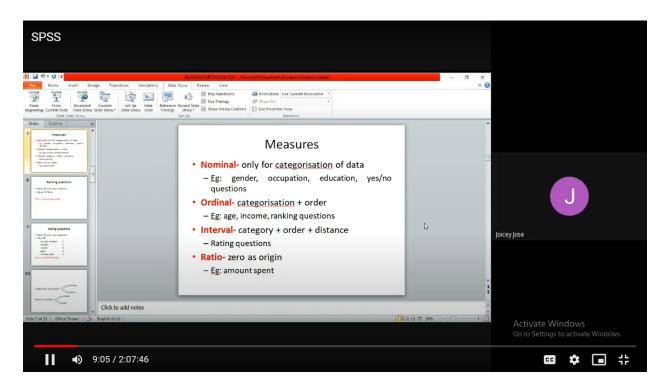
Research & P G Department of Commerce

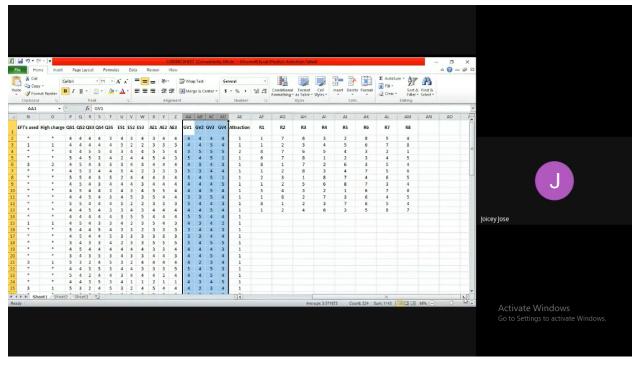
Link to the programme: https://drive.google.com/file/d/1_wnXx-0CgHqZXKE4IMXOfFYsa9UHiL58/view?usp=drivesdk

Details of partcipants:

1.	Chris Johnson
2.	Tesina Cyriac
3.	Riya Mathew
4.	Raja Lakshmi M R
5.	Akhila Maria Joseph
6.	Sangeetha Sabu
7.	Arun dev K S
8.	Sreelakshmi S
9.	Jayamol M Kumar
10.	Beema Aziz
11.	Sulumol Dominic
12.	Pavitra M
13.	Shefina Shaji
14.	Resmamol.K
15.	Christeena Elizabeth Tom

Photos:

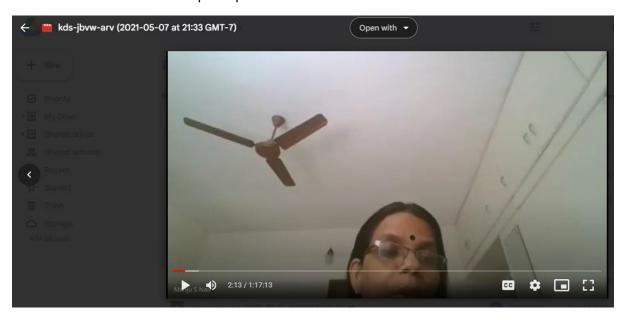


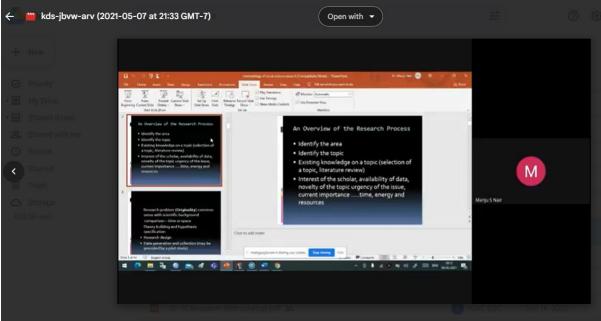


METHODOLOGY OF SOCIAL SCIENCE RESEARCH

On July 5, 2021, a webinar titled "Methodology of Social Science Research" was conducted, with Dr. Manju S Nair as the key speaker. Dr. Manju, a Professor in the Department of Economics at the University of Kerala, shared valuable insights on the methodology of social science research. The webinar aimed to provide participants with a deeper understanding of the research methods employed in the social sciences. She discussed various approaches to data collection, analysis, and interpretation, highlighting their relevance in social science research. The webinar served as a platform for participants to enhance their knowledge and skills in conducting rigorous and impactful research in the social sciences under the guidance of Dr. Manju S Nair.

The webinar had a total of 150 participants.



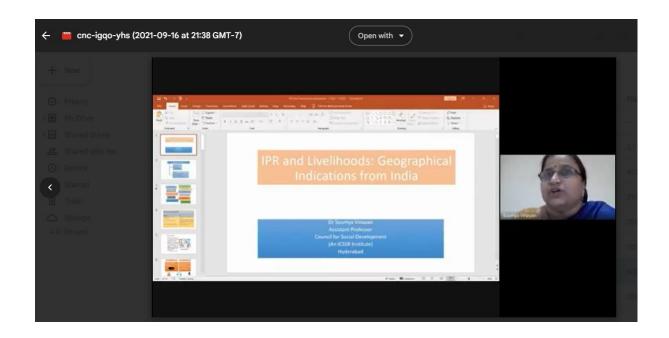


IPR & LIVELIHOOD:-GEOGRAP HICAL INDICATION S OF INDIA



The webinar conducted on September 17, 2021, titled "IPR & Livelihood: Geographical Indications of India," featured Dr. Soumya Vinayan, an Assistant Professor at the Council for Social Development in Hyderabad, as the guest speaker. Dr. Soumya discussed the significance of Geographical Indications (GIs) in India and their impact on livelihoods. She highlighted the role of GIs in preserving traditional knowledge, cultural heritage, and local economies. She provided examples such as Darjeeling tea, Banarasi silk, and Alphonso mangoes to illustrate the importance of GIs in maintaining the authenticity and reputation of products. The webinar also covered the legal framework governing GIs in India, including the Geographical Indications of Goods (Registration and Protection) Act, 1999. Overall, the webinar provided valuable insights into the role of GIs in preserving cultural heritage and supporting sustainable livelihoods in India.

The webinar had a total of 186 participants.







Dept. of B.Voc Programmes
In Association with KEFTA Projects
ORGANISES





HACCP LEVEL- 3Highfield International Certification Course

Venue Audio Visual Room

Date17, 18 December 2021

Organizers:

Dr. Seemon Thomas (Principal)

Dr. Jojo George (Director, Self- Financing Programmes)

Mr. Mathew Zacharias (Nodal Officer, B. Voc Department)

KEFTA (Kerala Food Technologists Association)

For more details

Shony G Kizhakkethottam (Guest Lecturer, B. Voc Dept)

ph: 9495 558 054



B.VOCIANZZ





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ST. DOMINIC'S COLLEGE KANJIRAPALLY

Parathode P.O, Kanjirapally, Kottayam, Kerala 686512

B.VOC DEPARTMENT

List of Students for HACCP Level – 3 Training

Course Name: B.Voc Agro Food Processing

SI No.	Name of Students	Gender	Batch
1.	Alfiya Shahid	Female	
2.	Adithyan R	Male	
3.	Amareesh Soman	Male	
4.	Anand K.S	Male	
5.	Anjitha Maria Jose	Female	
6.	Ansu Joseph	Female	
7.	Anumol Joseph	Female	
8.	Arathi K	Female	
9.	Aromal P Madhu	Male	
10.	Aswani Nair	Female	
11.	Aswathy Jayachandran	Female	
12.	Babith S Babu	Male	B.Voc Agro Food Processing
13.	Bipina B	Female	(2019-22 Batch)
14.	Bonny Johnson (Online)	Male	
15.	Divya Thomas	Female	
16.	Farsana Shamsudeen	Female	
17.	Faseeja Beevi K.J	Female	
18.	Jissmon James (Online)	Male	
19.	Nawren Fathima	Female	
20.	Resiya P Shaji	Female	
21.	Priyanka V.P	Female	
22.	Rejitha Raju	Female	
23.	Thejas Anand S (Online)	Male	
24.	Vijayalakshmi R	Female	
25.	Afnan Sadiq P	Male	
26.	Anfin K Thomas	Male	B.Voc Agro Food Processing
27.	Haseena K.S	Female	(2018-21 Batch)
28.	Muhammed Asif	Male	

Contact Details: Shony G Kizhakkethottam (Guest Lecturer), E-mail: shonygeorge@sdck.in,

Ph: 9495558054





Highfield Qualifications

Certifies that

Adithyan R

has successfully passed an assessment in

Highfield Level 3 Award in HACCP for Food Manufacturing (RQF)

Qualification number

603/2231/7

Date of award

09 January 2022

Certificate number

HAC3890019

Course Director

KEFTA Foundation

Training Organisation

Jason Sprenger - Chief Executiv

Jason Sprenger - Chief Executive Highfield Qualifications







HACCP TRAINING

Department of B.Voc Agro Food Processing of St. Dominic's college Kanjirappally in association with KEFTA (Kerala Food Technologists Association) had organized a 2 day training programme in HACCP Certification at the college audio visual room for the students of Agro Food Processsing. HACCP (Hazard Analysis Critical Control Points (HACCP) certification is an internationally known food safety program put in place to prevent food from becoming unsafe in a chemical, physical, and biological manner during production processes. Certification is awarded to food handling organizations that follow a well constructed and comprehensive HACCP plan. HACCP certification was introduced to help prevent the risk of illnesses created by the mishandling of food. The training programme had begun with the welcome address of Mr. Mathew Zacharias (Nodal officer of B.Voc Dept) followed by the felicitation speech Dr. Seemon Thomas(Principal, St. Dominic's College) and Dr. Jojo George (Director, Self financing Courses). Thereafter, KEFTA team delivered an excellent session. It was really a beneficial talk for the food processing students. At the end of the session, certificates were awarded to the students who had participated in the training programme.

TALK SERIES ON INNOVATION AND ENTREPRENEURSHIP

19 FEBRUARY 2021





On FEB 19, 2021, a talk series on innovation and entrepreneurship was organized by the Innovation and Entrepreneurship Development Cell (IEDC) of St. Dominic's College Kanjirappally. The meeting was held in the college auditorium and was presided over by Dr. Seemon Thomas, the principal of the college. The two guests of honor were Mathew Joseph, COO of Fresh to Home, and Tony Madathil, a renowned scriptwriter.

The program began with a welcome speech by the coordinator of IEDC, who introduced the guests and highlighted the importance of innovation and entrepreneurship in today's world. He emphasized the role of IEDC in nurturing the entrepreneurial skills of students and providing them with a platform to showcase their ideas and innovations.

Mathew Joseph, in his half-day session, shared his journey from being an employee in a multinational company to becoming the COO of Fresh to Home, one of India's fastest-growing startups. He talked about the challenges he faced and the lessons he learned while building the company from scratch. He also stressed the importance of having a clear vision, a strong team, and a customer-centric approach in achieving success in the entrepreneurial journey.

Tony Madathil, in his session, spoke about the power of storytelling in entrepreneurship. He emphasized the importance of crafting a compelling narrative to connect with customers and investors and how to use storytelling as a tool for brand building and marketing.

The event concluded with the vote of thanks by the student in charge, who thanked the guests and the college management for their support and encouragement. He also thanked the IEDC team for organizing the event and hoped that such programs would inspire and motivate students to explore their entrepreneurial potential.



INNOVATE TO EARN

JUNE 19, 2021

On JUNE 19, 2021, a webinar on "Innovate to Earn" was organized by St. Dominic's College Kanjirappally. The webinar aimed to discuss and explore youth entrepreneurship and the ways in which innovation can be leveraged to create successful and sustainable businesses. The resource person for the webinar was Prof. Sherin Sam Jose,

The webinar began with an introduction by the coordinator, who welcomed the attendees and highlighted the importance of entrepreneurship and innovation in today's world. Prof. Sherin Sam Jose then took the stage and began her talk on "Innovate to Earn". He talked about the changing nature of work and the need for young people to be proactive in creating their own opportunities.



He emphasized the role of innovation in creating successful businesses and talked about the various forms of innovation, such as product innovation, process innovation, and business model innovation. He stressed that innovation should be at the core of every business and that businesses that fail to innovate are likely to be left behind in today's fast-paced world.

The discussion then moved on to the challenges faced by young entrepreneurs and the ways in which they can overcome these challenges. Prof. Sherin Sam Jose highlighted the importance of building a strong support system, developing a growth mindset, and constantly learning and adapting to new situations. He also talked about the role of mentorship and how it can help young entrepreneurs navigate the complexities of the business world.

Overall, the "Innovate to Earn" webinar was a great success, providing attendees with valuable insights and guidance on youth entrepreneurship and the role of innovation in creating successful and sustainable businesses. The webinar was an excellent platform for young people to learn from an expert in the field and to connect with other like-minded individuals. The college management and the IEDC team deserve applause for organizing such an informative and engaging webinar.



ASPIRING ENTREPRENEURS PROGRAM 2021

June - December 202





ASPIRING ENTREPRENEURS PROGRAM 2021

June - December 2021

In association with ICT Academy Tamil Nadu, HDFC Bank launched a 6-month program for aspiring entrepreneurs in 2021. The program aimed to provide participants with the necessary skills and knowledge to start their own business. The program received an overwhelming response, with 20 students enrolling in the program.

The program covered various aspects of entrepreneurship, including ideation, business planning, marketing, finance, and legal and regulatory compliance. The program was designed to be hands-on and practical, with participants working on real-life case studies and projects.

The program also included sessions by experts in the field, who shared their experiences and insights with the participants. The experts included successful entrepreneurs, industry leaders, and subject matter experts.

Out of the 20 students who enrolled in the program, 15 completed the program successfully. The completion rate is impressive, considering the challenges posed by the pandemic and the remote nature of the program. The participants who completed the program expressed their satisfaction with the program and how it helped them in their entrepreneurial journey.

The program also provided participants with networking opportunities, allowing them to connect with other aspiring entrepreneurs and industry experts. This networking opportunity proved to be valuable for many participants, who were able to establish connections and gain insights into the business world.

The HDFC Bank Parivarthan Program is an excellent initiative by HDFC Bank and ICT Academy, aimed at nurturing the entrepreneurial spirit among young people. The program provides aspiring entrepreneurs with the necessary skills and knowledge to start and grow their businesses successfully. The success of the program is reflected in the high completion rate and the positive feedback from the participants. We applaud HDFC Bank and ICT Academy for their efforts in promoting entrepreneurship and wish them continued success in their future endeavors.



Topic: Introduction to Computational chemistry

Date: 10-07-2021

Time: 10 am - 12.30pm

Platform: Online

Beneficiaries: B.Sc and M.Sc Chemistry students

Resource Person: Dr. Baby Thomas

Retired professor

Department of chemistry

St.Dominics college, kanjirappally.



ST. DOMINIC'S COLLEGE KANJIRAPPALLY

POST GRADUATE DEPARTMENT OF CHEMISTRY



Webinat on



"INTRODUCTION TO COMPUTATIONAL CHEMISTRY"

RESOURCE PERSON

Dr. Baby Thomas Retired Professor, Dept. of Chemistry St. Dominic's College, Kanjirappally



10 JULY 2021 10:00 AM

Please Note:

1. Fill the google form to register your participation.



- Expected participants are final year degree students, PG students, research scholars and faculty members.
- 3. Google Meet link will be provided to all participants.
- 4. Register here or scan the QR code
- 5. E Certificate will be issued to all participants.
- 6. Contact us: 9495045619, chemistry@sdck.in

Dr. Seemon Thomas Principal Dr. Renjini Joseph HoD, Convenor Mr. Francis Thomas Co-ordinator

Participants

Timestam p	Email Address	Full Name	Designati on	Institution Name	Phone Number (Preferabl Y WhatsAp p)
7-5-2021 12:40:18	abhirajgopakumar@ gmail.com	ABHIRAJ G	Student	UNIVERSITY OF KERALA	88487954 30
7-4-2021 19:47:36	achutha.anil@gmail. com	Achutha A S	Research Scholar	Sree Narayana College Kollam	99954628 89
7-5-2021 21:00:15	aiswaryabiju1410@g mail.com	Aiswarya Biju	Student	Alphonsa college	81570341 89
7-4-2021 21:19:09	aiswaryaharikumar7 2@gmail.com	Aiswarya Harikumar	Student	St Mary's college manarcaud	90484370 34
7-4-2021 21:27:21	aiswaryaachuz2019 @gmail.com	Aiswarya Lekshmi	Student	St. Mary's College, Manarcaud, Kottayam	88485829 25
7-6-2021 11:04:20	aiswaryatressachack o@gmail.com	Aiswarya Tressa Chacko	Student	Baselius College Kottayam	80789806 82
7-4-2021 18:43:55	ajilsarajoy98@gmail. com	Ajil Sara Joy	Student	Sree sankara vidyapeetom college airapuram	80785381 97
7-5-2021 12:19:25	ajithaajikumar009@ gmail.com	Ajitha Ajikumar	Student	Government college Kottayam	94967964 86
7-5-2021 8:18:14	ismailajmiya@gmail. com	Ajmiya Ismail	Student	BCM college Kottayam	81380467 87
7-4-2021 19:45:06	akhilakdas96@gmail. com	Akhila K Das	Student	Teacher's training college, kanjirappally	98468537 36

7-4-2021 20:29:23	akshayasasikumar12 3@gmail.com	AKSHAYA SASIKUMAR	Student	St. Joseph's College Moolamattom	62385618 63
7-5-2021 21:03:14	babualeena555@gm ail.com	Aleena Babu	Student	Alphonsa college palai	95262500 25
7-5-2021 11:01:46	aleenabinupalamoot til@gmail.com	Aleena Binu	Student	St.Joseph's College Moolamattam	86068945 39
7-6-2021 8:23:13	aleenamj2001@gmai I.com	Aleena Mariya Joseph	Student	St. George's College Aruvithura	93834548 71
7-7-2021 20:01:18	allwinkuzhikkattu@g mail.com	Allwin Thomas	Student	St. Mary's College, Manarcaud	96566754 38
7-4-2021 19:28:49	ameenaks0552@gm ail.com	Ameena ks	Student	SSV College Valayanchirangara	89218199 36
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7-4-2021 16:25:03	amruthaps013@gma il.com	Amrutha P.S	Student	TM Jacob Memorial Government College Manimalakunnu	98953792 91
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7-4-2021 16:36:04	ammuts99@gmail.co m	AmruthaTS	Student	Manimalakunnu government college	95398132 39
7-4-2021 15:43:20	anaghaprem98@gm ail.com	ANAGHA PREM	Student	St Joseph's College Moolamattom	94968290 41
7-5-2021 12:33:50	anahabiji99@gmail.c om	Anaha Biji	Student	KE college , Mannanam Kottayam	96058973 66
7-6-2021 14:28:26	ananyadinesh01@g mail.com	Ananya. M	Student	Bk college amalagiri	91884760 62
7-6-2021 11:24:52	ravikumar.anchu@g mail.com	Anchu Ravikumar	Student	Bishop Kurialacherry College For Women, Amalagiri	81578214 61
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7-5-2021 12:56:23	anjalykrishna1998@ gmail.com	Anjaly krishna	Student	Ke college mannanam	70344598 22

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7-5-2021 12:45:45	archanagniravath582 @gmail.com	ARCHANA N G	Student	KURIAKOSE ELIAS COLLEGE MANNANAM	80866165 09
7-5-2021 13:23:10	arnoldtharun@gmail .com	ARNOLD THARUN THOMAS	Student	Department of Chemistry Kerala University	08921534 754
7-6-2021 9:01:28	arshapjoseph99@gm ail.com	Arsha P Joseph	Student	B K College for Women Amalagiri Kottayam	94007896 73
7-8-2021 11:52:10	arshiya.umair@gmail .com	Arshiya Begum	Lecturer	Shree krishna academy	78991585 59
7-6-2021 9:38:50	ashakurian2551999 @gmail.com	Asha Kurian	Student	St Mary's college manarcaud	62381257 70
7-5-2021 9:15:00	asmafairooz0@gmail .com	ASMA FAIROOZ	Student	St. George's College Aruvithura	994 722 56 69

7-5-2021 13:37:32	aswathybr@sncwkoll am.org	Aswathy B R	Faculty	Sree Narayana College for Women, Kollam	94001476 45
7-5-2021 11:05:44	athiras5152@gmail.c om	Athira Suresh	Student	SSV College, Valayanchirangara	85473308 81
7-4-2021 15:16:29	athmithakjiji99@gm ail.com	Athmitha K Jiji	Student	St Joseph's College moolamattam	70348269 32
7-5-2021 13:41:26	athulya963@gmail.c om	Athulya M Nair	Student	St. George's college, Aruvithura	70126230 35
7-5-2021 12:43:52	binipsabu@gmail.co m	Bini P Sabu	Student	Kuriakose Elias College Mannanam	73068354 63
7-4-2021 18:09:56	blessyt99@gmail.co m	Blessy M Thomas	Student	St. Mary's College, Manarcadu	90725868 79
7-6-2021 8:23:38	chandanakrishnan99 @gmail.com	Chandana.C.Kr ishnan	Student	ST.George's College Aruvithura	91885382 87
7-5-2021 12:49:45	christeena4prasad@ gmail.com	Christeena Prasad	Student	Department of chemistry, university of Kerala, Karyavattom Campus	89439264 99
7-5-2021 17:16:58	deenapaul15@gmail. com	Deena Paul	Faculty	St. Joseph's College, Moolamattom	94464683 73
7-5-2021 20:52:11	deepsraju12@gmail. com	Deepamol Varghese	Faculty	Alphonsa College Pala	94476610 62
7-4-2021 16:57:01	diniyacs@gmail.com	DINIYA CS	Student	TM JACOB MEMORIAL GOV COLLEGE , MANIMALAKUNNU	86069423 42
7-4-2021 19:42:46	diyadileep999@gmai I.com	Diya Dileep	Student	St George's College Aruvithura	73061605 16
7-4-2021 19:34:47	diyarajan421@gmail. com	Diya R	Student	ST.GEORGE'S COLLEGE ARUVITHURA	80784460 25
7-4-2021 20:41:11	donamjkariyil@gmail .com	Dona Mariya Joseph	Student	St Dominics College Kanjirappally	73064371 70
7-4-2021		Dr Deepa J P	Faculty	Sree Narayana College Kollam	96456006
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7-4-2021 18:55:21	giablegeorge@gmail. com	Dr. Giable George	Faculty	St. George College Aruvithura	94471660 28
7-4-2021 14:51:14	ranigeorge@gmail.co m	Dr. Kochurani George	Faculty	Alphonsa College Pala	94462272 14
7-4-2021 15:18:53	rajeshkmamangalam @gmail.com	Dr. RAJESH K M	Faculty	Sree Narayana College Alathur	94007355 29
7-5-2021 11:33:56	drshajuks@gmail.co m	Dr. SHAJU K S	Faculty	Govt. Engineering college thrissur	80785772 00
7-6-2021 14:37:31	shollyclair@gmail.co m	Dr. SHOLLY CLAIR GEORGE	Faculty	St. Mary's College Manarcaud	+9194461 24913
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7-4-2021 20:01:03	fathimashereef452@ gmail.com	Fathima Shereef	Student	St.George's College	99460567 98
7-5-2021 6:27:12	feminaismail12@gm ail.com	FEMINA C.I	Student	St.Mary's College Manarcaud	86062194 56
7-4-2021 19:12:03	geethurosev@gmail. com	Geethu Rose V	Student	St George's College Aruvithura	82815755 41
7-5-2021 9:39:15	tomv.githin@gmail.c om	Githin Tom V Kalariyamakkal	Student	St. George's college Aruvithura	98956587 25
7-4-2021 14:46:11	gopikajsr@gmail.co m	Gopika Jayakumar	Student	St.Mary's College Manarcaud	95267581 59
7-5-2021 8:35:19	gopikrishna8086@g mail.com	Gopikrishna	Student	BAM College Thurithikad	80860358 67
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7-6-2021 11:30:59	harshaharidas113@g mail.com	Harsha A H	Student	Bishop kurialacherry women college amalagiri kottayam	97479779 04
7-5-2021 13:43:30	harshapsai111@gma il.com	HARSHA PS	Student	KURIAKOSE ELIAS COLLEGE, MANNANAM, KOTTAYAM	79941429 24
7-5-2021 6:55:43	wilsonhelna@gmail.c om	Helna Wilson	Student	BAM College,Thuruthicad	81118193 03
7-6-2021 22:21:03	jainasara25@gmail.c om	JAINA SARA JOY	Student	Marthoma college, Tiruvalla	75590836 08

7-5-2021 13:07:35	jeenakuttiani@gmail .com	JEENA MATHEW	Student	St George's college Aruvithura	80782683 02
7-4-2021 20:49:31	jijinabalakrishnan18 @gmail.com	Jijina V	Student	St.Mary's College,Manarcaud	86066281 74
7-8-2021 18:01:48	jincymolthomas124 @gmail.com	Jincymol Thomas	Student	St George College Aruvithura	62823216 05
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7-4-2021 16:55:14	jishanachicku@gmail .com	JISHANA SHEMIN K	Student	TM JACOB MEMORIAL GOVT. COLLEGE MANIMALAKUNNU	75618914 66
7-5-2021 13:18:08	jiyajoseph98@gmail. com	Jiya Joseph	Student	KE collage mannanam	89213261 71
7-5-2021 16:36:17	joeljose1221@gmail. com	JOEL JOSE	Student	Marthoma College, Tiruvalla	80754282 09
7-4-2021 16:52:42	joicetherasjoy17@g mail.com	Joice Theras Joy	Student	St Dominic's College Kanjirapally	75103421 76
7-4-2021 20:45:26	joelgeo30@gmail.co m	Joyal Geo	Student	St George college Aruvithura	89438750 75
7-5-2021 19:27:14	justinissac98@gmail. com	JUSTIN ISSAC	Student	St.Dominics College kanjirapally	94958682 63
7-7-2021 15:28:56	jyolsnaabraham@sd ck.in	Jyolsna Abraham	Faculty	S.D College Kanjirapally	09207114 519
7-5-2021 12:49:58	jyothishmons99@gm ail.com	Jyothishmon S	Student	K E college Mannanam	86061034 51
7-4-2021 15:34:03	laigijoseph@gmail.co m	LAIGIJOSEPH	Faculty	Rajiv Gandhi Institute of Technology Kottayam	94953359 22
7-7-2021 17:09:25	ligimolshibypkm@g mail.com	LIGIMOL SHIBY	Student	Alphonsa college, pala	79026077 14
7-5-2021 20:58:25	mahimaammur@gm ail.com	Mahima Ammu Rajan	Student	Alphonsa College, Palai, Kottayam	97445045 25
7-6-2021 17:45:58	manjeshkmathew@g mail.com	Manjesh Mathew	Faculty	St.Thomas College Pala	94955717 55
7-5-2021 11:01:41	manjimajimmy20@g mail.com	MANJIMA JIMMY	Student	St.Joseph College, Moolamattom	08075034 984

7-4-2021 21:27:32	mariajohnyotkl@gm ail.com	Maria Johny	Student	St. Mary's College Manarcaud	91888474 12
7-7-2021 20:22:30	mariasebastiank90@ gmail.com	MARIA SEBASTIAN	Faculty	Alphonsa College Pala	09995838 686
7-5-2021 21:03:41	mariyajacob810@gm ail.com	Mariya Jacob	Student	Alphonsa college palai	62820838 91
7-7-2021 8:30:40	meenuvavachy2814 @gmail.com	Meenu Raj	Student	Marthoma College Tiruvalla	+9175107 81331
7-6-2021 18:51:19	meeraks888@gmail. com	Meera K S	Faculty	Alphonsa college, pala	85477485 59
7-5-2021 12:42:55	malumegha.ma@gm ail.com	Megha M A	Student	Department of Chemistry University of Kerala Kariavattom	79078 11033
7-5-2021 10:18:41	mehanuassis@gmail. com	Mehanu Aisha Assis	Student	St Dominic college kanjirapilly	70253234 50
7-6-2021 14:43:35	minnumolvstephen @gmail.com	Minnumol v	Student	BK college Amalagiri	88484999 73
7-5-2021 20:25:42	mirshath058@gmail. com	Mohamed Irshath	Student	MES COLLEGE NEDUMKANDAM	98466385 90
7-5-2021 9:57:31	naimychacko2007@g mail.com	Naimy Chacko	Student	St. Dominic's college	94472294 89
7-5-2021 11:42:28	namita1529@gmail.c om	Namita Steny	Student	Bishop Kurialassery College for Women Amalagiri	75106226 50
7-4-2021 14:59:14	abynamitha@gmail.c om	NAMITHA ABY	Student	St. DOMINIC'S COLLEGE, KANJIRAPALLY	82898553 16
7-5-2021 8:31:38	bnamitha397@gmail .com	Namitha Babu	Student	St.Josephs College Moolamattom	80782821 60
7-5-2021 10:33:19	tkmnayana@gmail.c om	Nayana D A	Research Scholar	TKM College of Arts And Science, Kollam	89072583 05
7-5-2021 10:34:34	nayanada1@gmail.c om	Nayana D A	Research Scholar	TKM College of Arts And Science, Kollam	89071583 05
7-4-2021 19:07:22	neenaaby2@gmail.c om	Neena Aby	Student	St.George's college Aruvithura	95620275 09
7-5-2021 6:32:51	nidhinjoy@sdck.in	Nidhin Joy	Faculty	St. Dominic's College, Kanjirapally	85471452 26

7-4-2021 20:41:25	ponniantony1992@g mail.com	Nikitha Antony	Student	St Dominic's College kanjirappally	70343392 04
7-4-2021 20:53:53	nikithakottarathil@g mail.com	Nikitha Prasad	Student	St. Mary's College Manarcadu	83049783 88
7-4-2021 15:01:44	noravazhakkappara @gmail.com	Nora Joseph	Student	st.dominic's college kanjirappally	94007230 57
7-5-2021 10:16:05	nature3130@gmail.c om	POOJA VIJAYAN	Student	St. Dominic's college, kanjirapally	94963964 27
7-5-2021 9:38:29	priyakalluvettathu@ gmail.com	PRIYA.K R	Student	St George's college Aruvithura	73063128 86
7-5-2021 15:12:30	raveenaracharya@g mail.com	RAVEENA R ACHARYA	Student	PAVANATMA COLLEGE MURICKASSERY	95445737 09
7-6-2021 9:45:04	riyaanna14@gmail.c om	Riya Anna Sajan	Student	St. Mary's College, Maalam College in Manarcaud, Kerala	95626901 47
7-6-2021 9:53:07	riyasararajan99@gm ail.com	Riya Sara Rajan	Student	ST Mary's College Manarcad	89215602 33
7-5-2021 23:17:11	riyakakkanattu@gma il.com	Riya Suresh	Student	Alphonsa college, Pala	97449737 93
7-4-2021 17:23:06	rosemarybabu8@gm ail.com	Rose Mary	Student	Tm Jacob Memorial Govt College.Manimalakunnu.	94954620 02
7-5-2021 10:54:40	rosemaryjosephp99 @gmail.com	Rose Mary Joseph	Student	St.George's College ,Aruvithura	75920231 62
7-4-2021 16:16:54	roshnigeorge97@gm ail.com	ROSHNI GEORGE	Student	St. Dominics College Kanjirappally	73060202 45
7-5-2021 10:50:03	sandrasthannickal@g mail.com	Sandra S	Student	St George College Aruvithura	98478301 19
7-4-2021 14:57:21	sarankr999@gmail.c om	Saran KR	Student	St marys college Manarcadu	95440461 69
7-8-2021 11:35:40	shilpa@citycollege.a c.in	Shilpa Mane	Faculty	Amc City College	96202781 66
7-5-2021 23:04:47	snehaantony415@g mail.com	Sneha Antony	Student	Pavanatma college murikkassery	73066973 34
7-4-2021 17:13:45	soniyav2000@gmail. com	Soniya Varghese	Student	T M Jacob Memorial Gov College Manimalakkunnu	80787006 13

7-4-2021 14:52:37	sreedathannarayana n@gmail.com	sreedathan narayanan	Student	SSV COLLEGE, VALAYANCHIRANGARA	94951501 98
7-4-2021 18:49:51	sreelakshmivsvihar@ gmail.com	Sreelakshmi S	Student	Sree Sanakara Vidyapeetom College , Valayanchirangara	79942675 68
7-5-2021 11:38:24	sreyaann99@gmail.c om	Sreya Ann Pius	Student	Baselius College Kottayam	89214205 02
7-5-2021 9:11:06	sulumolks5@gmail.c om	SULUMOL K S	Student	St Joseph's college moolamattam	98463432 64
7-5-2021 12:31:55	taniachacko9951@g mail.com	TANIYA CHACKO	Student	K E COLLEGE MANNANAM	95262202 55
7-4-2021 15:28:51	treesaj32@gmail.co m	Treesa Jose	Student	St domincs college kanjirapali	92073697 87
7-4-2021 14:31:05	habeebaziaul@gmail .com	Ummu Habeeba V P	Faculty	Government College Malappuram	99460040 04
7-5-2021 21:05:19	unnimayab1999@g mail.com	Unnimaya.b	Student	Alphonsa college pala	90618070 85
7-4-2021 18:39:03	vidhyamuraleedhara n1998@gmail.com	Vidhya Muraleedhara n	Student	Alphonsa clg	94960903 49
7-5-2021 12:36:21	vimalsiby98@gmail.c om	Vimal Siby	Student	KE College Mannanam, Kottayam	07591958 953
7-4-2021 15:15:24	vinayawilson.182@g mail.com	Vinaya S	Student	St Dominic's college kanjirappally	81298761 94
7-5-2021 19:27:11	vineethaps98@gmail .com	VINEETHA . P. SOMAN	Student	St. Dominics college kanjirappally	73060097 07
7-4-2021 18:27:49	vinodpraphael@gma il.com	Vinod P Raphael	Faculty	Govt. Engineering college Thrissur	92875604 16
7-6-2021 18:51:55	vishaljoseph364@g mail.com	Vishal George Joseph	Student	Marthoma College, Thiruvalla	75103215 89
7-8-2021 19:38:54	neethakottarathil@g mail.com	Neetha Prasad	Student	Alphonsa College	94976050 99
7-8-2021 20:45:28	amruthakanil1605@ gmail.com	Amrutha K Anil	Student	St.Dominic's College Kanjirappally	80789454 47

7-8-2021 21:14:25	amrutakbiju@gmail. com	Amruta K B	Student	SN college cherthala	97465148 15
7-8-2021 22:43:38	harilalcschittet111@ gamil.com	HARILAL C S	Student	Mary Matha Arts & Science College Mananthavady	97445326 96
7-8-2021 23:07:04	shahanabismillah@g mail.com	Shahana Shajahan	Student	ST Dominic's college kanjirappally	92073736 10
7-8-2021 23:38:35	sandrasjdevasia@gm ail.com	Sandra Devasia	Student	Alphonsa College Pala	94003756 63
7-8-2021 23:47:46	vgviju@gmail.com	Dr. Viju Kumar V. G.	Faculty	University College, Thiruvananthapuram	94472062 84
7-8-2021 23:53:34	jinthathomas@baseli us.ac.in	Dr. Jintha Thomas	Faculty	Baselius College, Kottayam	94966471 43
7-9-2021 9:03:58	jayalakshmikrjaya@g mail.com	Jayalakshmi K. R	Student	Marthoma college Thiruvalla	94971050 07
7-9-2021 9:18:14	sonasaji28111999@ gmail.com	Sona Saji	Student	Alphonsa college	94007425 77
7-9-2021 9:42:56	maheshpm111999@ gmail.com	Mahesh pm	Student	St Mary's College ,Manarcadu	95261895 87
7-9-2021 10:25:00	alanjollypd@gmail.c om	Alan jolly	Student	CPA college	62387606 84
7-9-2021 11:37:51	haripriyakr157@gma il.com	Haripriya K R	Student	St Thomas College Ranni	82818770 14
7-9-2021 11:38:43	athiraashokan142@g mail.com	Athira. A	Student	Sree Narayana college, cherthala	94007151 53
7-9-2021 13:19:09	nivithapaulnivi@gma il.com	Nivitha Paul M P	Student	St.thomas college ranni	94003552 37
7-9-2021 16:49:12	lakshmipriyap333@g mail.com	Lakshmi Priya P	Student	Alphonsa College,Palai	97444094 59
7-9-2021 19:00:02	dhijamary@gmail.co m	Dhija Mary Kuriakose	Student	K E college Mannanam Kottayam	83308089 17
7-9-2021 19:09:39	archanaraveendran1 999@gmail.com	Archana K R	Student	KE College Mannanam	91882401 92
7-9-2021 20:58:46	dianakeelathu@gmai l.com	Diana Elizabeth Jose	Faculty	Alphonsa College Pala	09207766 401

7-9-2021 21:59:27	annajohnyotkl@gma il.com	Anna Johny	Student	Db college Thalayolapparamb	79027663 12
7-9-2021 22:07:35	amrutharaj308@gm ail.com	Amrutha Raj	Student	Nss college ,pandalam	95678408 06
7-9-2021 22:08:11	amrutharaj308@gm ail.com	Amrutha Raj	Student	Nss college pandalam	95678408 06
7-9-2021 22:08:21	anjanakrishnan0017 @gmail.com	ANJANA KRISHNAN	Student	S N COLLEGE , PUNALUR	70349822 36
7-9-2021 22:15:26	17elizabethgeorge@gmail.com	Amala Biju Vellappillil	Student	Devaswom Board College Thalayolaparamb	94004636 45
7-9-2021 23:06:25	anjanavijayakumar04 @gmail.com	Anjana vijakumar	Student	Nss college pandalam	97782597 30
7-9-2021 23:27:29	krupadominic93@g mail.com	Krupa Maria Dominic	Student	ST Dominics College Kanjirappally	98469601 70
7-10-2021 8:21:55	annafrancis934@gm ail.com	Anna Francis	Student	KE College, Mannanam	+9194003 45807
7-10-2021 8:25:34	srjillyjames@gmail.c om	Dr. Sr. Jilly James	Faculty	Alphonsa College Pala	94978742 79
7-10-2021 8:37:41	doniyasabs@gmail.c om	Doniya George	Student	B K College Amalagiri	62383769 02
7-10-2021 8:47:33	sebastianpkl456@g mail.com	SEBASTIAN VARGHESE	Student	BISHOP ABRAHAM MEMORIAL COLLEGE MALLAPPALLY	99613323 81
7-10-2021 9:43:55	amalashokomega@g mail.com	Amal Ashok	Student	Al Azhar College of Arts and Science, Thodupuzha	89214683 44
7-10-2021 9:44:24	chemistryworld1590 @gmail.com	Greeshma Santhosh	Student	Alazhar Arts and Science College Thodupuzha	98462973 24
7-10-2021 9:45:16	sruthisnair3920@gm ail.com	Sruthi S Nair	Student	Al azhar college of arts and science	+9190617 51546
7-10-2021 9:45:26	012akhila@gmail.co m	Akhila A	Student	Al Azhar college of arts and sciences	73562069 46
7-10-2021 9:45:32	ashmaathira@gmail. com	Ashma Anand	Student	SN College Cherthala	79945 95679
7-10-2021 9:45:45	lakshmisasi990@gm ail.com	LAKSHMI M	Student	Al Azhar Arts and Science College Thodupuzha	89216728 63

7-10-2021 9:45:58	nainabenny2@gmail. com	Naina Benny	Student	Al-azhar collage of arts and science Thodupuzha	70258471 35
7-10-2021 9:47:48	nainabenny2@gmail. com	Naina Benny	Student	Al-azhar collage of arts and science Thodupuzha	70258471 35
7-10-2021 9:47:51	sandravathachira@g mail.com	Sandra Francis	Student	Al Azhar College of Arts and Science	75940588 13
7-10-2021 9:51:32	minnu22martin@gm ail.com	Minnu Martin	Student	Al Azhar College, Thodupuzha	70258697 17
7-10-2021 9:55:53	ninithasree15@gmai I.com	Ninithasree U R	Student	Al azhar college Thodupuzha	82811382 45
7-10-2021 9:57:43	riyonap99@gmail.co m	RIYONA.P	Student	AL-AZHAR ARTS AND SCIENCE COLLEGE	99463418 38
7-10-2021 9:58:21	chinchuksabu1999@ gmail.com	Chinchu K Sabu	Student	St.Dominincs college kanjirappally	70253578 28
7-10-2021 9:59:58	krbrijesh6@gmail.co m	Brijesh K R	Student	Al Azhar college thodupuzha	90615234 59
7-10-2021 10:00:26	sruthisnair3920@gm ail.com	Sruthi S Nair	Student	Al azhar college of arts and science	+9190617 51546
7-10-2021 10:01:25	samasarima@gmail.c om	Sama M	Student	Al Azhar college of arts and science thodupuzha	70347584 78
7-10-2021 10:04:43	samasarima@gmail.c om	Sama M	Student	Al Azhar college of arts and science thodupuzha	70347584 78
7-10-2021 10:05:35	remaamma03@ail.c om	Krishna priya VR	Student	Alphonsa college Pala	96057209 23
7-10-2021 10:10:10	stefikoshy3@gmail.c om	Stefi Koshy	Student	Al Azhar College of Arts and Science,Thodupuzha	91884182 03
7-10-2021 10:13:29	stefikoshy3@gmail.c om	Stefi Koshy	Student	Al Azhar College of Arts and Science, Thodupuzha	91884182 03
7-10-2021 10:21:01	riswanatsiyad@gmail .com	Riswana T Siyad	Student	Al Azhar College of Arts and Science	99614658 89
7-10-2021 10:24:11	anagharajankk@gma il.com	Anagha Rajan K K	Student	ST.Thomas college Kozhencherry	81578283 87
7-10-2021 10:41:36	riyankaprabhu@gma il.com	Riyanka Prabhu	Student	Al ashar college of arts and science Thodupuzha idukki	94957597 25

7-10-2021	keerthyjayan2@gmai	KEERTHY J	Student	Al azhar college of arts and science	89435455
10:59:03	l.com			thodupuzha	43
7-10-2021	sruthisnair3920@gm	Sruthi S Nair	Student	Al azhar college of arts and science	+9190617

TOPIC: INTRODUCTION TO RESEARCH METHODOLOGY

DATE: 04-01-2021

Time: 10.45 a.m – 12.30 p.m

BENEFICIARIES: 2019- 21 BATCH M COM STUDENTS

PLATFORM: OFFLINE

VENUE: C2 CLASSROOM

RESEOURCE PERSON: Mr. ANOOP TOM THOMAS

Assistant Professor & HOD

Research & P G Department of Commerce

Details of partcipants:

1.	AKHILA MARIA JOSEPH
2.	BEEMA AZIZ
3.	CHRIS JOHNSON
4.	CHRISTINA ELIZABETH TOM
5.	JAYAMOL M KUMAR
6.	PAVITHRA M
7.	RAJALAKSHMI M R
8.	RESMAMOL M K
9.	RIYA MATHEW
10.	SANGEETHA SABU
11.	SHEFINA SHAJI
12.	SREELAKSHMI S
13.	SULUMOL DOMINIC
14.	TESINA CYRIAC









Lecture Series on Issues of Indian Economy Report

First invited lecture in the lecture series on Issues of Indian Economy initiated by the Department of Economics was oraganized on the topic 'Major Trends in Indian Industry Since 1960-61, on 23rd February 2021. Dr S. Muraleedharan, Associate Professor (Rtd) and Research Guide, PG Department of Economics delivered the lecture. The lecture was conducted via the online platform Google Meet. There were 97 participants.

23/02/2021

St. Dominic's College Kanjirapally

PG Department of Economics

Lecture Series on "ISSUES OF INDIAN ECONOMY"



MAJOR TRENDS IN INDIAN INDUSTRY SINCE 1960s

PROGRAMME

- * Prayer
- Welcome Prof. Rekha Jose
- Presidential Address Dr. Jaimol James, HoD
- * Inaugural Address Dr. Seemon Thomas, Principal
- * Lecture Dr. S. Muraleedharan,

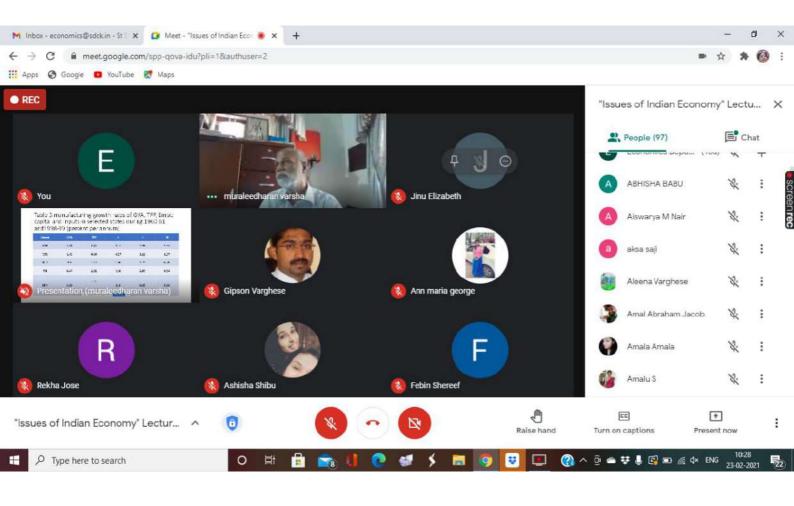
Associate Professor (RTD),

Research Guide,

PG Department of Economics

Maharaja's College, Ernakulam

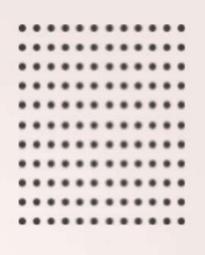
* Vote of Thanks Prof. Jinu Elizabeth Sebastian



ST. DOMINIC'S COLLEGE KANJIRAPALLY

POST GRADUATE DEPARTMENT OF ECONOMICS

Organises



Lecture Series on ISSUES OF INDIAN ECONOMY

https://meet.google.com/spp-qova-idu



INAUGURAL ADDRESS
DR. SEEMON THOMAS (Principal)



- TALK BY -DR. S. MURALEEDHARAN

ASSOCIATE PROFESSOR (RTD)
RESEARCH GUIDE, PG DEPARTMENT OF ECONOMICS
MAHARAJA'S COLLEGE ERNAKULAM

First Lecture :-

Topic- Major Trends in Indian Industry Since 1960-61

2021 FEBRUARY 23, 10.00 A.M.

Topic: Modelling chemical reactions

Date: 14-12-2021

Time: 10 am. - 12.30pm

Beneficiaries: B.Sc and M.Sc Chemistry students

Platform: Online

Venue: Seminar Hall

Resource Person: Dr. Suresh C H

Senior principal scientist

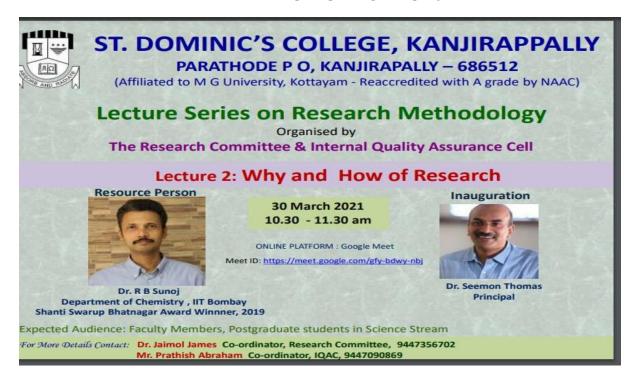
CSIR NIIST, Trivandrum.







WHY AND HOW OF RESEARCH?



Dr. R B Sunoj, a Professor in the Department of Chemistry at IIT Bombay, served as the resource person in a webinar conducted on March 29, 2021, titled "Why and How of Research in Science Subjects." The webinar aimed to provide insights into the importance and methodologies of research in science subjects. Dr. Sunoj shared his expertise, discussing the motivation behind scientific research and the practical approaches involved. Participants had the opportunity to learn about research methodologies, experimental techniques, and data analysis tools. Dr. R B Sunoj's knowledge and experience in the field of chemistry enriched the webinar, providing valuable information on conducting research in science subjects.

The webinar had a total of 125 participants.







UGC-STRIDE Faculty Development Programme on Academic Writing

18 to 24 October 2021

Dear all,

We are organizing a **one week online FDP** on Academic Writing from **18**th **to 24**th **October 2021**. Faculties of MG University and its Affiliated Colleges and Research Scholars can participate.

The FDP will help the participants to understand the nature and scope of knowledge in Social Sciences; to become proficient in academic writing; to master the nuances of academic writing; and to be enabled to produce socially engaged academic articles.

Duty Certificate and Course Certificate valid for CAS Promotion will be provided on successful completion of the programme. A participant faculty shall pay a Registration Fee, Rs 500/, to UGC-STRIDE Component 1, A/c No. 39226012194, IFSC: SBIN0070669, SBI MG University Campus, PB No 4, PD Hills PO, Kottayam; research scholars need not pay.

Please register using the link:

https://docs.google.com/forms/d/e/1FAIpQLScJ5EEgXSCzyObxFrERytCqL C3rYH3i3fTcMVuj5aruG mZSA/viewform?usp=sf link

Organizing Team

Dr Abhilash Babu
STRIDE Coordinator
Director, School of Social Sciences
MG University, Kottayam

Dr Seemon Thomas, PrincipalBino P Jose, CoordinatorDr Jojy Tomas, Co-coordinatorSt Dominic's College Kanjirapally

Contact: 9495750916, 9496577407, history@sdck.in







PLINARY RESEARCH ING ECONOMY

UGC-STRIDE FDF on Academic Writing

2021 October 18 to 24



Dr Projit B Mukharji
University of Pennsylvania, USA
Writing Academic Articles



CHS, SSS, JNU, New Delhi

Knowledge in Social Sciences



Reading Sources and Writing Narratives: Macro Perspectives and Micro Histories



Dr Mohanakumar SInstitute of Development Studies

Jaipur, Rajasthan

Nuances of Academic Writing

Dr K S Madhavan
University of Calicut
Socially Engaged
Academic Writing



Dr Gireesh Kumar J

Central University of Kerala, Kasaragod

Socio-Cultural Change and Academic Writing

*One Week Online FDP Under UGC-STRIDE *Duty certificates on request *Course Certificate valid for CAS Promotion * Fee: Rs 500/ participant; free for scholars

Dr Abhilash BabuSTRIDE Coordinator, MGU

Dr Seemon Thomas, Principal St Dominic's College Kanjirapally

Contact: Bino P Jose 9495750916, Jojy Thomas 9496577407, history@sdck.in

NATIONAL CONFERENCE ON EMERGING TRENDS IN MATERIAL SCIENCES 2022 (NCETMS-2022)

St. Dominic's College Kanjirapally, 06-07 June 2022

FINAL CONFERENCE REPORT

Contents

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Proceedings

Inauguration function

Plenary Lecture: Nonlinear optical phenomena in nanomaterials

Session 1: Invited lecture I & Invited Lecture II

Session II: Invited Lecture III & Invited Lecture IV

Oral presentations Session I

Plenary Lecture II

Session 3: Invited Lecture V & Invited Lecture VI

Session IV: Invited Lecture VII & Invited Lecture VIII

Oral presentations Session II

Closing and valedictory session

Output of the conference

Acknowledgments

Annexure I: Schedule of the Conference

Annexure II: Budget

Annexure III: Feedback Report

Annexure IV: Participants List

Annexure V: Format of duty certificate

Annexure VI: Brochure of the conference

Annexure VII: Publicity and media support

Introduction

National Conference on emerging trends in material science 2022 (NCETMS-2022) aims to provide a platform for sharing new ideas, research experiences among scientists, researchers and students in the areas of material science. The program was supported by Board of Research in Nuclear Sciences (BRNS) and Kerala State Higher Education Council (KSHEC). The main thrust areas of the conference comprised the major research fields of the material science including Nanomaterials, Electrical and optical Materials, Emerging Smart Materials, Crystal Growth, Spectroscopy and Computational Materials Science. Besides it covered other scientific areas which gathers much scientific attention such as novel magnetic behaviours, nonlinear systems etc. The conference designed so as to assemble eminent scientists, experts and researchers across all over from India and to discuss their ideas in a single summit. The theme of the conference also aims at facilitating young researchers to learn about the latest advancements in Material Science. The outcome of the conference is expected to create closer interaction between post graduate students, research scholars and scientists and strengthen and promote academic bond between faculties of the various research institutions in line with the "Integrated Approach in science and technology for Sustainable Future" theme of the national science day 2022.

The event was organised by Department of Physics of the St. Dominic's College kanjirappally and held at golden Jubilee Auditorium of the college from 6th June to 7th June 2022. A total of 150 people from five different states of India were participated in the conference which included 30 faculties from major institutions and research scholars from 20 colleges. Faculties of the Department of Physics, Dr. Vimal G and Dr. Jesby George were elected as the Coordinator and Convener of the programme respectively.

The members of the national organising committee were Prof. M.K. Jayaraj, Vice Chancellor, Calicut University, Prof. C. Vijayan, IIT Chennai, Prof. Soma Venugopal Rao, University of Hyderabad, Prof. Cyriac Joseph, Director, School of Pure and Applied Physics, Prof. M.M. Shaijumon, IISER Trivandrum, Prof. Rajesh V Nair IIT Ropar, Prof. K.V. Adarsh IISER Bhopal and Dr. Vinitha G VIT Chennai. The conference elected Dr. P. Karuppasamy, SSN College Chennai and Dr. Arjun U, IISC Bangalore as chairs of the sessions. The Conference programme Schedule and list of participants are given in Annex I and II respectively.

Proceedings

Inauguration function

The inauguration function of the NCETMS-2022 was started at 09.30 am and was chaired by the respected Principal of the College, Dr. Seemon Thomas. Followed by the prayer, The convener Dr. Jesby George welcomes all the eminent guests and respected delegates of the national conference. Presidential address of the program was delivered by respected Principal of the College, Dr. Seemon Thomas and he wished all the participants would greatly benefit by the deliberations of this conference and it would help young researchers to come out with many innovative ideas in the frontier areas of Material Science. Following the presidential address, the grand inauguration of the programme was done by Prof. Reji Philip, Raman Research Institute, Bangalore. After the Inauguration the Manager of the college Rev. Varghese Parinthirickal released the conference abstract book by hand over it to Prof. Reji Philip. Followed by that the Head of the Department and conference Secretary Mr. Nelson Kuriakose delivered a felicitation. The opening ceremony of the Conference concluded with the vote of thanks given by Dr. Gipson Varghese, Staff Secretary of the college. After the ceremony, and tea break all were come together for the first plenary lecture.

Plenary Lecture: Nonlinear optical phenomena in nanomaterials

The first plenary lecture of the conference was addressed by Dr. Reji Philip, senior professor, and currently the head, of the Light and Matter Physics Department of the Raman Research Institute (RRI), Bangalore. He has published more than 210 research articles in peer-reviewed international journals, holds two patents, and has co-authored three book chapters. He has been in the organizing committee of several national and international conferences, and has held visiting scientist positions at the University of Massachusetts, Boston, and the University of Central Florida, Orlando.

In his plenary address, he discussed the physical origins of optical nonlinearity in material media, and gave an overview of various nonlinear optical phenomena. Also, he explained major experimental techniques for the determination of second and third order nonlinearities and results obtained in some interesting nanomaterials. After the plenary talk and discussion, on behalf of the department of physics, for expressing the great gratitude the principal of the college, Dr. Seemon Thomas handed over a memento to Dr. Reji Philip.

Session 1

The session included two invited lectures. The chair of the session was Dr. P. Karuppasamy, SSN College Chennai

Invited lecture 1: Low-dimensional low spin systems with novel magnetic ground states spin-gap systems with singlet ground state.

The first invited lecture of the program was delivered by Dr. Arjun U, Solid State and Structural Chemistry Unit, Indian Institute of Science, Bangalore. Dr. Arjun received the prestigious Inspire Faculty fellowship for 5 years and joined SSCU, IISc. Bangalore. Dr. Arjun's research interest is focused on the synthesis and detailed experimental characterization (structural, magnetic, electrical, thermodynamic) of novel magnetic materials.

In his lecture he attracts the attention to the novel and exotic ground states like quantum spin liquid, spin ice, singlet ground state with spin-gap, etc arise due to the enhanced quantum fluctuations along with magnetic frustration. He pointed out that of spin-gap systems are important because of the various field-induced effects shown by them such as Bose-Einstein condensation (BEC), Lomonaga-Luttinger liquid (TLL) phase, magnetization plateaus etc. He suggested the relatively large $H_c \approx 16$ T of AgVOAsO₄ compared to $H_c \approx 10$ Tof AgVOAsO₄ is not fully accounted by the increase in intrachain couplings by nearly 23%, but also by the reduction in the interchain couplings. The lecture invited the attention of researchers to the world of low spin systems and their novel behaviours. The chair Dr. P. Karuppasamy led the discussion session and after that he handed over a memento to Dr. Arjun U on behalf of the department of physics.

Invited Lecture II: Molecular Structure Property Relationship studies on anticancer property of diuretic drugs: Experimental and Theoretical Approach

Dr. Lynnette Joseph, Centre for Advanced Functional Materials, Department of Physics, Bishop Moore College, Mavelikara, Kerala taken the second invited lecture of the programme which was chaired by Dr. P. Karuppasamy. Her field of research include materials for non-linear applications, biological applications using experimental as well as density functional theoretical techniques. She has 21 publications in international journals and is a reviewer of various international journals.

In her lecture she explored the idea of novel nanotechnological methods for cancer treatment, particularly nanosensors, based on surface-enhanced Raman scattering (SERS).

The lecture gave importance to the use of vibrational spectral analysis and DFT calculations to recognize the structural activity and bonding characteristics of five diuretic drugs. Based on the results of the various analysis, she concluded that Trichloromethiazide adsorbed on gold nanoparticles (TCMA) interrelates with apoptotic cell (MTT assay) and can be rummage-sale for effective monitoring through SERS, which enable label-free monitoring and further potentiates its therapeutic utility. Followed by the discussion based on the lecture, the chair handed over a memento to Dr. Lynnette Joseph on behalf of the department of physics.

A photo session is arranged in front of the golden jubilee building immediately after the talk and all the participants, invited speakers and conference committee members were posed for the group photo day 1. The conference reassembled after the lunch for the second session of the day.

Session II

The session included two invited lectures. The chair of the session was Dr. P. Karuppasamy, SSN College Chennai.

Invited Lecture III: Nanomaterials for Affordable Biosensing Applications

Dr. Ann Mary K, Department of Physics, St. Thomas College (Autonomous), Thrissur delivered the lecture on biosensing applications of nanomaterials, to increase sensitivity and lower detection limits. . She is an experienced and detail oriented material scientist specialized in Nanomaterials for Energy, Environment, Biomedical and Nonlinear Optical Applications and manage industrial research projects focused on developing devices.

In her presentation, she reviewed latest developments in carbon nanomaterials-based fluorescence sensors. Based on that she found that, among newly developed fluorescent probes, fluorescence turn-off/on and ratiometric sensors are of special interest among researchers. She also briefly discussed different methods adopted in fluorescence sensing and mechanisms involved. After the lecture and discussion, on behalf of the department of physics, the chair handed over a memento to Dr. Ann Mary K.

Invited Lecture - IV: Advancement of Crystalline Porous Material field by Cutting – Edge Crystallography and Computational Chemistry Tools

The last invited lecture of the opening day was taken by Mr. Monu Joy, Clarkson University, Potsdam, New York, United States of America. In this lecture, he focussed on the infiltration of SMMs into MOFs as a translation of solid-state density functional theory to the

experiment to comprehend given structure-property relationships. He said that since ultra-high-density data storage materials are vital components for next-generation computing, SMMs are very potential due to their unique magnetic properties. SMMs exhibit magnetic hysteresis at low temperatures and can be used in spintronics for switching from total spin up to spin down on a molecular level where each molecule serves as a magnetic bit of information. These properties will allow SMMs to be used for the design of revolutionary high-density information storage devices. In addition to the focussed area, in his lecture, he briefly discussed the various high end research activities in the fields. The chair of the session handed over the memento to Mr. Monu Joy after fruitful discussions about the talk.

Oral presentations Session I

First session of the oral presentations from the participants immediately after the talk and the session was chaired by Dr. Karuppasamy. There were total of ten presentations in the opening day and 10 minutes were allowed to each presentation. The topic and speakers of each presentation are given in the table 1. There was given a short interval for tea session and after all are reassembled for the poster session of the presentations. A total of 12 poster presentations were presented and displayed in the poster hall near to the golden jubilee auditorium. All the participants were actively engaged in the session and hence the session longs one hour. After the poster session, the first day of the conference ended,

Sl No.	Name of the Speaker	Title of the Topic
1	Krishna Begari	Tunable magnetic and microwave properties in single and
	Dr Arabinda Haldar Department	multi-layer hexagon shaped nanomagnets
	of Physics,	
	IIT Hyderabad	
2	Anitta Rose Varghese School of	Spectroscopic characteristics of Sm3+ doped fluoroborosilicate
	Pure and Applied Physics M.G	glasses for photonic applications
	University	
3	Arya Gopinath, Research	Synthesis and luminescence properties of NaBi(1-x)(WO4)2
	Scholar, SPAP, MGU	:xSm3+ phosphors for lighting applications
4	Benjamin Hudson Baby	Mechanochemically synthesized SnS nanoparticles: Phase
	Department of Physics, MES	formation, structural and optoelectrical properties
	College, Marampally, Aluva	
5	Dhanya p k	A DFT study of non-linear optical and reactivity properties of
	University college	azulene and it's derivatives
	Thiruvananthapuram	

6	Joyal Jain Palakulam	One pot synthesis fluorescent carbon dots for Hydrogen
	Department of Physics, St	peroxide detection
	Thomas College, Thrissur,	
	Kerala, India. 680001	
7	P.O. Jibin Department Of	Green Synthesis of Carbon Quantum Dots as a Fluorescent
	Physics, St. Thomas College,	Probe for Fe3+ Sensing
	Thrissur	
8	Anjana S Nair School of Pure	Influence on annealing temperature on the NIR reflecting
	and Applied Physics Mahatma	properties of hydrothermally synthesized tungsten oxide thin
	Gandhi University Kottaya	films.
9	Keerthana C S	Facile, low cost hydrothermal synthesis of Ag decorated β-Ga2
	School of Pure and Applied	O3 hierarchial spindle structures for plasmonic applications.
	Physics MG University,	
	Kottayam	
10	Dr. SHIHAB N K Department	Nonlinear Optical Properties of BaTiO3 in Symmetric and
	of Physics TKM College of	Asymmetric microcavities
	Engineering, Kollam	

Day 2All the participants were joints at 9,30 am for the plenary talk of the day delivered by Prof. Vincent Mathew, Central University Kottayam.

Plenary Lecture II

Dr. Vincent Mathew working as Professor in Physics at Central University of Kerala. .

He has worked as visiting Scientist at University of Pecs, Hungary, in 2007 Currently his areas of research include theoretical condensed matter physics, photonics and computational physics. He has published more than 70 research papers in International Journals. The plenary lecture discussed about basic physics and applications of various nanophotonic systems, along with important modelling tools. An introduction on photonic crystals and plasmonic structures were given and an overview of current developments in light-matter interaction in nanoscale structures were also included in the lecture. After the lecture a short session is given for the discussion. After that a memento is handed over to him expressing the gratitude of the conference committee. Thereafter tea break was arranged.

Invited talk session was started immediately after the tea break and was chaired by Dr. Arjun U, Inspire Faculty at Solid State and Structural Chemistry Unit (SSCU) of Indian Institute of Science (IISc.), Bangalore.

Session III

The session includes two invited talks, one from Dr. Dr. Muhammed Shafi P and one from Dr. P. Karuppasamy.

Invited lecture V: Design and development of Mixed-ionic-electronic conductive perovskite oxide as advanced materials for energy conversion/storage application

Dr. P. Muhammed Shafi is currently working as an Assistant Professor at Department of Physics, VIT-AP as a full time professor, Guest Editor for the journal of 'crystals' MDPI publications, and Early career Editorial Board Member for the journal 'Results in Engineering' Elsevier. His research interests mainly focus on design and development of advanced materials for clean and sustainable energy, environment, and health. The lecture explained how the ionic sizes and valence states of the cations play an important role in improving the properties of perovskite. Particular interest was given to the substitution of La³⁺ with Sr²⁺ with a larger ionic radius and Mn³⁺ with Fe³⁺ with a similar ionic radius. Also, the lecture gives a broad picture of designing practical high-rate hybrid device using various perovskites. The chair invited the gathering to the discussion and handed over the memento to Dr. P. Muhammed Shafi on behalf of the department of physics. After that the session continued to the next invited talk.

Invited lecture VI: Growth of High Quality and Bulk Size Single Crystals by Novel Crystal Growth Methods.

Dr. P. Karuppasamy working as Research Scientist at Sri Sivasubramaniya Nadar College of Engineering (SSN) College Chennai. He has research experience in the area of Crystal Growth and Solar cells. He has wide experience in materials synthesis and crystal growth using various methods and also various instrumentation for materials characterizations. In his talk Dr. P. Karuppasamy describes their new crystal growth methods for growing high quality, bulk size single crystals which is a modified version of Sankaranarayanan–Ramasamy (SR) method. He pointed out the significance of the effect of rotation on unidirectional crystal growth and the immersed growth solution in the unidirectional method. The lecture seemed to be beneficial for several research scholars who are worked in the field of crystal growth especially in bulk sizes. He also proposed them to follow some successful practical tactics to overcome challenges occurred during the synthesis. Dr. Arjun U, the chair of the session gave a

memento to Dr. P. Karuppasamy on behalf of the department of physics for his wonderful lecture. The session was concluded by the lecture and participants were gathered in front of the golden jubilee building for photo session. There after lunch was arranged at the canteen.

Session IV

The session included a special invited lecture on an interdisciplinary area and a chaired invited lecture.

Invited lecture VII: Talk from interdisciplinary area: Climate change and technological demands

One of the highlights of the conference is it also gather attention to important areas researchers should know besides the main focussed area of the conference. Nowadays climate change is one of the hot topics researchers as well as peoples of different international organizations paid keen attention worldwide. Here we invited Dr. Vijayakumar S Nair, Scientist at Space Physics Laboratory, Vikram Sarabhai Space Centre, Thiruvananthapuram for delivering his valuable points regarding the matter. His research interests include climate change and the impacts of atmospheric aerosols on regional hydroclimate. He has published more than 65 papers in international journals. There are several awards to his credit like Swarnajayanti Fellowship of DST, ICTP Prize, INSA young Scientist Award, MoES Young Researcher Award, KSCSTE Young Scientist Award, Simon Associate of ICTP, Young Associate of Academy of Sciences. According to him, forcings due to greenhouse gases, land-use land cover change and atmospheric aerosols contribute significantly to the observed perturbation in the radiation balance of the Earth-Atmosphere system. In this lecture, he invited the attention to the importance of technological advancements of reducing carbon footprint and particulate emissions for mitigating the risk of irreversible and catastrophic consequences of climate change. More details on open challenges in climate change studies and the key role of material science in addressing these problems were discussed in the talk. He clearly demonstrates how the atmospheric aerosols play one of the major roles on Earth-Atmosphere system. The last invited lecture of this conference started immediately after the conclusion of the talk.

Invited lecture VIII: Synthesis of plasmonic nanoparticles and their applications

The chair of the session DR. Arjun U welcomed Dr. Arun Kumar K V Currently working as Assistant Professor of Physics at CMS college Kottayam for taking the lecture.

Dr. Arun Kumar K V, after obtaining Ph.D. degree from Mahatma Gandhi University, worked as CSIR-Research associate at CSIR- National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram (Govt. of India) in the field of sol-gel ceramic materials. The lecture summarized the plasmonic nanoparticles and their applications, particularly in plasmon enhanced luminescence, *plasmonic dye-sensitized solar* cells and *plasmonic nanoparticle* doped dielectric materials for frequency tuning applications. Dr. Arun Kumar K V also gave a brief overview of the cost effective as well as simple non-hydrolytic sol-gel synthesis methods for synthesizing rare earth/dye doped titanosilicate glass. After the conclusion the chair of the session handed over a memento to him. The last presentation session of the conference started immediately after the talk.

Oral presentations Session II

Dr. Arjun U chaired the oral presentation session and there were nine contributions from the researchers. The topic and speakers of each presentation are given in the table 2.

Sl No.	Name of the Speaker	Title of the Topic
1	Riju K Thomas	Spectroscopic Studies to Monitor the Interaction of Phenolic
	Assistant Professor	Compound Functionalized Metal Nanoparticles with DNA
	Bharata Mata College,	
	Thrikkakara	
2	Jaijy Susan Sunny	Spectroscopic investigation and structural studies of bioactive
	Department of Physics, CMS	material 4-bromobenzaldehyde: A DFT approach
	College	
3	Joel Skaria	Spectroscopic investigations and DFT computations of the
	Department Of Physics, CMS	bioactive material 4-chloroanaline
	College, Kottayam – 686 001,	
	India	
4	Manya. S. Nair, St.Thomas	Chitin and Chitosan Derivatives: Potential Alternatives For
	College, Pazhavangadi, P.O.	Non-Biocompatible Materials In Cosmeceutical Products
	Ranni, Pathanamthitta, 689673	
5	PARVATHY SALIMKUMAR	Spectral Characterisation and Structural properties of
	DEPARTMENT OF PHYSICS,	4-Bromoanline: A DFT Approach
	CMS COLLEGE	
	KOTTAYAM – 686 001, INDIA	
6	Sona Varghese	Theoretical study on the effect of π -bridge modulation on the
	MSc physics	non-linear optical properties of some selective push-pull
	Department of Physics	chromophores

	University College Trivandrum	
7		
8		
9		
10		

Closing and valedictory session

After the oral presentation session and a tea session all participants gathered together for the valedictory meeting. The principal of the college Dr. Seemon Thomas presided the meeting. The IQAC coordinator Mr. Prathish Abraham welcomed all the delegates and researchers to the meeting. Principal congratulates the organising committee for their efforts for the successful conduction of the program. He made a congratulatory concluding statement, encouraging the continued involvement of young researchers. The best three oral and poster presentations were awarded during the function and the principal distributes the prizes to them. Head of the department Mr. Nelson Kuriakose felicitated the meeting and proudly declared that the conference is a huge success. After that the coordinator of the conference, Dr. Vimal G address the meeting and thanked everyone present and all those who had contributed to the success of the Conference, and then officially declared the Conference closed.

Output and future perspectives

The output and future perspectives of the NCETMS 2022 are summarised as follows:

- By the successful completion of the conference, it achieved its main goal that the young researchers learned about the latest advancements in Material Science.
- Researchers from all over India joined together and shared their ideas after the covid pandemic era
- Conference helps the researchers to bridge the gap in high level discussions.
- The success of the conference encouraged the various research communities to restart conferences in physical mode in the midst of virtual platform conferences.
- Post graduate and undergraduate students of the college got a golden chance to interact distinguished faculties from eminent institutes.
- PG students and new research scholars sharpened their ideas through the discussions.

- Department of physics did their crucial step towards the material science research
- Conference motivate and promote the aspirant students to the field of research.
- Bond between students, research scholars, professors and scientists become more strengthened
- The second chapter of the conference anticipating the collaborations of national and international institute.
- Publication of conference proceeding in international reputed Scopus indexed journals is also expecting.

Acknowledgments

The organising committee acknowledges BRNS for the collaboration and providing partial financial assistance. The committee also acknowledges Kerala Higher Education Council (KHEC) for their support and cooperation.

Conference Schedule

	09.00 am - 09.30 am	Registration		
	09:30 am - 10.00 am	Inaugural Function		
	10:00 am - 11.00 am	Plenary Lecture		
		Prof. Reji Philip (Raman Research Institute,		
		Bangalore)		
		Topic: Nonlinear optical phenomena in nanomaterials		
	11.00 am - 11.15 am	Tea Break		
	Conference Chai	ir: Dr. P. Karuppasamy (SSN College, Chennai)		
	11:20 am - 12.00 pm	Invited Lecture-I		
		Dr. Arjun U (IISC Bangalore)		
		Topic: Low-dimensional low spin systems with novel		
		magnetic ground states		
	12.00 pm - 12:40 pm	Invited Lecture-II		
		Dr. Sourabh Wajhal (BARC Mumbai)		
		Topic: Understanding the microscopic structure		
ъ т		through Neutron Scattering		
Day I	12:45 pm - 01:30 pm	Lunch Break		
06/06/2022	01:30 pm - 02:10 pm	Invited Lecture-III		
Monday		Dr. Ann Mary K A (St. Thomas College Thrissur)		
		Topic: Nanomaterials for Affordable Biosensing		
		Applications		
	02:15 pm - 02:55 pm	Invited Lecture-IV		
		Dr. Lynnette Joseph (Bishop Moore College		
		Mavelikara)		
		Topic: Molecular Structure Property Relationship		
		studies on anticancer property of diuretic drugs:		
		Experimental and Theoretical Approach		
	02.55 pm - 3.35 pm	Invited Lecture –V		
		Mr. Monu Joy (Clarkson University, USA)		
		Topic: Advancement of Crystalline Porous Material		
		field by Cutting – Edge Crystallography and		
		Computational Chemistry Tools		
	03:35 pm - 03:50 pm	Tea Break		
	03:50 pm - 04:30 pm	Poster Presentation		

	09:30 am - 10:30	Dlanawy Lastyne	
		Plenary Lecture	
	am	Prof. Vincent Mathew (Central University of	
		Kerala)	
		Topic: Light Matter Interaction at Nanoscale	
	10.30 am - 11.10	Special Lecture –VI	
	am	Dr. Vijayakumar S Nair (VSSC, Trivandrum)	
		Topic: Climate change over the Himalayas	
	11:10 am - 11:25	Tea Break	
	am		
	- 11	nce Chair: Dr. Arjun U (IISC Bangalore)	
	11:30 am - 12:10	Invited Lecture- VII	
	pm	Dr. Muhammed Shafi P (VIT-AP university).	
	P	Topic: Design and development of	
		Mixed-ionic-electronic conductive perovskite oxide	
Day II		as advanced materials for energy conversion/storage	
07/06/2022		application	
	12:10 pm -12:55	Invited Lecture –VIII	
Tuesday	1		
	pm	Dr. P. Karuppasamy (SSN College, Chennai)	
		Topic: Growth of High Quality and Bulk Size Single	
		Crystals by Novel Crystal Growth Methods	
	12:55 pm -01:30	Lunch Break	
	pm		
	01.30 pm - 02.10	Invited Lecture –IX	
	pm	Dr. Arun Kumar K.V (CMS College Kottayam)	
		Topic: Nanomaterials and its applications	
	•		
02.10 pm - 03.45 Oral Presentations			
pm			
	3.45 pm - 4.00 pm	Tea Break	
	04.00 pm - 4.15 pm	Valedictory Function & Award Distribution	

Conference expenditures and funds

Sl.	Particulars	Expenditure (Rs)	Income (Rs)
No.			, ,
	Registration Fees		
	Advertisements		
	RETD teachers' assistance		
	BRNS Assistance		
	Alumni Assistance		
	Food & Accommodation		
	Remuneration & Memento		
	Travel		
	Printing and Publicity		
	Miscellaneous		
	Total		
	Balance		
	Grand Total		



ST. DOMINIC'S COLLEGE KANJIRAPALLY

Parathodu P.O, Kottayam, Kerala - 686512

B.Voc DEPARTMENT

Students List for FoSTaC Training

SI. No	Name of Students	Gender	Batch
1	Adithyan R	Male	
2	Alfiya Shahid	Female	
3	Amareesh Soman	Male	
4	Anand K S	Male	
5	Anjitha Maria Jose	Female	
6	Anju Mol Babu	Female	
7	Anumol Joseph	Female	
8	Anumon S	Male	
9	Arathi K	Female	
10	Aromal P Madhu	Male	
11	Asna Sakeer	Female	
12	Aswani Nair	Female	
13	Aswathy Jayachandran	Female	B.Voc Agro Food
14	Babith S Babu	Male	Processing 2019 – 2022
15	Bipina B	Female	Batch
16	Bonny Johnson	Male	
17	Farsana Shamsudeen	Female	
18	Faseeja Beevi K J	Female	
19	Jaseel T N	Male	
20	Jissmon James	Male	
21	Mahima K R	Female	
22	Manu Deeshit	Male	
23	Nawren Fathima	Female	
24	Prince Francis	Male	
25	Resiya P Shaji	Female	
26	Thejas Anand S	Male	
27	Vijayalakshmi R	Female	
28	Afnan Sadiq P	Male	
29	Albin Babu	Male	
·30	Amal Thomas	Male	
31	Blesson Tomy	Male	B.Voc Agro Food
32	Cyril Jacob	Male	Processing 2018 – 2021
33	Harikrishnan S	Male	Batch
34	Haseena K S	Female	
35	Muhammed Asif	Male	
36	Nandana B Nair	Female	

<u>Contact Details:</u> Shony G Kizhakkethottam (Guest Lecturer), E-mail: <u>shonygeorge@sdck.in</u>, Ph: 9495558054

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Show 2/2022





FoSTaC Training

Department of B.Voc Agro Food Processing of St. Dominic's college, Kanjirappally in association with KEFTA (Kerala Food Technologists Association) had organized a one day training programme in FoSTaC Certification at the college audio visual room for the students of Agro Food Processing. FOSTAC, or Food Safety Training and Certification, is a training program of the Food Safety & Standard Authority of India (FSSAI) initiated to raise awareness of Food Safety & Standards among food business operators. All food businesses having Central Licences or State Licenses should have at least one trained and certified food safety supervisor for every 25 food-handlers or part thereof on all their premises. The training programme had begun with the welcome address of Mr. Mathew Zacharias (Nodal officer of B. Voc Dept) followed by the felicitation speech Dr. Seemon Thomas(Principal, St.Dominic's College) and Dr. Jojo of George(Director, Self financing Courses). Thereafter, KEFTA team delivered an excellent session. It was really a beneficial talk for the food processing students. At the end of the session, certificates were awarded to the students who had participated in the training programme.

Department of Physics

St. Dominic's College Kanjirapally

Dr. Roseline memorial lecture series

Venue: Golden Jubilee Hall

Date & Time: 26-7-2022, 09.30 AM

Resource Person: Prof. Sabu Thomas

Report

The inauguration meeting of Dr. Roselin Memorial lecture series initiated by department of physics and instituted by her family to commemorate her contributions to the society, was held at golden jubilee hall of the St. Dominic's College Kanjirapally on 26-7-2022 at 9.30 AM. The college principal Dr. Seemon Thomas presided the function and the Honourable Vice Chancellor of Mahatma Gandhi University Prof. Sabu Thomas was who inaugurated the function and also the chief guest of the meeting. The inauguration function was started with prayer song. Mr. Nelson Kuriakose, head of the department welcomed all the dignitaries and gatherings to the program. The chair of the function Dr. Seemon Thomas delivered the presidential address of the meeting and congratulate the initiatives taken by department of physics. He also expressed the gratitude towards the Vice chancellor for his willingness to became part of the programme. After the presidential address, Honourable Vice Chancellor address the meeting and officially inaugurated the program by lightening the Nilavilakku. He shared the memories of the Dr. Roselin Abraham in her research periods and he said that she showed constant interest in research works, participating conferences and producing high quality international publications and she is a real idle for young researchers. Honourable Vice Chancellor appreciated the initiatives taken by department of physics and her family. The first lecture of the Dr. Roselin Memorial lecture series was delivered by Prof, Sabu Thomas, immediately after the inauguration ceremony. The topic of the lecture was "Circular Economy: New Opportunities in Sustainable Nanomaterials and Polymer Bio-Nanocomposites". In his lecture he focussed on the development of nanoparticles from biowaste materials and their use in the field of antibacterial, antioxidant and antitumor applications. Due to the relevance of the topic in the field of science as well as economics, all peoples were actively participated the lecture and it was really a very informative lecture for research aspirants and researchers. After the lecture The Vice Chancellor congratulated the first rank holder of MG University BSC physics 2022, Ms Sandra Santhosh and handed over a memento to her. Dr. Vimal G, the convener of the program expressed the gratitude towards VC on behalf of the SD College, Department of Physics and Dr. Roselin Abraham's family. After a short tea session, the manager of the college Rev.Varghese Parinthirickal delivered a felicitation to the program and honoured the retired faculties of the department of physics participated in the programme. On behalf of the retired community, Prof. Philomene Joseph delivered a felicitation and shared the memories of Dr. Roselin Abraham. Followed by that Ms. Mercykutty Abraham, elder sister of Dr. Roselin Abraham, shared her memories on behalf of her family. Prof. Marykutty Joseph, Retired faculty also addressed the meeting and expressed warm wishes to the success of the programme. After that Dr. Vimal G thanked everyone present in the programme on behalf of the Department of Physics.

DR. ROSALIN ABRAHAM MEMORIAL LECTURE SERIES DEPARTMENT OF PHYSICS

ST.DOMINIC'S COLLEGE KANJIRAPALLY

Inauguration Ceremony 26 th JULY 2022 09.30 am

Prayer Song

Welcome speech : Mr. Nelson Kuriakose

HOD Physics

Presidential Address : Dr. Seemon Thomas

Principal

Benedictory Address : Rev. Fr Varghese Parinthirickal

Manager

Inaugural Speech & : Prof. (Dr.) Sabu Thomas

First Lecture Honourable Vice Chancellor, M.G

University

Tea Break

Honouring the Retired Faculty : Rev. Fr Varghese Parinthirickal

Felicitation : Prof. Philomene Joseph

Former Faculty, Dept. of Physics St. Dominic's College Kanjirapally

Vote of thanks : Dr. Vimal G

Faculty, Dept. of Physics

Participants

		registration	Participants Registration				
SI. No.	Name of the student	Course of Study	Year of study	Signature			
1	Vishnu CB	BSc Mathematics	2020 1-2023	Jun B			
2	Albin Thomas	BSc Mathematics))	Allow			
3	Abhijith Bina	BSc Mathematics	11	Acron			
4	Roshan Roby	"		Phi-			
5	Alen M Grooge	1)	"	Alenmyouge.			
6	Jince . C . Reji	B. Sc Botony	u	Ray			
7	Aswin Jagacleesan	Bisc Boben	, 11	4			
8	Jins Jose	11	11	The second			
9	Aparna P.J	В	2020-23	Aparna			
10	Abhishma B	B.Sc Botany	2020 - 23	all or B.			
11	Eladevi Rajesh	Bec Bolany	2020 – 23	Et D.			
12	Anishma Jayan	Bse Bolamy	2020 –23	Mahi			
13	Sethulakshmi	Bsc. Botany	2020-23	hand hing			
14	Christeena Dortony	Bsc. Bolany	2020 - 23	Church			
15	Snehamol . Babi	Bsc · Bolany	2020-23 (Chip			

Participants Registration					
16	Esna. Fastima Thouseen	Box Botany	2020-2083	abonost.	
17	Nandhana Finay	n	"	Nonta Frank	
18	Asnima Asnon	ж. и	•	24 300 ·	
19	Gertumos Rifu	и	u	Commen	
20	Anandh Pradeep	Bsc. Medhamath	2021-2024	Gradh.	
21	Richard Reji	11	11	Russi.	
22.	Jiju Mathew Thomas	"	",	The	
23	Aman Sagar Thomas	ν	n	A-10	
24	Athina Kalu	"	2020 - 2023	Mar	
25.	Anit Joseph	1)	i,	A DIL	
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ಎ 7	Sandra Surresh	11	b	Sales:	
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29.	Ameena. A. Vahab	Six. Mathematics	2021-2024	Ann	
30.	Justy Maria Georgee	n	1)		
31)	Messina Sajew)1	n ·	Hay.	

	Participants Registration			
32	Dijîna Domênle	BSc. Mathematics	2021 - 2024	Aligina.
33	Fatsion Shihab	Bs. Markematic	2021-2024	Note that the same of the same
34	Sandra Susan Siby	BSc. Mathemati	2021-2024	Sole
35	Mazzin Fathima Rafr	B.S. Mathemati	1	A start
ў б.	Rascene . K. N	BSc Mathematic		Tageno.
37.	Aparina Manoj	Bsc. Botany	2020 - 23	Aparra
38.	Fathima KR	Bac. Botany		4 Dama
39.	Joslin Thomas	Bsc Botany		Sosleio
40.	Indisa Apprie Madhu		2020 - 23	halis
41.	Jismi Cherian	Bsc. Botany	2020-23	F.3
42.	Anu Maria Sony	Bsc. Botany	2020-23	Shortway
43.	Alphy Treeson Jose	BGC Malhends	2020-23	4180
44.	Mariepa Joseph	B& Mathematics	2020-23	Marigo
45.	Akhila Shaji			STORE .
46.	Joice George	Bsc Chemistry	2021 - 2024	John Georg
47	Koocnik. B. Nois	Bec Physics	2021-2024	Oso

26 July 2022 Participants Registration					
48	Bichu Faisal M	BSC Chemistro	3051-30g	. Rhy	
49	Jesbin Sunny	p 13	,,	Gesta	
50	Omjeth-B	Bsc. Physics	2021-2024	(Dus)	
51	Losa John Mathew	Osc chemistry	1)	1000	
52.	Astl Tom	,,	")	Mark Ser.	
53	Abin Thomas	Bac playsic	,,	4	
54	NICHON JOSEPH	BSC PHYSICS	"	of the state of th	
55	Vianajith. N	B. Sc Physig	10	A	
56	Anite Thomas	BSC Physics	. "	the state of the s	
57	Aziana Rajeer	Bisc Physics	"	10-	
58	Psiyanandoma. R. chanolan		n	Lights	
59.	Ashitha Hamsa	BSc Chemistry	n	Allin Tolk	
60	Aleena Binu	B.S.C. Mathematics	2020-2013	Herman	
61.	Sona Haria Sabu	11	n	gmallantos.	
62	Abhiroani Madhu	1/	1)	Alua.	
63.	Navya C	,,	4	11.	

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	<u>Participants</u>	Registration		
64	Amikha Alphonsa Arkay		2020-2023	Allo
65	Scretha Maxia Vasghese	"	رو	Suetho
66.	Aleena Anceb),	.))	100
61	Syam chandban	Dec Physics	. 2)	Simo
68.	Rabul. B	Bac Physics	IJ	Que.
691	Elbinship	Bac Physics	И	P
70.	Anandu Ashok	BSC Physics	4)	Anancks
71	Akshai Reji	Bsc Physics	1)	Akstai
72	Alan Ruxeendrakumer	Bie physics	,	Ofn-
73.	Amal Krishna E M	B.sc Chemistry		din-
74.	Justin P Sha	B.sc Chemistry	J i	Justis
75	Midhun M.P	B.Sc Chemistry	'n	Midhuo-
76	Sebi Makheeo	BS.c chemistry	"	
77	PLIA W BILLY	BSc Chamery	u	Jan Jan Jan
78.	Crokul Krishna	Bsc demister	17	listell.
79	Ameena P.h	Bsc-Maths:	2021+2024	Am

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Participants Registration					
80	Fathima Nageer	185c. Malbernalie	2021-24	therea	
31	Elizebeth Nathaw	Bac Mathemadies	2021-24	falsh	
42.	Teethu Movia George	Bsc Mathematics	2021-24	of Amer	
83	Dawna Jenson	BSc Mathematics	2021-24	क्रार्ग,	
84	Devalakshmi KS	M.Sc Potany	2020 - 22	the ballan	
85.	Anu. K.V	"	"	Ann.	
36	Crayathri. Y	u	u	Caylor	
87.	May Cyriac Sebastian	//	//	Jan !	
€8	Jibin Saby	l)	4	垫	
89	Rinta Joseph	Msc Bolany	2020-22	Rinda	
90	da Party. G. Tom	MSc Botany	2020-22	AQ	
91	Cumi Cibi	BSC Bolany	2020-13	84	
92	Emal. K. Sathyan	"	11	Defe	
93	Reshma Rajan	Bsc. Malhaudig	2020- 23	office.	
94	Riswana Fathima Hamsa	ч	"	Taulles.	
95	Neha jose	v	"	Algora.	

	Participants Registration					
96	Arrinal Sulaikha Salin	BSc Madles.	2020-23	Alaikhe		
97	Jesna VJ	BSc Physics		Jenall		
98	Aswathy Rajappan	Msc. Botany		Aprolly		
99	Alona Siby	MSC. Botany	2020 - 22	Az:		
100.	Anyja Rajan	Msc. Gotan	\$000-55	Ays.		
101.	Parvathy V3	BSc Physics	2020-2023	Danthey.		
102	Figni Theresa Bajon	Ber Physics	2020-2023	Ston		
103	Adhnlya Ajith	Bsc. Physics	2020 - 23	Inothyly .		
10.4	Testeina Shejm.	Bsc. physia	2020-23	Dieni.		
105	Linu Sebastian	Bsc. physics	2020-23	Lin		
106	Anjana P.R	B.sc Physics		Air		
107	Devika Bisu	Bsc Physics.	2020-23	Ada		
108	Snehamol TV	BSC. physics	2020-23	Sudei		
109	Aparena Ajilsunar	BSc. Physics	2021-24	Aportug		
110	Athulya Mol Joseph	B.sc. Physics		Aug.		
111	Shilpa Santhosh	B.sc Chemistry	2021-24	She		

Participants Registration				
112	Anustee. A	Bsc. Chemistry	2021-24	Lourest
113	Farzana. p. M	Posc chemistry	2021-24	dama .
114.	Mumthas Ayoobkhan		A STATE OF THE RESIDENCE	
115	Milecna Varghese		2021-2024	
116	Alema Mary Tard	BSC. Chemi Lay		Λ
1114	Khadeya Ibrahim	BSC Chemisdu		The state of the s
118	Faszana Shaji	BSC. Chemish		
119	Khazana P. A	B.8. Chemistr	A THE REAL PROPERTY IN LINE AND A SECOND SEC	100
120	Ameena Basheer	B.S.C. Chemistry		
121	11111 - 1	B. Sc Chemistry		
122	Saliha Salim	B.s.c chumiday		
123	Vismaya Rajan	B.S. Chemistry		
194	Fahremal Aliya.	Box. Chemistry		
125	Neha Alphonia Trentin	Bsc physics	A STATE OF THE PARTY OF THE PAR	
126		Bsc physics	the later to the l	the state of the second
127		BSc Physics		

Participants Registration				
128	Dhrishya Dinesh.	Bac Physica	2021-2024	Theighye.
129	Gireeshma Rajan	BSC physics		
130	Sandra Somarajan	Bsc Physics	2021-2024	Sindra
131	Anusre M.S	Bsc Physics	2021-2024	Anusal
132	Toniya Thomas	Bsc Chemistry		
133	Haria /Johny	Bsc chemistry		Mass.
134	Suckully Thilakan	Bri-chamicky	2020-2023	Daniel A.
135	Ajuba 73	Bu chemistry	2020-2013	
186	Arakha Massoj	Bsc. Chemistry	2020 - 2023	Astra
137	Saranga Mol KR	BSc. Chemistre	1 2020-2023	See Jacober
138	Hima p.s	BSC Chemistry	2020-2023	4.温.
139 139	Asiya Maliyam P.H	7)	2)	
190	Sivapriya P.P	ν	ν	givapriye.
191	Bhagua Mohan	ז	n	(B) Cario
142.	Snehamol. 5	7)	")	Africa -
193	Aliya Noural	u	4	

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145	Anjara Mohanan.	10	(/	- Soforme		
146	Alfiya Nizaa.	"	13			
(47	LAKSHMI M	BSC. PHYSICS	2021- 2024	By Al		
148	Advaitha Bem	ij	1)	and ha		
149	ANJU P.M.	n	n	TARA-		
150	Lekshmi Suendian	1)		telestron .		
151	Ann Marsiya Washin	U	2020-23	manys:		
159	Amal Dominie Joseph	21	h			
153	Acon Benny	U	11	Am		
159	&/. S. Sadique	u	1	Dec		
155	Sandea Floppas	cı	2021-24	Sindis		
156	Oleena B bushnan	ч	2020-23.	Alexander 1		
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158	Josna Maera Janes	ı)	2020 - 23	Tous		
159	V.S. Sadique	1)	2020-23	Yours		

Photos of the Programme

Department of Physics

St. Dominic's College, Kanjirappally

Talk on "Research methodology for Physics"

Venue: Audio Visual Hall

Date & Time: 5/08/2022, 1:30 PM

actively participated and cleared their doubts.

Resource Person: Dr. Seemon Thomas

The department of Physics, St. Dominic's College Kanjirappally organized a lecture as a part of the inauguration of the activities of the Physics forum on 5/08/2022. The talk was delivered by Dr. Seemon Thomas, Principal of St. Dominic's College Kanjirappally. The seminar commenced at 1:30 pm at the audiovisual hall of the college. Mr. Nelson Kuriakose, head of the department, welcomed the principal for the talk. Dr. Seemon Thomas delivered a very informative talk on the topic research methodologies in Physics. He mentioned that research methodology is a way of explaining how a researcher intends to carry out their research. He also pointed out that methodology details a researcher's approach to the research to ensure reliable, valid results that address their aims and objectives. He shared his research experiences. Following the talk there was an interaction session with the students. The session was very interesting as the students





DEPARTMENT OF PHYSICS

ST. DOMINIC'S COLLEGE KANJIRAPPALLY

Inauguration of PHYSICS FORUM-2022

5th August 2022, 01.30pm

venue : Audio visual hall



Inauguration & lecture on "Research Methodology for Physics" by

DR. SEEMON THOMAS

CHIEF GUEST



SHEMIR V MUHAMMED

Assistant Registrar civil station Kanjirappally

Principal



Department of Physics

St. Dominic's College, Kanjirappally

Report of the live webinar - Solar Energy: For a sustainable world

Date & Time: 28/02/2022, 1:30 PM

Resource Person: Dr. Prabeesh Punathil

On behalf of the activities of the Physics forum, a webinar was conducted for the undergraduate students of the department on 28-2-2022, as a part of the national science day celebrations. The webinar commenced at 2:30 pm with the welcome speech of Mr. Nelson Kuriakose, head of the department. He gave a brief introduction about the speaker. The lecture was delivered by Dr. Prabeesh Punathil, Postdoctoral Researcher, Laboratory for photovoltaics and solid state physics at the University of Verona, Italy. The topic of the lecture was 'Solar Energy: For a sustainable world'. Dr Prabeesh, an eminent scientist who has published more than 20 international publications relevant to the field of Photovoltaic cells delivered a very interesting lecture on the importance of solar energy and sustainable world. Dr Prabeesh also mentioned the significance of the theme of the national science day 2022 'Integrated Approach in Science and Technology for a sustainable future'. He also mentioned that important scientific days like the National Science Day should not only be a one-day event, but need to be celebrated on a regular basis. The seminar was indeed a grand success as the students participated with great enthusiasm. About 75 students participated in the seminar. Dr. Vimal G, faculty representative thanked all those who participated in the webinar. The webinar came to a close at 3:30pm.



NATIONAL SCIENCE DAY CELEBRATION 2022

Integrated Approach in Science and Technology for a Sustainable Future

Live Webinar on

Solar Energy: For a sustainable world

By
Dr. Prabeesh Punathil
Post Doctoral Researcher
Laboratory for photovoltaics and solid state
physics
University of Verona, Italy

28 February, 2022

TIME : 02:30 - 03:30 PM

Click here to join:







About the speaker

Dr. Prabeesh Punathil is a post doctoral researcher in laboratory for photovoltaice and solid state physics at the university of Verona, Italy. He received Ph.D from University of Calicut, in 2019 (CMET) under Ministry of Electronics & Information Technology Government of India. He have published more than 20 international publications relevant to the field Photovoltaic cells and applications.

One Day Workshop

or

Learning Tools for Digital natives
Department of Physics, St. Dominic's College Kanjirapally
30 August 2022

Report

The Department of Physics organized a one day workshop on Learning Tools for Digital natives on 30 August, 2022 at St. Dominic's College Kanjirapally in Collaboration with Department of Computer Applications, Amal Jyothi Engineering College sponsored by Kerala State Council for Science, Technology and Environment (KSCSTE). The workshop was specifically meant for the local/regional students as well as teachers from Arts, Science and Engineering streams with a view to make the students gain in-depth knowledge in Educational Apps. Out of 125 persons registered for the workshop, 58 participants were from Department of Computer Applications, Amal Jyothi Engineering College, 9 students from M.Sc Chemistry, 8 students from M.Sc Botany, 43 students from B.Sc Physics and 7 faculty members of St. Dominic's College. The workshop was formally inaugurated by Dr. Seemon Thomas, Principal, Mr. Nelson Kuriakose, HOD Physics, presided over the meeting and Rev. Fr. Dr. manoj Joseph, Bursar, felicitated the occasion. The Workshop had altogether four sessions.

Dr. Jesby George Assistant Professor Department of Physics St.Dominic's College Kanjirappally