

KUMBALATHU SANKUPILLAI MEMORIAL DEVASWOM BOARD COLLEGE (Re-accredited with 'A' Grade by NAAC)

SASTHAMCOTTA, KOLLAM District, KERALA

CRITERION 3

3.2.1. Institution has created an ecosystem for innovations including incubation center and other Initiatives for creation and transfer of knowledge



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1. Participation in Rebuild Kerala- Making of Chekutty Dolls

Chendamangalam is a village popular for its looms, a lot of weavers have lived here for generations. The Handloom weavers at Chendamangalam in the Ernakulam district lost the only source of their livelihood when the floods inundated their weaving units and washed away all their stock and raw materials. In one unit alone approximate loss was calculated to be Rs 21 Lakhs. The only option was to burn the clothes and that was when two social entrepreneurs in Kerala decided to give the state Chekutty, a handmade doll that has become a symbol of hope to almost 600 weavers. The 'Chekutty' is an initiative by which dolls are made of soiled garments from the flood-hit looms of Chendamangalam in order to help the weavers to weave their life back. Chekutty making is done by volunteers and the profit made out of sales is transferred directly to the Society of weavers. The flood-affected Chendamangalam Handloom Society received support and help from several parts of the world by making and distributing Chekutty dolls made out of stained and torn handloom clothes from the flood-hit Chendamangalam. This was one among the successful strategies to combat the adverse situations and to rejuvenate their life, as part of the Unite Again to Rebuild Kerala initiative of the Government of Kerala. The amicable gesture from our College was to help the traditional handloom weavers at Chendamangalam to regain their lost glory whereby something can be done for the society. Our college fulfilled its social responsibility by training the NSS Volunteers for Chekkutty Doll making. Mr. Unni, a volunteer from e-Malhar conducted the training session. They provided the clothes from the flood affected weaver's village and the trained volunteers







stitched it together to lend a helping hand to the weavers and thus became a part of the Chekutty campaign and Rebuild Kerala. Our students stitched 500 dolls and handed it over to the volunteers of E-Malhar for sale.











2. Institution's Innovation Council (IIC)

Ministry of Human Resource Development (MHRD), Govt. of India has established 'MHRD's Innovation Cell (MIC)' to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are in formative years. MIC has envisioned encouraging the creation of 'Institution's Innovation Council (IICs)' across selected HEIs. A network of these IICs will be established to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system on the campuses.

Major Focus of IIC is:

- To create a vibrant local innovation ecosystem
- o Start-up/entrepreneurship supporting Mechanism in HEIs
- o Establish function ecosystem for scouting ideas and Pre-incubation of ideas
- Develop better Cognitive Ability amongst the students

Functions of Institution's Innovation Council:

- Promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campus
- To conduct various innovation and entrepreneurship-related activities in time bounded fashion
- Identify and reward innovations and share success stories Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators





- Network with peers and national entrepreneurship development organizations
- Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students
- Organize Hackathons, idea competition, mini-challenges etc., with the involvement of industry

K. S. M. D. B. College has a MHRD recognised **Institution's Innovation Council (IIC)** which functions as per the norms of the Government of India to create an ecosystem for innovation and cultivation of ideas among students and faculties to transform our graduates into job creators rather than job seekers. The IIC also acts as a nodal agency to coordinate the activities of Idea Lab, ED Club, various departments, clubs etc. The council also conducts programs such as workshops, seminars for entrepreneurship development and facilitates tools for technology development and its implementation. IIC motivates and facilitates student participation in young innovator's programmes. The council aims at the institutional focus of creating an eco-system including incubation centre and also provides infrastructural and technical support for establishment of start-ups. With these objectives the following programmes were organised by IIC.

CERTIFICATE OF ESTABLISHMENT This is to certify that Devaswom Board College, Sasthamcotta, Kollam has established an Institution's Innovation Council (IC202115730) in the campus as per the norms of Innovation Cell, Ministry of Education, Govt. of India during the academic calendar year 2021-22 Abley Je Aishe Code: C-44482 Certificate No: 5274 D.B COLLEGE STHAMCOTTA





Ten Day National Level STTP on Digital Marketing for Job Seekers and Entrepreneurs

Dates	23/09/2021 to
	06/10/2021

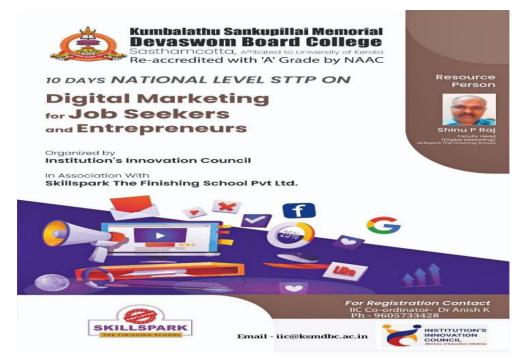
Institution's Innovative Council (IIC), Kumbalath Sankupillai Memorial Devaswom Board College organised a 10 day National level STTP on Digital Marketing for Job seekers and Entrepreneurs from 23rd September 2021 in association with Skillspark The Finishing School Pvt Ltd. The programme was inaugurated by Dr. Mini Chandran C, Principal, chaired by Dr.Anish K., President IIC, and Dr. Jayasree V, Coordinator IQAC and Mr. Suhas P S CEO Skillspark The Finishing School offered the felicitations. Mr. Shinu P. Raj, Head, Digital Marketing, Skillspark The Finishing School was the resource person for this workshop. Dr. Sandeep S, Co-ordinator IIC, delivered welcome speech and Ms.Shamna P S, Member IIC, delivered vote of thanks. The Workshop mainly focused to provide an overview of digital marketing, the approach and the essential tools in marketing. It emphasised the role of digital platforms as well as digital branding through various Webpages. The programme gave the participants a comprehensive idea on doing analysis through Google analytics as well. This program was scheduled for one hour each day, with a fifty minute presentation and a ten minute Question and Answer session. Total number of participants was 150. The workshop came to an end on 6th October

2021.









Brief Report

Day: 1 (23/09/2021)

First day session was all about the introduction of Digital Marketing domain and the necessity of digital marketing in current competitive world. The session was carried out by **Mr Shinu P Raj**, Resource Person from **Skillspark The Finishing School Pvt Ltd**, **Kollam**, in which he spoke about the concept of **Digital Marketing and Marketing of products and services** using digital technologies. He also spoke about various types of Digital Marketing techniques which are currently being used by the industry to sell various types of products and services. Digital Marketing can be on-line and off-line and various methods of both the types were covered. **Mr Suhas P.S, CEO Skillspark The Finishing School Pvt Ltd**, **Kollam**, also delivered a lecture in the session. Dr. Sandeep S, Co-ordinator IIC, welcomed the participants and Resource Persons. Total number of participants was 150. The session







was concluded with Question & Answer session.

Day: 2 (24/09/2021)

The session on the Second day was all about the different types of digital marketing tools and websites. The session was handled by **Mr Shinu P Raj**, Resource Person from **Skillspark The Finishing School Pvt Ltd, Kollam**, in which he spoke about different types of digital marketing tools MailChimp, Google Analytics, Google Ads, Canvas, Trello, Slack, Yoast SEO, Survey Anyplace, Ahrefs and SEMRUSH. He also discussed about eight common platforms for digital marketing including social media, influencer marketing, content marketing, email, search engine optimization (SEO), pay-per-click (PPC), affiliate and mobile. Dr. Anish K, President IIC, welcomed the participants and Resource Persons. Total number of participants was 150. The session was concluded with Question & Answer session.

Day: 3 (27/09/2021)

Third day session was all about editing in canvas. The session was carried out by **Mr Shinu P Raj**, Resource Person from **Skillspark The Finishing School Pvt Ltd, Kollam**, in which he spoke about different editing techniques in canvas. Ms Shamna, Member IIC, welcomed the participants and Resource Persons. Total number of participants was 150. The session was concluded with Question & Answer session.

Day: 4 (28/09/2021)

Fourth day session was also all about editing in canvas. The session was carried out by

Mr Shinu P. Raj, Resource Person from Skillspark The Finishing School Pvt Ltd, Kollam,







in which he explained the canvas editing techniques and its various steps with the help of visuals in a way that the participants could understand. Ms Shamna, Member IIC, welcomed the participants and Resource Persons. Total number of participants was 150. The session was concluded with Question & Answer session.

Day: 5 (29/09/2021)

Fifth day, the session was all about website making. The session was carried out by Mr Shinu P Raj, Resource Person from Skillspark The Finishing School Pvt Ltd, Kollam, explained in detail about how to make a website very simple and the importance of designing a website. The session was made interactive and clear by usage of videos to make things clear to the participants. Mr Shinoj S., Member IIC, welcomed the participants and Resource Persons. Total number of participants was 150. The session was concluded with Question & Answer session.

Day: 6 (30/09/2021)

On sixth day, the session was also about website making. The session was handled by Mr Shinu P. Raj, Resource Person from Skillspark The Finishing School Pvt Ltd, Kollam, in which he discussed mainly about the various steps to be taken while designing a website, like make a plan for your website's structure and content, register a domain name – ideally pick a .com, Find a website builder (or CMS/hosting provider) to create your site, Optimize it for search engines and Launch your website. The session was supported by videos to make things clear to the participants. Mr Shinoj S., Member IIC, welcomed the participants and Resource Persons. Total number of participants was 150. The session was

concluded with Question & Answer session.



Day: 7 (01/10/2021)

Seventh day session was about different types of Social Media marketing. The resource person was **Mr Shinu P. Raj**, **Skillspark The Finishing School Pvt Ltd**, **Kollam**. He had started the session by discussion about how to do social media marketing, the social media marketing currently in use and the tools and tips related to these. Later on he moved to explain the different terms used for social media marketing such as content, context, hashtags, shares, engagement etc. Mr Shinoj S., Member IIC, welcomed the participants and Resource Persons. Total number of participants was 150. The session was concluded with Question & Answer session.

Day: 8 (04/10/2021)

Eighth day, the session was about Facebook page creation. The session was engaged by **Mr Shinu P Raj,** Resource Person from **Skillspark The Finishing School Pvt Ltd, Kollam**, in which he had discussed the importance of Facebook in digital marketing. He also explained the modus operand of how to create a Facebook page with the help of videos. Dr. Anish K, President IIC, welcomed the participants and Resource Persons. Total number of participants was 150. The session was concluded with Question & Answer session.

Day: 9 (05/10/2021)

On ninth day, the session was about usage of hashtags in digital marketing. The resource person was **Mr Shinu P Raj**, Resource Person from **Skillspark The Finishing School Pvt Ltd, Kollam.** The resource person effectively explained how to use hashtags properly for well-targeted marketing campaigns. He also mentioned that hashtags can provide benefits





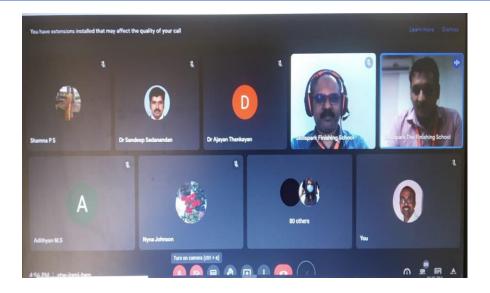
when used strategically. He described the various benefits of using hashtags. That is, they can be used to bring the content to more audiences, raise awareness about the brand, target a specific group of people, boost the SEO and among other things, use hot trends and topics for the benefit of each individual. Mr Shinoj S., Member IIC, welcomed the participants and Resource Persons. Total number of participants was 150. The session was concluded with Question & Answer session.

Day: 10 (06/10/2021)

Tenth day session was about the opportunities of digital marketing and income generation. The resource person **Mr Shinu P Raj**, Resource Person from **Skillspark The Finishing School Pvt Ltd, Kollam**, emphasised on how digital marketing can be used as an income generation opportunity. Digital marketing uses online marketing tools to sell products and services. He also discussed the various ways of income generation through digital marketing, such as content writing, website design, search engine optimization, Facebook advertising, mobile marketing, YouTube marketing, blogging and network marketing. He covered all the fundamentals of analytics which is highly essential to enter into the Digital Marketing world. Mr Sanu S J., Member IIC, welcomed the participants and Resource Persons, and Mr Robin Lawrance, Student Member IIC, delivered the vote of thanks to all those participated in the programme and to resource person. The session was concluded with Question & Answer session. In the valedictory session the Resource Persons were felicitated and two students gave their feedback.

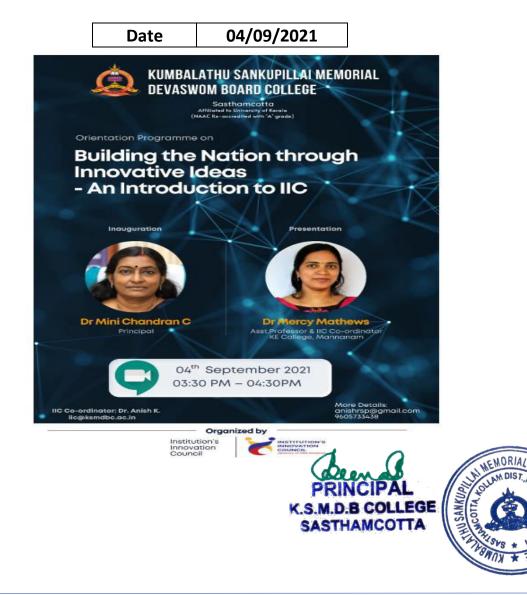






https://ksmdbc.ac.in/digital-marketing-for-job-seekers-and-entrepreneurs/

Building the Nation through Innovative Ideas – An Introduction to IIC





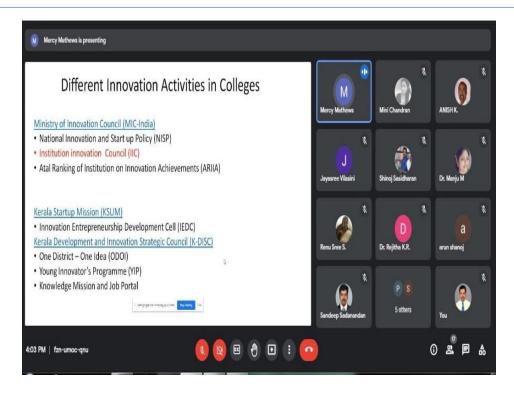
Brief Report

Institution's Innovative Council (IIC), Kumbalath Sankupillai Memorial Devaswom Board College conducted an orientation programme on '**Building the Nation through Innovative Ideas – An Introduction to IIC'** on 04th September 2021. The Programme was organised online via Google Meet. Dr. Mini Chandran C. Principal, inaugurated the session, Dr.Anish K., IIC President chaired the session, and **Dr. Mercy Mathews, Asst Professor & IIC Coordinator, KE College, Mannanam**, presented the major ideas related to IIC. Mr.Shinoj S., Member IIC, delivered vote of thanks. The session was an eye opener to the faculty members regarding IIC, its roles as well as functions. About 50 students attended the Programme.









Women in Leadership: Achieving an Equal Future in a Covid-19 World







Brief Report

Department of Political Science and Institution's Innovative Council (IIC), in association with **The Institute of Parliamentary Affairs, Thiruvananthapuram organized** a one-day programme, "**Women in Leadership: Achieving An Equal Future In A Covid-19 World**", as part of the celebrations of International Women's Day on 8th March 2021 in online mode using Google meet platform. The first session was handled by Prof. Mini Sukumar, Assistant Professor, Department of Women's Studies, University of Calicut and the topic of discussion was "Violence Against Women: Human Rights Perspective". In the second session, Dr. Anu Unni, Assistant Professor, Department of Political Science, University of Kerala delivered a talk on the topic "Women and Politics in Kerala". Dr.Anish K., IIC President and Head of the Department, Political Science chaired the session. Many students actively participated in the programme. Mr.Shinoj S., Member IIC, delivered vote of thanks. Dr. Arun Shanoj D.S., Assistant Professor, Department of Political Science coordinated the programme.

3. K-DISC- One District-One Idea Programme for Innovation Promotion for Local Economic Development

Participants from the	20 students and 4 teachers
institution	

Government of Kerala has formed the Kerala Development and Strategic Council (K-

DISC) to give a thrust to innovation in the State through the mandate to identify and nurture a





critical mass of innovations by bringing out path-breaking strategic plans that reflect new directions in technology, product and process innovations, social shaping of technology and creating a healthy and conducive ecosystem. For this, K-DISC aims at appropriate institutional linkages to the selected innovations. As part of mobilising the academic partners, K-DISC had invited EOIs from leading academic institutions for their association with the ODOI program. A total of one hundred and one EOIs were received. An expert committee was constituted for overseeing the process. Based on the evaluation of the criteria published in EOI, sixty-three (63) institutions were shortlisted out of the one hundred one (101) EOIs received. After careful examination of the EOI submissions, institutions were indexed based on the criteria as per EOI. Among the selected institutions, our college belong to Class B within the district category represented by Department of Economics and in continuation with mentor development programs and review on potential clusters identified for detailed study and diagnostic report preparation by the institution for Chathanoor handloom cluster, **Kollam district**. The work has been started with five students per teacher.

> Dr. P.V. UNNIKRISHNAN MEMBER SECRETARY, KDISC & EX OFFICIO SECRETARY TO GOVERNMENT Planning and Economic Affairs (innovation and Development) Dept.



Dear Madam / Sir.

Sub: Invoice from Mentor institutions (MI) - ODOI Innovation Cluster program -reg

- Ref: 1) EOI to undertake preparation of innovation action plan for MSME cluster development ODOI program dated 15-01-2021 2) Proceedings (15/2021/KDISC dated 22/11/2021) para 7 3) MOU with MI and KDISC dated 08 Dec 2021

As per EOI and MOU submitted by the Institution, KDISC is pleased to award the work on Action plan preparation on the identified MSWE clusters.

In continuation with mentor development programs and review on potential clusters identified for detailed study and diagnostic report preparation by your institution, it is here by requested to submit an invoice towards the exp

The first instalment is 20% of the total sanctioned amount (Rs 91400) will be released on receiving the invoice from the Mentor Institutions.

The details of potential clusters requiring innovation intervention identified and reviewed by the institution for completing the study are provided below.

Name of Institution	Name of cluster	Total Amount Sanctioned (Rs)
Kumbalath Sankupillai Memorial Dewasom Board College, Shasthamcotta	Chatanoor Handloom	457000

The institution(s) should complete the stipulated work adhering to the estimates provided. No further payments shall be made for the work/time spent beyond the estimated amount of days/work. Institution(s) are directed to furnish a statement audited by a charted accountant after completion of the project.

Looking forward to your continued support towards the ODOI program.

Yours Sincerely, Jonniksi strame Dr. P. V. Unnikrishnan

K-DISC

KERALA DEVELOPMENT AND NOVATION STRATEGIC COUNCIL

24 Feb 2022

Lakshmy devi C.S Assistant Professor and HoD Kumbalath Sankupiliai Memorial Dewasom Board College, Shasthamcotta Kollam

+93 473 233





4. Entrepreneur Development Club(E D Club)

The Department of Industries and Commerce, Government of Kerala, in association With Education Department formulated a scheme to set up "Entrepreneurship Development Clubs" in schools and colleges of the State to inculcate "Entrepreneurship Culture", amongst youth and equip them with the skills, techniques and confidence to act as torch-bearers of "Enterprise" for the new generation.

Objectives of the Club are:

- To aware the students about the unlimited development potential of the State and to inculcate entrepreneurial culture in the students .
- To inculcate the basic elements of entrepreneurship such as hard work, honesty, dedication, discipline, integrity, trustworthiness, etc
- To bring in successful entrepreneur and students on a common platform.
- Organize interactive sessions with successful entrepreneurs from outside as well as within the State.
- To motivate members on various dimensions of industry to nurture the latent entrepreneurial talent.

Functions of the Club are:

- To organize workshops/debates, industrial visits to business enterprises within/outside the State.
- To interact with the promotional agencies.





- To expose to national and international events in various parts of the country related to industrial developments.
- To organize Entrepreneurship / Entrepreneur Awareness Programme.
- To familiarise the youths to the latest developments related to the field

The college has an E D Club registered in **District Industries Centre, Kollam.** With

the above focus, the ED Club of K. S. M. D. B. College, Sasthamcotta had planned the following programmes.

Government Schemes for MSMEs

Date 17/07/2021







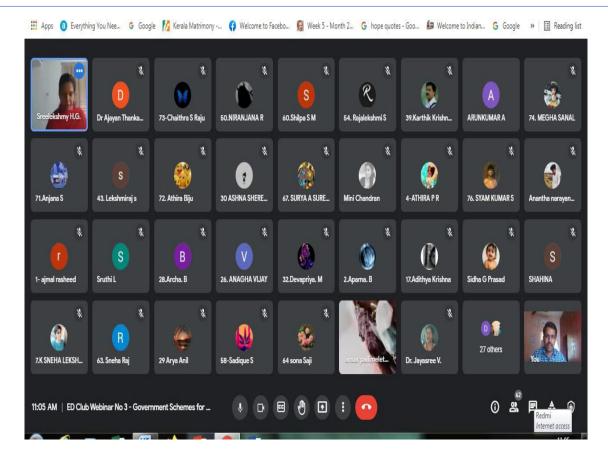
Brief Report

Saturday July 17, 2021 11.am. to 12.30 pm.

ED Club and Research and Post Graduate Department of Commerce, Kumbalathu Sankupillai Memorial Devaswom Board College, Sasthamcotta and District Industries Centre, Kollam jointly organized a webinar entitled 'Government Schemes for MSMEs on 17 July 2021, via Google Meet. Dr.Mini Chandran. C, respected principal inaugurated the function and she shared a few words about entrepreneurship. The previous webinars Be Your Own Boss and Banking Support to entrepreneurs helped students to get the basic know how about entrepreneurships and the challenges faced by them. Dr. Renusree S, Head, Department of Commerce presided over the session and in her presidential address, she had mentioned about the importance of financial supports extended to entrepreneurs. The resource person Ansar P.A., Industrial Extension Officer (Block Panchayath, Sasthamcotta) clearly described the financial facilities available to the Micro Small and Medium organization. The presentation was followed by a question answer session where the queries put forward by participants were clarified by the resource person in detail. The session was well appreciated by the participants by asking questions. More than 65% of the participants are of the view that the resource person was effective and the learning outcome is achieved. Prof. Arunkumar. A, Prof Sanu S J of the Post Graduate and Research Department of Commerce delivered welcome address and vote of thanks respectively.











Be Your Own Boss

Date 04/07/2021

Brief Report

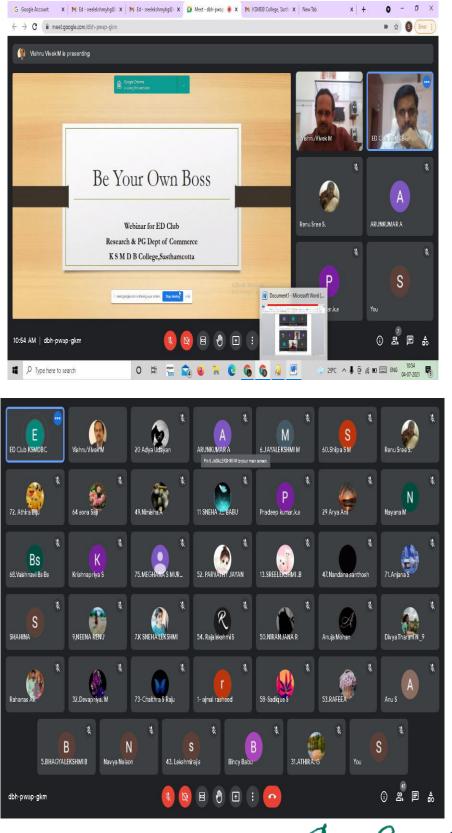
Research and Post Graduate Department of Commerce and ED Club, Kumbalathu Sankupillai Memorial Devaswom Board College, Sasthamcotta, organized an online webinar titled "**Be Your Own Boss**" on 4th July 2021, through Google Meet. Dr. Mini Chandran C, Principal, K S M D B College, inaugurated the session and in the inaugural address, the Principal congratulated the Commerce Departments initiative. Dr. Renusree S., Head of the Department, presided the session and in her presidential address, pointed that the significance of entrepreneurship in the current era. **Industrial Development Officer (Block Panchayath Sasthamkotta), Sri. Ansar P.A.**, had given facilitation to this Webinar. The resource person of **Asian School of Business, Vishnu Vivek. M** shared his experience and also underscored the steps required for starting an entrepreneurship. He ensured the participation of students in the whole session and also familiarised the students to Startup India Mission.

The presentation is followed by an interactive session where the queries put forward by the participants were clarified by the resource person in detail. The session was well appreciated by the participants by asking questions. More than 80% of the participants are of the view that the resource person was effective and the learning outcome was achieved. Prof. Sanu S.J., Prof. Arunkumar. A of the commerce department delivered welcome address and vote of thanks respectively.

Sunday, July 4 · 11 am – 12.:30pm Google Meet joining info Video call link: https://meet.google.com/dbh-pwap-gkm











KUMBALATHU SANKUPILLAI MEMORIAL DEVASWOM BOARD COLLEGE (Reaccredited with 'A' Grade by NAAC) SASTHAMCOTTA, KOLLAM District, KERALA

5. Award for Innovative Research Work

Ms. Dhanya S. R., Assistant Professor, Department of Botany has received the award for Best Paper Presentation for her innovative research work entitled " Effects of Spent Engine oil on soil characteristics and selected hytochemicals in Amaranthus hybrids" in the National Seminar on "Emerging Pollutant in Geosphere : Impact on Environment, Management and Challenges" sponsored by CSIR, New Delhi held during 9th and 10th July 2021 at Malankara Catholic College, Mariagiri, Kanyakumari.





6. Internet voting- Patented mobile internet voting System

Internet voting (i-voting) is an innovative idea whereby e-voting can be successfully accomplished. The voter can cast vote at home. Internet voting would reduce the cost effectively and can be used anywhere globally so that even overseas citizens can assure their participation in voting. A secure mobile internet voting system is designed for this purpose in which QR code and biometric of Aadhar cardis can be simply used for the authentication of the voter. One among the inventors is Dr. K. S. Anil Kumar who was the former Principal of KSM DB College, who is now on deputation as the Registrar, University of Kerala.



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No. of Pages : 12 No. of Claims : 4



The Patent Office Journal No. 38/2021 Dated 17/09/2021



42629



7. Documentation of Invasive Alien Plant Species of Sasthamcotta Lake

Department of Botany has organized a documentation and analysis of **Invasive alien species of Sasthamcotta Lake**, under the supervision of Ms Dhanya S.R, Asst. Professor in Botany. A total number of 15 students of B. Sc Final year participated and got field experience and gained the knowledge of the impact of invasive alien species in the different areas of Sasthamcotta lakeside. A total of 24 species of invasive aliens of the terrestrial vegetation of Sasthamcotta lakeside have been documented. Our field observation and discussion with local people indicate that there are 6 most noxious invasive plant species in this region. Some species such as *Merrimia vitifolia, Mikania micrantha and Chromolaena odorata* are harmful to native species. **This is a first report about the invasive alien**







CER	RTIFICATE
Botany, K.S.M.D.B. College	a S.R., Assistant Professor, Department of Sasthamcotta has assisted Biodiversity Sasthamcotta Grama Panchayat and has
	pact of Invasive Alien Plant species of
Sasthamcotta	President
8/11/2021 Panchayat	Sasthamcotta Grama GEETHA R GEETHA R GEETHA R PRESIDENT SASTHAMCOTTA GRAMA PANCHAYATH

8.Innovative Academic Programmes 8.1. VIRTUOSA-Webinar Series VIRTUOSA 2020

During the Covid-19 Pandemic KSMDB College has organized a webinar series of seven

days duration. It was the first of its kind in the history of our college. The theme was

"Transcending Lockdown Barriers through Academic Outreach". Resource persons were EMORIA





experts from various discipline. The program was inaugurated by Prof. Dr. Sabu Thomas, Vice Chancellor of M. G. University, Kottayam. Hon'ble Higher Education minister Dr. K. T. Jaleel, Travancore Devaswom Board President Adv. Shri. N. Vasu, felicitated the function. There were presentations from eminent scholars in and around Kerala. Average participation of delegates were 160. During the last day of webinar there were a session on "Innovative and best practices in higher educational institutions" by Dr. Suju C. Joseph Assistant Professor, Department of Chemistry, Mar Ivanios College Thiruvananthapuram. The webinar series was concluded with a colourful valedictory session on 20/05/21.





14/05/20 Day 1. Inauguration and Keynote address

https://www.youtube.com/watch?v=ZEqN2AvwxYw&list=PLLNgKKaO2KQyq5PsfmBOPUNG00NzIt5s

N&index=4&t=25s

15/05/20 Day 2. Quantitative analysis of Research Productivity: Role of Journal indexing and Scientometrics

https://youtu.be/1xRcMPkPsIo?list=PLLNgKKaO2KQyq5PsfmBOPUNG00NzIt5sN

16/05/20 Day 3. Environment and Development: A Post Covid perspective

https://youtu.be/wePs8iKfwUQ?list=PLLNgKKaO2KQyq5PsfmBOPUNG00NzIt5sN

17/05/20 Day 4. Outcome based restructuring of syllabus

https://youtu.be/gR1vion8F3E?list=PLLNgKKaO2KQyq5PsfmBOPUNG00NzIt5sN

18/05/20 Day 5. Decoding to Digital Education in post Covid 19

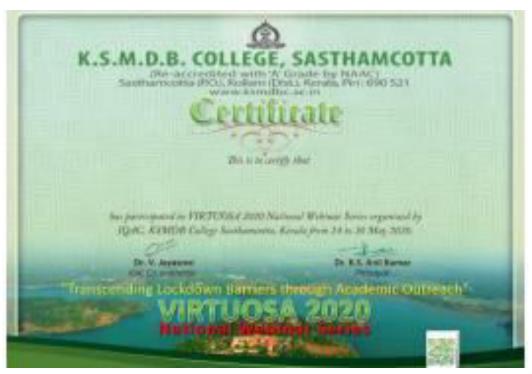
https://youtu.be/3dlcDNHAY2o?list=PLLNgKKaO2KQyq5PsfmBOPUNG00NzIt5sN

19/05/2020 Day 6. Post Covid 19: world order

https://youtu.be/qgxl3ea83vM?list=PLLNgKKaO2KQyq5PsfmBOPUNG00NzIt5sN20/05/20

Day 7. Innovative and best practices in higher educationalnstitutions

https://youtu.be/cJvNLAE7DSU?list=PLLNgKKaO2KQyq5PsfmBOPUNG00NzIt5sN









World Environment Day

Date 05/06/2021



Brief Report

The Biodiversity Club and Department of Botany jointly organized one day webinar on the topic "Mysterious Flora and Fauna of my blue planet" on 5th June 2021 in connection with World Environment day celebration through Google meet platform. The formal inauguration of the Webinar was done by Dr. Mini Chandran.C, Principal, K.S.M.D.B College. The inaugural session was started with prayer followed by welcome address by Smt. Dhanya S. R, Coordinator, Biodiversity club. She explained the theme of World Environment



Day 2021. Dr. Geethakrishnan Nair.P, HOD, Department of Botany delivered the presidential address. In the inaugural speech, Dr. Mini Chandran.C ,Principal, K.S.M.D.B College mentioned the importance of conservation wetland ecosystem. The Key note address was delivered by **Dr. Beena Lawrence, Associate Professor, Department of Botany, Women's Christian College, Tamil Nadu** and she spoke about mysterious flora and created awareness on conservation. Dr. Jayasree .V , IQAC Coordinator offered felicitation to the Webinar . Dr. Deepa.S, DBT STAR coordinator also delivered felicitation to the Webinar. Vote thanks delivered by Smt. Lekshmy Sreekumar. Around 100 participants comprising a blend of students, Research Scholars and faculties from various institutions attended the webinar from various parts of South India.

International Webinar on Recent trends in Applied Mathematics







The main objective of this five day workshop is to bring together the Experts, Faculty Members, Scientists, Research Scholars, PG students from Universities, Colleges, Scientific Organizations, and other Institutions of Higher Education from all over the country to discuss the recent trends and developments in the broad topics of the applied Mathematics and to promote exchange of ideas in various applications of mathematics in science and engineering. This workshop would provide an opportunity to young researchers to learn the current state of research & techniques.

Brief Report

Day 1: <u>A Gentle Introduction to Computational Complexity Theory - Revealing the Limits of</u> <u>Algorithms</u> Resource Person: Dr. Sharma Thankachan, Assistant Professor, Dept. of Computer Science, University of Central Florida, Orlando.

Google Meet link: <u>https://meet.google.com/koq-sugf-nru</u>

The resource person explained how Complexity theory could be useful in determining the

unsolvable problems. He also covered some interesting topics in area, including the famous

"P vs. NP" problem.





Day 2: <u>Batch Codes for Cloud Storage: an Overview</u>

Resource Person: Dr. Fr. Eldho K Thomas, Assistant Professor, Department of Mathematics, Newman College, Thodupuzha, Former research fellow in National University of Singapore and University of Tartu, Estonia.

Google Meet link: https://meet.google.com/xxr-wzmr-kmk

In the present talk, the speaker had introduced traditional batch codes, asynchronous batch codes, their properties, and coding bounds. In addition, he had discussed about two related families of codes called locally repairable codes (LRC) and codes for private information retrieval (PIR) which are extensively studied over the past few years. The talk was very informative and the audience got an overview of the above mentioned codes, their connections, and some potential applications in cloud storage.

Day 3: Artificial Intelligence and Influence of Mathematics

Resource Person: Dr. Tessy Mathew, Associate Professor & Head, Department of Computer Science and Engineering, Mar Baselios College of Engineering and Technology,

Thiruvananthapuram.

Google Meet link: <u>https://meet.google.com/qnr-wgnw-net</u>

The resource person discussed the importance of Artificial intelligence in various field and sub areas and also about the ways n which it van be useful to create an acceptable model for human understanding. The talk also illustrated how Mathematics can enhance analytical thinking skills which are vital in Artificial intelligence and also its applicability to solve challenging deep abstract problems using traditional methods and techniques encompassing various fields such as Linear Algebra, Calculus, game theory, Probability, statistics, advanced logistic regressions, and Gradient Descent etc.





Day 4: Discrete Mathematics and Some of its Applications

_Resource Person: Dr. Sajith P, Assistant Professor, Department of Mathematics, BITS Pilani, Hyderabad Campus

Google Meet link: https://meet.google.com/koq-sugf-nru

The presentation discussed basic ideas of Discrete Mathematics and its relation with other areas in Mathematics, mainly Linear algebra and Abstract Algebra. Some important applications in computer science and signal processing (coding theory) were also discussed. The current discussion also included discussion of a typical Mathematics researcher's interests and challenges in this field.

Day 5: Principal Component Analysis

_Resource Person: Prof. Joseph Cheriyan, Professor & Head, Dept of Mathematics, Mar Baselios College of Engineering and Technology, Thiruvananthapuram, (Former Head, Dept of Mathematics, Govt Engineering College, Thiruvananthapuram)

Google Meet link: https://meet.google.com/qjy-dicc-qcb

Large data sets are increasingly used in many areas like image compression, computer vision, machine learning, finance, climate change etc. The large dimension of these data sets and the interdependence of various features in the data make it difficult to interpret and extracting useful information. The idea of Principal Component Analysis is to reduce the dimensionality of a dataset while preserving as much variability as possible. This means that a new set of uncorrelated variables are found that are linear combinations of those in the original data set that successively maximize the variance. In Principal Component Analysis, many ideas in Linear Algebra like orthogonal diagonalization, linear transformation, orthogonal projection, etc. are needed.





8.2. VIRTUOSA – FDP

Faulty Development Programme Towards a Digital Era of Teaching Learning

Dates	12/08/2020 to	
	18/08/2020	

The Covid-19 induced pandemic has forced to switch over to online teaching and learning. The universities and its teachers are grappling with enforced online teaching . With this the teaching fraternity has begun to face myriad challenges in the use of e-learning resources with professionalism. In this backdrop, IQAC of KSMDB College has designed various academic outreach to transcend the lock down barriers. In this regard, our College organised a one week Online Faculty Development Programme under the rubric **"Towards a Digital Era of Teaching and Learning"** in collaboration with **Human Resource Development Centre of the University of Kerala.** This programme was designed to familiarise teachers from different colleges and universities across the country with the different components of information technology for effective teaching and learning. The course was offered through moodle platform and the link shared via telegram. There were 1009 participants in this one week long programme.







The topics covered

- Understanding online education and various LMS platforms
- Acquiring e-learning skills which can help in delivering online classroom sessions effectively
- Moodie platform in detail
- Digital tools which help in developing e-content

After successful completion of the programme, the participants were able to:

- Create interactive e-content for their discipline
- Conduct online classroom sessions with time-bound assessment mechanism
- Utilize time-saving extensions for better organisation of e-content.







9. Be to the Point: Enhancing Creativity and sharpening Communication Skills

9.1. Department of Sanskrit

Two week celebration of Sanskrit Day

Dates	03/08/2020 to
	14/08/2020



Brief Report

Department of Sanskrit has been able to turn the Sanskrit Day celebration on the full moon day of the month Sravana into a two - week event called **Samskritaganga-2020** from 03 rd to 16 th August 2020. In the midst of the spread of the Covid-19 pandemic, the programmes were broadcasted through the Department's official Facebook group and





Youtube channel- **Samskritajyoti**. All the programs were focused entirely on Sanskrit language and under two sections viz., *Subhāşita-mañjari* and *Viśva-samskṛta* Sanskrit programmes such as rendering of *Subhāşita, Sandeśa-kathana, Samskṛta gānālāpana* and *Akşaraśloka-pathadarśini* were performed. The Department also received good responses from audiences inside and outside the college.

https://www.youtube.com/playlist?list=PLd2Eroah7Us7guou3Izi7nx6yWFx7EI9K

Ramayana Sudha

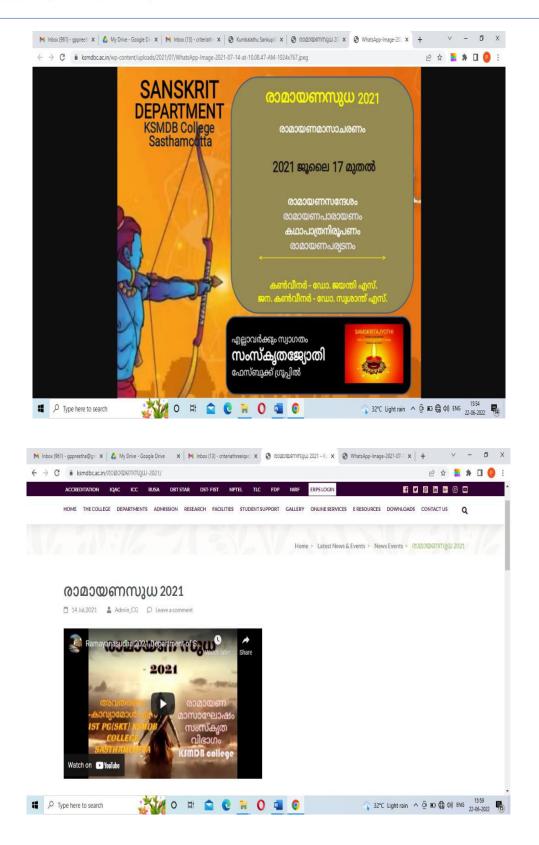
Brief Report

Karkkidakam, the last month of Malayalam calendar has much significance in Kerala, both culturally and historically. In the past, majority of people depended on agriculture and the monsoon was at its peak during this month of extreme scarcity. It was customary to recite the epic Ramayana in homes and temples during this month all for 31 days. Ramayana recitation during this time was considered as an auspicious practice that would ensure the well being of the individual and the society. As this tradition carries on to the present time, it helps purifying the mind and sanitizing the illness of body, which in turn results spiritual purification of body and mind. In this context, our Department of Sanskrit has formulated an innovative approach named as **' Ramayanasudha'** encompassing the annals by the recitation of Adhyatma Ramayana, exploration of Ramayana, critical evaluation of the characters in this epic and the message of Ramayana through the face book group 'Samskrita Jyothy' of the department.









https://www.youtube.com/watch?v=Ea7ndxj2ntA







SAMSKRITAVAHINI - Intervention to enhance communicative skills in Sanskrit language mediated through WhatsApp.

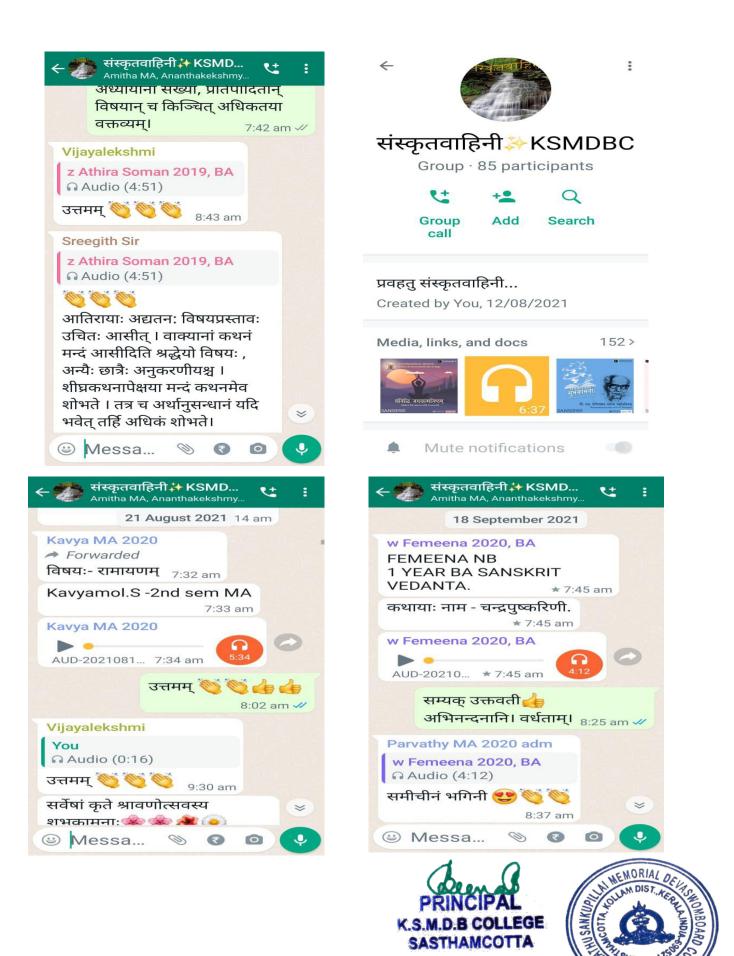
Brief Report

As part of the world Sanskrit day celebration in 2021, the department of Sanskrit has put a step forward to a new beginning. It was the creation of Samskritavahini WhatsApp group. The group was started on 12.08.2021 by Dr.Susmi Sabu, Assistant Professor, Department of Sanskrit with the intention to enhance communicative skills of Students in Sanskrit language especially for the regular students of the Department of Sanskrit. Every member of faculty is an admin of the group. From 20.8.2021, on the world sanskrit day- the auspicious sravana purnima day- samskritavahini whatsapp group started functioning.

Every Saturday, one of the Students from UG or PG posts an audio clip in the group. The audio will contain a short speech on a topic such as famous treatise, famous author, Sanskrit story, etc. Five minute long audio is prepared by the students themselves. Each and every student of the Department is free to be a part of Samskritavahini. Thus students can be get enough opportunity to enhance their skills to listen to Sanskrit, to speak and to write in sanskrit. Minor mistakes such as erroneous usage of grammar, pronunciation etc. are corrected by teachers time to time.









https://drive.google.com/drive/folders/1191QnwBdiC1hoOdDuS1A-k6ioxzU4Ffw

9.2. Department of Hindi

Premchand Jayathy

[Date	31/07/202	1
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संचालन रंजू प्रसाद छात्रा - गॅाचवी	छमाही)	(संयोनिक डॉ. ज	थन्या. एल त्र & विभागाण्यशा) यश्री. एस. टी यन आचार्यो

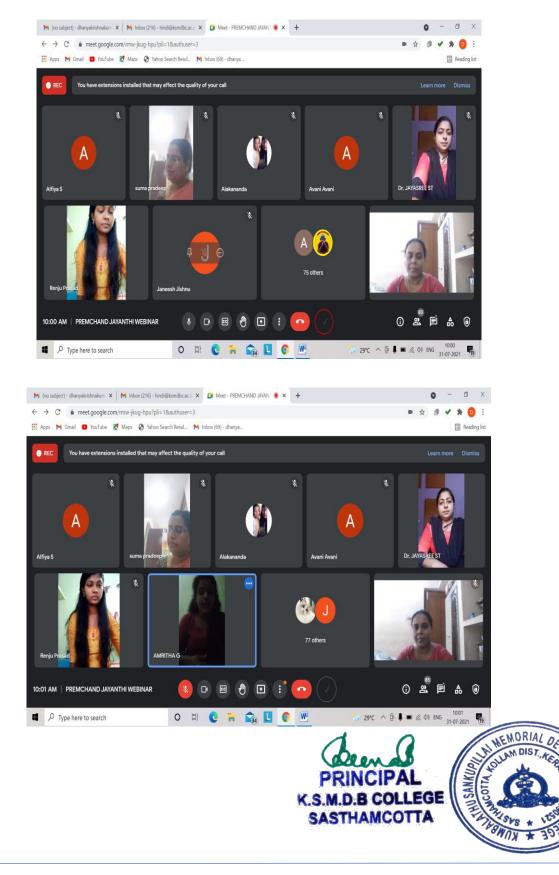
Brief Report

On 31st July ,2021 an invited talk was organized by the Department of Hindi to mark the Premchand Jayanthi . The programme was inaugurated by Dr. Mini Chandran C , our beloved Principal. The resource person was Dr. Suma S , Assistant Professor, Victoria college, Palakkad. There were 89 participants attended the talk. Dr. Dhanya L, Assistant Professor and Head was the convenor of the event. Six papers were presented in the seminar





related to the topic 'Premchand Kadha Sahitya'. Of these, three papers were presented by students from Department of Hindi, namely, Swaliha N., Meenakshi B. and Parvathy J. S.







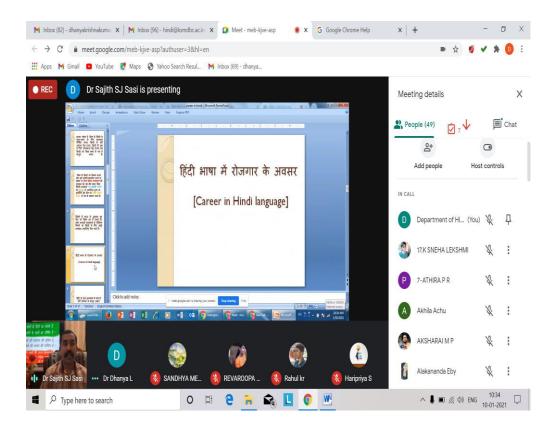
On the occasion of World Hindi Day, Department of Hindi organised an invited talk on the topic 'Rashtrabhasha Hindi evam Rozgar '. Dr. Sajith J Sasi, Assistant Professor and head, S. College, Varkala was the speaker. Dr. Sandhya Menon was the convenor of the programme. Dr. K. S. Anilkumar, Principal inaugurated this online mode programme. Dr. Dhanya L, Assistant Professor and Head chaired the program. The speaker discussed about





Rashtrabhasha Hindi evam Rozgar. There was an active participation of about 82 students .

Dr. Shibina delivered the welcome speech . Dr. Jayasree S T concluded the programme with vote of thanks.



International Webinar: Videshon meim Bharatiya Sanskriti

Dates	18/09/2020 to
	19/09/2020

Brief Report

An international webinar to explore the essence of Indian Culture Abroad was conducted jointly by the Department of Hindi, K. S. M. D. B. College, Sasthamcotta and Pusthaka Bharati, Canada on the topic ' **Videshon meim Bharatiya Sanskriti**' on 18th and 19th September 2020. The webinar was inaugurated by Dr. K. S. Anil Kumar, Principal, and the set of the se

PRINCIPAL K.S.M.D.B COLLEGE SASTHAMCOTTA

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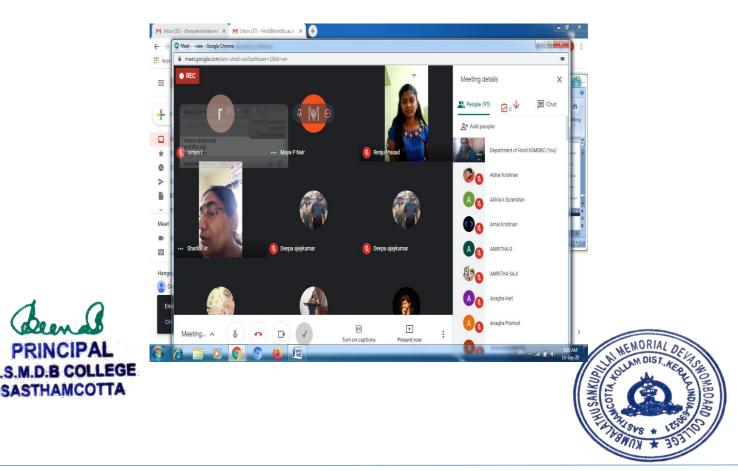
KSMDB College, Sasthamcotta. The resource persons of the webinar were Dr. Ratnakar Narale, Professor, University of Ryerson, Dr. Hemaraj Soonder, Former Head, Mahatma Gandhi Institute, Dr. S. Thankamani Amma, Former Professor and Dean, University of Kerala and Dr. Rakesh, Secretary, Pustak Bharati.



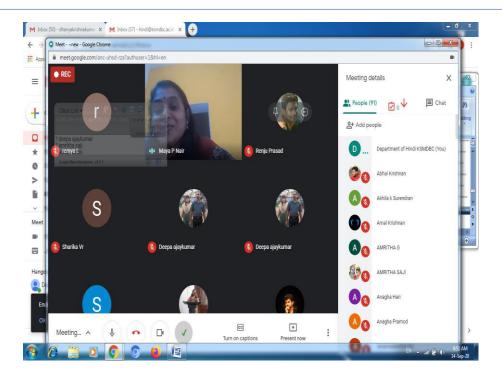




Dr. Dhanya L, Assistant Professor and Head, Department of Hindi, K. S. M. D. B. College, Sasthamcotta , convened a seminar with joint participation of the Departments of Hindi of all the four colleges managed by Travancore Devaswom Board, D.B. College, Thalayolaparambu , D.B. College , Pampa, K. S. M. D. B. College, Sasthamcotta and Sree Ayyappa College , Eramallikara to observe the Hindi Day . Dr. Dhanya L., Assistant Professor and Head, K.S.M.D.B. College Sasthamcotta , delivered the welcomed all the participants. Dr. Maya P Nair , Associate professor , D.B. College , Thalayolaparambu , Dr. Sharika V. R, Associate Professor, D.B. College, Thalayolaparambu, Dr. Deepa Kumari, Assistant Professor, D.B. College , Thalayolaparambu, Dr. Savitha Pramod, Assistant Professor, D.B. College , Pampa, Dr. Remya L, Assistant Professor, Sree Ayyappa College , Eramallikara had given wonderful talks. More than 100 students participated in this wonderful event. Dr. Jayasree S T , Assistant Professor, K.S.M.D.B. College, Sasthamcotta

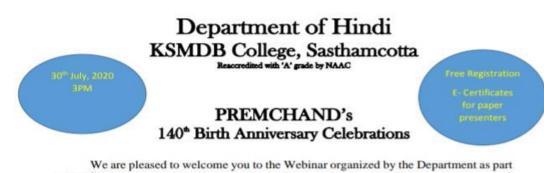






Premchand Jayanthy

Date	30/07/2020
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We are pleased to welcome you to the Webinar organized by the Department as part of 140th Birth Anniversary Celebrations of Premchand- the great Hindi novelist on 30th July, 2020, 3PM. The webinar will have a special lecture on Premchand's contributions by Dr. P Letha, noted Hindi writer; followed by paper presentations by the participants. The webinar will be inaugurated by our Principal Dr. K. S. Anilkumar. E-certificates will be distributed to paper presenters.

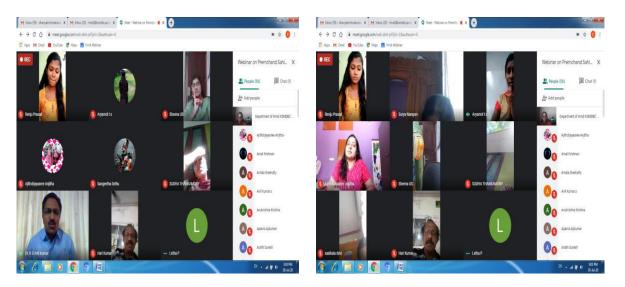


Dr. Dhanya L. Head of the Department 9747053497 dhanyal@ksmdbc.ac.in





A webinar was organized by the Department of Hindi on the occasion of the 140th birth anniversary celebration of Premchand, the great Hindi novelist on 30th July 2020. The Principal Dr. Anil Kumar K.S. inauguratd this event. Dr. Dhanya L., Assistant Professor and Head presided over the Noted Hindi writer, Dr. P. Letha delivered a special invited talk. There were fifty six participants for this webinar. Eight students presented papers on the topic "Kathakar Premchand and e-certificate were also distributed to those presented papers in this webinar.



9.3. Department of Malayalam Katha Vaayana - Story reading for the community (Using YouTube Channel)

Brief Report

Department of Malayalam had initiated an innovation activity named 'Katha Vaayana' (Reading Stories) through their youtube channel. Through this programme,





various stories included in the text Book for Malayalam prescribed for the B.A. and B.Sc. students of University of Kerala were read for the community. About 14 students participated in this programme.

Link : https://www.youtube.com/channel/UC_ZuYH8lLnBpAGtWeoLawMQ



The youtube video class on 'Malayala Saakunthalam' had more than 20,000 views. https://www.youtube.com/watch?v=YvZOmrlZZKs

Thanathunadaka vediyude Samakala Prasakthy

Date 22/06/2021

Brief Report

Department of Malayalam in association with the Taluk Library Council, Kunnathoor

organised a seminar to commemorate the birth anniversary of Prof. G. Sankara Pilla, was and



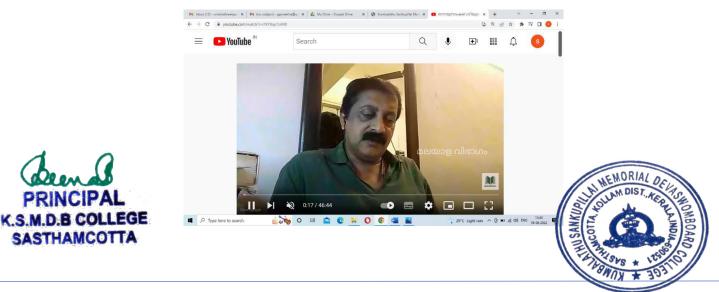




Indian playwright, literary critic, and director, known to be one of the pioneers of modern Malayalam theatre and a proponent of total theatre. The programme was inaugurated by Dr. Mini Chandran C., Principal, K.S.M.D.B.College. The key note address on the topic "Current Relevance of Folk Theatre" was by Dr. Raja Warrier, Director, Centre for



Performing and Visual Arts, University of Kerala, Thiruvananthapuram. He mentioned about the contributions of Prof. Sankara Pillai for the upliftment of the folk theatre. He had explained the relevance of folk theatre with international perspective.



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9.4.Literacy Club Kavitha- Kaalam, Samooham

Date 26/09/2020



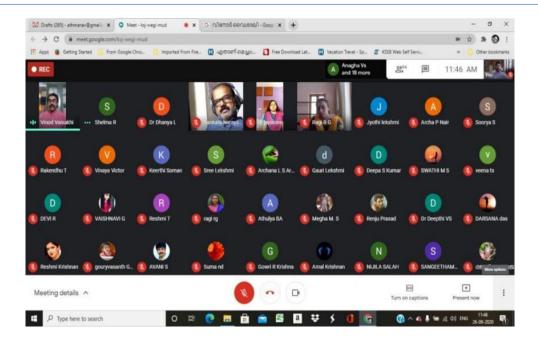
Brief Report

Literacy club, KSMDB College organised a webinar on the topic: **Kavitha: Kaalam**, **Samooham**. Joint convener of the club, Prof. Raagi R. G. welcomed all the dignitaries and participants to the event. The webinar was inaugurated by Dr. K. S. Anil Kumar, Principal, K. S. M. D. B. College, Sasthamcotta. Heads of the various language departments of the college offered felicitations. Noted Poet, Teacher and Vice Chairman, Vyloppilli Sanskriti Bhavan, Vinod Vaishakhy was the chief guest. Ms. Deepa S. Kumar proposed vote of

thanks. There were 95 students as participants in this event.







9.5. Department of English Theoria 2020

Brief Report

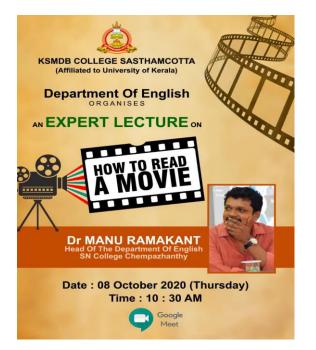
P G Department of English, in association with AELSA (Association for English Literature Students Activities) and the Seminar Committee jointly organized an Online Lecture Series titled "THEORIA 2020" bringing together eminent personalities from diverse fields of literature, addressing issues from areas like Film, Theatre, Comparative Literature and Literary theory in October 2020 through Google Meet, providing an opportunity for students and faculty to learn from the best minds in the field.







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Reaccredited with A-Gr	B COLLEGE SAS ade by NAAC (Affilia iraduate Departme	ated to the University of Kerala)
Dear all	EORÍA	2020
"Theoria 2020" in October bringing Addressing issues from areas like	together eminent p Film, Theatre, Comp	aencotta organises an online lecture series ersonalities from diverse fields of literature. Jarative Literature and Literary Theory, this listen and learn from the best minds in the field.
	Day 1 Resource Person Topic Date Time	: Dr Manu Remakant (Head, Dept of English, SN College Chempazhanthy) : How to Read a Movie : Thursday, 08 October 2020 : 10:30am
	Day 2 Resource Person Topic Date Time	 Prof. M K Sanu (Writer & Critic) Natakavicharam : Reflections on Theatre Monday, 12 October 2020 10:30am
	Day 3 Resource Person Topic Date Time	: Prof. K. Satchidanandan (Writer & Critic) : Indian Literature : A Comparative Perspective : Saturday, 21 October 2020 : 10:30am
	Day 4 Resource person Topic Date Time	: prof. p hari krishna (romer Head. Dept of english, MSS College, pandalam) : anthropocene, climate, history : ruminations of an aesthete : wednesday, 28 october 2020 : 10:30 am
		All are invited
With regards Dr K S Anil Kumar Principal		Prof. K R Sankaranarayanan Head, Dept of English
Asst Prof. Parvathi S Coordinator, Seminar co	ommittee	Organising Committee Dr Sushil Kumar R Asst Prof. Sunrima KV Dr. Malini Murali



08.10	0.2020 @ 10:30 am
Welcome Speech	: Prof.K.R Sankaranarayanan (Head, Dept. of English)
Presidential Address	: Dr.K.S Anil Kumar (Principal, KSMDBC)
Introducing the Chief Gue	est : Dr. Sushil Kumar. R (Asso. Prof. of English)
Expert Lecture	: Dr. Manu Remakant (Head, Dept. of English SN College, Chempazhanthy)
Vote of Thanks	: Miss. Aleena Mariam Jose (Secretary, AELSA, Dept. of English)







Date	08/10/2020
Programme	Webinar Series Theoria: How to
	Read a Movie

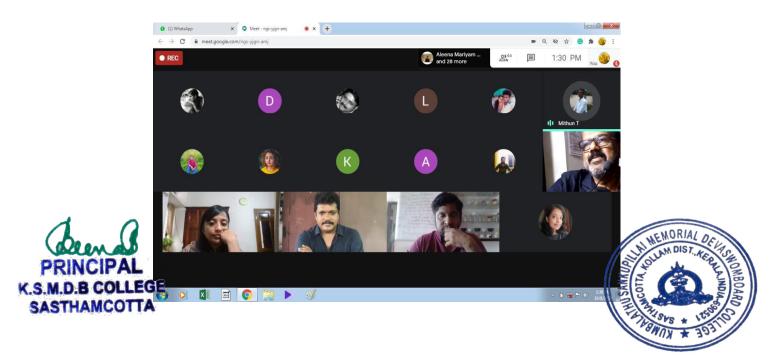
DAY 1: 08 OCTOBER 2020

Topic: "HOW TO READ A MOVIE"

Resource person: Dr. Manu Ramakant (Associate Professor and Head, Dept. of English, SN

College, Chempazhanthy).

The Online Lecture Series began on 8th October 2020 at 10:30am with Professor K R Sankaranarayanan officially welcoming the dignitaries on and off the dais. Dr. KS Anil Kumar, Principal, KSMDB College, Sasthamcotta presided over the meeting and Dr. Sushil Kumar R introduced the chief guest Dr. Manu Ramakant, Associate Professor and Head, Dept. of English, SN College, Chempazhanthy. In his lecture on the topic How to Read a Movie, Dr. Manu Ramakant discussed in detail the origin and development of film, language of cinema and its diferrent techniques to capture the attention of the audience. It was followed by a fruitful interactive session. The meet ended with Miss Aleena Mariam Jose, Secretary, AELSA proposing vote of thanks.





Date	Programme
12/10/2020	Webinar Series Theoria:
	Natakavicharam: Reflections on
	Theatre"

DAY 2 : 12 OCTOBER 2020

Topic: *"NATAKAVICHARAM*: REFLECTIONS ON THEATRE" Resource Peron: Prof. M. K. Sanu (Writer and Critic)

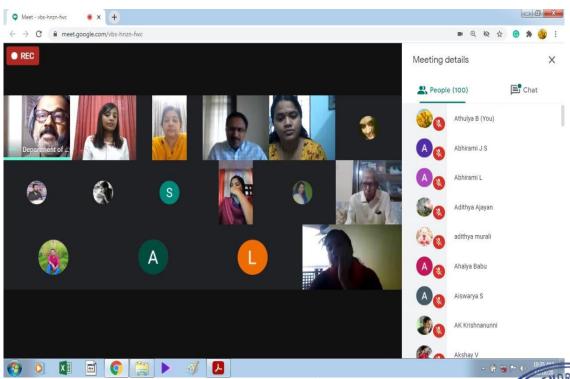
The second session of the Online Lecture Series was on 12th October 2020. It began at 10:30am with Professor K R Sankaranarayanan welcoming the dignitaries on and off the dais. Dr. KS Anil Kumar, Principal, KSMDB College, Sasthamcotta presided over the meeting. Prof. MK Sanu, eminent writer and critic, poured his musings on theatre, especially on Indian theatre. It was followed by a fruitful interactive session. The meet ended with Mr. A K Krishnanunni, final year BA student proposing vote of thanks.

















Date	ate Programme	
21/10/2020	Webinar Series Theoria:	Indian
	Literature: A Comparative	
	Perspective	



DAY 3: 21 OCTOBER 2020

Topic: "INDIAN LITERATURE: A COMPARATIVE PERSPECTIVE"

Resource person: Prof. K Satchidanandan (Writer and Critic)

The third session of the Online Lecture Series was on 21stOctober 2020. It began at

10:30am with Professor K R Sankaranarayanan welcoming the dignitaries on and off the dais.







Dr. KS Anil Kumar, Principal, KSMDB College, Sasthamcotta presided over the meeting. Prof. K Satchidanandan, eminent writer and critic, spoke eloquently overIndian literature comparing and contrasting it with the world literature. It was followed by a fertile communication with the students. The meet ended with Mr. Miss. Athulya B, final year BA student proposing vote of thanks.



Date	Programme
28/10/2020	Webinar Series Theoria:
	Anthropocene, Climate, History:
	Ruminations of an Aesthete

Brief Report

DAY 4: 28 OCTOBER 2020

Topic: "ANTHROPOCENE, CLIMATE, HISTORY: RUMINATIONS OF AN

AESTHETE"

Resource person: **Prof. P Hari Krishna** (Former Head, Dept. of English, NSS College, Pandalam.







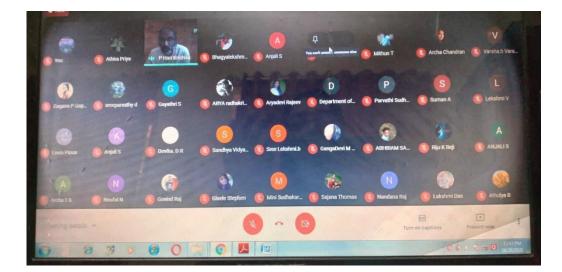


The fourth session of the Online Lecture Series was on 28th October 2020. It began at 10:30am with Professor K R Sankaranarayanan welcoming the dignitaries on and off the dais. Dr. KS Anil Kumar, Principal, KSMDB College, Sasthamcotta presided over the meeting. Prof. P Harikrishna(Former Head, Dept. of English, NSS College, Pandalam). He lectured on the topic "Anthropocene, Climate, History: Ruminations of an Aesthete" focusing on the works of Deepesh Chakraborty.It was followed by a productive discussion with the students. The meet ended with Asst.Prof. Parvathi S, (Convener, Seminar Committee) proposing vote of thanks.









10. Inspiring Innovation: Nobel Laurate Jean-Marie Lehn in an interactive session

International Conference: Emerging trends in Computational and materials Chemistry (ICMMR – 20)

Most teachers and students worldwide often have little chance to meet Nobel Laureates, let alone the opportunity to interact with them. In such a situation, Department of Chemistry and Polymer Chemistry took an innovative initiative to evolve a platform for teachers and students to interact with a Nobel laurate. For this, an emerging field of indisputable current relevance in the pandemic era, Computational and materials chemistry and the Nobel Laurate in Chemistry in the year 1987, Prof. Jean- Marie Lehn was invited and he had inaugurated the international conference Emerging trends in Computational and materials chemistry (ICMMR – 20) and delivered the key note address. He had interacted







SASTHAMCOTTA, KOLLAM District, KERALA with the students and had a mutual exchange of ideas. He clarified the doubts of the participants. He also answered the questions raised by the participants. The session was very

inspiring and informative.





Sankunillai Me rd (KSMDB) ning was on three sides by the fa recognized Ramsar site. The college offers 17 ng of support to sci

ABOUT THE DEPARTMENT

ABOUT THE DEPART INTERVI The Research and Post Graduate Department of Chemistry and Polymer Chemistry embarked on its long journey to gloy during the academic year 1684-1695 with two teachers as staff imparting instructions in chemistry to the pre-degree students of groups I and II. The department was upgraded to degree level with Chemistry as an optional main in the year 1798-1890. In addition to BS. Chemistry, BS. Ch

ABOUT THE CONFERENCE

The Organizing Committee of Research and P.G. Department of Chemistry & Polymer Chemistry K.S.M.D.B.College is pleased to invite participants from all over the world to take part in this international conference on "Energing Tends in Computational and Materials Chemistry Research". This international conference conference almost constrained and the straic Exploration and Materials Chemistry Research "This international conference aims to provide a forum for researchers from various areas of Materials Chemistry. Medicinal Chemistry and Computational Chemistry to present the latest cutting-dige research findings and share their experimens and research outcomes of interdiscipating research. Each association of the conference will include experimens and presentations and discussions on computational and materials chemistry research.











11. Inspiring Innovation through Creative Thinking (IICT) An innovative approach to spread and inculcate National integration – Department of Economics

Organization of important national/international days are spreading general awareness, nurturing the talents and inculcating innovative ideas of National integration among the students. In this stance, c. Department of Economics set up a new innovative model by making youtube video by a student on the particular day of observance both national and international.

SI.	Date	Name of	Link
No.		Programme	
1	07/12/2021	Observation of	https://drive.google.com/file/d/1Qf6h3pDdYMHtas
		Malala day	PtvSEUvrb64y2wlAi0/view?usp=sharing
2	07/11/2021	Population day	https://drive.google.com/file/d/1LdrWgJsOSVBdEr
			x2b8Q8wSUHfPS8I-AT/view?usp=sharing
3	02/10/2021	Observation of	https://drive.google.com/file/d/1EVnm8-
		Gandhi jayanthi	H3vyyiBOJ592syZPxGeUkkzPa8/view
4	15/08/2021	Observation of	https://drive.google.com/file/d/16OrxzyEDfWzZQV
		Independence	<pre>qcf-AkoObect-DmFBy/view?usp=sharing</pre>
		day	
5	25/07/2021	Observation of	https://drive.google.com/file/d/1NiWAXiz9Y0qkcq
		National	2rfuiz- vTHcYsfwc6/view?usp=sharing
		Parent's day	
6	21/07/2021	Chandra din	https://drive.google.com/file/d/1-tT-
			65M4BvMOfxyWS69HCeX1uyVwH5Cj/view?usp=sh
			aring
7	18/07/2021	Observation of	https://drive.google.com/file/d/1YVBC25wK9bvbQ
		Nelson Mandela	L9SdaYhw0tSJHSi66nU/view?usp=sharing
		day	

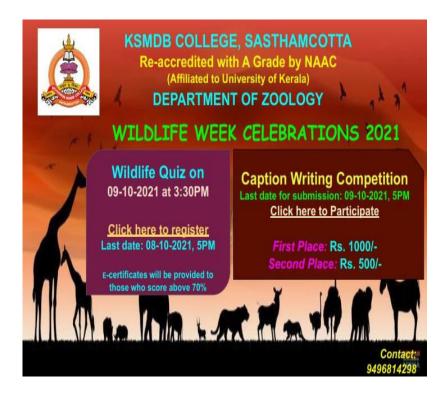






World Wildlife Week Celebrations 2021

Date 09/10/2021



Brief Report

Department of Zoology observed World Wildlife week by conducting an online wild life quiz and a caption writing competition on 9th October 2021. Total of 26 students participated in quiz competition and 8 students participated in the caption writing competition.

Intercollegiate e-poster competition on Impact of Covid 19 Pandemic on Environment









Department of Zoology, in association with the Health Education club observed World Environment Day 2021 by organizing an intercollegiate e - poster competition with an innovative theme: Impact of COVID -19 Pandemic on Environment on 8th June 2021at 4pm. Nine posters were short- listed and considered for evaluation. The first place (Cash prize worth Rs 1000/- was secured by Sandra S Kumar, III year B.Sc. Zoology Student of KSMDB College Sasthamcotta. The second place (Rs. 500/-each) was shared by two students namely Bhavya Sasikumar, S2 Zoology, BJM College, Chavara and Pournami P., S5 Botany, KSM DB College Sasthamcotta.

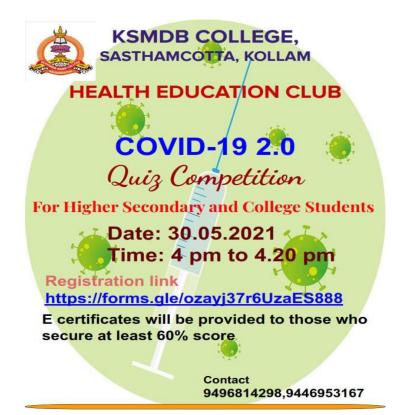






Covid -19 2.0 Quiz Competition

Date 30/05/2021



Brief Report

Health Education Club organized a Quiz competition for higher secondary and college students on 30.05 2021 @ 4pm. There were 57 participants from various schools and colleges all over Kerala to attended the quiz and over 30 students qualified and received their e certificates. (a score of 60% and above) in their registered emails. Around 100 students from various departments participated in this event.







12. Meet the experts- Academic enrichments by the Departments and Clubs

a) Academic enrichments by the Departments

Seminar cum Training on Apiculture and Exhibition of Bee products

KSMDB COLLEGE, SASTHAMCOTTA Re-accredited with A-Grade by NAAC	Programme Schedule 15/12/2021 @ 10am Prayer: Parvathy S and Ardra Mohan (S3, B.Sc Zoology)	
(Affiliated to University of Kerala) DBT-STAR COLLEGE SCHEME	Welcome Address: Dr. Manju M (Asst. Prof., Dept of Zoology)	
DEPARTMENT OF ZOOLOGY	Presidential Address: Dr. Mini Chandran C (HOD, Dept of Zoology)	
SEMINAR CUM TRAINING ON APICULTURE AND EXHIBITION OF BEE PRODUCTS	Inauguration: Dr B. Benne (Principal & Professor)	
	Invited Lectures	
Resource Persons On 15 th December 2021	Speaker 1: Sri. Sunil B (Regional Manager, Horticorp)	
Sri Sunil B Regional Manager Time: 10:00AM	Speaker 2: Sri. Benny Danial (Programme Officer, Horticorp)	
Horticorp Sri Benny Danial	Felicitation: Dr. Deepa S (Convenor, DBT-STAR College Scher	me)
Programme Officer Horticorp	Vote of Thanks: Barakathullah S.N (S3, B.Sc Zoology	

Brief Report

The programme was organised under the DBT-STAR scheme. Dr. Manju M., Assistant Professor, department of Zoology welcomed the dignitaries and participants. Dr. Mini Chandran, Head, Department of Zoology presided over the function which was inaugurated by Dr. B. Beena, Principal, K. S. M. D. B. College. In his inaugural address she had underscored the importance of hands on training sessions offered to students in the advanced fields. The speakers Sri Sunil B, Regional manager, Horticorp and Sri Benny Daniel,







Programme Officer, Horticorp delivered lectures pertaining to the scope of apiculture, and the recent trends. After this, a training session was conducted for the participant where the students were exposed to the various aspects of apiculture. Participants were actively interacted and well motivated. An exhibition of the various bee products were also conducted which was well appreciated by the staff of the college.



Observation of Reading Week: Is Reading Declining?

Date 22/06/2021

Brief Report

Kerala Literacy Mission Club with Department of Hindi, K. S. M, D. B. College

organised a reading paralysis programme based on the topic "Vayana thalarunno?" on



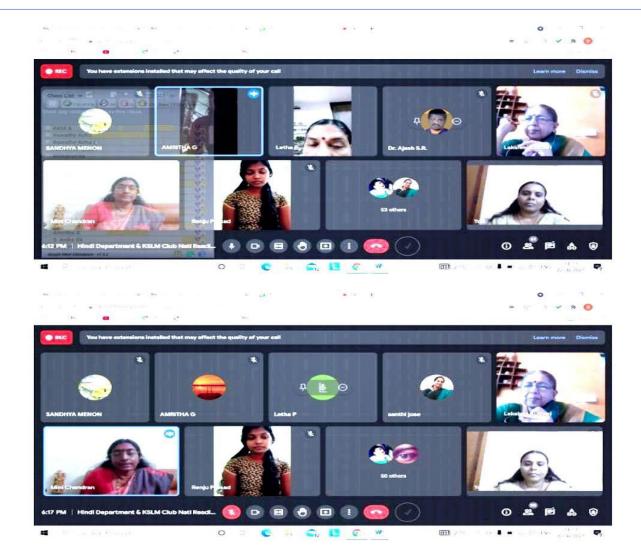


22/06/2021. The programme was inaugurated by Dr. Mini Chandran C, Principal, K. S. M, D. B. College and the key note address was given by the chief guest Prof. B. Lekshmi Kumari, Retired Selection Grade Lecturer, Department of Malayalam, Govt. Women's College, Thiruvananthapuram. More than 100 students participated in this webinar.

K	UMBALATHU SANKUPILLA DEVASWOM BOARD CO (Reaccredited with 'A' grade by Sasthamcotta, Kollam, Estd.		
ന്ന ളക്കെ ന	ാക്ഷരതാമിഷൻ കല്ബും ഹിന്ദിവ്രിള യംഘടിപ്പിക്കുന്ന വായനാപക്ഷാചര	യന്നും സായുഭതമ ബഹരിപ്പാടി	ාමා
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3	മുബ്യാനിഗി നപ്രിവ. ണി ലന്സ്മി നുമാനി (രിട്ട. സെലക്ഷൻ ഗ്രേഡ് ലക്ചറർ മലയാളം ഡിഷാർട്ടുമെന്റ്, വിമൻസ് കോളേജ്, തിരുവനന്തപുരം)		06/2021 00 pm
പോഗ്രാം കൺവീനർ	വോ. ധന്യ എൽ (ഹിന്ദി വിഭാഗം മേധാവി & കൺവീനർ സാക്ഷരതമ്മിഷൻ ജബ്)		
ക്ലബ് കോ കൺവിനേഴ്സ് *	കണ്ണുവിന്ന് സാക്ഷരേയമിഷന്ദ ജബ്) പ്രൊഫ. ലിസാ പവിത്രാൻ, ഡിപ്പാർട്ട്മെന്റ് ഡോ. ശാന്തി ജോസ് ഫാക്കൽറ്റി	് • ഡോ. ജയാശ്രീ എന ് (അസി. പ്രൊഫ. ഹിൻ	<mark>ນ. ດີໄ</mark> ງ ປາສະດາວ
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Food Hazards and its Safety

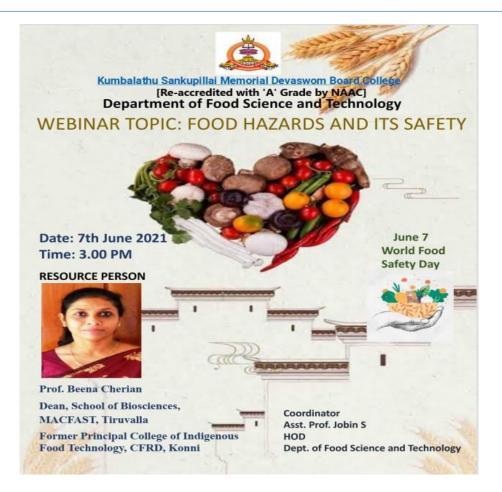
Date 07/06/2021

Brief Report

The food safety was a topic of high concern especially during the pandemic to reach a better understanding of the particularities that led to greater care with food hygiene. There were many efforts to aware the people of our country about the safer foods , the techniques for ensuring quality etc. In this context, The Department of Food Science and Technology







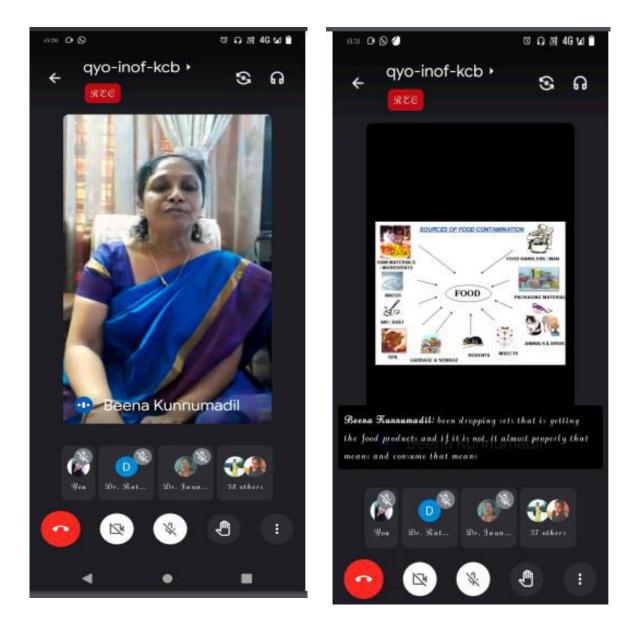
has organised a webinar on with **Prof. Beena Cherian, Dean -School of Bioscience, MACFAST ,Thiruvalla**.as resource person on 7th June 2021, Monday between 3 pm to 5 pm through the Google meet platform. The lecture was organised as part of World Food Safety Day 2021. Dr. Rathika G.Nath, Assistant Professor and Head in charge, Department of B.Voc. chaired the session and proposed the welcome address. Jobin S., Assistant Professor, introduced the resource person of the webinar. **Prof. Beena Cherian** delivered a lecture on the topic '**Food Hazards and its Safety**'. She gave a wonderful talk on different types of hazards, its sources and control measures on food with special reference to the importance of HACCP(Hazard Analysis and Critical Control Point). Around 40 students from S₁ B.Voc Food Processing and Management and faculty attended the webinar. Active







participation during discussion time and feedback received towards the end of the webinar were indicators to the fruitfulness of the session. At the end of the webinar, Sreekutty M.B., Lecturer, B.Voc. FPM proposed the vote of thanks for the webinar.







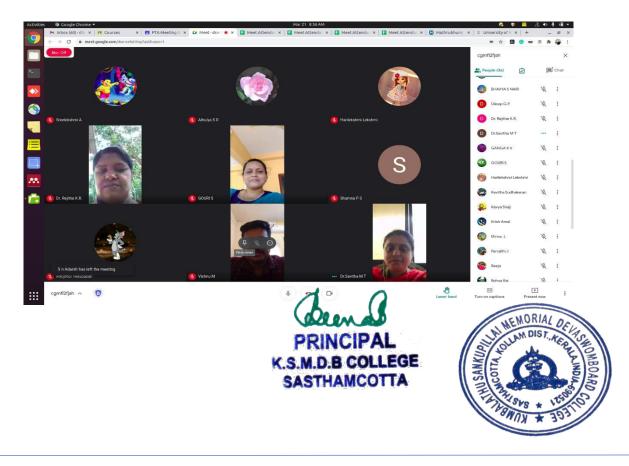


Invited talk on Conformal Mapping

Date 12/03/2021

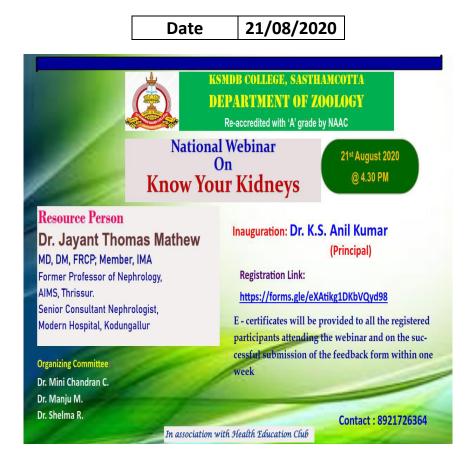
Brief Report

As part of the *International Pi Day celebration*, the Department of Mathematics, KSMDB College, Sasthamcotta, conducted a special invited talk on Conformal Mapping. Conformal mapping has many applications in different physical situations like if the function satisfies harmonic equation and Laplace equation $\Delta^2 f$, then the transformation of these functions through conformal mapping is also harmonic. In this talk, he presented a brief introduction and the types of conformal mapping. With the help of this theory and its types, he discussed the applications and relations of conformal mapping with bilinear transformation in the complex plane.





Know Your Kidneys



Brief Report

Department of Zoology conducted a webinar on 'know your Kidneys' on 21st August 2020 in association with Health Education Club of the College. Dr. Mini Chandran C, Head, Department of Zoology and Member, Health Education Club welcomed the participants. Dr. K. S. Anilkumar, Principal of the college inaugurated the function. The session was handled by **Dr. Jayant Thomas Mathew. MD, DM, FRCP; Member, IMA Former Professor of Nephrology, AIMS, Thrissur**., Senior Consultant Nephrologist, Modern Hospital, Kodungallur. He explained the things in a Layman's language and was very useful to all the

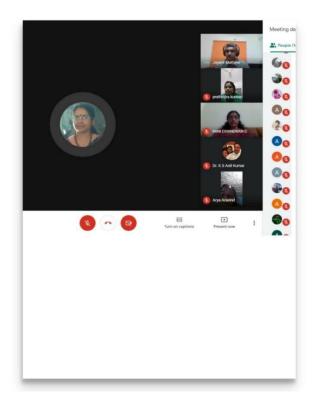






participants. Dr. Shelma R., Member, Health Education Club proposed the vote of thanks.

The webinar ended at 6pm.



Rebuild Kerala: Prospetcs and Challenges

Date 13/08/2020

Brief Report

Department of Economics in association with Department of Political Science had conducted an international webinar on **Rebuild Kerala: Prospects and Challenges** on 13th august 2020 at 7.30pm through google meet. This webinar is significant as it is after two years after the severe flood affecting Kerala. The main aim of this programme was to analyse key drivers of floods and other natural disasters and the risks encountered due to







climate changes in a way to catalyse the efforts put towards Rebuilding of Kerala. Dr.

K. S. Anil Kumar, Principal inaugurated the webinar. The resource person was Dr. Murali

Nair, University of South California, USA.



b) Academic Enrichments by Clubs

International Human Rights Day







Brief Report

The Human Rights Club of Kumbalathu Sankupillai Memorial Devaswom Board College, Sasthamcotta observed the Human Rights Day on 10th December 2021. Dr. Pradeep Kumar K S, Coordinator of the Human Rights Club welcomed the gathering. .The programme was inaugurated by Dr. B Beena, Principal, KSMDB College. The Principal in her inaugural address stressed the importance of the club in the current social environment.

Mr. Reni Antony, Member - Kerala State Commission for Protection of Child

Rights, delivered the key note address. Mr. Reni Antony is an authority in the area of Human Rights, particularly Child Rights and an excellent orator also. The resource person in his key note address pointed out the dimensions involved in human rights – in international, national and regional perspective. The resource person with his excellent presentation skills made the audience explore the dimensions involved in child rights pointing out the social, demographic and educational system prevailing in the current scenario. The presentation was a mix of theory backed by real life examples.

Mr. Shinoj Sasidharan, member of Human Rights Club of KSMDB College, in the felicitation pointed out the international aspects involved human rights and Mr. Sanu S J member of Human Rights Club of KSMDB College, Sasthamcotta delivered vote of thanks. The event is attended by 65 student members of Human Rights Club of the college and gave a positive feedback about the programme.







E-poster Contest 08/06/2021 Date KSMDB COL **ORLD ENVIRONMENT DAY 2021** collegiate E - POSTER CONTEST **Topic: Impact** COVID 19 Pandemic-on of Environment 8th June 2021 \bigcirc Date The E- poster should be prepared in powerpoint slide with only one slide (wigh 50cm, height 90cm) The entries should be sent to the link given below https://forms.gle/H78GdQkAEavDXMNK7 First Prize: Rs 1000 Second Prize: Rs. 500 E certificates will be provided to all the participants tact:94969

Brief Report

Dept of Zoology, in association with the Health Education club observed World Environment Day 2021 by organizing an intercollegiate e - poster competition on 8th June 2021 at 4pm. Nine posters were short- listed and considered for evaluation. The first place (Cash prize worth Rs 1000/- was secured by Sandra S Kumar, III year B.Sc. Zoology Student of KSMDB College Sasthamcotta. The second place (Rs. 500/-each) was shared by two students namely Bhavya Sasikumar, S2 Zoology, BJM College, Chavara and Pournami P., S5 Botany, KSM DB College Sasthamcotta.





National Science Day

Date 07/03/2021

Brief Report

The theme of "National Science Day" for this year was "Integrated Approach in Science and Technology for a Sustainable Future!". National Science Day Celebration -2020 was officially inaugurated on 7th March 2021 by Dr. C. Mini Chandran, Principal, K. S. M. D. B. C., Sasthamcotta. Dr. Renjith S., Scientist, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram was the chief guest of the inaugural session. Later he gave a talk on the topic 'Role of Science in Human Life'. Approximately 75 students participated the webinar.

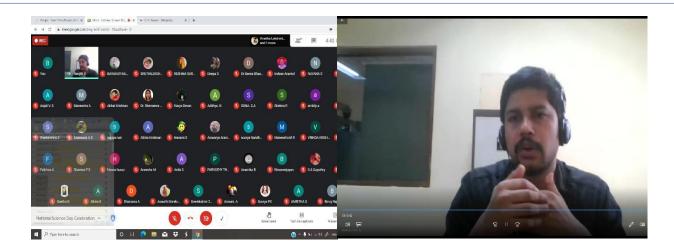
Time: 4.00 – 6.00 pm

Google Meet joining info: Video call link: <u>https://meet.google.com/zmg-evhf-bio</u>



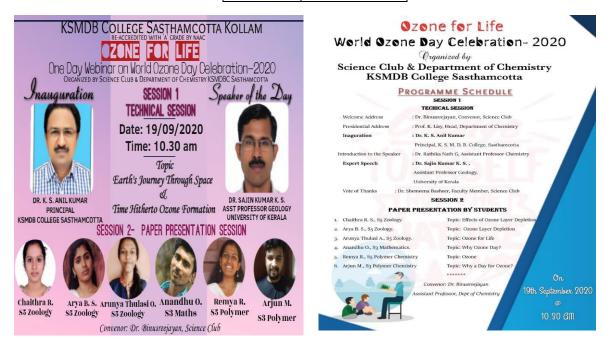






World Ozone Day Celebration

Date 19/09/2020



Brief Report

Science Club in association with Department of Chemistry observed 'World Ozone Day- 2020' on 19th September 2020, in connection with the 'International Day for Preservation of Ozone Layer – 2020 Celebrations', on the focal theme 'Ozone for Life'.







Online webinar and Oral presentations were conducted as a part of the celebrations. A total of 120 students participated in the celebration. Webinar starts at 10.30 AM. The welcome address was proposed by Dr. Binusreejayan, Convenor, Science Club and the function was inaugurated by Dr. K. S. Anil Kumar, Principal, K. S. M. D. B. College, Sasthamcotta. The function was presided by K. Lisy, HOD, Chemistry. This was followed by a scientific talk by **Dr. Sajin Kumar K. S., Assistant Professor Geology, University of Kerala** on '**Ozone for Life'**. He discussed on various topics related to ozone depletion and reclamation. After the webinar, online power point presentation competition was also conducted as a part of the celebrations. Six UG students from different departments of our college participated on various topics related to ozone.

Sl. Name of Student
No.
1 Chaithra R. S.S5 Zoology
2 Arya B. S., S5 Zoology
2 Arunya Thulasi A., S5 Zoology
3 Arunya Thulasi A., S5 Zoology
4 Anandhu O., S3 Mathematics
5 Remya R., S5 Polymer Chemistry
6 Arjun M., S3 Polymer Chemistry

Title of paper Presented

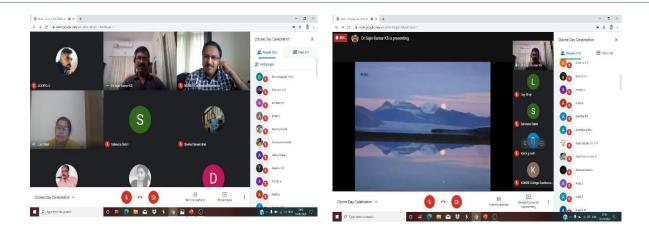
Effects of Ozone Layer Depletion Ozone Layer Depletion Ozone for Life Why Ozone Day? Ozone Why a Day for Ozone?

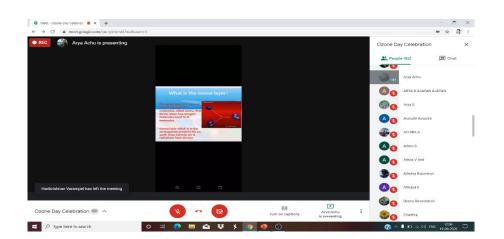
All the participants were awarded certificate of appreciation. The programme concluded by a vote of thanks proposed by Dr. Shemeena Basheer, Faculty Member, Science Club. The programme concluded at 1.00 pm.





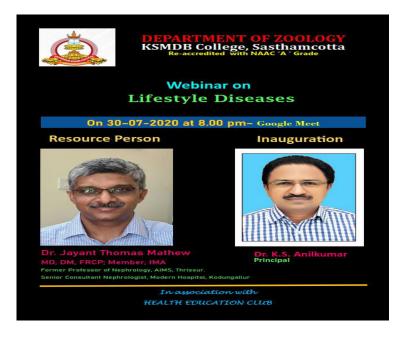






Life Style Diseases

Date 30/07/2020









Brief Report

Health Education club, in association with the Dept of zoology organized a Webinar (Google Meet) on Life style diseases at 8pm on 30th July 2020. Dr. Mini Chandran C, Head, Deartment of Zoology and Member, Health Education Club welcomed the participants. Dr. K .S. Anilkumar, Principal of the college inaugurated the function. The session was handled by Dr. Jayant Thomas Mathew. MD, DM, FRCP; Member, IMA Former Professor of Nephrology, AIMS, Thrissur., Senior Consultant Nephrologist, Modern Hospital, Kodungallur. It was a very informative session. He explained the things in a Layman's language and was very useful to all the participants. Dr. Manju M., Convener, Health Education Club proposed the vote of thanks. The webinar ended at 9.30pm.









KUMBALATHU SANKUPILLAI MEMORIAL DEVASWOM BOARD COLLEGE (Reaccredited with `A' Grade by NAAC) SASTHAMCOTTA, KOLLAM District, KERALA

13. PROJECT RAIN DROP

On the month of 2021 April NCC Unit of KSMDB College conduced programmes related to rainwater clean up as **project rain drop.** The theme of the programme was rain water preservation. As apart of this all cadets clean there surroundings and discard the stagnant water around there houses and free the flow of water to the under ground. On behalf of the programme the cadets prepared awareness posters and documentary conveying the methods to avoid stagnation of water. On behalf of the programme the cadets prepared awareness documentary conveying the methods of rain water preservation.





