# **DEVASWOM BOARD COLLEGE, THALAYOLAPARAMBU**

NAAC Accredited with 'B+' Grade (2nd Cycle, CGPA 2.60) in 2017

(Affiliated To Mahatma Gandhi University, Kottayam)



# **ANNUAL REPORT 2021-22**

MIDAYIKKUNNU P. O., THALAYOLAPARAMBU KOTTAYAM, KERALA – 686605

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# **QUALITY INITIATIVES BY IQAC**

# **Preparation of Academic Calendar**

Academic Calendar was prepared during the month of June 2021. During the calendar preparation attention were given to curricular, cocurricular and extra-curricular activities in the College. The preparation of Academic Calendar for 2021-2022 was supervised by IQAC. Action plans of events were collected from principal, departments, cells and clubs. Dr. Lajna P Vijayan Assistant professor, organized the preparation of calendar from the data collected under the guidance of principal and IQAC. The academic calendar was released in the first week of July 2021.

## Green, Energy and Environmental Audits

IQAC initiated Green, Energy and environmental Audits with the support of authorized external auditing agency during the academic year 2021-22. The audit was done by 'VYDYUTHI' Energy Services Nalanchira P O, Thiruvananthapuram. Dr. Deepa C S, Assistant professor and IQAC Coordinator, department of chemistry, coordinated the audit. The reports and analysis submitted by the agency were taken up for the implementation of green initiative in college measures by the institution.

#### **Academic and Administrative Audit**

An internal Academic and Administrative Audit was scheduled to be conducted during the month of march 2022. The Audit was done under the chairman ship of Dr R Anitha, Principal, D B College with the support of IQAC members and assessed teachers diary, remedial and bridge course details and other documents.

# **Annual Academic presentations**

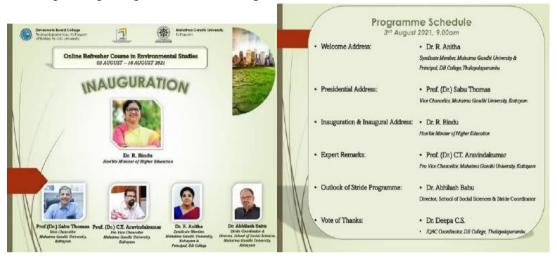
IQAC organised annual academic presentations 24/03/2022. The department HoD's and club coordinators presented the annual report for the academic year 2021-22.



## **Online Refresher Course in Environmental Studies**

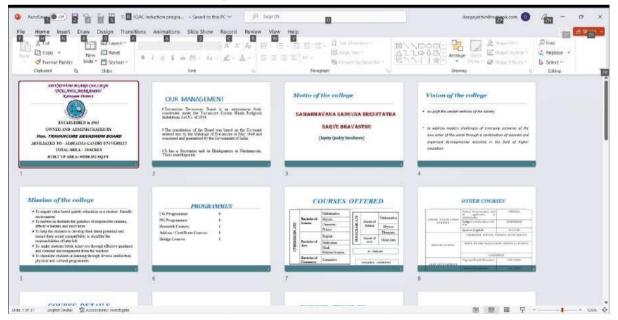
IQAC & department of chemistry, DB College, Thalayolaparambu conducted a fourteen day "Online Refresher Course in Environmental Studies" for teaching fraternity across the state in association with UGC- MHRD STRIDE, MG University from 03/08/2021 to 16/08/2021. The course comprised of fourteen sessions which dealt with many relevant topics like Ecosystem services-Linking nature and

society, Importance of Liquid waste Management recycling and reuse, Importance of Sustainability Practices and auditing in campus, Climate change adaptation and mitigation strategies in agriculture, Riverine Biodiversity with special reference to Meenachil River, Plant Secondary Metabolites & their Application, Understanding Carbon Footprint, Statutes in Waste Management, Environmental Responsibility in Tourism, Biodiversity & Evolution, Blue Economy etc. The sessions were handled by eminent Scientist and luminaries in respective domain. In addition to the invited lectures, the interactive and evaluative sessions included group discussions, book review, debate on relevantenvironmental issues, power point presentations and quiz.



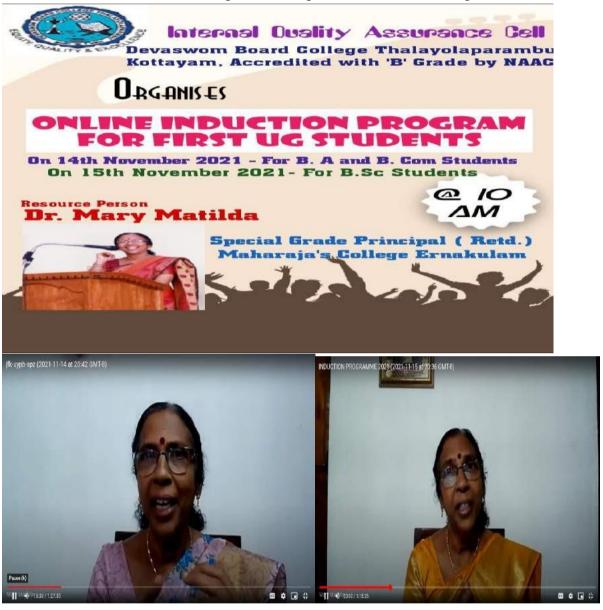
# **Induction Programme**

An Induction Programme was conducted at a departmental level for the first year undergraduate students through the online mode on the day of commencement of their classes. In the programme HoD's briefed about the facilities, clubs and the courses offered in the institution.



webinar on the topics "Human values & Ethics' and Life maximization" for the first year undergraduate students on 15<sup>th</sup> and 16<sup>th</sup> November 2021 The Principal, Dr. R. Anitha presided and inaugurated the sessions. The sessions were conducted by The Internal Quality Assurance Cell (IQAC), D B College Thalayolaparambu, organized a two day Dr. Mary Matilda, Retd. Principal, Maharajas College Ernakulam. In the first session she detailed the significance of values and ethics that every individual

should extent towards their society and fellow beings. The second day of the webinar dealt with life maximization. The webinar was organized as a part of the Induction Program for I UG students.



#### **Vaccine Drive**

IQAC of the college organized vaccine drive on 28/10/2021 against covid for the students who were not vaccinated.

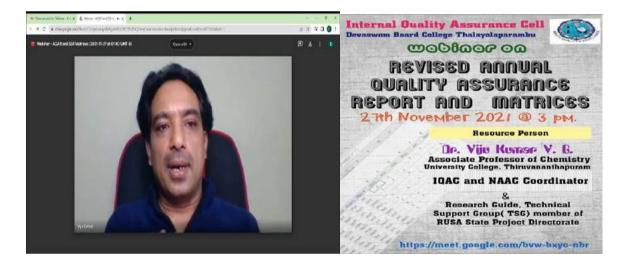


administrative staff on the topics "Tax planning and E-filing". Sri. P Anil BSc, FCA, DISA, Charted Accountant was the resource person. The Webinar was inaugurated by Dr. R Anitha, Principal D B College. On 23/11/2021, Sri. Anil gave detailed description about the different tax saving provisions included in the income tax regime. On the second day he demonstrated, how a tax payer can self-file the returns in the revised IT platform and e-verify his/her returns. Faculties from other HEI's also participated in the Webinar. Faculties raised queries about saving options and steps that should be followed while filing the returns.



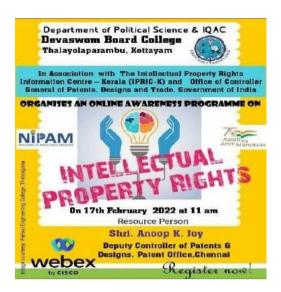
# Webinar on 'Revised Annual quality assurance reports and matrices"

IQAC D B College organized a webinar on 'Revised Annual quality assurance reports and matrices' on 27<sup>th</sup> November 2021. Dr. R Anitha, Principal D B College, inaugurated the webinar. Resource person was Dr. Vijukumar, Associate Professor & IQAC Coordinator, University College, Thiruvanathapuram, In the webinar he explained the significance of quantitative and qualitative matrices. He emphasized the significance for Institutional distinctiveness and Best Practices.



# **Intellectual Property Rights Awareness Program**

Department of Political Science, Devaswom Board College, Thalayolaparambu in association with IQAC and IPRIC-K, Government of India organized an Intellectual Property Rights Awareness Program on 17<sup>th</sup> February 2022. Around 230 students participated. Shri. Anoop K Joy, Deputy Controller of Patents and Designs, Patent Office, Chennai lead the session. The session was a very informative to the students. They could get a clear understanding on intellectual property rights, patents, trademarks, copyrights etc. Various aspects of IPR and the need to create awareness of those rights was also discussed.



#### "SUKRUTHAM" the institutional distinctiveness -First aid training

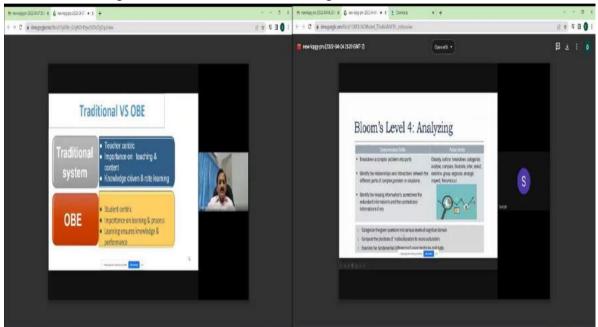
"SUKRUTHAM" the institutional distinctiveness on first-aid training was conducted on 11/03/2022. In the inaugural address, Dr. R Anitha, Principal D B College stressed the relevance of first aid training, and how it could function as a life saving tool. Resource person was Sri. Luke Leon Kurien, Assistant Professor in Physical Education, B C M College Kottayam. Students were trained in group by the resource person.



#### **Online Faculty Development Programme**

A seven-day Online Faculty Development Programme was conducted by college IQAC with the support of UGC- MHRD STRIDE Mahatma Gandhi University, Kottayam, from 04/04/2022 – 11/04/2022. The programme conducted using Google Meet platform aimed to nurture and enhance theability of faculties to establish a student centric environment in institutions through the philosophy of Outcome Based Education. 20 participants registered for the programme from various institutions all over the state. Course comprised of lectures by eminent personalities, power point presentations, debate, quiz, submission of reports etc. Sessions of FDP covered the topics like 'Design Principles on Learning Outcome', 'Cognitive Engagement of Learners', Bloom's taxonomy', 'Architecture of OBE and Designing outcomes', 'Learning verification', 'Mapping of Outcomes', 'Underlying threads of OBE',

'Attainment calculation of outcomes', 'Best Practices and useful analytics for accreditation'. The sessions were handled by Mr. Suresh Namboothiri, Founder member of ESPOIR Technologies, Dr. Edamana Prasad, Professor, Department of Chemistry, IIT Madras, Dr. Sunil Job, Chief of Academic Solutions, IPSR Solution Ltd. And Dr Mendus Jacob, CEO – IPSR Solutions Ltd. The participants were enlightened on the structural design of PO, PSO and CO, rational behind mapping, weightage in OBE, standardize mapping scale on OBE, determination of mapping strength, significance of programmatrix for OBE and mapping of course related activities and questions to CO's. The resource persons stressed to apply, use and operate appropriate modern tools, techniques and resources to various activities of life, career and higher education with the knowledge of its limitations.



# **WEBINAR**

The departments, clubs, NCC and NSS organized 54 webinars on diverse topics. Reports of some selected webinars and events is included in this annual report

#### Securities market and common man

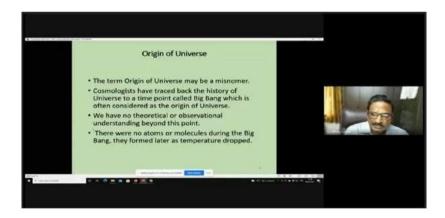
Department of Commerce, conducted a webinar on the topic 'Securities market and common man' on 8<sup>th</sup> June 2021 in association with Bombay Stock Exchange. 47 students actively participated in this programme. The theme of the webinar was discussion on fundamentals of investing in stock market. The webinar aimed to increase awareness amongst participants on how to effectively manage your savings by investing in stock market and other available investment options. The speaker of the webinar was Mr. Venugopal Rajrath, Managing Director. He is a certified stock market analyst, active speaker and prolific writer on stock market operations and other related aspects and macroeconomic expert. The session started with the speaker sharing his own story of success to emphasize the importance of early investing. He discussed various tools of investing, multiple concepts related to investing in stock market such as stock exchanges, brokers, securities etc extensively. The speaker dealt with evolution of stock exchanges from open outcry to electronic trading. He shared practical knowledge of investing in stock market by talking about the constitution of an index, market capitalization, and how to use various applications for analysis and knowledge like money control by CNBC. The session was summed up by a quiz and Q & A session taken up by Mr.

Venugopal Rajrath. The event ended with a vote of thanks. The webinar was indeed a successful event where the participants gained valuable insights on stock market.



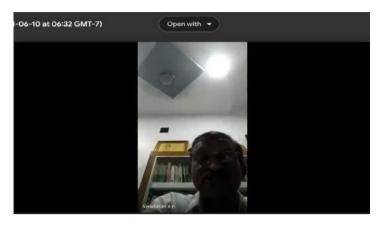
# Origin of universe and life

PG department of Physics, as part of Medha Webinar Series conducted a webinar on the topic 'Origin of life and universe' on 9<sup>th</sup> June 2021. This was the second webinar of Medha series with an objective to develop scientific temperament of students in our college. The resource person was Dr. Godfrey Louis, Emeritus Professor at Department of Physics CUSAT. He delivered an interesting lecture on the origin, history and evolution of our universe in a beautiful way. This was concluded with Q & A session in which students eagerly cleared doubts and was happy to interact and learn new things. 84 students participated in the webinar.



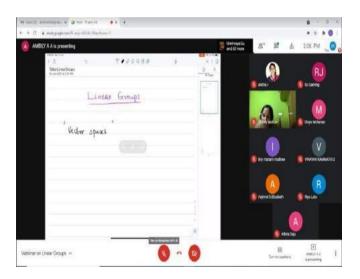
#### Human rights and the marginalized sections in India

Department of Political Science conducted a Webinar on the topic 'Human Rights and the Marginalized Sections in India' on 10<sup>th</sup> June 2021. Dr. EN Sivadasan (Retd. Principal, SN College, Alathur, Palakkad, Research guide and Coordinator of Vaikom Sathyagraha Smaraka Research Centre and Alumnus of Department of Political Science) was the key speaker. 120 Students participated in the Webinar. The students got an insight into the problems faced by the marginalised sections particularly the women, children, minorities, SC/ST in Indian society and the threats faced by them due to commercialization and globalization. The webinar also discussed about the various provisions incorporated in our constitution for the protection of the rights of the marginalised sections in India. An interactive session was followed where the students were given opportunity to clear their doubts and raise some queries on the topic. The webinar was quite informative.



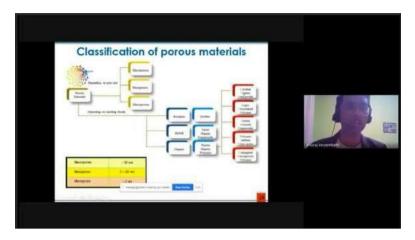
### **Linear groups - An introduction**

As part of the Medha Webinar Series, PG Department of Mathematics organized a state-level webinar on the topic 'Linear groups – An introduction' on 14<sup>th</sup> June 2021. Dr. Ambily AA, Assistant Professor, Department of Mathematics, CUSAT delivered the lecture. The speaker started from the basics of linear algebra and introduced the concepts of linear groups with appropriate examples. Speaker introduced the topic 'Clifford Algebra' to the students. Around 80 post graduate students from various colleges participated in the webinar.



# Insights and opportunities of nanomaterial science

The Research & Post graduate Department of Chemistry, Devaswom Board College, Thalayolaparambu organized a Webinar as part of Medha series on 14/06/2021. Title of the webinar was "Insights and Opportunities of Nanomaterial Science". Dr. Anuraj Varyambath, Postdoctoral Researcher, Department of Material Science & Engineering, Pusan National University, South Korea was the resource person. He explained the importance of nanomaterials to the new world in a simple and interesting way. The students were enlightened about the endless possibilities of nanomaterials and the higher-level opportunities of nanoscience and technology. PG and UG students participated very actively in the session by bombarding the speaker with queries. The session ended at 6 pm



# Fundamentals to foundations: the simplicity of research in mathematics

PG Department of Mathematics organized a National webinar on 'Fundamentals to Foundations: The Simplicity of Research in Mathematics' on 14<sup>th</sup> September 2021. Dr. Joseph Varghese, Professor, CHRIST (Deemed to be) University, Bengaluru was the resource person. He explained the simplicity of doing research in Mathematics through practice, memory and creativity and discussed about the methods of doing research. 75 participants from various parts of India participated in the webinar.

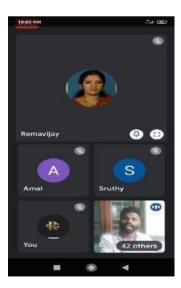


# 75 years of independence

Department of Political Science, Devaswom Board College Thalayolaparambu organized a special lecture entitled '75 Years of Independence' as part of the 75<sup>th</sup> Independence Day celebration on 15<sup>th</sup> August 2021. Dr. Anu Unny, Assistant Professor, University of Kerala delivered the special lecture. Around 100 students participated. This program was a part of 'Azadi Ka Amruth Mahothsav'. Dr. Anu Unny discussed about the important events connected with the freedom struggle movement and also the role played by the national leaders during the freedom struggle. The session also discussed about the different aspects of Indian democracy after independence and the role played by different governments who ruled the nation after 1947. Students interacted with the resource person by raising some relevant questions.



# Verse and meaning in a philosophical approach



PG Department of Malayalam organized a webinar on the topic 'Verse and meaning in a philosophical approach' on 4<sup>th</sup> January 2022. The speaker was Dr. Sumi Joy, Head of the Department of Malayalam, Maharaja's College, Ernakulam. The webinar was organized as part of the Golden Jubilee celebrations of the Malayalam department. The speaker explained the technique of creating meaning in language through examples. She quoted examples from real life which made the class interesting. Students asked queries and got a detailed reply.

International webinar: Azadi ka amritotsav desh se videsh tak hindi

Department of Hindi organizes special lectures on various trends of Hindi on the occasion of Hindi Diwas. This year a two-day International webinar - "Rajbhasha Hindi Diwas" Azadi Ka Amritotsav Desh Se Videsh Tak Hindi was organized under the joint aegis of Hindi





Department DB College Thalayolaparambu, Vishwa Hindi Sangathan, New Delhi, Devam Pratishthan Bulgaria, Europe, Japan Hindi Cultural Center Tokyo Japan, Hindi Department Ramanujan College, New Delhi, Sri Shivaji College of Arts and Commerce, Amravati, Bhopal School of Social Sciences, Bhopal on 14-15th September, 2021. The webinar received overwhelming response from the participants and was reported in the print media.

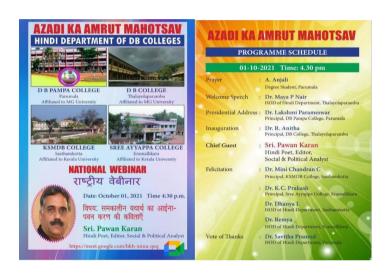
# Fredric Jameson: Political unconsciousness and post modernism



PG Department of Malayalam conducted a webinar on the topic 'Fredric Jameson: Political unconsciousness and Post modernism'. The session was led by Dr. Thomas Scaria, Associate Professor, St. Thomas College, Pala. He is a writer and lecturer. The seminar was held on 28<sup>th</sup> September 2021. Speaker detailed about many aspects of postmodern life and the session proceeded as a detailed discussion. It was a very informative session. Students actively took part in the discussion.

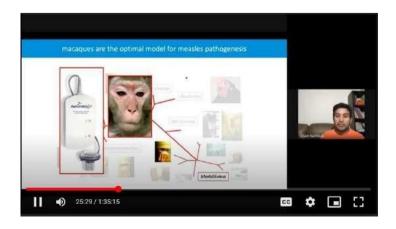
# Pawan karan's literary practice

Four DB colleges together organized a national webinar, the main speaker of which was Pawan-Karan on 1<sup>st</sup> October 2021. The theme was - Pawan Karan's literary practice. Pawan Karan is an Indian poet, columnist, editor, social and political analyst and one of the major poets of early 21st century. He is highly regarded for his realistic depiction of women's life in Indian society. Apart that his poems written against subjects like imperialism, capitalism, religion fanatics, social beliefs of caste-based society and orthodox customs are highly appreciated as well. Due to his realistic depiction of orthodox social views and long established norms of Indian society, he is often the target of religious fanatics.



# International webinar - chasing covid: virology and interventions

Research Committee, Devaswom Board College, Thalayolaparambu organized an International webinar on the topic 'Chasing covid: Virology and interventions' on 16<sup>th</sup> October2021. The speaker of the session was Dr. Shaam Nambulli, Research Scientist, Center for vaccine research, Pittsburgh, Pennsylvania, USA. The session was handled excellently by the speaker who elaborated about the various strategies adopted for chasing covid pandemic. He specifically dealt with the interventions and research carried out at the Department of Virology, USA. The webinar was packed with information and the speaker enlightened the attendees with his excellent communication and presentation skills.



# National webinar do not go gentle into that good night: dylan, a birthday remembrance

National Webinar in connection with Sameeksha 2021 was organised by the PG Department of English, Devaswom Board College, Thalayolaparambu, via Google Meet on 27<sup>th</sup> October 2021, commemorating Dylan Thomas on his 107<sup>th</sup> birthday. The webinar was titled "'Do Not Go Gentle into that Good Night': Dylan, a Birthday Remembrance". The keynote speaker was Asst. professor Akhilesh Udayabhanu of the Institute for Multi- Disciplinary Programmes in Social Sciences, M G University, Kottayam. The webinar was well received and had ninety eight participants from various esteemed institutions across India. The programme was coordinated by the Head of the Department of English, Prof. Indu KS and convened by Ms. Jasmin C.U, Assistant professor (contract). The inaugural address was rendered by Dr. R. Anitha, Principal, Devaswom Board College, Thalayolaparambu. E- certificates were given to all the registered participants through email.



# New horizons, new paradigms: un in the changed world order

Department of Political Science, Devaswom Board College Thalayolaparambu organized a special lecture titled 'New Horizons, New Paradigms: UN in the Changed World Order' as part of the UN Day celebration on 29<sup>th</sup> October 2021. Dr. Mohan Varughese, Media Analyst and Former Head, Department of Political Science, Marthoma College, Thiruvalla delivered the special lecture.

The session was highly informative one. It discussed about the evolution of the United Nations since 1945, the role played by the UN in the maintenance of international security, human rights socio-economic development, humanitarian interventions and also traced the achievements and limitations of UN. The major proposals for the restructuring of the organization were also discussed. Students were able to acquire an in-depth knowledge about the largest international organization. 80 students participated in the invited lecture.



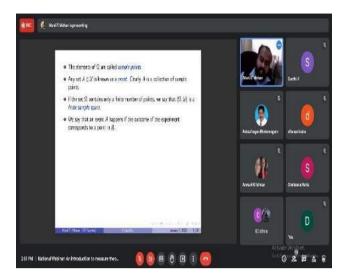
# National webinar -Machine learning techniques in real time scenario

As part of the National Mathematics Day, PG Department of Mathematics organized a National webinar entitled 'Machine Learning techniques in real-time scenario' on 22<sup>nd</sup> December 2021. Dr. C. Vijayalakshmi, Associate Professor, Department of Statistics and Applied Mathematics, Central University of Tamil Nadu was the resource person. The speaker gave a clear idea about artificial intelligence, statistical modelling, machine learning and applications of machine learning. Around 65 participants attended the webinar.



# National webinar -An introduction to measure theoretic probability

PG Department of Mathematics organized a National webinar on the topic 'An introduction to Measure Theoretic Probability' on 07<sup>th</sup> January 2022. Dr. Manil T Mohan, Assistant Professor, IIT Roorkee was the resource person. The resource person in his talk started from probability distributions. The discussion included the modelling of sample space, events into a probability space and use of measure theoretic techniques. 60 participants attended the webinar.



# Seminar- G. Sankarakkuruppu and poetry

K.K Sulochana, former HoD, PG Department of Malayalam, handled a session on the poetic life of G Sankara Kurup on 12<sup>th</sup> January 2022. A brief history of romantic Malayalam poetry was explained in detail. G's mystical imagination was portrayed well by quoting lines from the story. The session was very enjoyable and opened the way for new discussions.





# M Govindan: The writer

PG department of Malayalam in association with Prabodha Trust conducted a webinar on 13<sup>th</sup> January 2022. The resource person Alankode Leelakrishnan delivered the session on the topic 'M Govindan: the writer'. The prime objective of the webinar was to introduce the literary world of M Govindan to UG and PG students. The speaker described the history of modern Malayalam literature. Detailed discussion and Q & A session followed the session. Students were given an opportunity to put forward their thoughts on the topic. 72 students attended the webinar.



#### M K Sanu: Words and silence

PG Department of Malayalam in association with Prabodha Trust conducted a webinar on the topic 'MK. Sanu: Words and silence' on 23<sup>rd</sup> January 2022. Kerala Sahitya Acadamy Secretary K. Sasachidanandan delivered the lecture. Dr. Rishi, Department of Malayalam, The Cochin College, Kochi also presented his views on the topic. 52 participants attended the webinar.



# International webinar :Non- Pharmacological interventions for the treatment of cardiovascular diseases

Research Committee and Department of Botany jointly organized an International webinar on the topic 'Non- pharmacological interventions for the treatment of Cardiovascular diseases' on 12<sup>th</sup> February 2022. The speaker of the session was Dr. Reena Bapputty, Senior Research associate, Department of Pediatrics, Case Western Reserve University, Cleveland USA. The speaker gave an understanding on the different interventions for treating cardiovascular diseases which is a major cause for death globally. The session was quite informative and gave an idea of the importance of maintaining cardiovascular health by lifestyle changes.



# The world of invisible particles around us

PG Department of Physics celebrated National Science Day with various activities, and organized a special lecture on the topic 'The world of invisible particle around us' on 3<sup>rd</sup> March 2022. The session was handled by Dr. Jimin George, Assistant Professor (contract), DB College Thalayolaparambu. The speaker was former Post doctoral research associate at University of Massachusets, Amherst. He delivered an interesting lecture which was followed by a presentation competition for students on the topic "Sustainable future and the role of technology". 92 students participated. The National Science Day celebrations were conducted in association with APT Kerala. A seed money of Rs 3000/- was granted for the conduct of the program.



# CAREER ORIENTATION PROGRAMS

#### JNU entrance examination orientation

In order to create an awareness about the career and higher education opportunities, Department of Political Science, Devaswom Board College Thalayolaparambu in association with Pepptalk organized an orientation program 'Career and Higher Education Opportunities ( with a special preference to JNU entrance)' on 20<sup>th</sup> November 2021. The speakers for the session were Mohammed Ashiq, Center for Political Sciences, JNU and Rugmini Devi, Research scholar, University of Kerala. The session discussed about the avenues open to the students who opted Political Science as their core subject. The speaker highlighted the method of study to be adopted by the students for the various entrance examinations including JNU entrance examination. 50 students were benefitted by this workshop.



# A journey towards the professional world

Department of Commerce, conducted a webinar on the topic 'A Journey towards the professional world' on 4<sup>th</sup> February 2022. This webinar mainly focused on final year B. Com students with an objective to provide a more useful framework to both conceptualize our working life and take useful action to influence its trajectory and the overall experience to students. A total of 25 participants comprising of faculties and students from various colleges participated in this webinar. The program started with a welcome address by Dr. Jayasree. SK,



HoD of Commerce. The Webinar was officially inaugurated by Dr. R. Anitha, Principal, DB College. The session was handled by Ms Ashna Bharath Pillai, Chartered Accountant, Director FINPROV and Preetha PK Soft skill expert, GM Operations. They enumerated the different jobs and new business opportunities which we can pursue in the present scenario. The structured ppt was very impressive and offered a good visual impact. The webinar was informative and fruitful. A Q & A Session followed the webinar. The participants were very enthusiastic and actively participated in the Webinar. Feedback was collected at the end of the session. The participants expressed their satisfaction and happiness in terms of the input they received. The webinar was concluded with a vote of thanks by Mr. Sreeraj NR, Assistant Professor (Contract) of Department of Commerce.

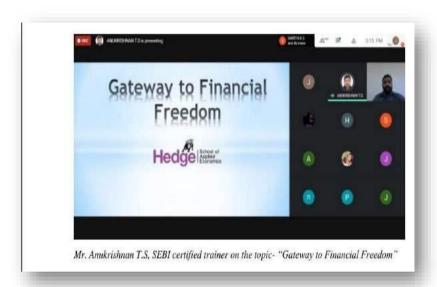
#### An online bank exam orientation class

Department of Commerce, conducted a webinar on the topic 'An Online Bank Exam Orientation class' on 23<sup>rd</sup> February 2022. Thie webinar was organized in association with TIME Institute of Kottayam for the final year B. Com students with an objective to provide a more useful framework to conceptualize our working life. The banking sector is an all-time growing sector. It is an industry full of opportunities and stable careers and is a desirable career option for most Indians. Online banking exams are essential for applicants to get a banking job. 30 participants attended the webinar.



# Gateway to financial freedom

Department of Commerce, conducted a webinar on the topic 'Gateway to Financial Freedom' on 26<sup>th</sup> February 2022 in association with Hedge School of applied economics. The webinar was attended by 42 students. Dr. Jayasree SK, HoD of Commerce proposed formal welcome address. Mr. Anukrishnan TS, SEBI Certified trainer was the resource person. He is a part of State and National Skill Development Corporation. His areas of expertise are Algo trading, Artificial intelligence, technical analysis, fundamental analysis etc. The webinar chieflyfocused on the Indian capital market and its importance. The resource person provided a simple explanation to the working of capital market and the investment opportunities involved in it. Students enthusiastically interacted with resource person by raising queries and clearing doubts regarding the financial markets and its functioning.



# **Opportunities in logistics industry**

Department of Commerce in association with London School of Management, conducted an online career guidance webinar on the topic 'Opportunities in Logistics Industry' on 28<sup>th</sup> February 2022. The webinar was attended by 53 students. Mr. Nithin TP, Career Counsellor was the resource person. Mr. Sreeraj NR, Assistant Professor (contract) proposed formal welcome address. He discussed about the importance of logistic industry. Students enthusiastically interacted with resource person by raising queries and clearing doubts regarding the logistic industry and its functioning.



# **Professionalaccounting works**

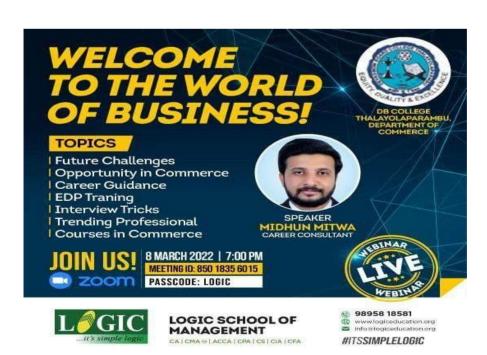
Department of Commerce in association with London School of Management, conducted an online career guidance webinar on the topic 'Professional accounting works' on 2<sup>nd</sup> March 2022. The webinar was attended by 22 students. Mr. Ajeesh SR, Career counsellor was the resource person. Mr. Sreeraj NR, Assistant Professor (contract) proposed formal welcome address. The speaker discussed about the importance of Professional accounting works. Students enthusiastically interacted with resource person by raising queries and clearing doubts regarding accounting works and its functioning. The webinar was well appreciated by

the attendees.



#### Welcome to the world of business

Department of Commerce, conducted a webinar on the topic 'Welcome to the world of business' on 8<sup>th</sup> March 2022. The webinar mainly focused on Commerce students with an objective of providing an idea about modern business. Modern business are being transformed into digital business. To do so, IT is being re-imagined to span hybrid infrastructures; including multiple data canters, co-location facilities and cloud service providers. A total of 65 participants joined this webinar including faculties and students of Commerce. The programme began with a welcome note by Dr. Jayasree. SK, HoD of Commerce. The session was handled by Mr. Midhun Mitwa, Career consultant, Logic School of Management. The session was presented with the help of a structured PPT which was quite appealing to the participants. The webinar was very informative and fruitful and ended with a Q & A Session. The participants were very keen and energetically interacted with the resource person. Vote of thanks was delivered by Mrs. Reshma Elizabeth Mathew, Assistant Professor (contract), Department of Commerce.



# **Right time + Right course = Promising career**

Department of Commerce organized a webinar in association with IAM, Kochi on the topic "Right time + Right Course = Promising Career "on 27th March 2022. Mr. Jimmy Thomas was the speaker who illustrated the present opportunities in commerce stream like CA,MBA, M Com, ICWA, Company Secretary, CMA, ACCA and CPA to the participants. The resource person, explained that the mere completion of B. Com degree even with a great scorewould not ensure success in accounting career. He explained that the market is shifting very rapidly and in every 5 years thousands of new jobs are being invented in the field of commerce. But, if students are not aware of the prospects they will be left behind. He also added that securing a good record in studies and an updated knowledge in the field will help the studentsget posted in various organizations as accountants. For that, one must have knowledge in areaslike basic principles of accountancy, cost accounting and management accounting. Mr. Jimmy also enlightened the students regarding various other career prospects in the field like, auditing, banking and finance, funds management, management consulting, stock broking etc.



# Samkalin kavita mein paristhitik bodh

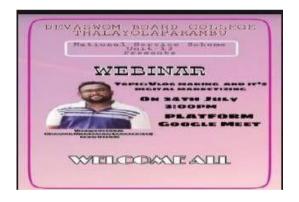
Department of Hindi in association with IQAC organized a webinar on the topic 'Samkalin Kavita mein Paristhitik Bodh' on 12th June, 2021. Dr. Shanti Nair, Faculty of Indian Languages, SS University, Kalady delivered the key note address. The webinar aimed at creating awareness among students regarding environmental issues like deterioration of quality of air, water and soil, climate change etc and to remind them to be more considerate towards nature. Our intention was to ensure the practice of environmental friendly sustainable development for creating a better future. The session was quite interesting and evoked a sense of environmental consciousness among the students and teachers.



# **NSS PROGRAMMES**

# Vlog making and its digital marketing

NSS Unit, DB college Thalayolaparambu conducted a webinar entitled 'Vlog making and its digital marketing' on 24<sup>th</sup> July 2021. The Resource person was Sri Vijay Krishna, Digital marketing Strategist, UI/UX LEAD, Info park, Kochi. The speaker strived his best to enlighten the students on Vlog making. According to him there are just five steps for a vlog making which was explained in detail. According to the resource person there are 5 main strategies of digital marketing which includes content marketing, email marketing, search engine marketing (SEM), search engine optimization (SEO), pay-per-click advertising (PPC), social media marketing and affiliate marketing.



# Poster campaign - 'World No Tobacco Day'

NSS, DB College unit steered a poster campaign against the use of tobacco in connection with 'World No Tobacco Day' on 31<sup>st</sup> May 2022. The members made posters pertaining to the health implications of using tobacco and posted as their WhatsApp status. This was intended for

creating an awareness among the public against the use of tobacco whichis the culprit behind several chronic diseases.



## Relevance of Swami Vivekananda's Thoughts for Youth Today

NSS Unit, DB college in association with Kerala State Yuvajana Kshema Board or Kerala State Youth Welfare Board celebrated National youth day on January 12th 2022. Kerala State Youth Welfare Board is an autonomous body under Government of Kerala to coordinate the youth welfare and development activities targeting the youth. Youth day is celebrated each year to commemorate the Birth anniversary of Swami Vivekananda, who continue to be a great source of inspiration for the Indian Youth Day. In view of this, a seminar was conducted on the topic 'Vivekanandha darshanangalude samakalika prasakthi (Relevance of Swami Vivekananda's Thoughts for Youth Today). The resource person was Adv. Ambareesh G Vasu, Advocate, Kottayam Legal Service Society. The speaker discoursed that that the thoughts and teachings of Swami Vivekananda continue to be highly relevant for today's youth. His message of self-reliance, unity of all religions and the importance of education are all significant lessons that can help young people overcome the challenges and exploit the opportunities of the modern world. Swami Vivekananda's ideologies have the potential to inspire future generations to lead more fulfilling and meaningful lives by developing their own inner strength and potential, serving others and promoting peace, unity, and harmony in the world. As we continue to face many societal and economic issues, we can look to the wisdom of this great spiritual leader for guidance and inspiration. The event got media attraction and was reported by all leading Newspapers in Kerala



### **World Suicide Prevention Day**

NSS unit, DB College observed World Suicide Prevention Day by organizing a webinar on September 10<sup>th</sup> 2021. The speaker of the session was Gifty K Vinod, Consulting Psychologist, Holding Hope Counselling Centre, Edavannappara. This webinar was organized with an intention of promoting worldwide action to prevent suicides. The resource person created awareness among students that suicide is a major preventable cause of premature death and suicide tendency can be avoided by inculcating positive attitude and also by adopting relaxation regimes during stress.



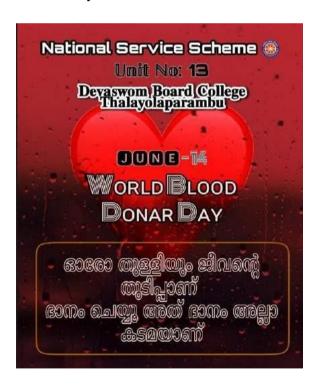
# Anaemia prevention campaign

NSS unit of DB college joined with VIVA (The abbreviation of Vilarchayil Ninnum Valarchayilekku in Malayalam) the anaemia prevention project for an awareness programme on 12<sup>th</sup> June 2021. This project is jointly organized by the departments of Health and Family Welfare and Women and Child Development of Government of Kerala. The campaign aimed at anaemia screening, treatment and creating awareness among girls and women aged 15 to 59 years. In connection with this an awareness class was conducted. The speaker of the session was Ms. Sneha Cherian, Nutritionist, ICDS Kaduthuruthy. The speaker focussed on types of anemia, good food practices and lifestyle modifications to be done to prevent anemia.



# **Blood donation promotion rally**

NSS volunteers educated the public about the significance of blood donation through a poster rally on June 14<sup>th</sup> 2021 on the occasion of World Blood Donor Day. This was an initiative done to promote blood donation among youngsters. Students prepared posters and posted in various social media platforms with an objective of creating awareness on the positive impact on periodical blood donation on healthy individuals.



# Anti drug awareness programme

NSS volunteers of DB College participated in a status rally on June 26<sup>th</sup> 2021 with the caption "Say no to drugs" to create an awareness on the adverse effect of drugs on physical and mental health. This campaign was done on the occasion of International Day against Drug abuse and illicit trafficking. Through various social media platforms the message was conveyed to the society with the motto of generating a drug free society. The students took a pledge to assure themselves that they will never take drugs.



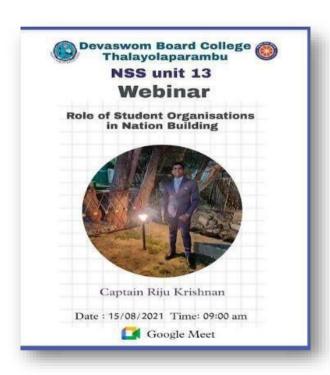
# **Breast feeding campaign**

NSS Volunteers of DB College participated in a status rally on WhatsApp to celebrate World Breastfeeding Week during August 1<sup>st</sup> to August 17<sup>th</sup> 2021. This initiative was done as part of a global campaign coordinated by the World Alliance for Breastfeeding Action(WABA) to raise awareness and galvanize action on themes related to breastfeeding. The volunteers could educate the women about the significance of breast feeding on physical and mental well being of their children.



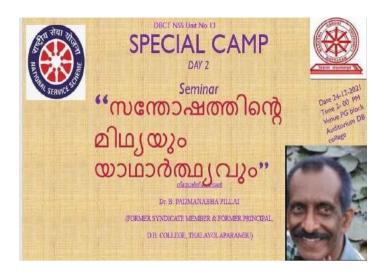
# Role of student organization in Nation building

NSS Volunteers of DB College joined for a webinar on 'Role of student organization in Nation building' on 15<sup>th</sup> August 2021 in connection with Independence day celebrations. The speaker of the session was Captain Riju Krishnan from Indian Army who delivered a passionate talk on why he joined Indian army. He also interacted with students and motivated them to play a vital role in nation building. According to the speaker every individual should execute their duties in a precise manner. One should be sincere about this as it contributes to the prospects of the nation. He also stressed the importance of putting our genuine efforts in the shortest possible duration without any sort of mental stress.



# Myth and reality of Happiness

In connection with the special camp of NSS, a seminar was organized by the NSS unit on the topic 'Myth and reality of Happiness' on 24<sup>th</sup> December 2021. The resource person for the seminar was Dr B Padmanabha Pillai, Former Principal, DB College, Thalayolaparambu. The speaker was able to convince the students that happiness is a state of mind and that it should not be dependent on any type of extraneous factors. In order to remain happy, we shoulduphold a positive attitude, selfless nature and immense love for fellow beings.



# Need and greed

In connection with the special camp of NSS, a seminar was organized on the topic 'Need and greed' on December 25<sup>th</sup> 2021. Mr. Vinod Kumar, Vice president, Business development, Amritha Technologies, Amrithapuri was the resource person. The speaker gave a clear understanding of the difference between need and greed and how greed would destroy our mental peace and happiness. He stressed that practicing mind training and meditation wouldhelp us to control greed, keep our needs at minimum and thus lead a contented life with the resources we have rather than feeling disheartened for what we cannot attain.



### Financial security post covid pandemic

A seminar was conducted by the NSS Unit, DB college on the topic 'Covidanathara sambathika surakshithathwom' (Financial security post covid pandemic) by Sri Venugopal KK, Deputy Manager, KSFE Athirampuzha on 25<sup>th</sup> December 2021. The speaker discussed how the covid pandemic had significantly affected the financial security of people working in different sectors. Many lost their livelihood following the lock down associated with Covid andthis has seriously affected their source of income. He concluded that Covid scenario has caused a negative impact on financial security.



#### How to tackle failure

NSS Unit of DB college organized a seminar entitled 'How to tackle failure' on 27<sup>th</sup> December 2021 as a part of their special camp. The speaker of the event was Dr. Unnikrishnan, Chief psychiatrist, DMHP, Oolampara, Thiruvananthapuram. The resource person enumerated the measures to be adopted for handling failure. Failure should be regarded as a stepping stone to success. He impressed the students by his lively presentation citing examples of how people have tasted the fruit of success after several attempts of failure. At the end of the session the volunteers were positively influenced with the motivational message delivered via the seminar and were ready to face any failure in their life.



# ONLINE WORKSHOP

#### Webinar on "Break silence to avoid violence"

The D B College IQAC and Snehitha @ campus under Kudumbasree Mission, Kottayam jointly organized a webinar on 10/07/2021. The topic of the webinar was "Break silence to avoid violence". The session was inaugurated by Dr. R Anitha, Principal D B College. Sri Abhilash Divakar, District Mission Co ordinator was the chief guest. Dr. Deepa C S, IQAC Coordinator extended Vote of Thanks. In the Inaugural address Principal emphasised that women must be bold enough to raise voice against atrocities that she faces from the society and her family members. Sri. Abhilash Divakar outlined the legal initiatives extended by Kudumbasree mission to help the women who are victims of domestic violence. The session was handled by Adv. Raji P Joy. She detailed the legal protection systems available in our country against domestic violence.







#### **Poster Making**

The D B College IQAC and Snehitha @ campus under Kudumbasree Mission, Kottayam jointly organized a poster competition for students of DBCT from July 7<sup>th</sup> to July 9<sup>th</sup>. The topic was "Against Domestic Violence". Anagha Madhu, Adarsh A U and Ganga Prasad won first, second and third prize respectively.



# Workshop on gender awareness

NSS Unit, DB College in association with District women and child development office (DWCDO) conducted an online workshop on January 15<sup>th</sup> 2022. The DWCDO comes under The Women & Child Development Department, Kerala government functions for ensuring the holistic, physical, psychological, cognitive and emotional developments of women and children and a gender sensitive family, community, programme and policy for the development and protection of women and children. They are responsible for policy making, formulation of programmes /schemes, implementation of development programmes, and co-ordination of efforts of both governmental and non-governmental organizations working in the field of Women and Child Development. The workshop was led by Smt. D Sridevi, Gender Trainer who is a renowned writer and women activist. The speaker stressed that the gender disparities women are facing is mainly because of their attitude. The speaker advised the volunteers to develop the skill and ability to view society from the perspective of gender roles and understand how this has affected women's needs in comparison to the needs of men. The concept of gender awareness was discussed in detail. She concluded that gender awareness program were done to promote and encourage a general understanding of gender-related challenges, for instance, violence against women and the gender pay gap. It also aims to show how values and norms influence our reality, reinforce stereotypes and support the structures that produce inequalities.



# Dowry prohibition act and protection of women from domestic violence

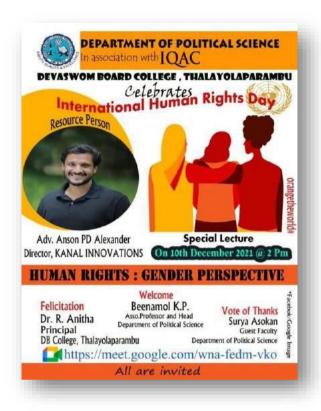
NSS Unit of DB College in association with Taluk legal Services Committee, Vaikom and Bar association Vaikom organized a webinar entitled 'Dowry prohibition act and protection of women from domestic violence' on 12<sup>th</sup> August 2021. Adv Vishnu PS from legal services society Kottayam was the resource person. He educated the students that as per Dowry Prohibition Act, demanding/taking/giving dowry is illegal under Section 498A, Indian Penal Code and makes harassment of a woman for dowry, a crime. He also reinstated that the Protection of Women from Domestic Violence Act of 2005 is an Act to provide for more effective protection of the rights of women guaranteed under the Constitution who are victims of violence of any kind occurring within the family and for matters connected therewith or incidental thereto.



# GENDER SENSITIZATION PROGRAMMES

# **Human Rights: Gender Perspective**

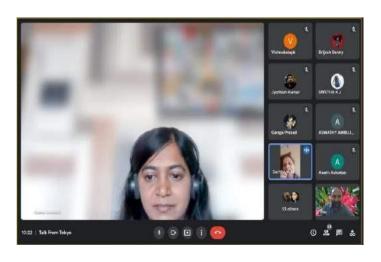
Department of Political Science, Devaswom Board College Thalayolaparambu in association with IQAC organized a special lecture titled 'Human Rights: Gender Perspective' as part of the Human Rights Day celebration on 10<sup>th</sup> December 2021. Adv. Anson PD Alexander, Director, Kanal Innovations delivered the special lecture. In this session a gender based analysis was made by the speaker who chiefly addressed the gender issue by highlighting gender equality. The session dealt with the different problems faced by the women in society, the discrimination based on sex etc. The session also addressed different types of instruments safeguards provided for women in National as well as International level. 90 students participated in the lecture.



# **NCC ACTIVITIES**

# A talk from tokyo

NCC, DB College organised a webinar entitled "Talk From Tokyo" on 6<sup>th</sup> August 2021 in connection with Hiroshima day observance. ANO Lt. Dr. Hari Narayanan introduced the resource person Ms. Nasee Melethil to the audience. Ms Nasee briefly talked about the background of atomic bombing and why Hiroshima was chosen as a target. Then she shared photos of Hiroshima and monuments of nuclear bombing. She talked about Shigeru's lunchbox, Shin's tricycle, The Children's Peace Monument, Sadako Sasaki, aftermath of nuclear attack, Japanese hope and will for recovery and how oleander flowers symbolise Japanese optimism. She talked about a war survivor who worked with her and shared photos. This talk was followed by an interactive session between the resource person and the cadets.



# **EXTENSION ACTIVITIES**

# Cleaning activity-Gandhi statue and surroundings

DB college NCC unit celebrated the day as service day on behalf of the birthday of the 'Father of our nation' Mahatma Gandhi. The unit cleaned up the Gandhi statue and its surroundings near the Vaikom Satyagraha Memorial hall. 23 cadets participated in this extension activity.



# Cleaning activity- Vaikom Boat Jetty and temple premises

NSS volunteers of DB College cleaned Vaikom Boat Jetty and temple premises on November 27<sup>th</sup> 2021 after Vaikathashtami. Vaikathashtami is a very popular 12 day festival at Vaikom Mahadeva temple which is attended by thousands of devotees every year. The festival is often followed by enormous waste dumping which is often difficult to manage when the huge crowd retreated. The volunteers were very much appreciated by the public for their effortin making the beach and temple premises clean after the festival. This activity was also reportedby the print media. Student followed strict covid protocol while doing the activity.



## Kaduthuruthy gramapanchayath public library cleaning and restoration

NSS volunteers of DB college actively participated in cleaning and restoration of Kaduthuruthy Grama panchayat library on December 2<sup>nd</sup> 2021 post the covid pandemic. Due to lockdown and the grave situation due to covid pandemic, closure of library was warranted. Many books were destroyed. Volunteers cleaned the books and restored the library to its original form.



#### Cleaning activity at Midayikunnam L P School

NSS volunteers participated in a cleaning activity at Midayikunnam L P School on 23<sup>rd</sup> March 2022 to facilitate school reopening after covid. The school was closed and had remained muddled for long. By strictly following covid protocol, students assembled in the school for cleaning activity. Cleaning was followed by sanitation and disinfection. The volunteers actively engaged themselves and invested maximum time and effort in this cleaning activity.



## Cleaning activity at Kareepadom LP School

NSS Volunteers actively participated in a cleaning activity at Kareepadom LP School on 24<sup>th</sup> March 2022. This was done in response to a special request by the Principal of the school. Although the school was 23 km away, NSS unit of DB College took up this task amidst strict covid restrictions. Student volunteers engaged themselves by cleaning every nook and corner of the school. Disinfection/sanitation was also done. The effort put in by the volunteers was well appreciated by the school authorities.



#### Disaster management-Team kerala/ Youth force training

NSS volunteers of DB College joined 'Team Kerala' venture by Kerala State Youth Welfare Board on March 25<sup>th</sup> 2022. Team Kerala was formed with the objective of making Kerala its own Voluntary Service Force by uniting the youth. These volunteers would be trained in disaster management and would render themselves useful in case of natural calamities or other tragedies. The objective of this programme was to prepare a team of volunteers who could engage in disaster management, relief work, waste disposal, palliative care, and awareness work. Information of young volunteers interested in the above fields was collected by this scheme and they were equipped in their field of interest. Resources and services from various government departments were utilized for this.

A two -day training program (stay camp) was given to 18 selected volunteers from our college at Chaitanya Auditorium, Thellakom, Kottayam as part of the training. The participants were trained in various fields such as karate, fire and disaster management, trekking, mountaineering, and primary care to boost their self-confidence.



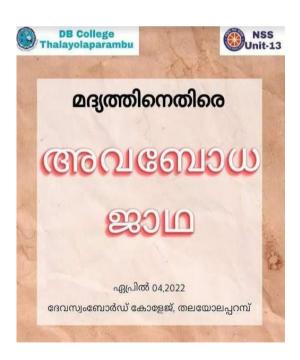
#### Distribution of toys and story books to midayikunnam lp school

Midayikunnam LP school is a private school situated in the proximity of DB College, Thalayolaparambu where most of the students come from economically poor background. In view of this, the staff club and IQAC, DB College distributed toys and story books to students of Midayikunnu L P School on March 31<sup>st</sup> 2022. Students were very happy and enthusiastic on receiving these and this activity was well appreciated by the school authorities.



## Awareness campaign against drinking

An awareness campaign against drinking was organized by DB College NSS unit on April 4<sup>th</sup> 2022 to educate the public about the consequences of alcohol consumption. Students interacted and communicated with local people about the hazards of alcoholism. They gave a clear idea about the negative impact an alcoholic creates on his family and society. Volunteers were able to convince the public about the effect of alcohol on physical and mental health of individuals. They urged the public to pull themselves out from the use of any kind of alcoholic beverages.



#### Awareness campaign against drug abuse

NSS Unit DB College Thalayolaparambu in association with 'PUNARJANI' Vaikom Subdivision Kerala Police participated in an Anti-drug campaign on April 4, 2022. Students distributed notices, communicated to local people of Thalayolaparambu area and educated them about the drastic consequences of drug abuse. They also met some vendors and tried to convince them to refrain from this practice as drugs will affect the future life of young generation.



## Special police officer spo

NSS volunteers were selected as special police officer or SPO for the Assembly electionheld on April 6. Special Police Officers were appointed by Kottayam SP and the student wereauthorized to work at Kaduthuruthy and Vaikom

## ENVIRONMENT RELATED PROGRAMMES

#### **Beauty of biodiversity**

Department of Botany and Nature club jointly organised a National webinar on the topic 'Beauty of biodiversity' on 9<sup>th</sup> June 2021. Sri Prabhu PM, Assistant conservator of forests, Kerala Forests and Wild life department delivered an interesting lecture on the fascinating aspects of flora and fauna across Periyar Tiger Reserve and other forests of Kerala. The talk was very exciting with captivating photos and illustrations of the speaker's experience in the wild. The webinar received considerable appreciation from the attendees. The session ended with an interactive session which was very lively and informative. The attendees bombarded the speaker with queries which opened avenues for an elaborate discussion on the topic.



#### Bucking the biodiversity crisis: Why do people-nature linkages matter?

Department of Botany and IQAC jointly organized a National webinar as part of Medha webinar Series on 14<sup>th</sup> June 2021. Dr. Dhanya Bhaskar, Chair person, Centre for policy studies, Indian Institute of Forest management, Bhopal & Associate Professor, Ecosystem & Environment Management delivered the key note address. She addressed the students on the current issues and the necessity of ecosystem management and restoration, under the heading 'Bucking the biodiversity crisis: Why do people-nature linkages matter?' The speaker pointed on the importance of maintaining the natural linkage between nature and the people by quoting several examples; and what happens when these linkages are broken. The talk was very much beneficial to the student community and there was a good participation of students with a Q & A session.



#### Awareness campaign

The green campus initiatives of our institution turned out to be much prolific during the year 2021-22 and included a variety of activities starting from World Environment Day. To promote the practice of sustainable utilization of resources and for making the campus more eco-friendly, all the students and staffs participated in an awareness campaign on World Environment Day through various social media platforms based on the theme "Save Environment: Save Biodiversity. Students shared videos and images to alert the public on the risks faced by biodiversity like habitat fragmentation, species extinction etc. By this effort, students were able to communicate the need of biodiversity conservation to the society at large. This was performed by the students of Department of Botany and members of Biodiversity club.



## Tree planting campaign

The Bhoomithrasena club and the "Nature Club" are having dedicated group of students who embodies the passion and devotion for Mother Nature. Their wholeheartedness in planting and caring of plants and making the campus clean are very much appreciable. The activities of the club includes Nature and Natural resource Awareness programs, Talks, campus beautification etc. As part of Tree planting campaign all the members planted a tree in their home premises.



## Awareness campaign

Department of Physics organized a 5 day awareness campaign in connection with Environment Day celebrations denoting different theme on each day. The programme was intended to create awareness among students on their role to preserve environment





# DEPARTMENT OF PHYSICS D B COLLEGE THALAYOLAPARAMBU





# DEPARTMENT OF PHYSICS D B COLLEGE THALAYOLAPARAMBU

## DAY 4 THEME



## **ACTIVITY 4**

- ♦ IDENTIFY A SERIOUS ENVIRONMENTAL ISSUE THAT IS PERVAILING IN YOUR LOCALITY
- SUGGEST A SOLUTION FOR THE SAME
- MAKE A WRITE UP
- ◆ SEND TO physicsdbct@gmail.com





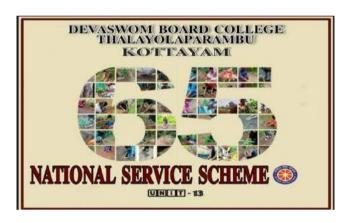






### Department of English organized an interdepartmental competition Prakrithi

NSS celebrated world environment day as part of World environment day which is celebrated annually on 5  $^{\rm th}$  June to encourage awareness and action for the protection of the environment. All volunteers planted sampling in their home premises and we done an album of the same .





#### **Hands-on training**

Another activity organized by NSS was a hands-on training (conducted in online mode) on how to manage home derived non-degradable wastes and the session was handled by one of the NSS volunteer. The programme enlightened the students on different waste management practices and economic means of handling wastes. Students were able to make use of used materials such as plastic bottles and polythene covers into attractive showpieces. This effort emphasized the practical approach to dealing with wastes in our surroundings





### Tree sapling planting

As part of the NCC day, tree saplings were planted at the college premises and a pledge was made to protect them as per the instructions of the Battalion.



#### Enumeration and identification of trees in the campus by Biodiversity Club members.







Identification and taxonomical study of herbaceous plants (belonging to 12 families) of the campus was done as part of the Final year project work by 24 students of Department of Botany.

Use of energy efficient equipment in the science lab, use of LED bulbs, regular practice of switching off of electrical appliances after usage are measures adopted to reduce power consumption. The solar power generated is fully utilized for the functioning of office.

Solid waste was recycled as vermi-compost by means of two pilot units in the Departments of Botany and Zoology. This was done solely with the effort of students. They actively participated from the initial step through the running phase till the harvesting of compost. This was initiated with future

perspectives such as giving a hands on experience to the students on how to transform the home derived waste to an organic manure and also aimed at practicing the same on an extensive basis in future.

Water efficient landscaping was done by the PTA. A rainwater harvesting system was installed in front of Block III with funding from TDB, Thiruvananthapuram. The filter for the same was designed by the PG students of Department of Physics. This was done as a means of water conservation strategy.

The green campus initiatives by various clubs play a crucial role in developing a positive attitude among the students and staffs in adopting sustainable lifestyles and practices in their future life