

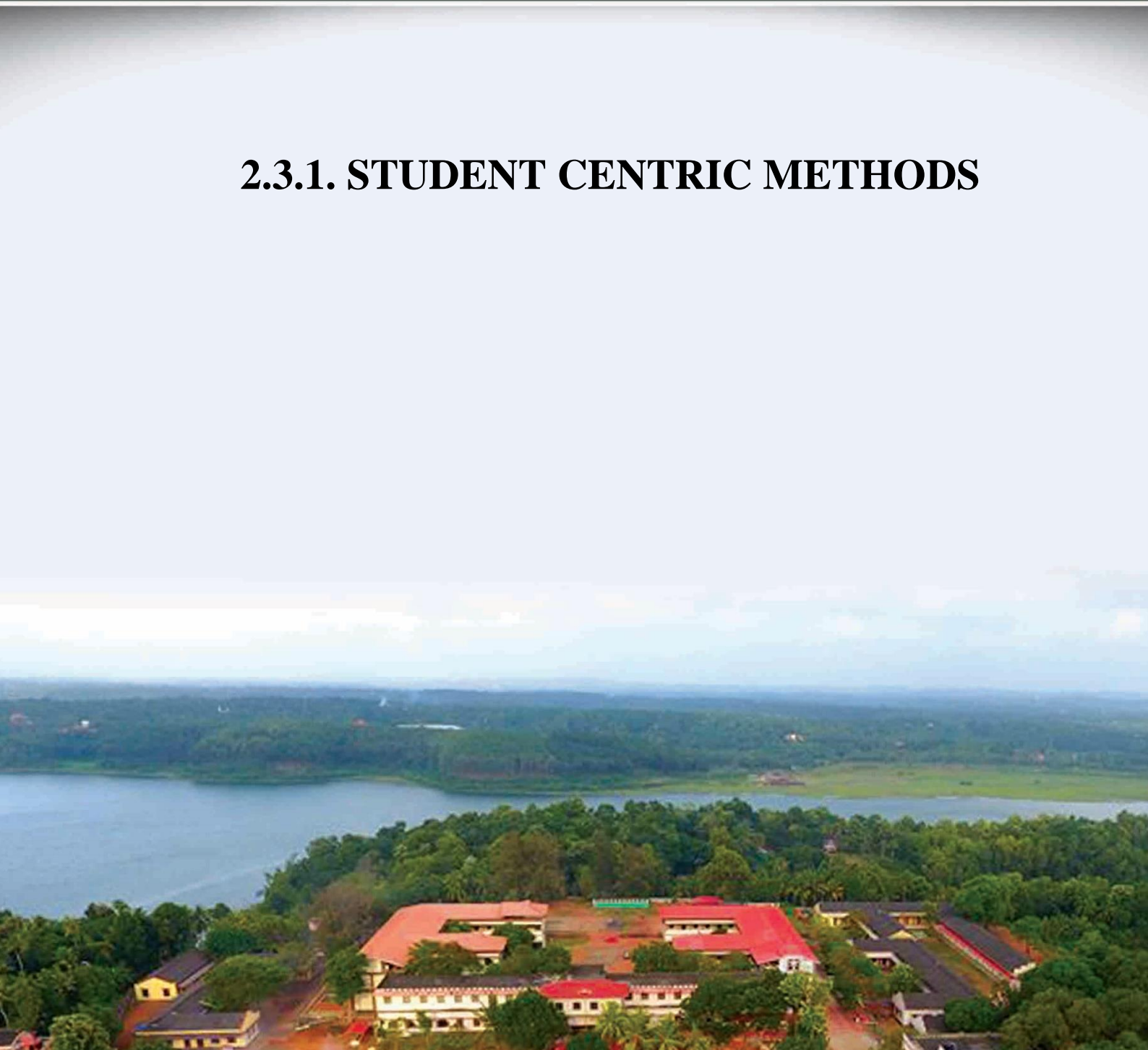


KUMBALATHU SANKUPILLAI MEMORIAL DEVASWOM BOARD COLLEGE

**(Re-accredited with 'A' Grade by NAAC)
SASTHAMCOTTA, KOLLAM District, KERALA**

CRITERION 2

2.3.1. STUDENT CENTRIC METHODS





EXPERIENTIAL LEARNING

- ❖ [Water Quality Analysis of Sasthamcotta Lake](#)
- ❖ [LED Bulb making workshop](#)
- ❖ [Field study](#)
- ❖ [Conserving bio diversity](#)
- ❖ [Mushroom Cultivation Workshop](#)
- ❖ [Community based activities](#)
- ❖ [Campus market](#)

PARTICIPATIVE LEARNING

- ❖ [Laboratories](#)
- ❖ [Peer teaching](#)
- ❖ [Samskrithavahini](#)
- ❖ [Koodu](#)
- ❖ [Live stock market interface](#)
- ❖ [Foodies – Food fest by students](#)

PROBLEM SOLVING METHODOLOGIES

- ❖ [Government funded projects](#)
- ❖ [Projects and Internship](#)




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WATER QUALITY ANALYSIS OF SASTHAMCOTTA LAKE

2016-17

As a part of extension activity of Department of Botany, a study was conducted to analyse the water quality of Sasthamkotta lake, under the supervision of Ms. Lekshmy Sreekumar, Assistant Professor of Department of Botany. Dr. P. Geeta Krishnan Nair, Head of the Department of Botany, and Ms. Dhanya S.R., Assistant Professor of Department of Botany, also offered valuable suggestions. 10 students participated. Study was conducted on 7-3-2016

Well water samples from different localities were analyzed for preliminary screening. Those samples tested positive were further subjected to microbiological analysis in CEPCI (Cashew Export Promotion Council of India) for testing total coliforms and the two subgroups thermotolerant fecal coliforms and E. coli. The result indicated that the water tested was contaminated highly with fecal materials. Water pollution caused by fecal contamination is a serious problem due to the potential for contracting diseases from pathogens. The presence of pathogens is determined with indirect evidence by testing for an "indicator" organism such as coliform bacteria. Coliforms are easy to identify, are usually present in larger numbers than more dangerous pathogens and respond to the environment, waste water treatment and water treatment similarly to many pathogens. As a result, testing for coliform bacteria can be a reasonable indication of whether other pathogenic bacteria are present.

Thus, the public people around the locality were advised to take proper measures to solve the coliform problem. It can sometimes be solved with relatively simple actions like chlorination, boiling, and adding disinfectants. Thus awareness programs were conducted to revive the quality of Sasthamcotta lake




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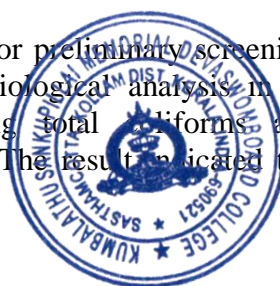
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2017 -2018

As a part of extension activities of Department of Botany drinking water and well water samples from different localities of Sasthamkotta Panchayath and different parts of the lake was analyzed for coliform bacteria. The study was conducted under the guidance of Ms.Lekshmy Sreekumar, Head of the Department of Botany, Dr.P. Geeta Krishnan Nair and Ms.Dhanya S.R, Assistant Professor of Department of Botany, also offered valuable suggestions. 8 students participated in the study .Samples were collected on 15-3-2017

Altogether twenty samples were analyzed for preliminary screening. Those samples tested positive were further subjected to microbiological analysis in CEPCI (Cashew Export Promotion Council of India) for testing total coliforms and the two subgroups thermotolerant fecal coliforms and E.coli. The result indicated that the water tested was



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contaminated highly with fecal materials. Water pollution caused by fecal contamination is a serious problem due to the potential for contracting diseases from pathogens. The presence of pathogens is determined with indirect evidence by testing for an “indicator” organism such as coliform bacteria. Coliforms are easy to identify, are usually present in larger numbers than more dangerous pathogens and respond to the environment, waste water treatment and water treatment similarly to many pathogens. As a result, testing for coliform bacteria can be a reasonable indication of whether other pathogenic bacteria are present.

Awareness programmes were conducted and the public people around the locality were advised to take proper measures to solve the coliform problem.



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2018-2019

Department of botany analysed the water quality of Sasthamcotta lake under the supervision of Ms. Lekshmy Sreekumar. Eight students from the department of botany participated in the study, conducted on 11-02-2018. Samples from different localities of Sasthamkotta Panchayath and different parts of the lake were analyzed for coliform bacteria. Altogether twenty samples were analyzed for preliminary screening. The result indicated that the water tested was contaminated highly with fecal materials. Water pollution caused by fecal contamination is a serious problem due to the potential for contracting diseases from pathogens. The presence of pathogens is determined with indirect evidence by testing for an "indicator" organism such as coliform bacteria. Coliforms are easy to identify, are usually present in larger numbers. As a result, testing for coliform bacteria can be a reasonable indication of whether other pathogenic bacteria are present.

Thus, the public people around the locality were advised to take proper measures to solve the coliform problem. It can sometimes be solved with relatively simple actions like chlorination, boiling, and adding disinfectants. Thus awareness programs were conducted to revive the quality of Sasthamcotta lake.




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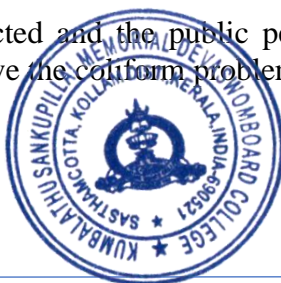


2019 - 2020

As a part of extension activities of Department of Botany drinking water and well water samples from different localities of Sasthamkotta Panchayath and different parts of the lake was analyzed for coliform bacteria. The study was conducted under the guidance of Ms. Lekshmy Sreekumar Head of the Department of Botany, Dr. P. Geeta Krishnan Nair and Ms. Dhanya S.R, Assistant Professor of Department of Botany, also offered valuable suggestions. . Eight students from the department of botany participated in the study, conducted on 11-12 -2019.

. Students of the Department of botany participated in the collection of samples. Altogether twenty samples were analyzed for preliminary screening. Those samples tested positive were further subjected to microbiological analysis in CEPCI (Cashew Export Promotion Council of India) for testing total coliforms and the two subgroups thermotolerant fecal coliforms and E.coli. The result indicated that the water tested was contaminated highly with fecal materials. Water pollution caused by fecal contamination is a serious problem due to the potential for contracting diseases from pathogens. The presence of pathogens is determined with indirect evidence by testing for an “indicator” organism such as coliform bacteria. Coliforms are easy to identify, are usually present in larger numbers than more dangerous pathogens and respond to the environment, waste water treatment and water treatment similarly to many pathogens. As a result, testing for coliform bacteria can be a reasonable indication of whether other pathogenic bacteria are present.

Awareness programmes were conducted and the public people around the locality were advised to take proper measures to solve the coliform problem.




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2020_2021

With the involvement students of Department of Botany and of members of BhoomitraSena club, physicochemical and microbiological analysis of water quality of Sasthamkotta lake and well samples of Sasthamkotta Panchayat was conducted .

Study was conducted under the supervision of Ms.Lekshmy Sreekumar, Assistant Professor of Department of Botany. Head of the Department of Botany,Dr.P. Geeta Krishnan Nair and Ms.Dhanya S.R, Assistant Professor of Department of Botany, also offered valuable suggestions. Eight students from the department of botany participated in the study, conducted on 18-12 -2020.

Water pollution caused by fecal contamination is a serious problem due to the potential for contracting diseases from pathogens. The presence of pathogens is determined with indirect evidence by testing for an "indicator" organism such as coliform bacteria. Coliforms are relatively easy to identify, are usually present in larger numbers than more dangerous pathogens. As a result, testing for coliform bacteria can be a reasonable indication of whether other pathogenic bacteria are present or not.

Drinking water and well water samples from different localities of the Sasthamkotta panchayath and different parts of lake was analysed for coliform testing Altogether 20 samples were analysed for preliminary screening. Those samples tested positive were further subjected to physicochemical and microbiological analysis in CEPCI (Cashew Export Promotion Council Of India) for testing total coliforms and the two subgroups thermotolerant faecal coliforms and E.Coli. The results indicated that the water tested was highly contaminated with the fecal material of man or other animals. The Presence of fecal contamination is an indicator that a potential health risk exists for individuals exposed to this water. Fecal coliform bacteria may occur in ambient water as a result of the overflow of domestic sewage or nonpoint sources of human and animal waste.

Thus the public around the locality were advised to take proper measures to solve this issue.

Program 2 .

Awareness campaign were conducted among common people to promote sustainable development goals.




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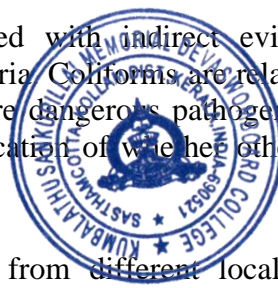
2021-2022

As a part of extension activity of Department of Botany, a study was conducted to analyse the water quality of Sasthamkotta lake, under the supervision of Ms. Lekshmy Sreekumar, Assistant Professor of Department of Botany. Head of the Department of Botany, Dr. P. Geeta Krishnan Nair and Ms. Dhanya S.R., Assistant Professor of Department of Botany, also offered valuable suggestions. Ten students from department of Botany and Bhoomitra sena club went for sample collections. Study was conducted on 28-10-2021. Second set of samples were collected on 16-04-2022.

Water pollution caused by fecal contamination is a serious problem due to the potential for contracting diseases from pathogens

The presence of pathogens is determined with indirect evidence by testing for an "indicator" organism such as coliform bacteria. Coliforms are relatively easy to identify, are usually present in larger numbers than more dangerous pathogens. As a result, testing for coliform bacteria can be a reasonable indication of whether other pathogenic bacteria are present or not.

Drinking water and well water samples from different localities of Sasthamkotta panchayath and different parts of lake was analysed for coliform testing. Public were given awareness classes.



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LED BULB MAKING WORKSHOP

KSMDB COLLEGE, SASTHAMCOTTA



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DEPARTMENT OF PHYSICS

In association with DBC STAR College Scheme

Workshop on LED Bulb Making

15 - 16

March 2022



Inauguration

Dr. B Beena
Principal & Professor
KSMDB College,
Sasthamcotta



Resource Person

Dr. Rakesh Chandran S.B
Assistant Professor
SD College, Alappuzha

Co ordinator : Dr. Remya G R

Contact: 9497691864

Organizing Committee: Dr. Deepa S (HoD of Chemistry and DBT STAR Co ordinator) ,Dr Jayasree V (HoD), Dr Shemeena Basheer N, Dr. Nisha S Panicker, Smt. Sreelekshmy S V.




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REPORT – LED bulb Making



The Department of Physics organized a workshop of LED bulb making as an interdepartmental as well as an extension activity during the year 2021-22 in association with DBT STAR College Scheme. The programme was conducted on 15th and 16th march 2022. The workshop was inaugurated by **Dr. B Beena, Principal and Professor** in the Physics lab on 15th March. The programme began at 10:30 am with a prayer song by students (Parvathy Das and Meenakshy M.S). About 50 students including students from other departments participated in the programme. Dr.Remya G.R addressed the gathering with a warm welcome. It was followed by the Presidential address by the Head of the Department, **Dr Jayasree V** in which she stressed the importance of LED making among students. LED bulbs are electric lamps containing numerous clusters of LEDs mounted on a base. They generate a lower heat output, offer a better color rendering index (CRI), and are eco-friendly. As compared to conventional bulbs, such as fluorescent and incandescent lights, LED bulbs have a longer lifespan, reduced energy consumption, and compact size. They are available in various wattages, shapes, colors, and dimmable controls. As a result, LED bulbs are widely used in general lighting, street lighting, signal and signage, healthcare, forensics, etc. The Resource Person was **Dr. Rakesh Chandran S.B, Assistant Professor, SD College, Alappuzha** and gave proper guidance for making LEDs. Students from various disciplines join together and made the programme a great success. This programme helped to develop a general awareness of energy management among students.



FIELD STUDY

As per the ardent demand of the current scenario and keeping importance of youth's role for sustainable environment, the department of Botany has ignited and raised the level of environment consciousness among students and made them responsible towards the conservation of Sasthamcotta lake. Department of Botany plays an active role in not only promoting environmental consciousness among the Stakeholders community of the college but also in promoting environmental conservation among society.

Department of Botany has organized a study of Invasive alien species of Sasthamcotta Lake, under the supervision of Ms Dhanya S.R, Asst. Professor in Botany. Dr.GeethakrishnanNair.P ,H.O.D, Dept. of Botany and Ms Lekshmy Sreekumar, Asst.Professor in Botany also extend great support to this venture. A total number of 15 students of B.Sc Final year students participated and got field experience and gained the knowledge of the impact of invasive alien species in the different areas of Sasthamcotta lakeside. The study was conducted from 7/1/21 to 20/3/21. Invasive Alien species are major threat to biodiversity after habit destruction and are a major cost to the economic wellbeing of the ecosystem. They cause enormous and often irreversible harm to biodiversity around the ecosystem by displacing native and useful species and changing ecosystems. They are responsible for the extinction or decline of many species. Local field trips were conducted about the invasive species in Sasthamcotta lakeside and the information were taken into consideration for the study.

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 *Merrimiavitifolia*, *Mikania micrantha* and *Chromolaena odorata* are harmful to native species. *Merrimiavitifolia* alters the natural growth of native plants because it not only obstructs plenty of sunlight to reach surface layer but also its allelopathic exudates cause retardation in seedling growth of native plants and destruct the natural riparian vegetation of Sasthamcotta lake.




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YouTube link : <https://youtu.be/x0jPf-GWLEo>




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CONSERVING BIO DIVERSITY

The unit of Biodiversity Club was started in K.S.M.D.B College Sasthamcotta during the year 2016-2017. The formal inauguration of the Biodiversity club was done on 26/8/2016 by Dr.T.S Swapna, Principal Scientist, Kerala State Biodiversity Board. The Club celebrates World Environment Day on 5th June every year. The World Environment Day celebrations 2018 were observed in various ways with the purpose of inculcating a passion to protect and care for the biodiversity of Sasthamcotta Lake (Ramsar site). Biodiversity Club has started the preliminary works for the preparation of an account of the "Flora of Sasthamcottah Lake". The student members of the club take an active role in the various activities of the club such as planting trees, campaigning for the plastic-free campus, water conservation and protection of Sasthamcotta lake, formation and the operations of the Green Army, etc.



Major events organized in the past:

- Published a Book entitled " Campus Flora", August 26th, 2016.
- Seminar on the topic" Plant Diversity", January 30th, 2017.
- Seminar on the topic "Conservation of Biodiversity", November 11th, 2017.
- The club conducted a one-day Nature Camp at Shendurney Wild life Sanctuary.
- Seminar on the topic" Conservation of Forest Ecosystem", March 21st,2018.
- The biodiversity club coordinator has participated as Field Expert in the "Rapid Assessment Survey on Impact of Flood on Biodiversity- Community Perspective" conducted by the Kerala State Biodiversity Board from October 2018- November 2018.
- Organized an Exhibition of "Medicinal Plants" with an aim to create awareness on the value of medicinal plants and to promote their preservation, March 21st, 2019.
- State-level Webinar on the topic" Floral Diversity" was organized in connection with International Day for Biological Diversity 22nd May 2020.
- International Webinar on the topic "Sustaining Our Food Supply" was organized in connection with World Environment Day Celebration June 5th, 2020.




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BIODIVERSITY CLUB ACTIVITY REPORT

(2016 TO 2017)

Environment is responsible for creating conditions suitable for the existence of a healthy biosphere on this planet. Our life is dependable upon the environment; its absence causes many adverse and harmful effects. Without sustainable environment and natural resources, one cannot survive. Human existence on the earth will be endangered if we do not change out hostile attitude towards nature. Therefore, it is better to mend our ways and live in harmony with nature. People today, especially the young people, are concerned about the environment. So, it is important to conserve our nature by academic co- curricular activities.

Under collaboration with the Kerala State Biodiversity Board, a Biodiversity Club is functioning in the college, the main objective of which is to carry out programmes for conservation of local biodiversity in accordance with the Sate Biodiversity Acts. Under the Patronage of the Principal, K.S.M.D.B College Sasthamcotta , the Department of Botany is entrusted with the activities of the Biodiversity Club. Mrs. DhanyaS.R , Assistant Professor of the Department of Botany is the Co-ordinator of the activities of the Club in the College.

The main objectives of establishing the Biodiversity Clubs include

- In association with BMCs conduct biodiversity
- Involve in the activities of forming People's Biodiversity Registers
- Assessing the local biodiversity and come up with programmes on

Benefit sharing of biodiversity resources in association with BMCs

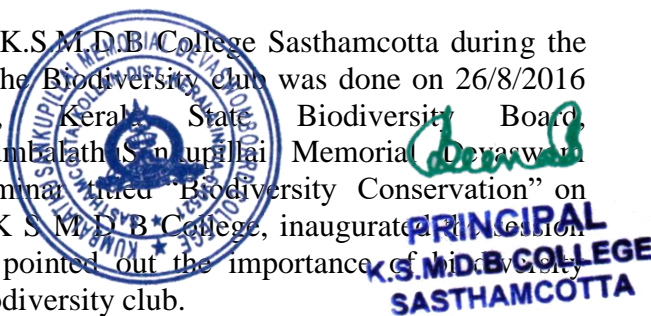
- Conducting awareness programmes on biodiversity conservation
- Equip younger generation to create biodiversity awareness in the

Community.

- Help to materialize Biodiversity conservation plans proposed by BMC of

the area.

The unit of Biodiversity Club was started in K.S.M.D.B College Sasthamcotta during the year 2016-2017. The formal inauguration of the Biodiversity club was done on 26/8/2016 by Dr.T.S Swapna, Principal Scientist, Kerala State Biodiversity Board, Thiruvananthapuram. Biodiversity Club ,Kumbalathu Sankupillai Memorial Devaswom Board College, Sasthamcotta, organized a seminar titled "Biodiversity Conservation" on 26th August 2016 Dr.Latheesh .D, Principal, K S M D B College, inaugurated the session and in the inaugural address, the Principal pointed out the importance of biodiversity conservation and initiatives undertaken by Biodiversity club.





Organizational structure of Biodiversity club.

Patron : Principal of the K.S.M.D.B College

Coordinator : Mrs. Dhanya S.R, Asst. Professor in Botany.

Executive committee :Dr. Mini Chandran.C ,Associate Professor in Zoology,

Dr.GeethakrishnanNair.P, Asst.Professor , Dept. of Botany,

Dr.Susmi Sabu, Asst. Professor ,Dept.of Sanskrit.

The image shows a Biodiversity Club registration card from the Kerala State Biodiversity Board. The card has a blue header with the text "BIODIVERSITY CLUB" and "KERALA STATE BIODIVERSITY BOARD". On the left, there is a logo of the Biodiversity Club and a yellow ribbon with the text "BDC CODE" and "KSBB/BDC/02070". On the right, there is a logo of the Kerala State Biodiversity Board. The main body of the card contains a form with the following fields: "Name of the institution" (D.B.College Sasthamcotta), "Address" (Sasthamcotta P.O, Kollam 690521), and "Date of formation of the club" (01-08-2016). Below the form, there are two signatures: "Chairman" and "Member Secretary". At the bottom, there is contact information for the Kerala State Biodiversity Board, including the address, phone number, and website.

BIODIVERSITY CLUB
KERALA STATE BIODIVERSITY BOARD

BDC CODE
KSBB/BDC/02070

Name of the institution.....D.B.College Sasthamcotta.....

Address.....Sasthamcotta P.O.....
.....Kollam 690521.....

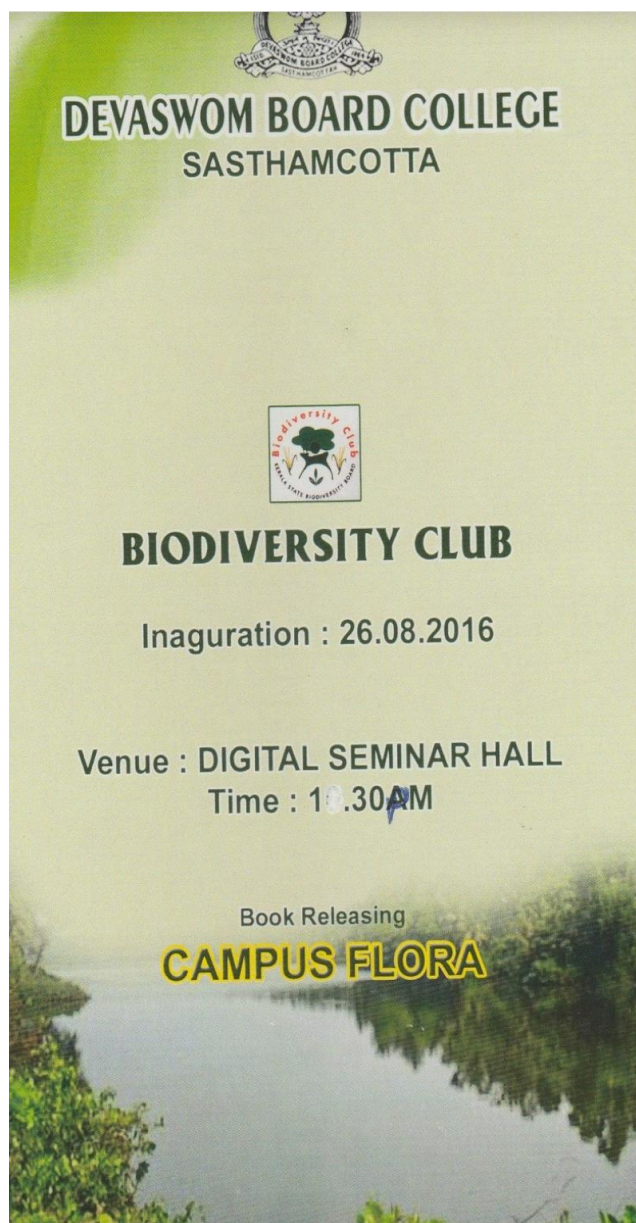
Date of formation of the club:.....01-08-2016.....

Chairman Member Secretary

Kerala State Biodiversity Board, L-14, Jai Nagar, Medical College P.O. Thiruvananthapuram 695011,
Phone: 0471-2554740, www.keralabiodiversity.org, keralabiodiversity@gmail.com



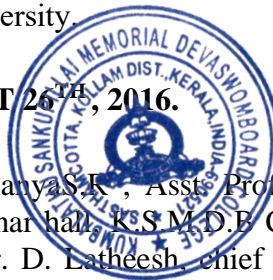
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Student participation in floristic study at the college level is essential for the longevity and expansion of Biodiversity, Botany, Plant ecology, and their many associated fields, but knowledge and college course options have been decreasing. In many cases students are unaware of the botanical biodiversity that is right in front of their eyes. We started a project called Flora of D.B College Campus , which provides students with hands-on outdoor fieldwork as an engaging and effective way to experience Floral diversity first hand. In 2016-17, 12 students participated in this project. This project strongly increased the students' knowledge of local plants and floral diversity.

BOOK RELEASE CEREMONY ON AUGUST 26th, 2016.

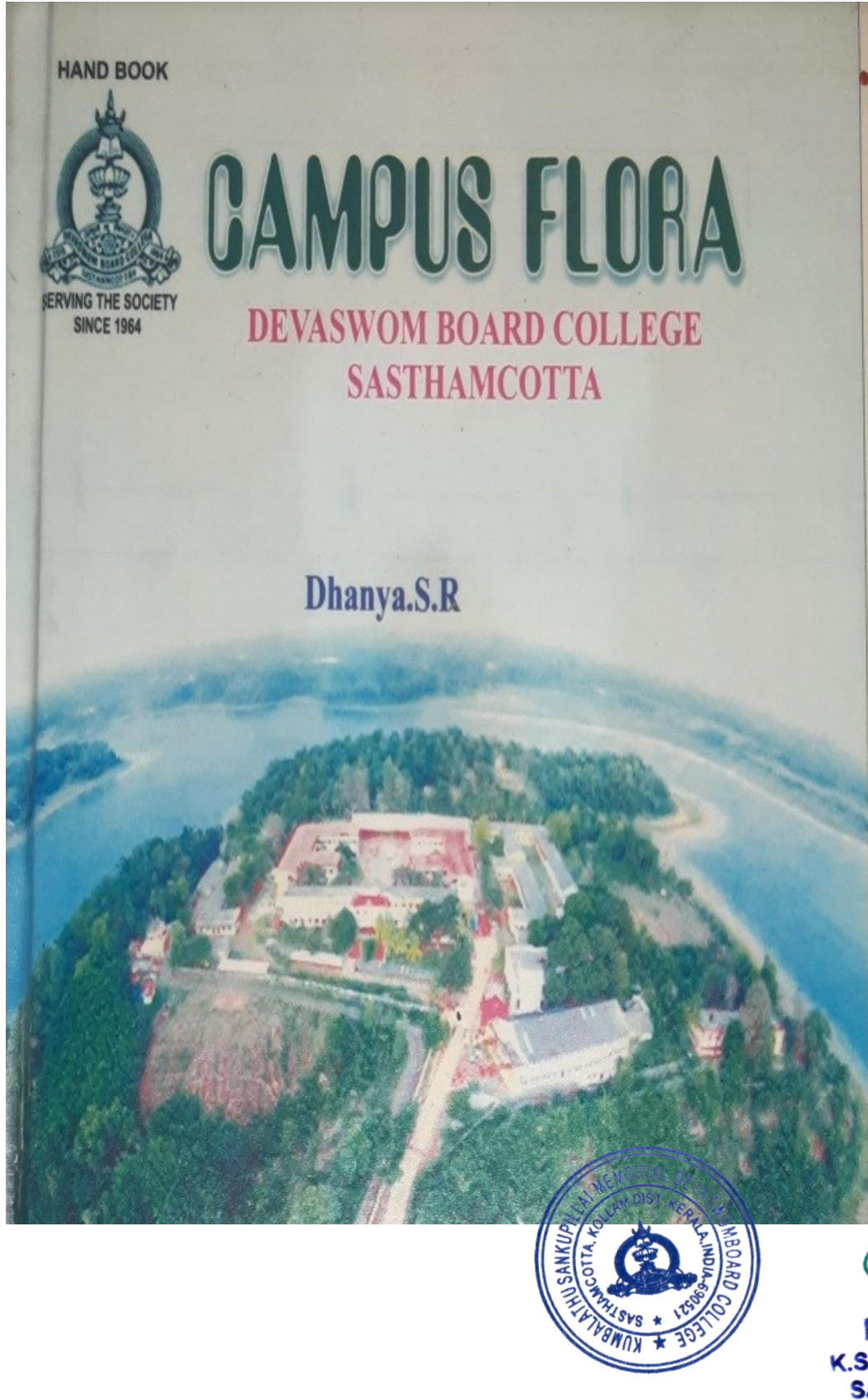
A book titled “**Campus Flora**” written by Dhanya S.K ; Asst. Professor in Botany was published on 26 th August 2016 at Digital Seminar hall, K.S.M.D.B College Sasthamcotta. The meeting was presided over by Principal Dr. D. Lathesh, chief guest of the day was Dr.T.S Swapna, Principal Scientist, Kerala State Biodiversity Board, Thiruvananthapuram released the book by handing over the same to our principal. our club members like Ms



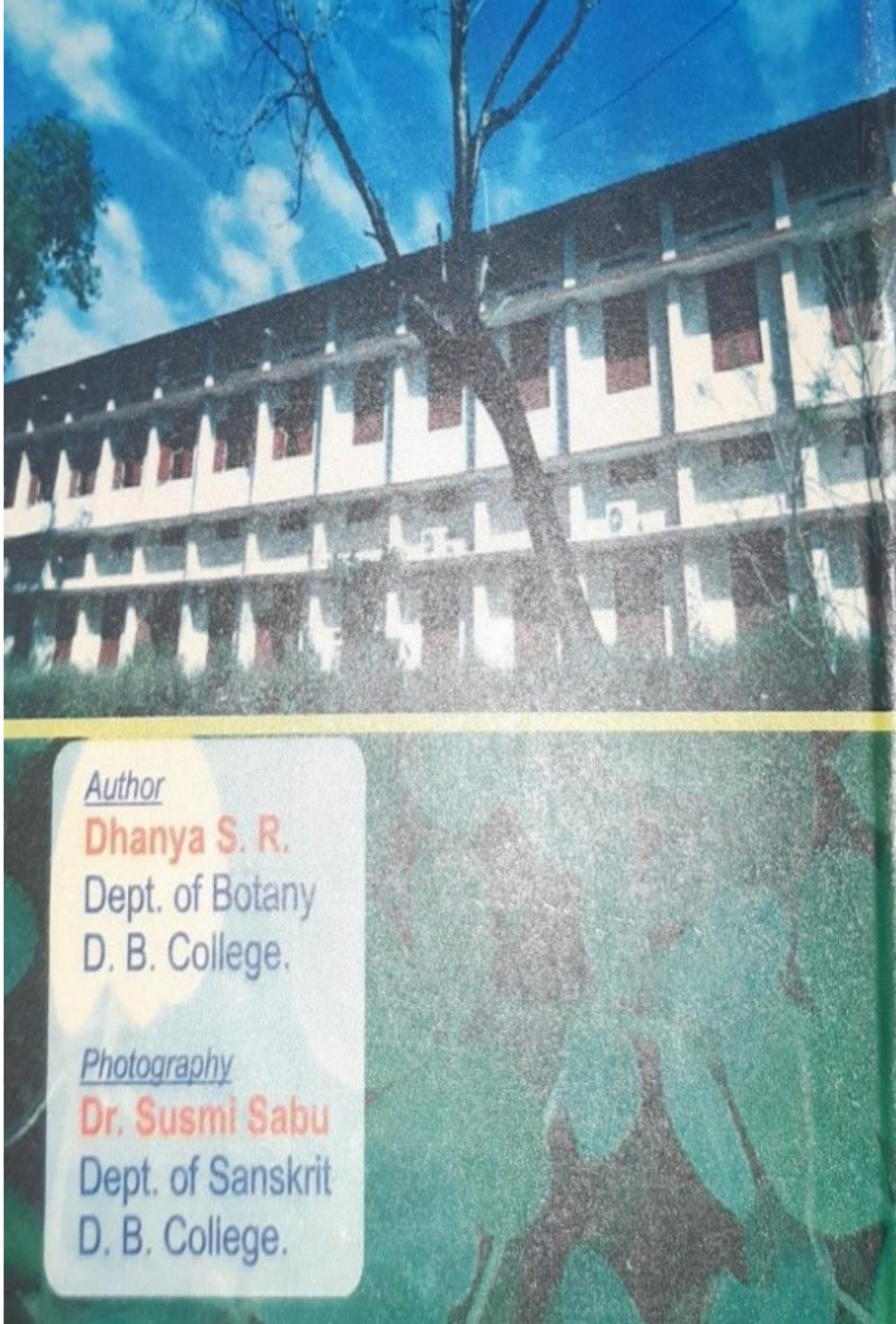
Dr. D. Lathesh
PRINCIPAL
K.S.M.D.B. COLLEGE
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Jincy, Ms Johina Raj, Ms Renjini and Ms Anjana. Dr.Susmi Sabu, Asst. Professor in Sanskrit and extended great support to this venture.



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BIODIVERSITY CLUB ACTIVITY REPORT

(2017 TO 2018)

ORGANIZATIONAL STRUCTURE OF BIODIVERSITY CLUB.

Patron : Principal of the K.S.M.D.B College

Coordinator : Mrs. Dhanya S.R, Asst. Professor in Botany.

Executive committee : Dr. Mini Chandran.C ,Associate Professor in Zoology,
Dr. Geethakrishnan Nair.P, Asst.Professor ,Dept. of Botany,
Dr. Susmi Sabu, Asst. Professor,Dept. of Sanskrit,
Dr. Preetha G Prasad, Dept.of Chemistry

OBSERVATION OF WORLD ENVIRONMENT DAY

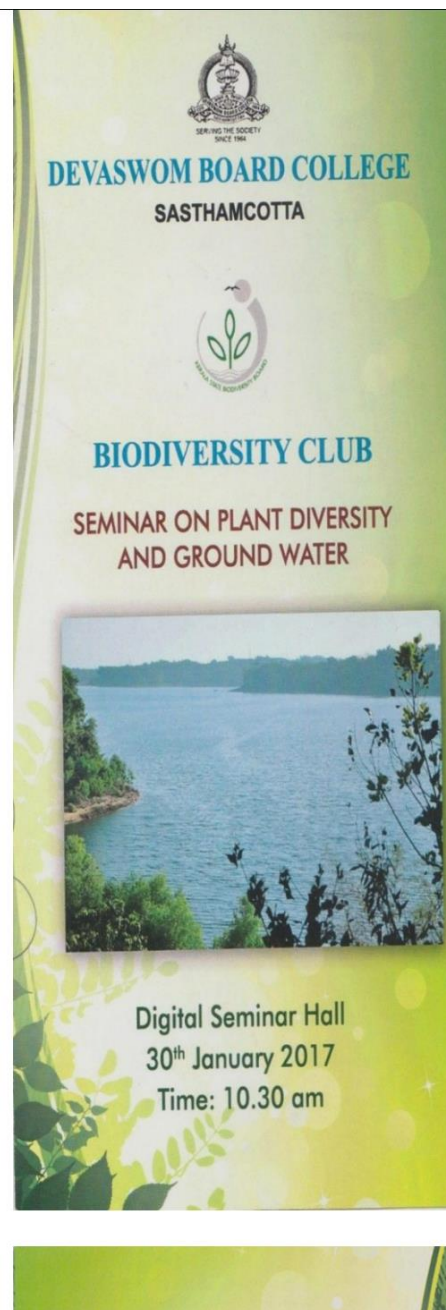
World Environment Day was celebrated with various students' activities on 5th June 2017. Connecting People to Nature', the theme for World Environment Day 2017, implores us to get outdoors and into the nature, to appreciate its beauty and its importance and to take forward the call to protect the earth that we share.

Biodiversity club members of the college planted tree sapling in the campus. 15 tree saplings were planted in the campus.

Like clean air, pristine water or rich biodiversity they are often taken for granted, at least until they become scarce. 'Ecosystem services', from insects pollinating fruit trees to the leisure, health and spiritual benefits of a hike up a Himalayan valley or Western Ghats mountains. This year's theme invites us to think about how we are part of nature and how intimately we depend on it.

The bio-diversity club was able to organize a series of activities because of the support of KSBB (Kerala State Biodiversity Board), Thiruvananthapuram an institution that is committed in inculcating scientific, technological & conservation practices in Biodiversity conservation.

The World Environment Day celebrations 2017 were observed in various ways with the purpose of inculcating a passion to protect and care for the biodiversity of Sasthamcotta Lake (Ramsar site).



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Biodiversity Club has started the preliminary works for the preparation of an account of the "Flora of Sasthamcottah Lake".

The student members of the club take an active role in the various activities of the club such as planting trees, campaigning for the plastic-free campus, water conservation and protection of Sasthamcotta lake, formation and the operations of the Green Army, etc.

A One day Seminar entitled "A Perspective on Plant Diversity" and "Ground water: The real hidden Treasure" has been conducted on 30th January 2017, at Digital Seminar Hall, D.B College, Sasthamcotta. This workshop has been sponsored by Kerala State Biodiversity Board (KSBB) Thiruvananthapuram. Biodiversity Club of D.B College, Sasthamcotta, Kollam conducted a Seminar on the topic "Plant Diversity and Ground water" on January 30, 2017. The seminar was sponsored by Kerala State Biodiversity Board (KSBB) Thiruvananthapuram, Government of Kerala. On the inaugural function, Dr.K. Mohanakumar (Principal D.B College Sasthamcotta), he emphasized the role of Biodiversity conservation and its importance in protecting the ecosystem and he advised students to come forward to converse the Sasthamcotta lake.

Dr. Kiran Raj M.S, Asst. Professor, S.N College, Kollam, has participated and spoke on the topic: A Perspective on Plant Diversity. In his speech, he emphasized the importance of Plant Diversity and its conservation. Dr. Sreela.S, Asst. Professor, S.N College, Varkala has participated and she gave a talk on the topic: Ground water: The real hidden Treasure". The entire session was an interactive session and the speakers answered many queries raised by the participants.

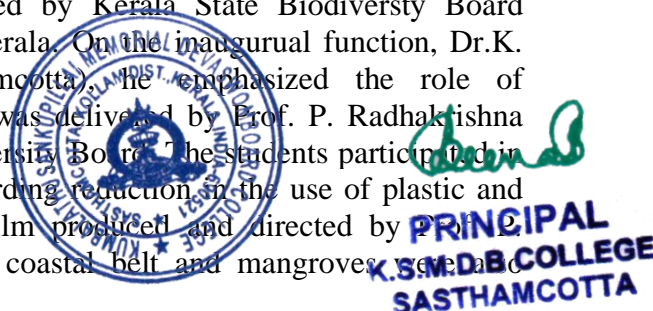
PROGRAMME	
Prayer	:
Welcome	: Dr.Susmi Sabu Dept. of Sankrit
Presidential Address	: Prof. Dhanya S.R Co-ordinator, Biodiversity Club.
Inaugural Address	: Dr.K Mohana Kumar Principal, D.B College Sasthamcotta
Felicitations	: Prof. K.R. Sankara Narayanan Dept. of English, Club Convenor : Prof. Arun Kumar. R Member, Kerala University Senate
Key Note Address	: Dr. Kiran Raj M.S Asst. Prof, Dept of Botany, S.N. College, Kollam ('A perspective on plant diversity')
Presentation	: Dr. Sreela S.R Asst. Prof, Dept of Geology, S.N. College, Varkala
Topic	: 'Ground Water : The Real Hidden Treasure'
Vote of Thanks	: Arya Krishnan.B

BIODIVERSITY REGISTER

Biodiversity club has started the preliminary works for the preparation of Biodiversity register and "Flora of the Sasthamcotta lake" in association with Botany department.

Conservation of Biodiversity and impact of hazardous plastic.

One day Seminar entitled "Conservation of Biodiversity and impact of hazardous plastic" has been conducted on 1st November 2017, at Digital Seminar Hall, D.B College, Sasthamcotta. This workshop has been sponsored by Kerala State Biodiversity Board (KSBB) Thiruvananthapuram, Government of Kerala. On the inaugural function, Dr.K. Mohanakumar (Principal D.B College Sasthamcotta), he emphasized the role of Biodiversity conservation. The key note address was delivered by Prof. P. Radhakrishna Kurup, District coordinator of Kerala State Biodiversity Board. The students participated in the interactive session and put forward ideas regarding reduction in the use of plastic and other biodegradable materials. A documentary film produced and directed by P. Radhakrishna Kurup based on the protection of coastal belt and mangroves was exhibited in the afternoon session.





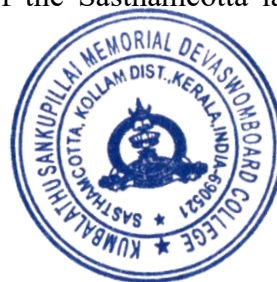
SEMINAR ON BIODIVERSITY CONSERVATION



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BIODIVERSITY REGISTER: Biodiversity club has started the preliminary works for the preparation of Biodiversity Register and “Flora of the Sasthamcotta lake” in association with Botany department.



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The first step towards conservation is sustainable utilization of biodiversity and its documentation. Biodiversity and associated knowledge is found in different ecosystems, under different legal management regimes and hence the results and manner of documentation will also differ. Documentation of knowledge of individuals with regard to biodiversity and its uses is an important part of Biodiversity Register. Every effort should be made to identify the persons with proven knowledge of local biodiversity; special attention should be given to the elderly persons who can also provide informations on the biodiversity which was available in the past but no longer seen at present. The document can be a very useful tool in the management and sustainable use of bioresources. The document can also be a very useful teaching tool for teaching environmental studies at college level.

WORLD WETLAND DAY CELEBRATION – 2nd FEBRUARY 2018.

Distribution of endemic rare plant saplings. Botany department and Biodiversity Club of the college distributed endemic plant saplings to students. The plants were collected from Community Agrobiodiversity Centre (CABC), Wyanad. In the presence of Associate Professor, University of Kerala inaugurated the programme by giving first plant sapling to Biodiversity club member Arathi.P on February 2nd 2018 this year's World Wetland day.



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The members of Biodiversity club planted saplings in the college campus. The students were grouped and assigned the task to nurture the saplings planted in the campus. Retired teachers of Department of Botany , Former H.O.D Prof. Sathyaprakash , Prof. SavijaThankachi ,Prof. Valsala , Prof . Kunjamma and Alumni also participated in the event and planted saplings.



BIODIVERSITY CLUB ACTIVITY REPORT

(2018 TO 2019)

OBSERVATION OF WORLD ENVIRONMENT DAY



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The World Environment Day celebrations kick started on 4th June 2018 Saturday by hoisting the environment day banner at the college courtyard. Followed by that a one day programme was arranged named 'Tree walk'. The one day workshop began with an inaugural session. Dr.Geethakrishnan Nair, H.O.D , Department of Botany, welcomed the guests. Principal Dr. K. Beena inaugurated the session. Smt. DhanyaS.R . Convenor of College Biodiversity Club offered felicitation. After that the one day camp had three distinct sessions. In the first session, Smt. DhanyaS.R . Convenor explained the importance of riparian vegetation and its relevance in sustaining life.

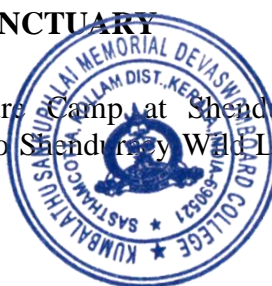
A Tree-walk was conducted in the Sasthamcotta lake premises on 04th June 2018. After that Biodiversity club volunteers shared their experience on tree walk they have experienced .


An environmental field trip was arranged for club members on 5th June 2018 to the banks of Sasthamcotta Lake for cleanliness drive . Total 35 Biodiversity club members have participated in this event.



FIELD TRIP TO SHENDURNEY WILD LIFE SANCTUARY

The Biodiversity club conducted a one-day Nature Camp at Shendurney Wild life Sanctuary. Students and faculty went on a field trip to Shendurney Wild Life Sanctuary on 22.12.2018.




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The sanctuary has thick forest cover and is also noted for many exotic plants, some of which are medically important. Four different types of vegetation have been found in Shenduruny. They include: West Coast tropical evergreen forest, West Coast tropical semi-evergreen forest, Southern moist mixed deciduous forest and the Southern hilltop tropical evergreen forest. Of these four, the tropical evergreen forest comprises one fourth of the total Shenduruny forest area. The Shenduruny forest, which was declared a wildlife sanctuary in 1984, gets its name from an endemic species of tree called *Chenkuruny* or *Shenkuruny* (*Glutatravancoria*). In the central region of this moist, mixed deciduous forest, spread over a hilly terrain of over 100 sq km is the 26 sq km artificial lake formed by the Parappar dam built across the Shenduruny and Kulathupuzha rivers.

Pneumatophores (Breathing roots) in Shendurney




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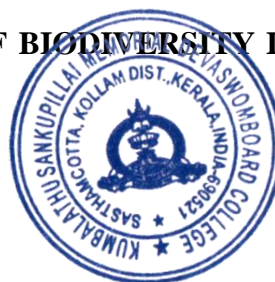


RAPID ASSESSMENT SURVEY ON IMPACT OF FLOOD ON BIODIVERSITY- AUGUST 2018

The report of Rapid Impact Assessment of flood on Biodiversity is a collaborative effort of Biodiversity Management Committee (BMC) and Kerala State Biodiversity (KSBB) with the technical inputs from a wide range of research institutes and stake holders. The objective of the process was to undertake a rapid assessment of the damages to ecosystem and Biodiversity after the floods and to lay the foundation for a recovery and ecosystem based reconstruction process at local level. The biodiversity club coordinator has participated as Field Expert in the "Rapid Assessment Survey on Impact of Flood on Biodiversity-Community Perspective" conducted by the Kerala State Biodiversity Board, Government of Kerala from October 2018- November 2018.

A Joint team of subject experts Ms.Dhanya S.R ,Asst. Professor in Botany (Biodiversity club convener) , Dr.Manju.M , Asst.Professor in Zoology and 5 Biodiversity club members(Rahul.S , Adarsh.M, Jegath.S , Arun.P and Sonu.S) with representation from KSBB was constituted to conduct a rapid impact assessment of floods in Munroe Islands. The team visited the affected areas and data was collected in a prescribed format using Open Data Kit software. Our team visited the affected areas in Munroe Islands to understand the extent and the nature of damage and record the findings.

FLOOD ASSESSMENT SURVEY ON IMPACT OF BIODIVERSITY IN MUNROE ISLANDS-2018




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Assessment survey on impact of flood in Munroe Islands



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Our team in Munroe Islands



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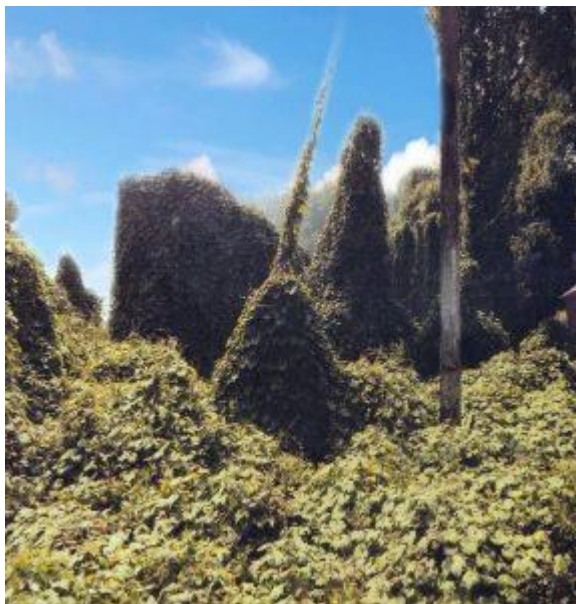


Documentation of invasive alien species of Sasthamcotta Lake.

Invasive alien species occur in all taxonomic groups, including animals, plants, fungi and microorganisms, and can affect all types of ecosystems. While a small percentage of organisms transported to new environments become invasive, the negative impacts can be extensive and over time, these additions become substantial. A species introduction is usually vectored by human transportation and trade. If a species' new habitat is similar enough to its native range, it may survive and reproduce.

The Biodiversity Club conducted the documentation of invasive alien species of Sasthamcotta lake which affect riparian natural vegetation of this fresh water lake in October 2018. The Biodiversity Club members attended the field trips to identify the invasive alien species. Students visited and collected samples from different areas of Sasthamcottalake .

IMPACT INVASIVE ALIEN SPECIES OF SASTHAMCOTTA LAKE




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DOCUMENTATION OF INVASIVE ALIEN SPECIES

EXHIBITION OF MEDICINAL PLANTS

Biodiversity club organized an Exhibition of "Medicinal Plants" with an aim to create awareness on the value of medicinal plants and to promote their preservation, March 20th, 2019. The Biodiversity club organized the medicinal plants exhibition at the College campus. The exhibition has the intension of creating awareness to the public about the utilization and importance of medicinal plants growing in this biosphere and elsewhere. We were also honored Smt. Sarawathyamma Vrikshamitra award winner of Kerala.

The medicinal plants exhibition stall was inaugurated by Dr. K. Beena , Principal , K.S.M.D.B College, Sasthamcotta. The main attraction of the exhibition was exhibiting nearly 100 rare medicinal species, and explaining their use and the important phytoconstituents present in them. The nutritive value of common fruits, pulses, cereals were also displayed.




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INAUGURATION OF MEDICINAL PLANTS EXHIBITION

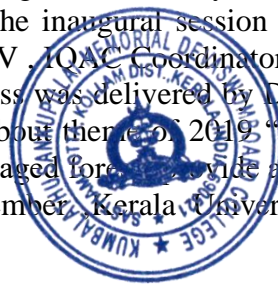


Beena B
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OBSERVATION OF WORLD FOREST DAY

World Forest Day celebrations started on 20th March 2018 by organizing an exhibition of medicinal plants. The Biodiversity club and IQAC jointly organized one day seminar on the topic "Biodiversity conservation" on 21st March 2019. The inaugural session was started with prayer followed by welcome address by Dr.Jayasree .V , IQAC Coordinator . Principal Dr. K. Beena inaugurated the session. The Key note address was delivered by Dr.P.SEasa , Former Director ,Scientist , KFRI, Peechi and he spoke about theme of 2019 "Forests and Education" and created awareness on how sustainably managed forests provide a wide array of contributions in this area. Prof .Arunkumar .R , Member , Kerala University Senate



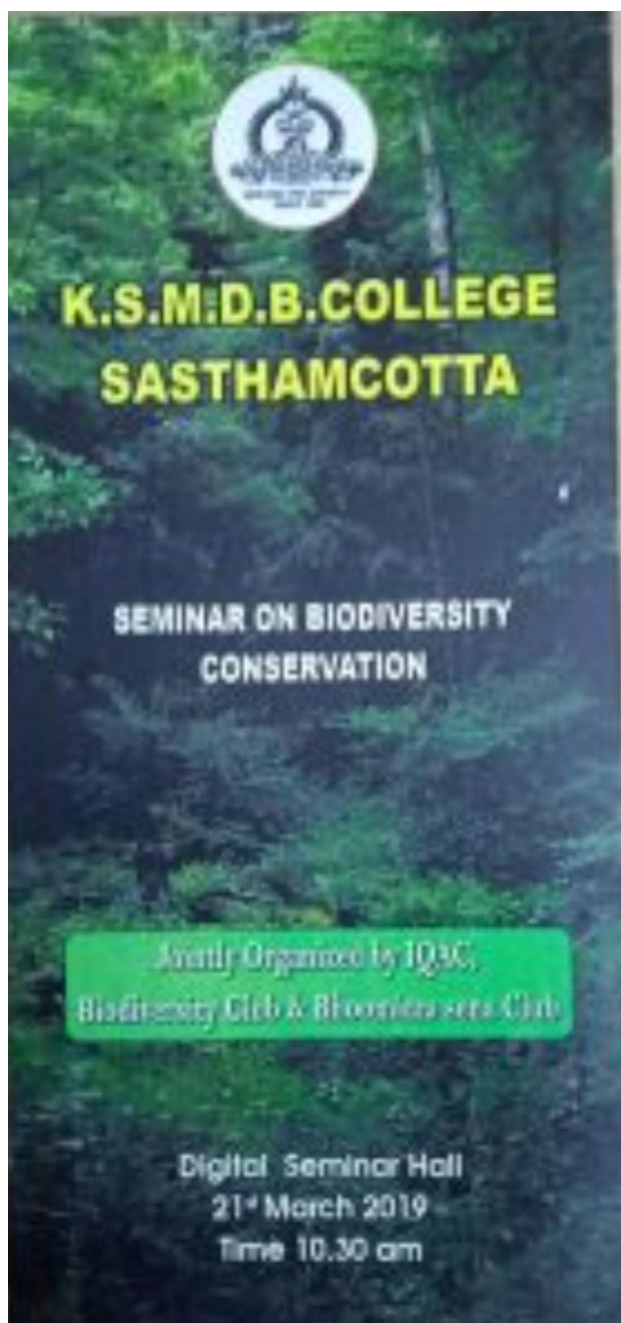
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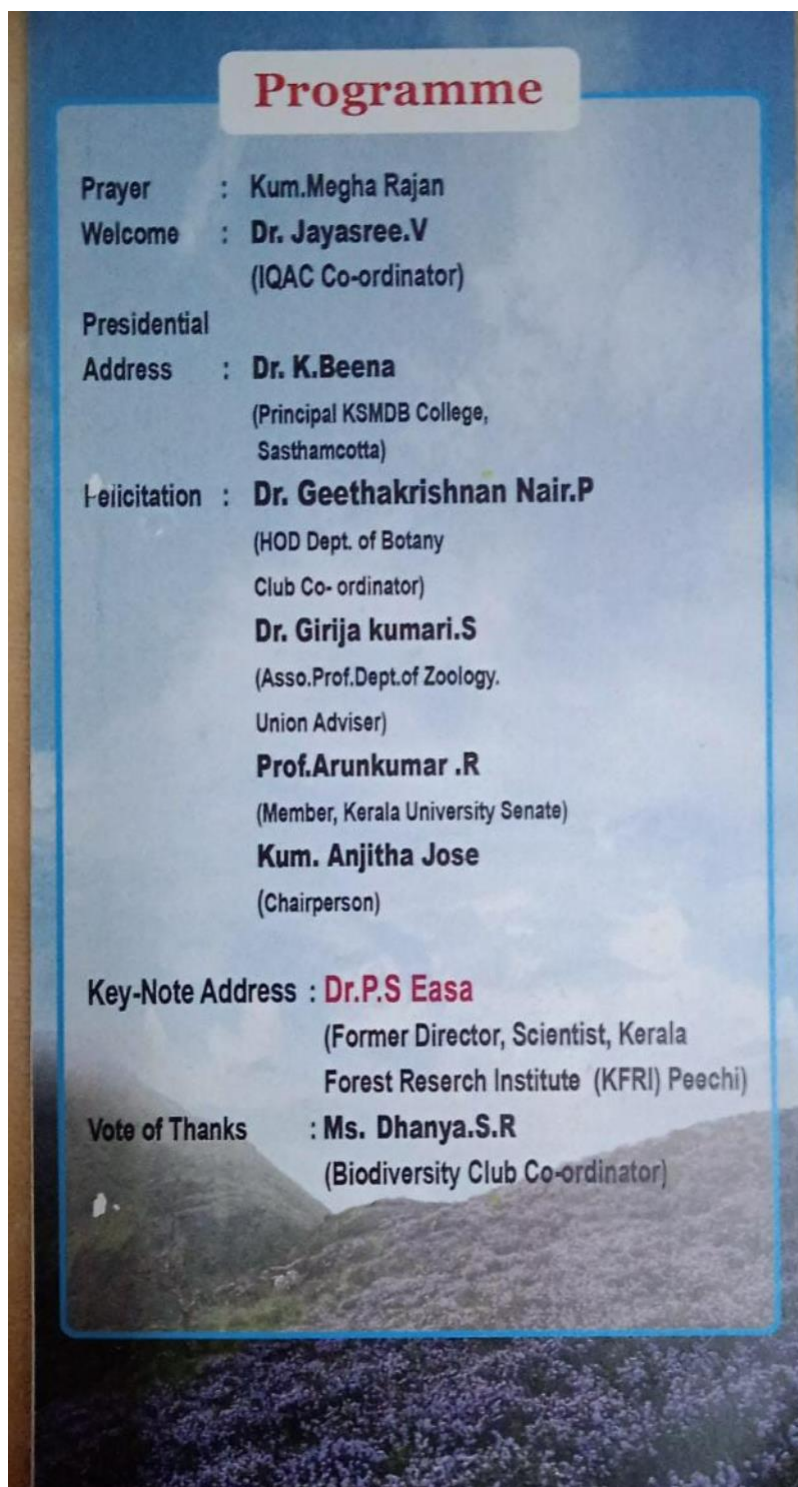
offered felicitation. Smt. Dhanya S.R, Coordinator Biodiversity club delivered vote of thanks.



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BIODIVERSITY CLUB ACTIVITY REPORT (2019 TO 2020)

ORGANIZATIONAL STRUCTURE OF BIODIVERSITY CLUB

Patron : Principal of the K.S.M.D. B College
Coordinator : Mrs. Dhanya S.R, Asst. Professor in Botany.




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SASTHAMCOTTA



Executive committee : Dr.GeethakrishnanNair.P,(H.O.D)Asst.Professor in Botany
Dr.Susmi Sabu, Asst. Professor in Sanskrit
Ms. Lisa Pavithran, Asst. Professor in English

OBSERVATION OF INTERNATIONAL BIOLOGICAL DIVERSITY DAY

International Day for Biological Diversity is observed on 22 May to create as well as enhance understanding and awareness of biodiversity issues. According to Convention on Biological Diversity, World Biodiversity Day was started at the United Nations General Assembly (UNGA) in 1993.

Theme of Biological Diversity Day 2020

The theme for the International Day for Biodiversity 2020 is “our solutions are in nature.”

The UN recognises that despite all technological advancements, humanity is completely dependent on a healthy and vibrant ecosystem for water, food, medicines and other essentials. The theme stresses on hope, solidarity and the importance of working together at all levels to build a future that is in harmony with nature.

The biodiversity club and Department of Botany jointly organized one day webinar on the topic “The Art of Utilising Floral Diversity” on 22nd May 2020. The formal inauguration of the Webinar was done by Dr. K.S Anilkumar, 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 relevance of Biodiversity conservation and theme of Biodiversity Day 2020. Dr.GeethakrishnanNair.P (HOD, Dept.of Botany) delivered the presidential address. In the inaugural speech, Dr. K.S Anilkumar , Principal, K.S.M.D.B College mentioned the importance of Biodiversity conservation. The Key note address was delivered by Smt.Devipriya .D, Asst.Professor in Botany, S.N College Kollam and she spoke about theme of 2020 and floral diversity and created awareness on how sustainably managed and conserved floral diversity . Dr.Jayasree .V , IQAC Coordinator offered felicitation to the Webinar.




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BIODIVERSITY CLUB ACTIVITY REPORT

(2019 TO 2020)

ORGANIZATIONAL STRUCTURE OF BIODIVERSITY CLUB.

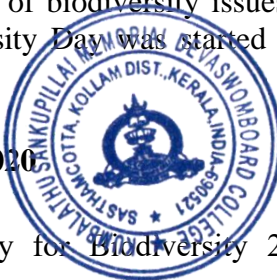
Patron : Principal of the K.S.M.D.B College
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Executive committee : Dr. Geethakrishnan Nair, P., (H.O.D.), Asst. Professor in Botany
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**BIODIVERSITY CLUB
(KSDB/BDC/2070)&
DEPARTMENT OF BOTANY**

**LIVE WEBINAR (ZOOM CLOUD MEETING)
VIRTUOSA 2020**

**INTERNATIONAL DAY FOR
BIOLOGICAL DIVERSITY 22 MAY 2020**

WEBINAR TOPIC

THE ART OF UTILISING FLORAL DIVERSITY
<https://forms.gle/zezEQeE5SmMC8nfc7>

Inauguration by
Dr.K.S ANILKUMAR
Principal KSMDBC

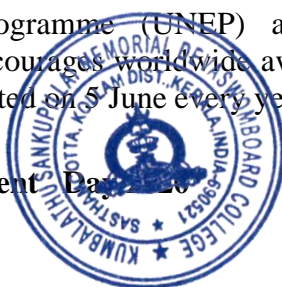
Resource Person :
Smt.Devipriya .D
Asst.Professor,
S.N Women's College, Kollam

Biodiversity Club Co-ordinator:
Smt.Dhanya S.R
☎ 9846600107

OBSERVATION OF WORLD ENVIRONMENT DAY

The UN Environment Programme (UNEP) annually organizes events for World Environment Day, which encourages worldwide awareness and action for the protection of the environment. It is celebrated on 5 June every year.

Theme of World Environment Day 2020




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The theme for World Environment Day 2020 is, 'Time for Nature,' with a focus on its role in providing the essential infrastructure that supports life on Earth and human development. This focus is expected to provide an opportunity for driving the momentum and public awareness of nature and its conservation.

The biodiversity club and Department of Botany jointly organized one day webinar on the topic “Sustaining Our Food Supply” on 21st June 2020 in connection with World Environment Day celebration through Zoom platform. The formal inauguration of the Webinar was done by Dr. K.S Anilkumar, 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 importance of ecosystem conservation and theme of World environment day 2020. Dr.GeethakrishnanNair.P (HOD, Dept.of Botany) delivered the presidential address. In the inaugural speech, Dr. K.S Anilkumar mentioned the importance of conservation of nature. The Key note address was delivered by Dr.Sajitha Biju, Scientist, School of Agriculture and Food, University of Melbourne, Australia and she spoke about Sustaining food supply and created awareness on how sustainably managed food security. Dr.Jayasree .V , IQAC Coordinator offered felicitation to the Webinar .Vote thanks delivered by Smt. Lisa Pavithran. Around 200 participants comprising a blend of students, Research Scholars and faculties from various institutions attended the webinar from different states of India.




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K.S.M.D.B COLLEGE SASTHAMCOTTA
(NAAC ACCREDITED A GRADE)
DEPARTMENT OF BOTANY
BIODIVERSITY CLUB

INTERNATIONAL WEBINAR
World Environmental Day June 5th
Celebration 2020
LIVE WEBINAR ZOOM CLOUD MEETING
21 ST JUNE 2020, 10.30 AM

Topic:
"Sustaining our food supply"

Inauguration :
Dr.K.S ANILKUMAR
Principal KSMDBC
Sasthamcotta

Resource Person :
Dr.Sajitha Biju
Scientist
School of Agriculture and Food
The University of Melbourne
Australia

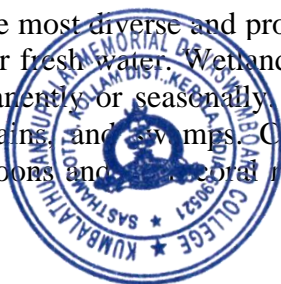
Biodiversity Club Co-ordinator:
Smt.Dhanya S.R
☎ 9846600107

Link of registered participants: https://docs.google.com/spreadsheets/d/1aN_ZcF0th5-gXu6by4H6i8BWivVZLgP8VYa13bMIvdg/edit?usp=sharing

As a part of environmental day celebrations of this year, Biodiversity club members planted many plants in their own home due to the pandemic conditions. Various competitions usually conducted by Biodiversity club was not done due to the existing Covid 19 pandemic conditions.

WORLD WETLAND DAY CELEBRATION – FEBRUARY 2nd 2021.

"Wetlands and Water" is the 2021 theme for World Wetlands Day, celebrated each year on 2 February. Wetlands are among the most diverse and productive ecosystems. They provide essential services and supply all our fresh water. Wetlands are land areas that are saturated or flooded with water either permanently or seasonally. Inland wetlands include marshes, ponds, lakes, fens, rivers, floodplains, and swamps. Coastal wetlands include saltwater marshes, estuaries, mangroves, lagoons and coral reefs. Fishponds, rice paddies, and salt pans are human-made wetlands.



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A Plantation Drive initiative by Biodiversity club and Department of Botany, has been successfully completed in the College Medicinal Garden on the occasion of world wetland day celebration. Almost 15 varieties of medicinal plant saplings including rare plants has been planted inside medicinal garden of the college




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OBSERVATION OF WORLD ENVIRONMENT DAY 2021

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.GeethakrishnanNair.P, HOD, Dept.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.



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 **K.S.M.D.B COLLEGE SASTHAMCOTTA**
(NAAC ACCREDITED A GRADE)
UNDER DBT STAR COLLEGE SCHEME
DEPARTMENT OF BOTANY
& BIODIVERSITY CLUB
VIRTUOSA 2021

NATIONAL WEBINAR
WORLD ENVIRONMENT DAY
JUNE 5th CELEBRATION 2021

Google meet, 5 th June 2021. 10.30 AM
<https://meet.google.com/bzr-yxfm-sxy>

TOPIC:
" MYSTERIOUS FLORA AND
FAUNA OF MY BLUE PLANET"

Inauguration:


Dr. MINICHADRAN .C
THE PRINCIPAL
KSMDBC
SASTHAMCOTTA

Resource Person:


Dr. Beena Lawrence
Department of Botany
Women's Christian College
Nagercoil, Tamilnadu

E-Certificates will be provided to the participants
Registration link: <https://forms.gle/ybBoaRH1ySxQT8TD6>





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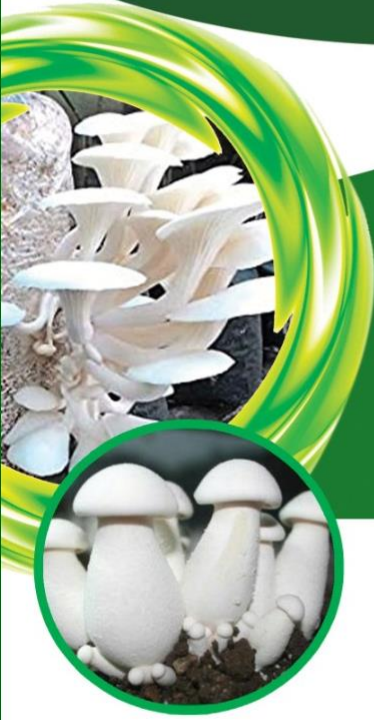


MUSHROOM CULTIVATION WORKSHOP



**KUMBALATHU SANKUPILLAI MEMORIAL
DEVASWOM BOARD COLLEGE,**
SASTHAMCOTTA- 690 521, Kollam, Kerala
Re-Accredited by NAAC with 'A' Grade
Estd 1964, Affiliated to University of Kerala,
Managed by the Travancore Devaswom Board





**One Day
Workshop
on Mushroom
Cultivation
and Post Harvest
Processing of
Mushrooms**

Department of Botany
Supported DBT STAR Project
Govt of India

15.03.2022
10 am
Digital
Seminar hall

Inauguration:
Dr. B. Beena
(Professor and Principal,
KSMDBC, Sasthamcotta)

Resource Persons:
Mrs. Binisha (Agricultural Officer)
Mr. Rajendran S. (Mushroom Grower)




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Prayer
Welcome : **Ms. Dhanya S.R.**
Faculty, Member DBT STAR, Department Botany

Presidential address : **Dr. Geethakrishnan Nair P**
HOD, Department of Botany

Inauguration : **Dr. B. Beena**
(Professor and Principal)

HONOURING DIGNITARIES:
Keynote Address : **Mrs. Binisha**
Agricultural officer, Krishibhavan, Sasthamcotta
Mushroom Cultivation Instruction:
Mr. Rajendran S.
Mushroom Grower & Progressive Farmer
Mrs. Priya Santhosh
GK, Mushrooms, Pallisserickal

Felicitation:
Sri. Arunkumar R. (Member, Syndicate, University of Kerala)
Dr. Jayasree V. (IQAC Co-ordinator)
Dr. S. Deepa (Co-ordinator, DBT STAR)
Sri. Aatman A.V. (Faculty, Department of Malayalam)
Lt. Dr. Madhu T. (Officer, NCC, KSMDBC)
Dr. Jayanthi S. (PTA Secretary)
Dr. Santhi Jose (Faculty, Department of History)

Vote of Thanks: **Ms. Lekshmy Sreekumar**
(Faculty, Department of Botany)

Organising Committee:
Dr. Geethakrishnan Nair P
Ms. Dhanya S.R
Ms. Lekshmy Sreekumar




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K.S.M.D.B COLLEGE
SASTHAMCOTTA



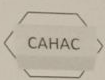

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SASTHAMCOTTA



COMMUNITY BASED ACTIVITIES



KSMDB COLLEGE SASTHAMCOTTA
COMMUNITY AND HEALTH ACTIVITY CLUB

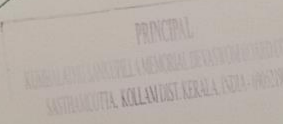
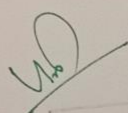

This is to inform you that we are organizing the inauguration of Community and Health Activity Club (2019-2020) on 3rd January 2020. As an extension activity of the club, a Theme Based Awareness and Education Programme on Palliative and Geriatric care is also being conducted in association with District Legal Service Authority and National Health Mission, Kollam. All are cordially invited and expect your whole hearted participation for the programme.

Programme Schedule

Time : 10.30 AM	Venue: General Seminar Hall
Prayer	: Devika S. and Arunima S (Members, Community and Health Activity Club)
Welcome Address	: Dr. Shemeena Basheer N (Convener, Community and Health Activity Club)
Presidential Address	: Dr. C Unnikrishnan (Principal)
Inauguration & Keynote Address	: Dr C.R Jayasankar (Deputy District Medical Officer and Nodal Officer, Palliative Care Programme, Kollam)

In presence of: Prof. R Arunkumar (Member, Syndicate), Dr. K. Santhosh (Member, Academic Council), Dr. T. Madhu (Secretary, College Council), Dr. R. S. Harikumar (Secretary, PTA), Dr. P. Geethakrishnan Nair, (Convener, Clubs and Forums), Dr. Santhi Jose (Member, Community and Health Activity Club), Mr. Amal Surya (Chairman, College Union)

Vote of thanks : Dr.Shelma R
(Member, Community and Health Activity Club)






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**REPORT OF THE ACTIVITY OF COMMUNITY AND HEALTH ACTIVITY CLUB
DURING THE YEAR (2019-20)**

Community and Health Activity Club (CAHAC) is one of the various clubs that has been functioning in KSMDDB College, Sasthamcotta . This club has been constituted with the aim of extending the service of the students to the outside community.

Convenor: **Dr. Shemeena Basheer N**, Asst. Professor of Physics, KSMDDB College,
Sasthamcotta

Members: Dr. Santhi Jose, Asst. Professor of History, KSMDDB College, Sasthamcotta

Dr. Shelma.R, Asst. Professor of Chemistry, KSMDDB College, Sasthamcotta

Student convener: Meenakshi M S, 2nd BSc Physics

Student members from various departments:

1. Anantha Lekshmi
2. Abhirami
3. Devika S
4. Fathima Nasra
5. Sneha
6. Haritha
7. Parvathy s
8. Sreelekshmi
9. Arunima
10. Meenakshi M.S
11. Vipin
12. Gokul Krishnan
13. Sreejesh M.V
14. Sarath Mohan





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15. Sooraj S.S
16. Aromal
17. Abhiram M. S
18. Yedu Krishnan
19. Sujith A Kumar
20. Abhirami V.S
21. Amal Anish
22. Aneera Anil
23. Santhilekshmi P
24. Ajmiya
25. Geethu G.S
26. Adithya
27. Abhirami M
28. Meenu B.S
29. Bhagya
30. Anandalekshmi A.S
31. Parvathi .J
32. Alsaraj
33. Anju
34. Resmi
35. Arka
36. Abhinav
37. Sonu
38. Nandhu
39. Nikhil Krishnan
40. Muhammad Ajmal
41. Ayisha M
42. Aparna Das




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43. Amal S
44. Ajmal A.N
45. Suraj R
46. Nandu Ravi
47. Aiswarya krishnan
48. Anjali P
49. Suramya S
50. Umar Ulfarook S
51. Adarsh R
52. Sreelekshmi S
53. Arun R
54. Anandhukrishnan K
55. Sreelekshmi T
56. Arathy T Pillai
57. Surys Das V.S

The activities of the club during the year 2019-20 was inaugurated by **Dr C.R Jayasankar** (Deputy District Medical Officer and Nodal Officer, Palliative Care Programme, Kollam) at the General Seminar Hall on 3rd January 2020. The programme began at 10:30 am with a prayer song by students (Devika .S and Arunima S). Dr. Shemeena Basheer N, (Convener, CAHAC) addressed the gathering with a warm welcome. About 81 students participated in the programme. It was followed by the Presidential address by the Principal **Dr. C Unnikrishnan** in which he stressed on the importance of extending community based health activities of the students. The Keynote address is given by **Dr C.R Jayasankar and Dr. P. Geethakrishnan Nair** (General Convener, Clubs and Forums), Dr. Santhi Jose (Member, CAHAC), Dr R.S Harikumar (Secretary,PTA) and Amal Surya (Chairman, College Union) offered their felicitations. As an extension activity of the club, a Theme Based Awareness and Education Programme on Palliative and Geriatric care was also conducted in association with District Legal Service Authority And National Health Mission, Kollam. The awareness class is given by Dr. C. R Jayasankar and gave proper guidance for organizing a Students Palliative Care unit in which students from various disciplines join together with their teachers to provide care to the chronically ill and bed ridden patients of the community. This Volunteers training programme helped to develop a social commitment sense of responsibility among students. The programme continued for two hours and ended with Dr. Shelma R (Member,CAHAC) proposing the vote of thanks.




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(Affiliated to University of Kerala (Re-accredited with 'A' grade by NAAC))

COMMUNITY AND HEALTH ACTIVITY CLUB

&

KUDUMBASREE UNIT KUNNAMPURAM SASTHAMCOTTA

Webinar on

COVID-19 AND HOMEOPATHIC APPROACH

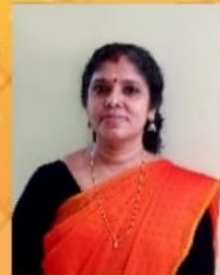
Inauguration



Dr. B. Beena
(Principal & Professor)
KSMDB COLLEGE SASTHAMCOTTA

Resource Person

Dr. S. Geetha Kumary
BHMS



Felicitation



Rajani M, Member
Town Ward
SASTHAMCOTTA

18 Dec 2021



@ 7 PM

For details, Contact

Dr. Shemeena Basheer N (Convenor)
PH: 9400202626



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**REPORT OF THE ACTIVITY OF COMMUNITY AND HEALTH ACTIVITY CLUB
DURING THE YEAR (2020-21)**

Community and Health Activity Club (CAHAC) is one of the various clubs that has been functioning in KSMD College, Sasthamcotta. This club has been constituted with the aim of extending the health service activity of the students to the outside community.

Convenor: Dr. Shemeena Basheer N, Asst. Professor of Physics, KSMD College,
Sasthamcotta

Members: Dr. Santhi Jose, Asst. Professor of History, KSMD College, Sasthamcotta
Dr. Shelma.R, Asst. Professor of Chemistry, KSMD College, Sasthamcotta

Student convenor: Ashadas, 2nd BSc Physics

Student members

1. Anju A
2. AJMI S
3. AMALA KRISHNAN
4. ANAGHA R SIVAN
5. ANCHU ARAVIND
6. ANISHKA S
7. ANJITHA MADHU
8. ANUSREE S
9. ARATHI JAYAN J
10. ASHADAS
11. DEVU G
12. JITHIN S
13. JYOTHILEKSHMI S
14. KARTHIKA SURENDRAN
15. MANEESHA A
16. MEGHA S
17. MUHAMMADSHA S
18. NIYAS N
19. VIPIN V
20. ADARSH R V
21. AGNES C ALEX
22. ANANTHU A
23. ARSHA SURESH L
24. ASWATHY R
25. ATHIRA SANTHOSH
26. AYANA AJAY
27. DHANALEKSHMI L
28. GOPIKA S
29. LEKSHMI R
30. NAVAMI S
31. PARTHIP S



Shemeena Basheer N

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32. RIFA RAHMAN
33. VIDYA V
34. ABHIRAJ R
35. BHAGYALEKSHMI A S
36. FATHIMA SYMOONA A
37. KAVYA DEVAN R
38. MEGHA MADHU S
39. PARVATHY V
40. SYAMA SIVAN M
41. ADARSH P.
42. ADWAITH KRISHNA S G
43. AISWARIA. S
44. ARATHY.J
45. NANDANAKRISHNAN R J
46. ANUSREE A
47. ANZANY S
48. ASWIN ANIL
49. GOKUL KRISHNAN.S
50. DEVIKA S

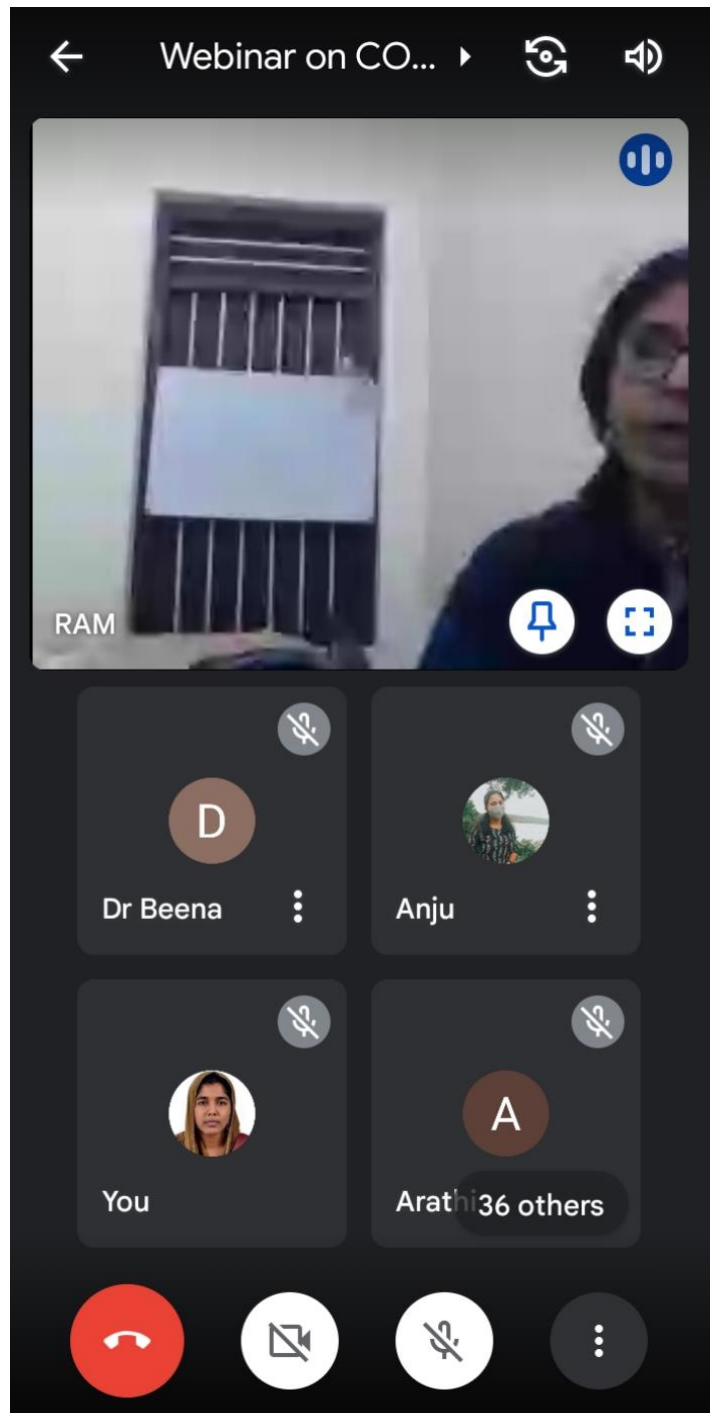
The activities of the club during the year 2020-21 was inaugurated by **Dr B Beena (Principal and Professor)** on 18th December 2021. The programme began at 7.00 pm with a prayer song. Dr. Shemeena Basheer N, (Convener, CAHAC) addressed the gathering with a warm welcome. It was followed by the Presidential address by the Principal **Dr B Beena** in which he stressed on the importance of extending community based health activities of the students. Rajani.M, Member(Town ward, Sasthamcotta and member in Kudumbasree unit) offered her felicitation. The total number of students participated in the programme were around 40. As an extension activity of the club, an online webinar grounded on the Homeopathic Approach towards COVID 19 was also conducted in association with Kudumbasree unit, Kunnumpuram, Sasthamcotta. The webinar is presented by Dr. **S Geethakumary**(BHMS) and she gave a wonderful talk about the relevance of Homeopathy to this COVID Pandemic. She discussed about the symptoms of COVID -19 and how to approach this pandemic by Homeopathy. This programme helped to develop a confidence among students and all others who were presented in this webinar to fight against this pandemic. The programme continued for two hours and vote of thanks is proposed by Anju A (student member)

Online link

Webinar on COVID 19 and Homoeopathic Approach organised by Community and Health Activity Club
Saturday, Dec 18 • 19:00 – 20:00
Google Meet joining info
Video call link: <https://meet.google.com/yed-cepm-djj>




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Campus Market- A helping hand to Farmers during Covid 19 pandemic

The department of Botany has organized and conducted a “Campus Market ” for the agricultural produces like Banana, Tapioca, Yams, Amorphophallus, Mushrooms and other indigenous vegetables produced by the marginal farmers under a programme entitled “Karshakarkku Oru Kaithangu” or a helping hand to farmers during the rampage of covid 19 pandemic along with the Krishi bhavan Sasthamcotta on 7.01.2021 with the assistance of NSS and NCC units.

The Campus market was inaugurated by Principal Dr. K.S Anil Kumar, Smt.Binisha.R, Agriculture officer rendered all the technical support including the formations of a ‘bench mark price’ for the agricultural produces. Dr.GeethakrishnanNair.P, H.O.D, Botany, Sri. Aathman. A.V, NSS programme officer & Asst. Professor, Dr. T. Madhu, NCC officer & Asst. Professor gave necessary guidance for the successful conducting of campus market.

The department of Botany scheduled a monthly with the assistance of Kirshi bhavan and many of the local marginal growers were benefitted. This programme also helped the staff and students of the college to establish a direct contact with rural farmers. Rather students had an opportunity to understand the local agricultural crops and the role of farmers in a sustainable society.



Dr. K.S. Anil Kumar
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PARTICIPATIVE LEARNING

LABORATORIES

The College is well equipped with laboratories facilities for science subjects, computers and also for language.



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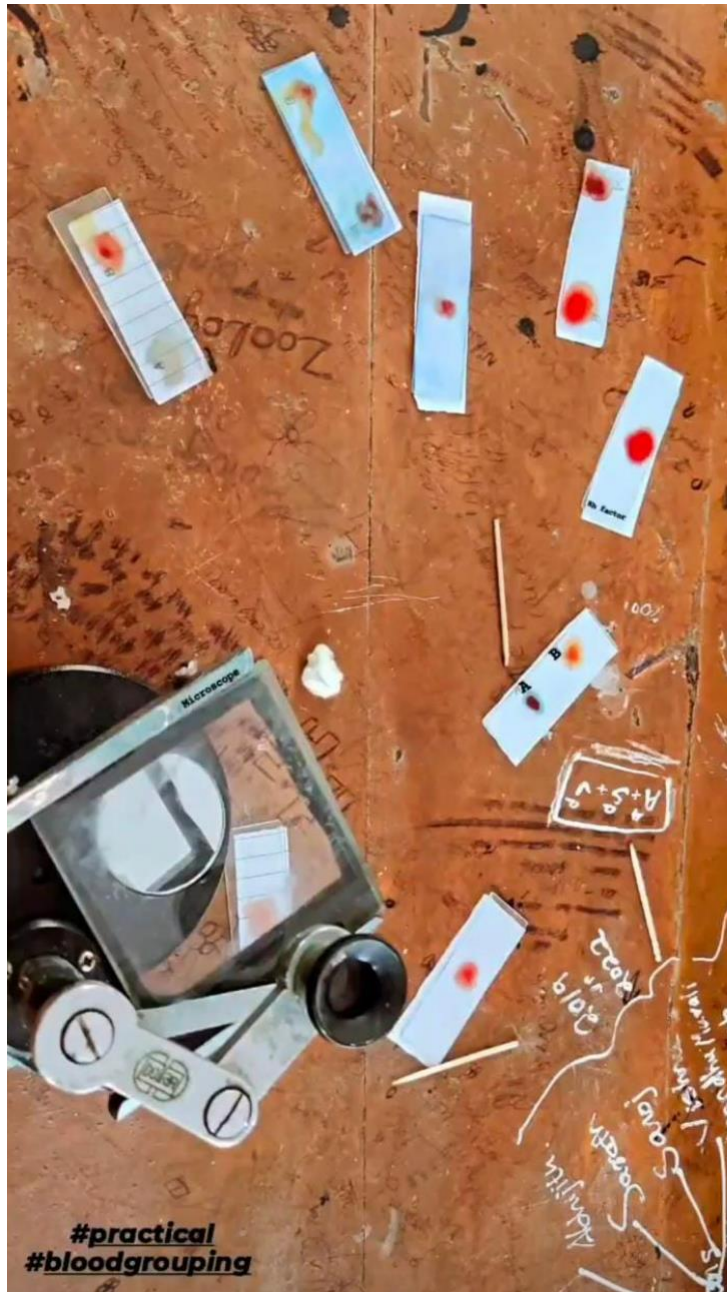




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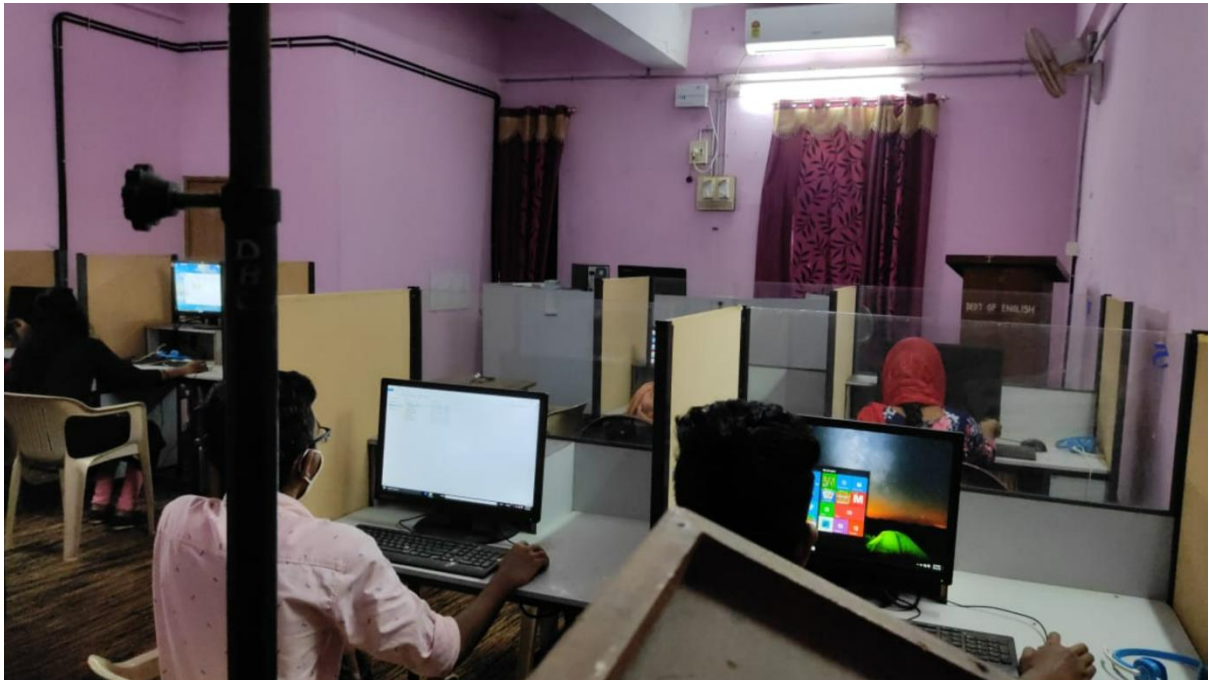
Language Lab – English

Language lab provides a platform for language learning where students can access audio or audio visual material. A teacher can listen to and manage the Students' audio from the teacher consoles. It helps in enhancing English language skill, communicative skills and soft skill development.

Our language lab consists of one teacher console and 8 Students' consoles with monitor, headphone and Mike.



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PEER TEACHING

As part of developing the teaching skills of PG students as well as boosting their soft skills, Peer teaching is carried out by all the PG departments. This gives opportunities to those students who are interested in taking classes for their peers. From 2016-17 onwards, Peer teaching sessions have been extended to Final year students, due to their keen interest in the process. They take classes for First and Second year degree students.




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SAMSKRITAVAHINI

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 with the intention to enhance communicative skills of Students in Sanskrit language especially for the regular students of the Department of Sanskrit. Every faculty is an admin of the group. From 20.8.2021, on the world sanskrit day- the auspicious sravanapurnima day- samskritavahiniwhatsapp 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 errors in grammar, pronunciation etc. are corrected by teachers time to time.

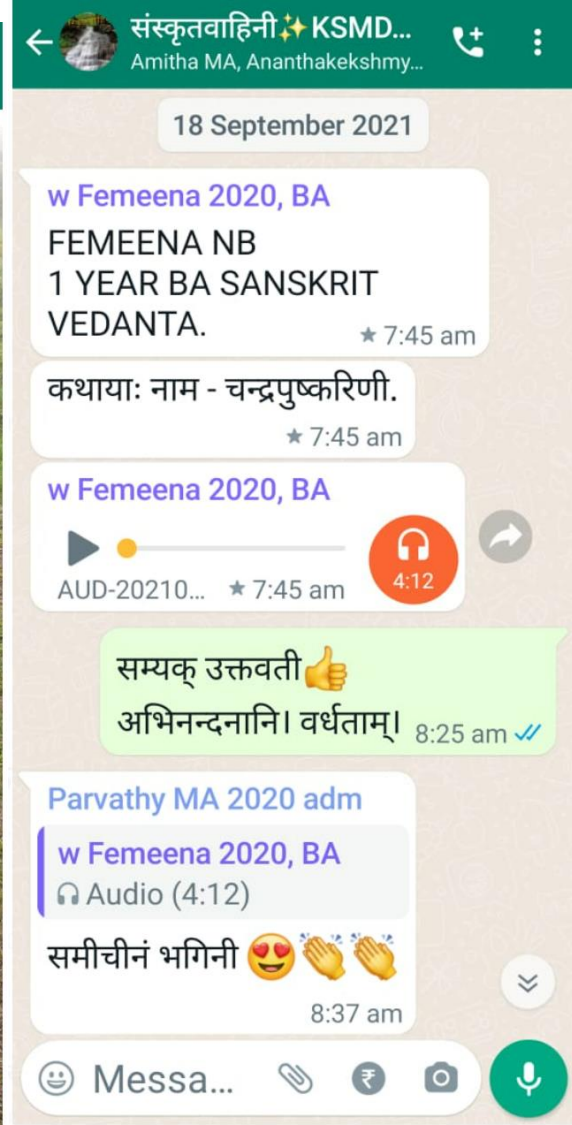
It was also instructed that, students should communicate only in Sanskrit in the group. The group is also used to circulate information exclusively related to Sanskrit for both academic and entertainment purposes.

Audio clips can be accessed through the link given below:

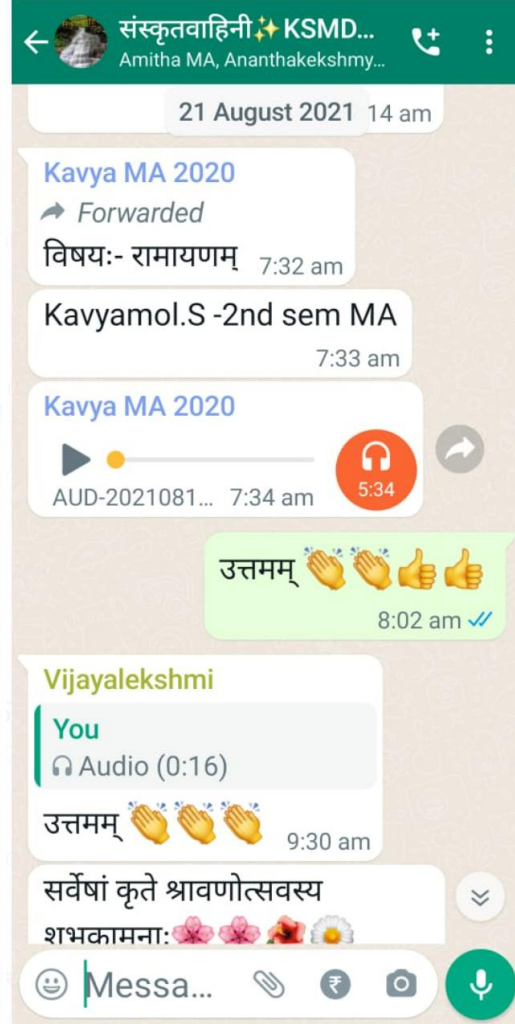
<https://drive.google.com/drive/folders/1l9lQnwBdiC1hoOdDuSIA-k6ioxzU4Ffw>



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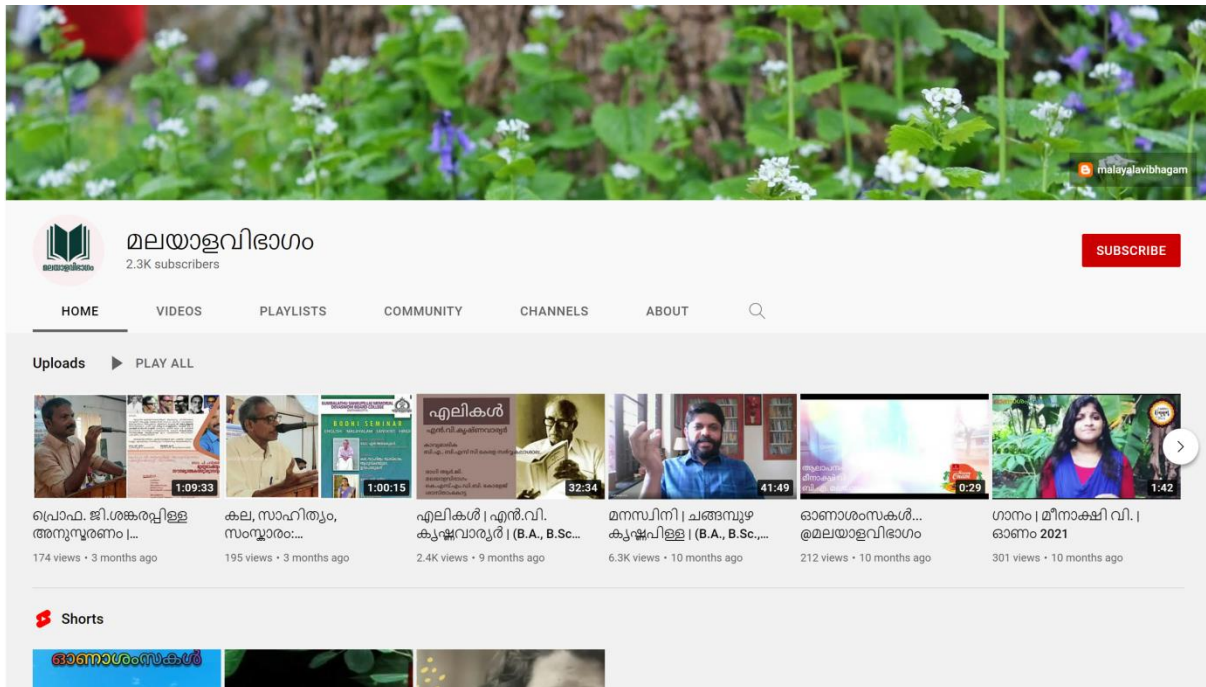


KOODU ("THE NEST")

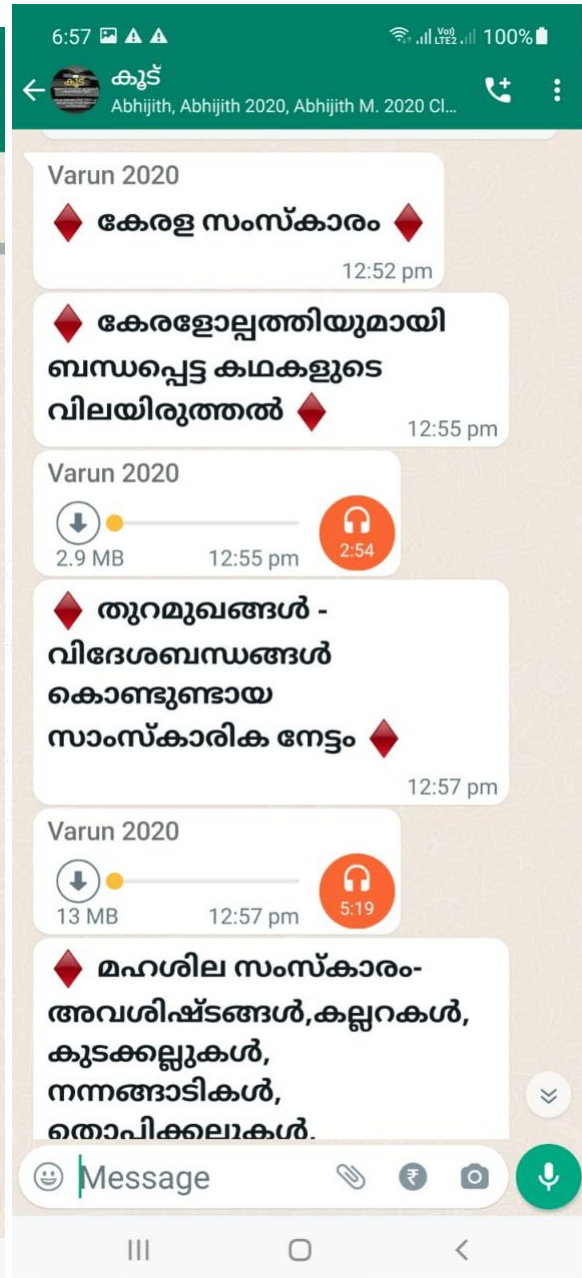
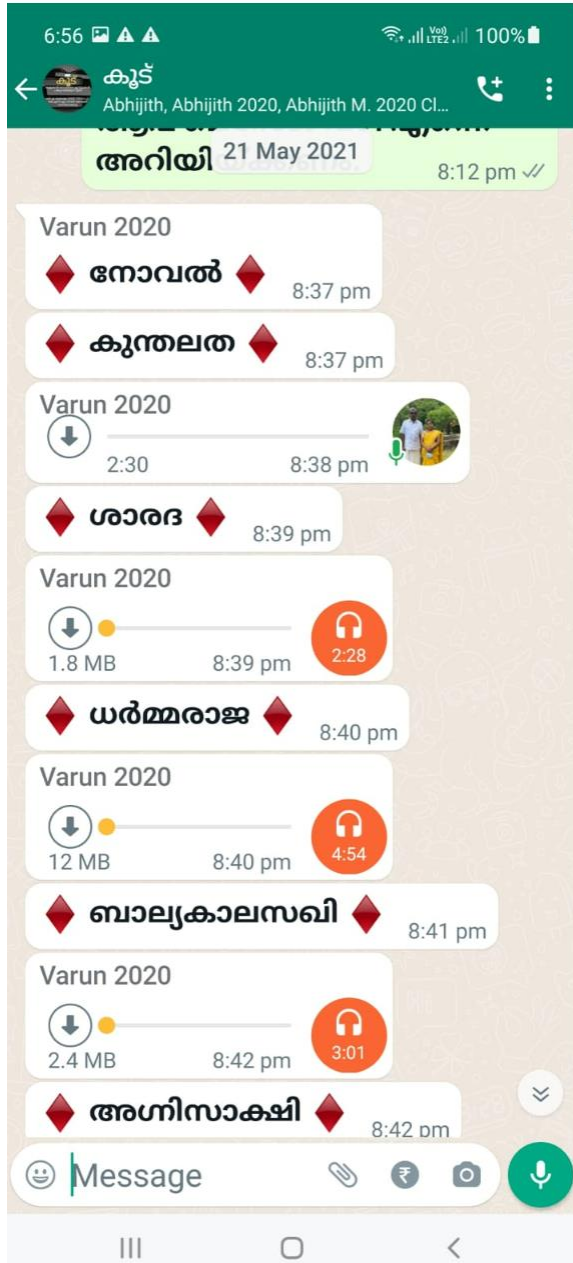
A Whatsapp group by Department of Malayalam creates and circulates audio notes of the syllabi which can be used for enhanced learning process of Malayalam language and literature. Along with the whatsapp group, the department also has a youtube channel to canvas the contributions of the students.

Link:

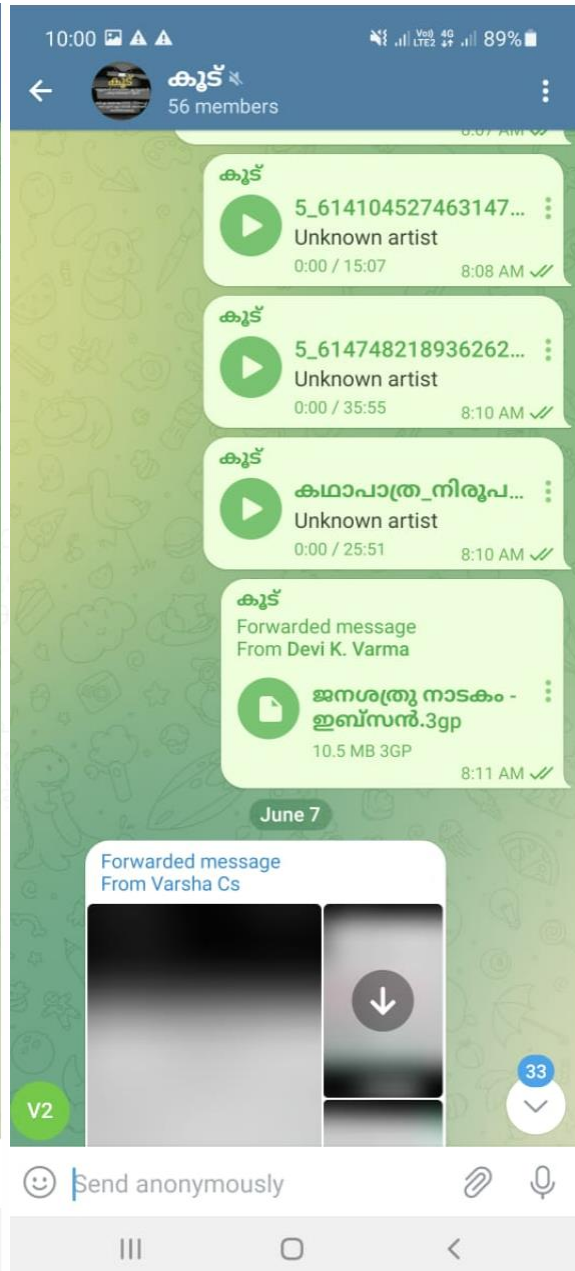
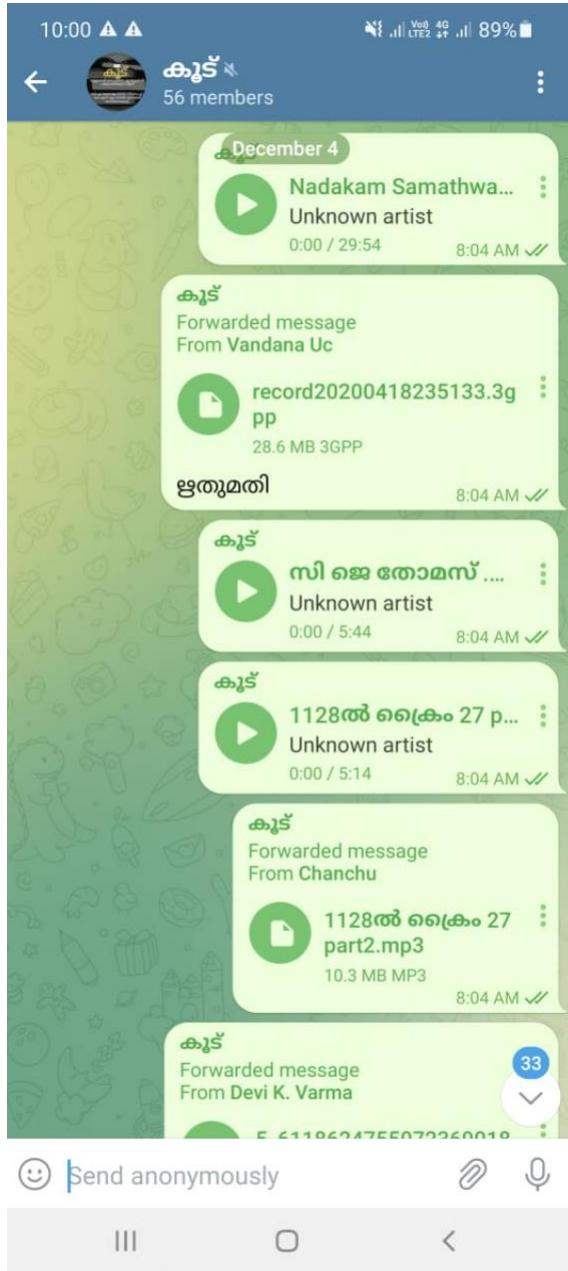
<http://www.youtube.com/%E0%B4%AE%E0%B4%B2%E0%B4%AF%E0%B4%BE%E0%B4%B3%E0%B4%B5%E0%B4%BF%E0%B4%AD%E0%B4%BE%E0%B4%97%E0%B4%82> This has proved beneficial for visually challenged students and slow learners in various institutions across the State



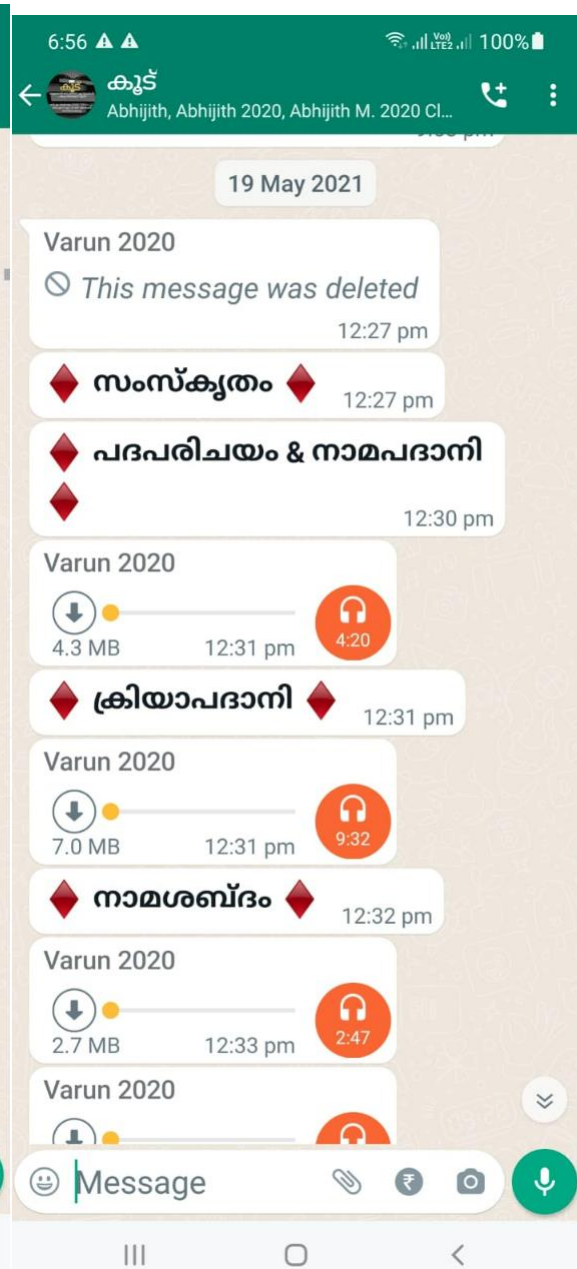
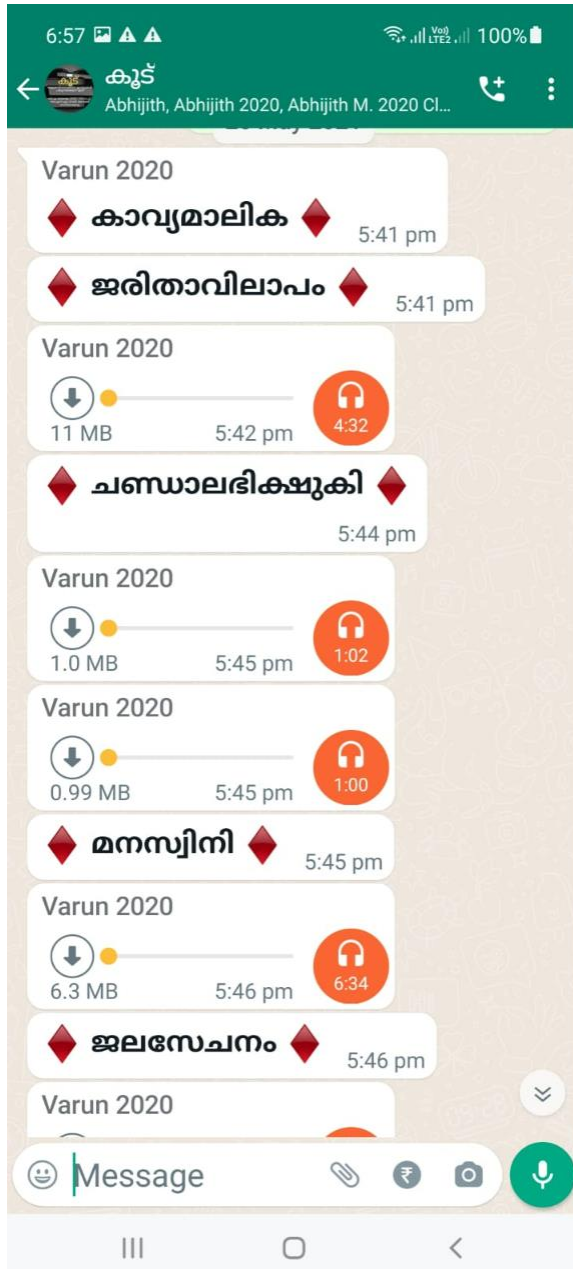
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LIVE STOCK MARKET INTERFACE

The students of Research and PG Department of Commerce are given a live experience of Indian Stock Market and option valuation strategies and valuation using DERIVAGEM software. They learn the essentials of a demat account, how to login to the trading platform conduct transactions, participate in IPOs,etc. This helps them to generate an attitude towards financial planning and investments. They are also familiarised with the hugely popular option chain and derivatives trading



Exch	Scrip Code	Full Name	Buy Qty	Buy Rate	Sell Qty	Sell Rate	% Chg	Trade Volume	TGS Post	TGS Intra	Company Full Name	CA	TGS Swing	Hidden Field	E2 Week
NSE	22 ACC EQ	ACC LIMITED-ACC EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	ACC LIMITED-ACC EQ	-	NTZ		0
NSE	1270 AMBUJACEM EQ	AMBUJA CEMENTS LTD-AMBUJACEM EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	AMBUJA CEMENTS LTD-AMBUJACEM EQ	-	NTZ		0
NSE	236 ASIANPAINT EQ	ASIAN PAINTS LIMITED-ASIANPAINT EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	ASIAN PAINTS LIMITED-ASIANPAINT EQ	-	NTZ		0
NSE	5900 AXISBANK EQ	AXIS BANK LIMITED-AXISBANK EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	AXIS BANK LIMITED-AXISBANK EQ	-	NTZ		0
NSE	16668 BAJAJ-AUTO EQ	BAJAJ AUTO LIMITED-BAJAJ-AUTO EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	BAJAJ AUTO LIMITED-BAJAJ-AUTO EQ	-	NTZ		0
NSE	4668 BANKBARODA EQ	BANK OF BARODA-BANKBARODA EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	BANK OF BARODA-BANKBARODA EQ	-	NTZ		0
NSE	10604 BHARTIARTL EQ	BHARTI AIRTEL LIMITED-BHARTIARTL EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	BHARTI AIRTEL LIMITED-BHARTIARTL EQ	-	NTZ		0
NSE	438 BHEL EQ	BHEL-BHEL EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	BHEL-BHEL EQ	-	NTZ		0
NSE	526 BPCL EQ	BPCL LTD-BPCL EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	BPCL LTD-BPCL EQ	-	NTZ		0
NSE	694 CIPLA EQ	CIPLA LTD-CIPLA EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	CIPLA LTD-CIPLA EQ	-	NTZ		0
NSE	20374 COALINDIA EQ	COAL INDIA LTD-COALINDIA EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	COAL INDIA LTD-COALINDIA EQ	-	NTZ		0
NSE	14732 DLF EQ	DLF LIMITED-DLF EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	DLF LIMITED-DLF EQ	-	NTZ		0
NSE	881 DREDDY EQ	DR. REDDY'S LABORATORIES-DREDDY EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	DR. REDDY'S LABORATORIES-DREDDY EQ	-	NTZ		0
NSE	4717 GAIL EQ	GAIL (INDIA) LTD-GAIL EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	GAIL (INDIA) LTD-GAIL EQ	-	NTZ		0
NSE	1232 GRASIM EQ	GRASIM INDUSTRIES LTD-GRASIM EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	GRASIM INDUSTRIES LTD-GRASIM EQ	-	NTZ		0
NSE	7229 HCLTECH EQ	HCL TECHNOLOGIES LTD-HCLTECH EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	HCL TECHNOLOGIES LTD-HCLTECH EQ	-	NTZ		0
NSE	1330 HDFC EQ	HDFC LTD-HDFC EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	HDFC LTD-HDFC EQ	-	NTZ		0
NSE	1333 HDFCBANK EQ	HDFC BANK LTD-HDFCBANK EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	HDFC BANK LTD-HDFCBANK EQ	-	NTZ		0
NSE	1348 HEROMOTOCO EQ	HERO MOTOCORP LIMITED-HEROMOTOCO EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	HERO MOTOCORP LIMITED-HEROMOTOCO EQ	-	NTZ		0
NSE	1363 HINDALCO EQ	HINDALCO INDUSTRIES LTD-HINDALCO EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	HINDALCO INDUSTRIES LTD-HINDALCO EQ	-	NTZ		0
NSE	1394 HINDUNILVR EQ	HINDUSTAN UNILEVER LTD-HINDUNILVR EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	HINDUSTAN UNILEVER LTD-HINDUNILVR EQ	-	NTZ		0
NSE	4963 ICICIBANK EQ	ICICI BANK LTD-ICICIBANK EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	ICICI BANK LTD-ICICIBANK EQ	-	NTZ		0
NSE	11957 IDFC EQ	IDFC LIMITED-IDFC EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	IDFC LIMITED-IDFC EQ	-	NTZ		0
NSE	5258 INDUSINDBK EQ	INDUSIND BANK LIMITED-INDUSINDBK EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	INDUSIND BANK LIMITED-INDUSINDBK EQ	-	NTZ		0
NSE	1594 INFY EQ	INFOSYS LIMITED-INFY EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	INFOSYS LIMITED-INFY EQ	-	NTZ		0
NSE	1660 ITC EQ	ITC LTD-ITC EQ	0	0.00	0	0.00	0	0	NTZ	NTZ	ITC LTD-ITC EQ	-	NTZ		0



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OI	CHNG	IN OI	VOLUME	IV	LTP	CHNG	BID QTY	BID PRICE	ASK PRICE	ASK QTY	STRIKE	BID QTY	BID PRICE	ASK PRICE	ASK QTY	CHNG	LTP	IV	VOLUME	CHNG	IN OI	OI					
2,494	-858	4,803	18.12	410.40	65.90	75	410.65	412.10	225	14,300.00	75	42.45	42.55	300	-36.30	42.50	28.17	1,24,412	11,071	23,947	2,494						
257	-1	288	17.67	372.15	64.40	750	367.30	371.15	75	14,350.00	1,125	50.20	50.40	1,875	-40.00	50.30	22.69	46,573	4,001	6,055	257						
4,919	-429	12,516	18.61	327.65	58.75	75	327.85	329.05	75	14,400.00	1,425	59.10	59.35	825	-44.25	59.35	22.17	1,92,836	16,932	29,727	4,919						
1,416	171	4,961	18.05	289.55	57.35	75	288.50	289.40	75	14,450.00	300	69.75	69.95	450	-49.15	69.65	21.79	60,870	5,574	8,053	1,416						
11,535	354	62,347	18.06	250.50	50.50	150	250.70	251.00	300	14,500.00	430	82.20	82.45	525	-53.35	82.35	21.28	2,84,015	21,235	35,674	11,535						
3,397	178	20,922	17.96	216.00	46.25	300	215.25	215.90	150	14,550.00	150	96.35	96.60	75	-58.35	96.60	20.88	67,454	4,735	6,644	3,397						
20,034	9,296	2,34,639	17.60	182.90	40.50	75	182.65	182.95	75	14,600.00	150	112.90	113.20	150	-62.50	113.00	20.42	2,98,812	26,944	32,401	20,034						
11,492	9,441	1,40,302	17.33	151.00	34.50	150	151.20	151.65	150	14,650.00	375	131.70	132.00	150	-66.55	132.00	20.06	1,11,221	10,908	11,373	11,492						
29,368	15,385	3,36,868	17.04	123.40	30.10	525	123.50	123.75	375	14,700.00	75	154.25	154.65	75	-72.30	154.40	19.79	1,39,174	14,663	16,803	29,368						
6,900	4,423	97,957	16.72	99.00	24.25	225	98.95	99.30	300	14,750.00	75	179.40	179.90	75	-80.35	179.30	19.58	12,381	1,284	1,461	6,900						
25,939	15,301	2,87,900	16.48	77.25	19.55	150	77.25	77.50	750	14,800.00	150	207.70	208.35	375	-81.60	208.80	19.38	23,501	1,678	4,176	25,939						
7,071	4,794	83,658	16.17	59.25	14.40	150	59.90	59.50	225	14,850.00	75	240.00	241.00	75	-83.55	239.00	19.52	1,947	120	301	7,071						
21,372	10,622	2,23,258	15.94	44.45	10.40	450	44.35	44.50	1,125	14,900.00	300	273.85	274.85	75	-89.95	273.90	19.32	5,897	229	910	21,372						
10,270	7,870	1,05,875	15.67	31.60	5.85	1,725	31.40	31.60	2,550	14,950.00	75	310.55	313.50	75	-90.80	313.20	20.17	365	64	129	10,270						
38,174	12,217	2,18,022	15.44	22.50	3.35	2,025	22.55	22.70	600	15,000.00	75	352.90	354.25	75	-98.85	353.80	19.69	3,844	431	5,803	38,174						
6,842	3,668	37,021	15.21	15.15	1.35	75	15.15	15.25	300	15,050.00	75	393.25	396.75	75	-88.30	408.50	23.05	141	-13	84	6,842						
22,761	7,726	1,02,127	15.01	10.15	0.25	525	10.10	10.20	525	15,100.00	75	438.65	441.60	75	-95.00	446.00	22.43	175	-43	292	22,761						

QUICK LINKS < FOR INVESTORS < FOR CORPORATES < FOR MEMBERS <

binomial model 2021 - Microsoft Excel

Home Insert Page Layout Formulas Data Review View

Clipboard Font Paragraph Styles

Conditional Formatting as Table Styles

Cells Editing

AutoSum Fill Sort & Filter Select

Clear

non arbitrage binomial eg1 eg 2 extra2 Risk neutral 1 Risk neutral 2 Sheets1 Sheets2 two period binomial

Type here to search

12:23 PM 5/27/2021

2. Binomial tree

So

S1

189.75

0

0.7

0

165

140.25

29.75

0.3

8.925

150

8.42

155.25

14.75

0.7

10.325

135

114.75

55.25

0.3

16.575

25.38 EO

35 AO

26.9

11.14

11.812 EO

13.736 AO

1. Compute u, d, e^{rt}

$u = 1.1$

$d = 0.9$

$u = 1.15$

$d = 0.85$

3. Probability $(R-d)/(u-d)$

at year 1

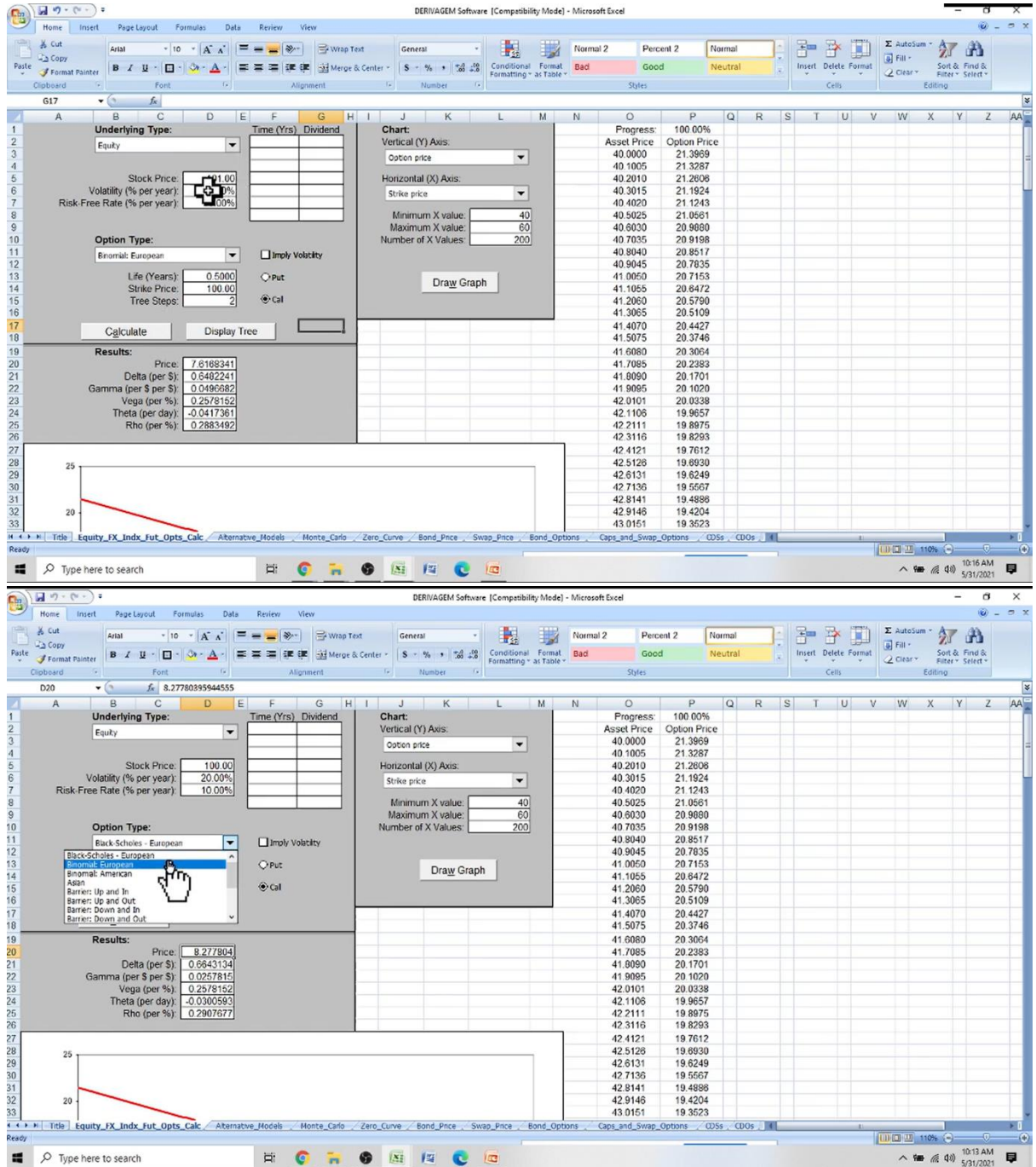
at year 2



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SASTHAMCOTTA



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



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K.S.M.D.B COLLEGE
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IPO pricing - Microsoft Excel												
	A	B	C	D	E	F	G	H	I	J	K	L
1	A Co. has 1000 shares for IPO											
2	Price band fixed is		50-60									
3	IPO Demand											
4	Price	Day 1	Day 2	Day3	Total demand	Cumulative demand	Capital					
5	60	100	100	150	350	350	60000					
6	59	100	100	150	350	700						
7	58	100	100	100	300	100						
8	57	100	100	100	300							
9	56	100	100	100	300							
10	55	100	100	100	300							
11	54	100	100	100	300							
12	53	100	100	100	300							
13	52	100	100	100	300							
14	51	100	100	100	300							
15	50	100	100	100	300		50000					



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Organising food festivals --Foodies

The students of Research and PG Department of Commerce organizes food festivals in the campus in association with **District Industries Centre, Kollam** and with **Entrepreneurship Development Club, KumbalathuSankupillai Memorial Devaswom Board College, Sasthamcotta**. The students of ED club organized variety of stalls as part of the food fest. They have generated revenue from the stalls. Food fest was an innovative effort to provide hands on exposure to the club members on the various complexities at the different stages of entrepreneurship. The faculty members, staff and students of the college played a significant role for extending active supported for the success of the event.



K.S.M.D.B. COLLEGE Sasthamcotta	
FOODIES (Food Fest)	
വിലനിവാരണിക	
കോഴപ്പാചിൽ	20
ചോര (4 എണ്ണം)	25
4 ചോര - സിംഗിൾ ഓംലറ്റ്	40
സിംഗിൾ ഓംലറ്റ്	15
ഡബിൾ ഓംലറ്റ്	30
മുട്ട പാഫ്സ്	12
സമുസ	08
കട്ട്ലെറ്റ്	10
ലഡു	08
ജിരേബി	00
തണ്ണിമത്തൻജ്യൂസ്	20
ലൈംജ്യൂസ്	20
കടച്ചക്ക	20
തണ്ണിമത്തൻ	20



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PROBLEM SOLVING METHODOLOGIES

Projects are undertaken under Govt schemes

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
Biosynthesis of Cu nanoparticles using Justicia adhatoda leaf extract	Dr.B.Beena	Chemistry and Polymer Chemistry	2017-2018	10,000/-	One year	KSCSTE	Government
A study on the degradation of Malachite Green dye using biosynthesized Iron nanoparticles	Dr.B.Beena	Chemistry and Polymer Chemistry	2017-2018	10,000/-	One year	KSCSTE	Government
Water quality assessment and the Development of Green water treatment technologies for the Lake of Sasthamcotta.	Dr.B.Beena	Chemistry and Polymer Chemistry	2017-2018	18,00,000/-	3 years	KSCSTE, SARD	Government
Nano SnO ₂ Synthesis, characterization and Adsorption behaviour	Dr.B.Beena	Chemistry and Polymer Chemistry	2016-2017	10000/-	6 months	KSCSTE	Government
Electrochemical and Physiochemical evaluation of environmentally friendly green inhibitor for mild steel in potable water.	Dr.N.D.Suma	Chemistry and Polymer Chemistry	2016-2017	7000/-	6 months	KSCSTE	Government




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PROJECTS AND INTERNSHIP

Project work, internship and field surveys are conducted to enhance the learning process and improve their analytical and problem identification and solving skills. Students actively undergo internship and conduct projects and field works for gaining practical experience from the industry.

LIST OF PROJECTS AND INTERNSHIP

ALUMINIUM INDUSTRIES LIMITED 

DCE/0334

08th Mar. 2021

The Head Of Department,
Department of Commerce,
Kumbalathu Sankupillai Memorial Devaswom Board College,
Sasthamcotta, Kollam-690 521

Sir,

Sub: Permission for Internship – reg

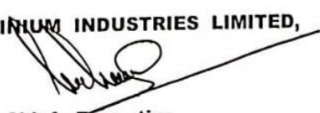
Ref: Your Letter dt: 08/03/2021

This has reference to your letter dated: 08/03/2021 regarding permission for the following, M.Com students during academic year 2019 - 21 to undertake an internship in our company. You are hereby informed that permission is hereby granted for the same from 09th Mar. 2021 to 22nd Mar. 2021.

Sl. No.	Name
1.	PARVATHY. P
2.	ARYA. J
3.	NISHA T SAJI
4.	DHANYA. U
5.	DEVIKA KRISHNAN. D
6.	NIMISHA. B

Kindly inform the students accordingly.

For ALUMINIUM INDUSTRIES LIMITED,


Divisional Chief Executive

Registered Office : No. 1, Ceramic Factory Road, Kundara, Kollam, Kerala - 691 501. Ph : 0474-2580828, 2520820, E-mail : kundaraalind@gmail.com
Corporate Office : 147, Jolly Maker Chamber II, 225, Nariman Point, Mumbai - 400021. Tel.: 91-22-2202 6263, Fax : 91-22-2202 9293
CIN : U27203KL1949PLC000057




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



DISTRICT TOURISM PROMOTION COUNCIL

Near KSRTC Bus Stand, Kollam, Kerala - 691 001, India
Phone : 0474-2750170, 2745625, Fax : ++91 - 474 - 2750170
E-mail : contact@dtppckollam.com Website : www.dtpckollam.com

DTPC – K/47/B/2021

20/03/2021

CERTIFICATE

This is to certify that **Kumary Daya Ullas M.COM** student of Kumabalathu Sankupillai Memorial Devaswom Board College, Sastahmcotta, Kollam, Kerala -690521 has successfully completed her internship from 8th March 2021 to 19th March 2021 under District Tourism Promotion Council, Kollam. During this internship period she got experience at Various Units of District Tourism Promotion Council, Kollam.

She is efficient in carrying out the works entrusted and the character and conduct during the period found good.




Executive Administration




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SASTHAMCOTTA



HLL Lifecare Limited
(A Government of India Enterprise)



HMA
HLL Management Academy

HLL/HMA/STUD-PROJ/MAR-2021/

26/03/2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Arunima A.S**, M.Com student of **Kumbalathu Sankupillai Memorial Devaswom Board College, Sasthamcotta, Kollam – 690521** has successfully completed the internship in the area of HR & Finance under the guidance of **Shri.Rajeev Nair**, Manager (HR), at Corporate Head Office, HLL Lifecare Ltd, Poojapura, Thiruvananthapuram facilitated by **HLL Management Academy**. The period of internship was from 12/03/2021 to 26/03/2021. A copy of the report has been submitted

We wish **Ms. Arunima A.S** all success in her future endeavors.

Ashish Nair
Senior Manager (HMA)



HMA, TC 4/1607, Keston Road, Kowdiar P.O., Thiruvananthapuram, Kerala - 695003 INDIA
Ph : 0471 - 2724330 / 2312101, email : hma@lifecare.com, website : www.hllacademy.in
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NS MEMORIAL INSTITUTE OF MEDICAL SCIENCES

A UNIT OF KOLLAM DISTRICT CO-OPERATIVE HOSPITAL SOCIETY LTD., NO.Q.952

CERTIFICATE

This is to certify that **Miss.ASWANI R**, semester II M.COM Course in Kerala University, K.S.M..Devaswam Board College, Sasthamcotta has successfully completed the Internship programme from **24/04/2019** to **13/05/2019** in NS Memorial Institute of Medical Sciences Palathara, Kollam. Her involvement in the activities of the Institution during this period was good.

KOLLAM
13/05/2019




HR MANAGER

Mathew Varghese
Manager - Human Resources

Palathara, Kollam-20. Phone : 0474-2723199, 2724823, Fax : 2726701
web: www.nshospital.org | email: nsmimskollam@gmail.com




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HLL/HMA/STUD-PROJ/MAR-2021/

26/03/2021

TO WHOMSOEVER IT MAY CONCERN

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We wish **Ms. Arunima A.S** all success in her future endeavors.

Ashish Nair
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