Annual Report

Botany Association

Year: 2020-21





A Quality Assurance Venture of IQAC
Baselius College, Kottayam

Certificate

This is to certify that the following is a bonafide record of activities and achievements of **Botany Association** for the academic year 2020-21. Necessary supporting documents have been attached wherever possible.

Dr Krishnaraj MV

Teacher-in-charge

(Botany Association-2020-2021)

Dr. ARABHI P

HOD i/c

Verified

IQAC Co-ordinator.

Counter-Signed by

PRINCIPAL

Association Report <u>Botany</u> 2020-21

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Part – A

1.1 Name of the Association : Botany Association

e-mail address :

Social media details :

Name of the teacher in charge : Dr. Krishnaraj MV

Name of the Association Secretary : Afzal Nazar

Contact Nos. : 9633309231

1.2 **Executive Committee Details**

Sl No	Name of the member	Designation/ Class/ Position
1	BECHU PUNNEN ABRAHAM	D3 BOTANY-EXECUTIVE MEMBER
2	RILIN ROBIN	D3 BOTANY EXECUTIVE MEMBER
3	ASWIN P	D3 BOTANY EXECUTIVE MEMBER
4	DEVU PP	D2 BOTANY EXECUTIVE MEMBER
5	JAYAKRISHNAN	D3 BOTANY EXECUTIVE MEMBER
6	JYOTHI NV	D3 BOTANY-JOINT SECRETARY
7	SHAHAL MIRAJ	D2 BOTANY- EXECUTIVE MEMBER
8	YEDURAJ PK	D2 BOTANY EXECUTIVE MEMBER
9	VISMAYA SURESH	D3 BOTANY EXECUTIVE MEMBER
10	DIYA SUSAN ABRAHAM	EXECUTIVE MEMBER

11	HRISHIKESH V R	D1 BOTANY EXECUTIVE	
		MEMBER	

No. of committee meetings held **restrictions**

No. of committee meetings held : Online meeting was held due to COVID-

Sl No	Date of the Meeting	No of participants

(Soft copy of minutes signed by Secretary, Teacher in charge to be submitted)

1.3. Plan of Action

Plan of Action	Proposed Date/ Month	Status of attainment at the year end
Celebration of World environment day	05.06.2020	World Environment Day Observation-Teachers and students distributed saplings to their neighbours and also planted saplings
Organizing Inter collegiate-national level Cartoon Competition	15.08.2020	Conducted a National level Online cartoon competition (Intercollegiate)-Topic- Locked people and unlocked nature
Orientation to freshers- 2020-2021 admission	16.12.2020	Sri. Praveen Varghese Thomas- Academic Trainer and Social Worker
Online talk-Awareness in Environmental issues	24.08.2020	Resource Person- Sri. C R Neelakandan (Environmental Activist
Pulses day celebration	Second week of January 2021	Conducted an online Collage competition in connection with International Pulses Day on 10 th February 2021

Association Report <u>Botany</u> 2020-21

World Wildlife day celebration	First week of march	Invited Talk – Wildlife & Us - in connection with World Wildlife Day- Sri. Prabhu P M Asst. Conservator of Forests, Social Forestry Division, Thrissur delivered an online talk on 4.03.21
Conducting a tree survey in the campus in collaboration with NSS unit of the college and subsequent labelling	Last week of March 2021	Completed a tree Survey on Campus in collaboration with Bhoomitrasena unit under NSS Unit of Baselius College on 23.03.21
Career orientation programme	Second week of January	Conducted Career Orientation programme to D1 students -Mr. Kiran Kumar E (Director, Research World, Ernakulam) on 15.01.2021

Part – B

- Part B 2.1 Talks/Lectures/ Workshops Conducted
- 2.2a Competitions Organised within the College
- 2.2b- Inter-Collegiate Competitions Organised
- 2.3- Cultural Programmes Organised
- 2.4 Extension and Outreach Programme Organised
- 2.5- Skill Development Courses Organised
- 2.6- Certificate Programme/ Diploma Organised
- 2.7 Student Participation and Achievements outside
- 2.8- Any Other activity/point worth mentioning

2.1 Talks/Lectures/ Workshops Organised/ Conducted

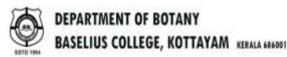
Summary:

Sl No	Title of the Programme	Name of the Resource	No. of participants	Links available if any
1	Webinar on Environme ntal impact assessment-	Resource Person- Sri. C R Neelakandan (Environmental	170- https://docs.google.com/ spreadsheets/d/1VLbbCz U7XLs1HIRnS 4 mrl i	https://drive.google.co m/file/d/1ertPxN1V6fJ wFTYQ9RXKPhDTg m04qv21/view?usp=sh
	Past, Present and future	Activist)	7TBndQIIt4WQkkYtEw /edit#gid=1418477606	aring
2	Career orientation programme	Mr. Kiran Kumar E (Director, Research World, Ernakulam)	-	https://drive.google.co m/file/d/1GmKXK5vY V92wgRFjeBwOWUh HsOnjj5ge/view

3.	Orientation Programme to First year students	Sri. Praveen Varghese Thomas- Academic Trainer and Social Worker.	https://drive.google.com/ file/d/1bV0Fj2Vh66ZjSd 7q8sz4BuLeQ39XiG5- /view?ts=60a66f37	https://drive.google. com/file/d/1eCU3M WWr_HAvED2ysZ6- U9Bba- YiqNvO/view?usp=s haring
4.	Invited Talk – Wildlife & Us - in connection with World Wildlife Day-	Sri. Prabhu P M-Asst. Conservator of Forests, Social Forestry Division, Thrissur	88 https://drive.google.com/ file/d/1FJTdzNjZUHnFj EnTQZaPVlMdGFYAP ZNG/view?ts=60a66cb2	https://drive.google.co m/file/d/1KI9morQQU QnstihxyiBHZNkMUy V7GBbv/view?ts=60a 66c6a

1. Report of Webinar on Environmental impact assessment-Past, Present and future

The Department of Botany, Baselius College, Kottayam organized a Webinar on "Environmental Impact Assessment (EIA) – Past, Present and Future". On 24th August 2020 at 3.00 pm. Sri. CR Neelakandan, Environmental activist, Politician and writer was the resource person of the day. The meeting started with a silent prayer and Dr Arabhi P welcomed the gathering online(https://meet.google.com/gnc-wmme-ctv). Sri CR Neelakandan stressed the need to conserve the environment with heart and soul for a better living in this planet. He narrated various issues in which he himself involved and various lacunae in law that eventually destroy the equilibrium between man and biosphere. The meeting was successful with the participation of around 170 people from various sectors of life and later students asked various doubts also. Dr Krishnaraj MV proposed vote of thanks and meeting ended in 5.30pm.



Webinar

on





2. Report of career orientation class by Dr.Kiran Kumar

An online career orientation class was organized On15th January 2021 by the Department in association with the Department of Botany .Dr.Kiran Kumar, Director of Research World ,was the keynote speaker.The session began at 10.30 AM on Google Meet Platform. Dr.Rejitha V, Head of the Department welcomed the gathering. Dr.Kiran gave a 3 hour long lecture on the scope of life sciences and he motivated the students to write national and international competitive exams conducted by various institutes.He also mentioned about the different scholarships that may aid the students to pursue Post graduation and research. He focused on the importance of doing integrated PHD courses and also introduced the IITs and IISERs offering such courses in life sciences .He stressed on the importance of spending a bit of extra time to prepare for these courses from the first year of the B.Sc itself. An interactive session was there in which the speaker cleared the queries of students Dr.Krishnaraj M.V, Assistant Professor in Botany proposed vote of thanks.



Dr. Rejitha V (HOLLIC Zonlogy)

Smt. Arabhi Pisco de Bonny)

Dr. Biju Thomas

Principal

Smt. Sany Mary Benjamin (Doology)

Dr. Krishnaraj M V (Botany)



Dr Kiran Kumar- Delivering the Talk





Dr Rejitha V-Welcome address Dr Krishnaraj MV-Vote of Thanks

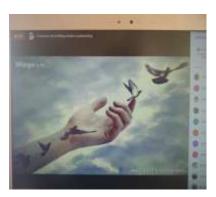
3. Report of Orientation Programme to First year students

An orientation programme was jointly conducted by the Department of Botany and Zoology on 17th December 2020 for our first year B.Sc. Students regarding the theme 'Inducting in Style' sponsored by Parent Teachers Association of our college. The resource person was Sri. Praveen Varghese Thomas, an alumnus of our college who is currently working as an Academic Trainer and Social Worker. The programme started at 10 am in online mode via Google Meet. The programme started with the address of Smt. Arabhi P, HOD, Dept. of Botany, who introduced the resource person and welcomed the gathering.

The talk by the resource person was very much informative. The class was very interesting, considering the way of presentation and his friendly attitude towards the students. While talking

about the different aspects that influence the life style of younger generation, the resource person made the topic interactive with a very simple topic of 'selfie' with which he was able to convey three important life lessons of elevate, evaluate and empathy in our everyday life. All of us must think elevated while dealing with the situations that we face and we must be well educated as an educated man will be able to deal such matters. Similarly, evaluation of opportunities that we get and evaluation of ourselves too will help us to make decision as we go on targeting a goal that is to be achieved in future. Empathy is a feeling that all of us should possess because only those with empathy will be able to understand others feelings. Moreover, the speech dealt with an orientation towards various other career options like doing other diploma and certificate courses that may add to our qualification. The class also helped us to impart the importance of love, respect, happiness, strength for ourselves to be able to provide it for others. The orientation programme equipped the students aware of opportunities which were available in the field of their interest and to make the students understand that in order to succeed in life the students need to work hard. All students actively participated all along the programme. The session ended by 12.30 pm with the proposal of vote of thanks by Dr. Krishnaraj M V (Class teacher, D1 Botany).





Participants of the programme



DEPARTMENT OF BOTANY & DEPARTMENT OF ZOOLOGY BASELIUS COLLEGE, KOTTAYAM, KERALA-686001

ORIENTATION to First year Degree students

Theme: 'Inducting in Style'

17th DECEMBER 2020 (Thursday), 10am Resource Person:
Sri. Praveen Varghese Thomas
(Academic Trainer and Social Worker)



Platform- Google Meet



Dr. Biju Thomas Principal

Smt. Arabhi P (HOD i/c, Botany)
Dr. Rejitha V (HOD i/c, Zoology)

Dr. Krishnaraj M V (Botany) Smt. Sany Mary Benjamin (Zoology) (Conveners)

4. Report of Invited Talk - Wildlife & Us - in connection with World Wildlife Day-

Department of Botany, Baselius College, Kottayam have organized an Invited Talk as a part of observing the "World Wildlife Day" on March 4. 2021 at 7.30 pm. Sri.P.M. Prabhu, Asst.Conservator of Forests, Social Forestry Division, Thrissur was the resource person. Dr welcomed the gathering and introduced resource person Arabhi P. (https://meet.google.com/jio-uwfi-wfe). Sri PM Prabhu, delivered an impressive talk through photographs of Wildlife and human beings and narrated how he took all those photos professionally while travelling across various forest areas in Kerala and adjoining regions. Sri. Afzal Nazar proposed vote of thanks at the end.



Observes

WORLD WILDLIFE DAY



TOPIC: "WILDLIFE & US"



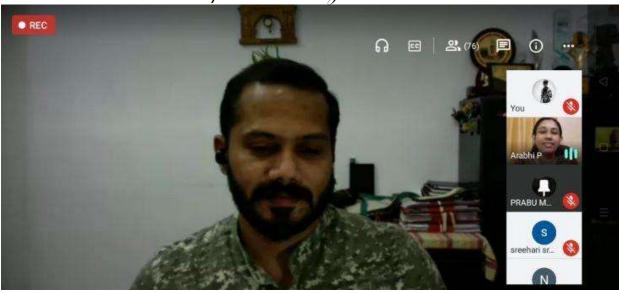
Invited Talk

Sri.P.M. Prabhu

Asst.Conservator of Forests,
Social Forestry Division, Thrissur

Dr.Biju Thomas Principal

Dr.Arabhi P H.O.D Dr. Krishnaraj M.V Association Incharge March 04, 2021 | Thursday | 7:30 PM
On Google Platform: Meet



Sl No	Title of the Programme	Nature of the programme	No. of participants
1	Collage Competition	Inter-Departmental	10

1. Report of Collage competition

Botany association oraganised an interdepartmental College competition to get an awareness on Pulses, the highly proteinaceous dietary component in human consumption. The programme was organised online with the help of volunteers in between 10 am to 1 pm on 10th February 2021., on world pulses day. Students were monitored online in google platform and allowed to submit their collage preparation only by using various pulses. Later winners were judged with the help of evaluators online and provided e-certificates and cash prize.



2.2a Competition Organised within the college

Summary:

Sl No	Title of the Programme	Nature of the programme	No. of participants
1	Collage Competition	Inter-Departmental	10

1. Report of Collage competition

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Prize winning Collages from top to bottom

2.2b Inter-Collegiate Competition Organised

Summary:

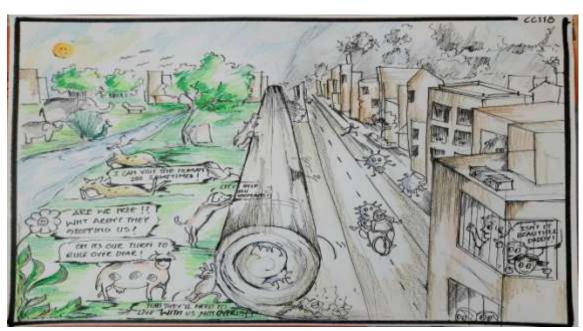
Sl No	Title of the Programme	Nature of the programme	No. of participants
1	Cartoon Competition	National level intercollegiate competition	76

1. Report of Cartoon Competition

Baselian orchids, Department of Botany, conducted an online National Cartoon Competition to nurture the talents during the lock-down period. The event was conducted online on 15th August 2020 and 76 participants were registered. The topic was provided online and volunteers monitored it carefully to avoid uploading of previously drawn materials. The topic was "locked people and unlocked nature". The response was overwhelming and submitted cartoons were evaluated with the help of three outside judges who are proficient in art and culture. Three prizes including e-certificates were distributed online



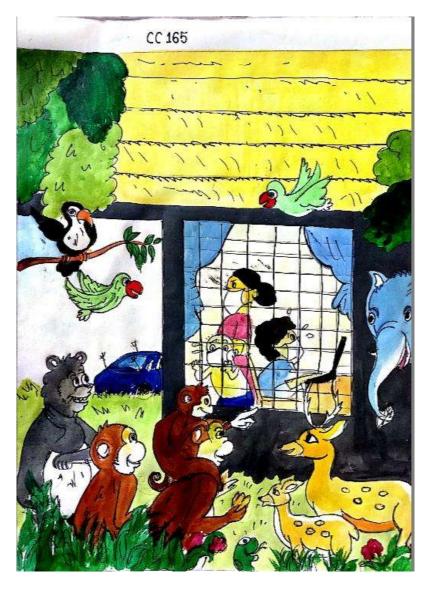




Cartoon Competition-First prize-Parvathy RS-TKM College of Engineering, Kollam



Cartoon Competition- Second Prize-Anuja Grace Thomas-Christian College-Chengannur



Cartoon Competition-Third Prize- Srija Biswas- Krishnagar Govt.College

2.3 Cultural Programme Organised Nil

Summary: Nil

2.4 Extension/Outreach Programme Organised

Summary:

Sl No	Title of the Programme	Nature of the programme	No. of participants
1.	Tree survey in the college campus	Extension in collaboration with Bhoomitrasena club and NSS unit of Baselius College	NSS Volunteers(First and Second years only)
2.	Environment in Pandemic times-	Extension	Students in lockdown

1. Report of Tree Survey in the College Campus conducted on 23rd March 2021

A tree survey was conducted jointly in collaboration with Bhoomitrasena club and NSS Unit of Baselius College on 23rd March 2021. The venue of the programme was samaramaramscientifically known as Monoon longifolium (= Polyalthia longifolia). The programme was inaugurated by Dr Biju Thomas, Principal, Baselius College, Kottayam and name boards were placed for various plants. Later Dr Krishnaraj MV., Assistant Professor, Dept.of Botany gave a felicitation speech and lead them to complete the tree survey in the campus. NSS volunteers and Bhoomitrasena club members assisted him to complete the task. We have identified 38diffrent species of trees in the campus. A list of it is given below.

- 1) Monoon longifolium (Soon)B.xue & RMK saunders
- 2) Simarouba glauca
- 3) Mangifera indica
- 4) Phyllanthus emblica
- 5) Psidium guajava
- 6) Swietenia mahagoni
- 7) Ficus benghalensis
- 8) Tectona grandis
- 9) Cocus nucifera
- 10) Terminalia bellirica
- 11) Prosopis juliflora
- 12) Cassia fistula
- 13) Mimusops elengi
- 14) Artocarpus integrifolia
- 15) Cinnamomum malabatrum
- 16) Chrysophyllum cainito
- 17) Artocarpus hirsutus
- 18) Euphorbia antiquorum
- 19) Gmelina arborea
- 20) Azadirachta indica
- 21) Artocarpus altilis
- 22) Bauhinia purpurea
- 23) Pongamia glabra
- 24) Persea americana
- 25) Dalbergia latifolia

- 26) Cananga odorata
- 27) Sterculia urens
- 28)Podocarpus sp.
- 29)Lagerstroemia speciosa
- 30) Acacia catechu
- 31) Syzygium luehmannii
- 32)Delonix regia
- 33) Eervatamia heyneana
- 34) Araucaria sp.
- 35) Citrus aurantifolia
- 36) Ficus benjamina
- *37) Thuja sp.*
- 38) Dypsis lutescens







2.5 Skill Development Programme/ Courses Organised Nil

2.6 Certificate Course Conducted, if any Nil

2.7 Student Participation and Achievement - Outside College

				Cinevellient – Outside	Conege		
SI N o	Name of the Studen t	Class	Ema il	Programme organised by with title of the Programme	Date of the Program me	Nature of achievemen t (Participati on/ Position to be specified))	Whethe r certifica te attached
1	Anjali S nair	D2 Botan y		Sree Sankara Vidyapeedam College- Ernakulam-Writing competition	15.08.20 20	Second Prize	Yes
2.	Sneha Daviso n	D3 Botan y		All Saints College- Thiruvananathapur am-Online short term Course-Plant Systematics- Classical to Modern	19-23 August 2020	Successfull y completed	Yes
	Praveg e P M	D1 Botan y		Intercollegiate Video making competition in connection with Wetland Day conducted by Dept. of Botany, Vimala College, Thrissur		Secured First Prize	Yes
4	Gladia Thoma s	D2 botan y		Department of Personal Training- Govt.of India- Covid-19 Training for NCC Cadets	17 th July 2020	Completed	Yes

5	Rilin Robin		Got selection for CSIR- Summer Research Training Programme 2020(Online Mode).CSIR- NEIST- JORGHAT	June- August- 2020	She successfully completed the programme	Yes
6	Shalini Reji	D3 Botan y	Water color competition- St.Alosyus College, Edathua	31.08.20 20	First prize	Yes



All Saints' College, Thiruvananthapuram

Affiliated to the University of Kerala and Re-accredited by NAAC with 'A' Grade

Certificate of Participation

This is to certify that Sneha Davison, student, Baselius college kottayam has successfully completed an Online Short Term Course on 'Plant Systematics: Classical to Modern' organized by the Department of Botany, All Saints' College, Thiruvananthapuram, Kerala during 19-23 August 2020.



Dr. Cinthya Christopher

Convener

Dr. Nisha K K Co- Convener

Dr. Sr. Shaina T J Co- Convener

Dr. Deepa M Principal







SREE SANKARA VIDYAPEETOM COLLEGE

VALAYANCHIRANGARA, PERUMBAVOOR, ERNAKULAM, KERALA, INDIA Reaccredited With NAAC 'A' Grade & Affiliated to Mahatma Gandhi University, Kottayam

> NATIONAL SERVICE SCHEME UNIT No. 49 (M G University)

CERTIFICATE OF APPRECIATION

This is to certify that Anjali A Nair of Baselius College, Kottayam has participated and secured Second prize in Writing competition organized by NSS Unit No.49 of Sree Sankara Vidyapeetom College, Valayanchirangara, Perumbavoor as part of Independence Day Celebrations conducted on 15th August, 2020



Dr. Nisha Unnikrishnan (Program officer)







POST GRADUATE DEPARTMENT OF BOTANY VIMALA COLLEGE (AUTONOMOUS), THRISSUR

This is to certify that Pravege P M of Baselius College, Kottayam has won the First prize in the intercollegiate video making competition in connection with World Wetland Day-2021' organized by Post Graduate Department of Botany, Vimala College (Autonomous), Thrissur.

Jan-

Dr. Jisha K. Faculty Coordinator

haralem

Dr. Sheeja T Tharakan Head, Department Of Botany Dr. Sr. Beena Jose Principal





SIR-SUMMER RESEARCH TRAINING PROGRAM (CSIR-SRTP)2020 ONLINE





CSIR-SUMMER RESEARCH TRAINING PROGRAM (CSIR-SRTP) 2020 ONLINE HAS THE FOLLOWING ACTIVITIES

Eminent Scientist Lectures, Special Sessions, Project specific classes, Elocution video, Poster designing, Essay writing, Assignments / Project works given by mentor/coordinator & Summer Research Project Completion Report

CANDIDATE'S NAME:	Rilin Robin	NI_NO. CSIR/SRTP/2020/NEIST/58	380
	GRADE: A	7	
1	IOST INSTITUTE: CSIR-NE	IST	
_ x	MENTOR'S NAME Dr. Annap	ourna Uppala	
R	EMARKS	MENTOR	- E4



ST. ALOYSIUS COLLEGE EDATHUA ALAPPUZHA, KERALA-689573, [NAAC A Grade Accredited]

This is to certify that

SALINI REJI

BASELIUS COLLEGE KOTTAYAM
has won the First place in WATER COLOUR COMPETITION

[Topic - SHAKUNTHALAM SCENES]
Organized by The Department Of Malayalam on 31/08/20

Dr. Jubin Antony IQAC Co-ordinator Dr.Jomole Jose HOD Dr.Jochan Joseph Principal

(Softcopy of certificates to be attached)

2.8 Any Other activity/point/ initiative worth mentioning (Attach supporting documents)

Prizes won by our students in programmes organized by other departments/clubs in our college

- 1. Salini Reji (D3 Botany)- Secured second prize in On the spot painting in Kala- Virtual Arts Festival 2020-21.
- 2. Arya B (D2 Botany)- Second prize in Classical music, Wind Instrument (Eastern) Kala-Virtual Arts Festival 2020-21
- 3.. Anitta Elizabeth Kuriakose (D2 Botany) Third prize in Collage Kala- Virtual Arts Festival 2020-21
- 4. **Salini Reji**(D3-Botany) secured third prize in **Portarait making** competition conducted by Fine Arts and Photography Club of Baselius College-under the auspicious memory of Chacha Nehru

5. **Salini Reji**, Baselius college kottayam has participated in the **CRAFTNERIA 2020 INTER-COLLEGIATE COMPETITION** organized by the Entrepreneurship Development Club, Baselius College, Kottayam on 10thOctober, 2020.

BASELIUS COLLEGE KOTTAYAM

(Affiliated to Mahatma Gandhi University, Kottayam, Kerala)
NAAC accredited @ A Grade

CERTIFICATE

OF PARTICIPATION

This is to certify that Salini Reji, Baselius college kottayam has participated in the CRAFTNERIA 2020 INTER-COLLEGIATE COMPETITION organized by the Entrepreneurship Development Club, Baselius College, Kottayam on 10th October, 2020.

C. A. H. Ricon

Dr. Biju Thomas Principal

cher.

Ms. Ancy Sam Convener



ORGANIZED BY ENTREPRENEURSHIP DEVELOPMENT CLUB









FINE ARTS AND PHOTOGRAPHY CLUB BASELIUS COLLEGE KOTTAYAM



Portrait making Competition on 'CHACHA NEHRU'

Certificate of Merit













Im De My Kausheardy

Teacher-in-charge of the association Club Activities

Jul-

General Co-ordinator-
