

ANNUAL REPORT 2023 -2024

UG DEPARTMENT OF BOTANY

MARKAZ ARTS AND SCIENCE COLLEGE, ATHAVANAD

The college reopened for the academic year 2023-2024 on 1st June Monday.

STAFF AND STUDENTS

Botany Department has 2 faculty members and 1 lab attender. Mr. Abdul Wahid K was the Head of The Department. Other faculty was Mrs. Sreeja

Mrs. Sreeja Sanjeev was selected as Department Secretary for the academic year 2023-2024.

The Department has 33 students in Bsc botany.

TOTAL NUMBER OF STUDENTS B.Sc. BOTANY DEGREE PROGRAMME 2022-2023

SL . NO	CLASS	NO: OF BOYS	NO. OF GIRLS	TOTAL STUDENTS
1	FIRST YEAR	1	15	16
2	SECOND YEAR	0	03	03
3	THIRD YEAR	0	14	14

Number of students in B.Sc. Programme 2023-2024

ADVISORY DETAILS

The details of advisors were as follows; Mrs.Sreeja sanjeev was assigned the duty of advisor of 1st year B.Sc. and Mr Abdul Wahid K was the 3rd and 2nd year B.Sc. class advisor.

LAST YEAR ACADEMIC RESULT

DEGREE

The number of candidates registered for the final year UG University examinations were 14. 14 students appeared for the examination and all are passed the examination. 100% result in 2023-24. Devisree V M was the class topper with 81 % for UG University examination.

100% Success rate in both 2023 and 2024.

DETAILS OF FDP ATTENDED BY FACULTIES

- The Five-Days Faculty Development Programme on 'NATIONAL EDUCATION POLICY-2020' organized by Internal Quality Assurance Cell (IQAC) from 02nd March 2024 to 07th March 2024

- The Five-Day Online Faculty Development Program organized by MES Kalladi College, Mannarkkad, in collaboration with Jamal Muhammed College, Trichi, under the Margadarshan Scheme of NAAC.
- FDP on OBE & Essential AI Tools for Teachers, Organized by Carmel College in Asso. with the KSHEC



MARKAZ ARTS AND SCIENCE COLLEGE
 (Affiliated to the University of Calicut)
 Markazu Tharbiyyathil Islamiyyah, Athavanada, Near Vallanchery
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 Ph: 9633 310 635, 8590 658 550 | Markazcollege@gmail.com | www.markazcollege.ac.in

CERTIFICATE
 OF PARTICIPATION

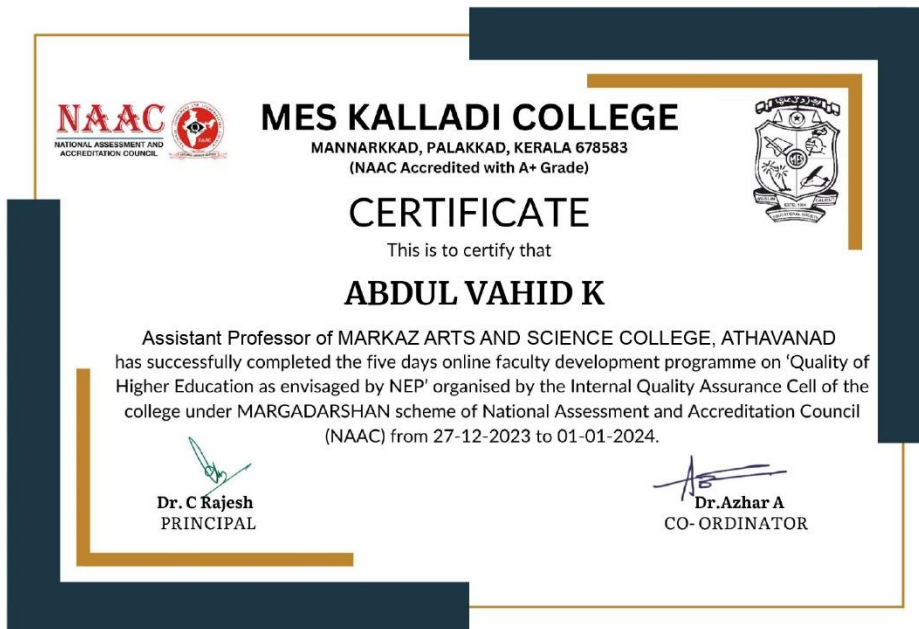
This is to Certify that,

Abdul Vahid K.
 Assistant Professor
 Markaz Arts and Science College, Athavanad

has actively participated in the Five-Days Faculty Development Programme on 'NATIONAL EDUCATION POLICY-2020' organized by Internal Quality Assurance Cell (IQAC) from 02nd March 2024 to 07th March 2024.

Mrs. Faseela M.P.
 Coordinator, IQAC

Dr. C.P. Mohamed Kuttty
 Principal



NAAC
 NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

MES KALLADI COLLEGE
 MANNARKKAD, PALAKKAD, KERALA 678583
 (NAAC Accredited with A+ Grade)

CERTIFICATE

This is to certify that

ABDUL VAHID K

Assistant Professor of MARKAZ ARTS AND SCIENCE COLLEGE, ATHAVANAD has successfully completed the five days online faculty development programme on 'Quality of Higher Education as envisaged by NEP' organised by the Internal Quality Assurance Cell of the college under MARGADARSHAN scheme of National Assessment and Accreditation Council (NAAC) from 27-12-2023 to 01-01-2024.

Dr. C Rajesh
 PRINCIPAL

Dr. Azhar A
 CO-ORDINATOR

FACULTY ACHIEVEMENTS

- Mr Sreeja Sanjeev, Assistant Professor, has cleared SET this year.
-

DETAILS OF FACULTY ATTENDED PROGRAMMES

Mr Abdul Vahid K participated in an International Seminar, “**Exploring Climate Change, Social, and Medicinal Plants**”, conducted by Department of Botany, Kottakkal Farook Arts and Science College, Kottakkal on 3rd August 2023.



➤ **DETAILS OF STUDENTS ATTENDED PROGRAMMES**

- Students of UG department of Botany, MASC, participated in an International Seminar, “**Exploring Climate Change, Social, and Medicinal Plants**”, conducted by Department of Botany, Kottakkal Farook Arts and Science College, Kottakkal on 3rd August 2023.



➤ **DETAILS OF PUBLICATIONS**

Phytochemical analysis and antibacterial property of flowers of *Abrus precatorius* L., IJARESM, VOLUME 12, ISSUE 5, MAY 2024.

DETAILS OF DEPARTMENT ACTIVITES

1. Quiz competition

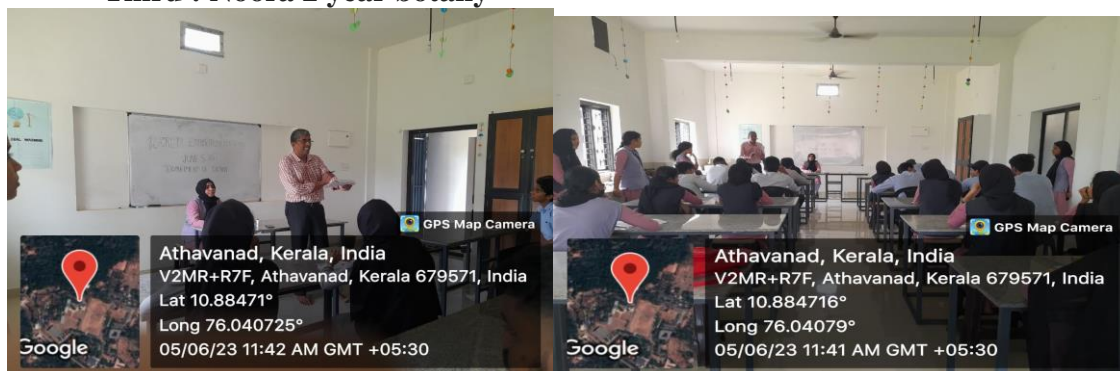
UG department of botany in association with IQAC conducted a quiz competition on June 5th as a part of world environmental day celebration.

This programme was coordianted by Aboobacker Sidheek V, assistant professor, Department of Botany. This programme was conducted in order to remind people to save nature. Students from various department participated.

18 students participated in this programme.

The objective of this programme was to provide the importance of environment and its protection.

- **First : Fathima Hamna 2 year microbiology**
- **Second : Vinay PG chemistry**
- **Third : Noora 2 year botany**

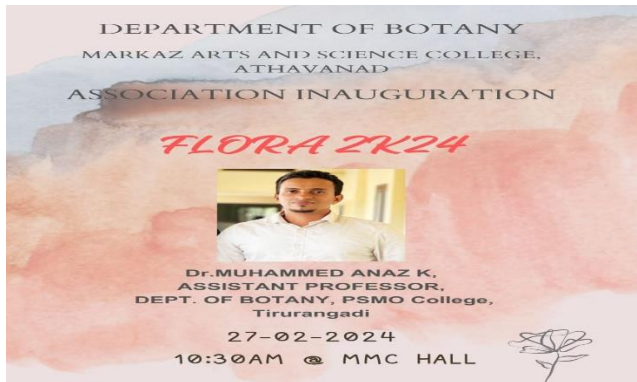


Aboobacker Sidheek V, programme coordinator, giving instruction of the quiz competition.

The poster is for a quiz competition. At the top, it reads 'Markaz Arts and Science College Athavand' in yellow. Below that, 'Department of Botany' is written in large white letters, followed by 'In association with IQAC' in yellow. The text 'organizing quiz day competition on World environment day June 5' is in white. On the left, there is a circular logo with a stylized figure and the motto 'LEAD US TO THE LIGHT'. The central image shows a pair of hands holding a small green tree. Below this, the word 'DETAILS' is written in bold white letters. Underneath, the event details are listed: 'Date: 05/06/2023', 'Time: 11:00 am', and 'Venu: Botany lab'. At the bottom left, it says 'TWO STUDENTS CAN PARTICIPATE FROM EACH CLASS'. At the bottom right, 'WORLD ENVIRONMENT DAY JUNE 5' is written in yellow and blue. The background is dark blue with a yellow section at the bottom right.

2. Seminar

- Department of Botany conducted Inauguration of 'Department Association'; named as FLORA 2K24 and an invited talk on DNA Barcoding on 27th February 2024 at MMC Hall. Mr. Abdul Vahid.K, HOD, Department of Botany conducted welcome speech, Smt. Sreeja Sanjeev, Asst. Professor, Department of Botany conducted presidential address. Mr. Aboobacker Sidhek, HOD of Department of Zoology conducted Felicitation address. The resource person of the programme was Dr. Muhammed Anaz K, Asst.Professor, Department of Botany, PSMO College,Tirurangadi. The session was very helpful to get the information about Applications of DNA Barcoding and Gene library.Students got the idea about the practical utility in DNA Barcoding.





Dr. Muhammed Anaz K delivering a lecture after inauguration.

- UG Department of Botany in association with IQAC conducted a one day seminar on 24th January 2024 at botany department on the topic ‘RESEARCH METHODOLOGY’.

All about research and its important are described in this seminar.

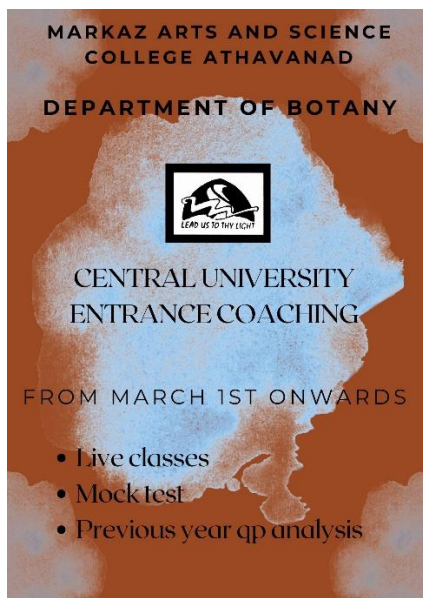
At the end students able to understand the important of research and its methodology. Mrs Sreeja Sanjeev welcomed the programme. Mr Musthafa anand, Former HoD, Dept. of Botany, PSMO college, was the resource person. Total 17 students were attended the seminar.





Muthafa sir interacting with students

- UG Department of Botany conducted Central university entrance coaching programme, especially for Aligarh Muslim University, CU and CUET-PG (From March onwards) under the guidance of head of the department for final year students. All the topics from first semester to 6th semester based on the syllabus of the exam were covered in this Central university entrance coaching programme. Series of mock tests was conducted before the entrance examination.



- Fahma N qualified MSc Botany Entrance exam conducted by Aligarh Muslim University.



- UG Department of Botany in association with Microbiology and IQAC conducted a one-day seminar on 6th march 2024 at micro lab on the topic 'Bacterial Culture'. At the end students able to understand the bacterial culturing and its different types. Mrs Abdul vahid, HoD, welcomed the programme. Mr Shamla A K, Assistant Professor, Dept of Mircobiology, was the resource person. Total 14 students were attended the seminar.






Shamla A k, Assistant professor, explaining the bacterial culture

- UG Department of Botany in association with IQAC and Dept of Zoology, conducted a class on 27th February 2024 at botany department on the topic Law. To develop awareness among students about Basic laws and consideration in Indian constitution for the safety and security of women. Mrs Sreeja Sanjeev welcomed the programme. Mr Abookacker Sideeh V, HoD, Dept. of Zoology, was the resource person. Total 16 students were attended the seminar.


DEPARTMENT OF BOTANY
IN ASSOCIATION WITH IQAC

**AWARNNESS CLASS
ON LAW**



Aboobacker sideek v
HoD, Dept. of Zoology

27/02/24
ZOOLOGY LAB
@1:30 PM



MARKAZ ARTS AND SCIENCE COLLEGE
ATHAVANAD



Aboobacker Sideek Sir talking about importance of law

3. OTHER ACTIVITIES

- SEMINAR IN OTHER CLASSES

Students from 3rd year Bsc botany presented their 6th semester seminar (Genetics and plant breeding) in 2nd degree Bsc botany class on 22nd February 2024.

This kind of seminar presentation enable them to manage the audience and also avoid their fear in front of huge crowd.



- INDUCTION PROGRAMME

Botany department conducted induction programme for 1st year Bsc students along with other departments on 08/08/23.



DETAILS OF PTA MEETING

PTA meetings were conducted for all the batches. All the meetings were conducted in the offline mode.

1. 07/08/2023 at 11 am for 5th semester
2. 02/11/2023 at 11 am for 5th semester
3. 27/03/24 at 2:30 pm for 4th semester
4. 28/02/23 at 11 am for First semester

Thus, a total of 4 PTA meetings were conducted in the academic year 2023-2024.

CERTIFICATE COURSE

Department provided an add-on course for the students on the topic “Modern Trends in Taxonomy”. 16 students enrolled in certificate course provided by the department on the topic ‘Modern Trends in Taxonomy’ in this year. This certification course covers all the modern techniques related to plant taxonomy.



DEPARTMENT OF BOTANY
MARKAZ ARTS AND SCIENCE COLLEGE, ATHAVANAD
KARTHALA P.O, ATHAVANAD, MALAPPURAM DT, KERALA- 679571

CERTIFICATE

This is to certify that.....has
Successfully completed Certificate course of 30 hours in Modern Trends in
Taxonomy with grade
Organized by Department of Botany
Markaz Arts and Science College, Athavanad, during the academic year 2023-24

.....
Mr. ABDUL VAHID K
Co-ordinator & Head
Department of Botany



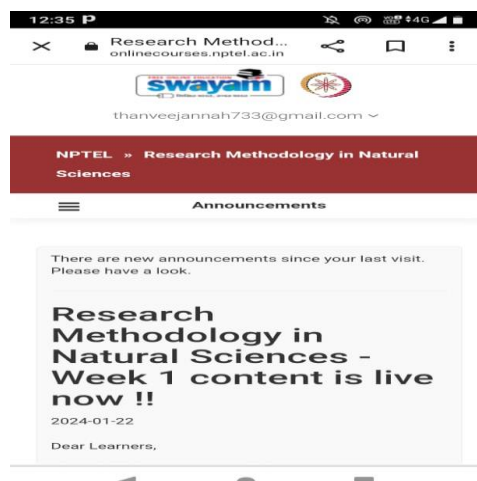
.....
Dr. CP. Mohamed Kutty
Principal



SWAYAM Course

Students of Botany department enrolled in the swayam courses such as Research methodology, Natural Hazard and Molecular Biology.

Total 33 students enrolled in swayam course.



EXTRA AND CO-CURRICULAR ACTIVITES

Yoga Day Celebrations

As part of International Yoga Day, NSS Unit of Markaz Arts & Science College organized Yoga Training Program on 16/06/2023 at M.M.C Hall. College Principal Dr. C.P. Muhammad Kutty inaugurated the program. NSS Program Officer Sharafudheen . K Presided over. NSS second and third year botany participated in the program led by Yoga Trainer, Al Gazi.



Azadi ka Amirt Mahotsv

As Part of Azadi ka Amrit Mahotsav , Veerom ka Vandan NSS volunteers planted 75 trees nearby Campus on 31 /7/2023. All NSS candidates of Botany participated.



Old Age Home Visit

NSS unit of Markaz Arts and Science College visited Govt. Old Age Home Thavanoor on 1/8/2023 . Food and necessities distributed to hostages and cultural programs Conducted. The program coordinated by Mr.Sharafudheen.K, Program officer and second year botany NSS volunteers participated in this visit.



Har Gur Tiranga

As Part of Azadi ka Amrit Mahotsav,NSS Volunteers of Markaz Arts and Science College Athavanad Conducted “Har Ghar Tiranga” and Oath Taking on 12/8/2023 at Markaz Campus. Students hoisted flag at homes.



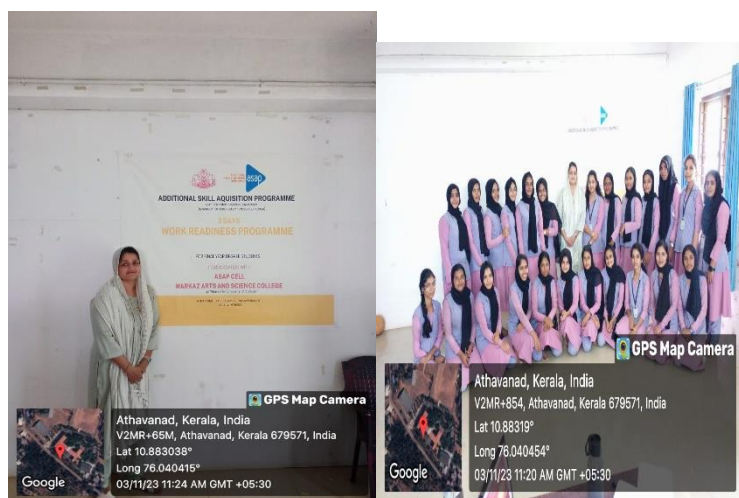
YUVA SAMVAD

As part of Azadi Ka Amrit Mahotsav, Yuva Samvad was organized on 10/10/2023, at 10 AM in College Auditorium under the auspices of NSS Unit, Markaz Arts & Science College and Nehru Yuva Centre. Constituent MLA Prof. K.K. Abid Hussain Koya Thangal inaugurated. College Principal Dr. C.P Mohamed Kutty . The program started by welcome address of Muhamad Kutty, Malappuram District Coordinator Mr. D. Unnikrishnan presided.

NSS students from Botany participated in this programme.



Botany third year students Of Markaz Arts & Science College participated in a three-day world readiness programme conducted by ASAP on 03/11/2023



OPEN House exhibition

Botany department actively participated open house exhibition conducted by IQAC, MAS College, Athavanad on 28/02/2024 . Herbarium, Specimens and other specimens are exhibited in this open house exhibition. Along with botany, zoology department also participated in the botany lab.



ARTS FEST 2023-24

Arts fest 2023-24 “KALAYUGAM” was conducted on 29th february, Thursday. The Vice principal Mr MOHAMMED SHAFI C.C welcomed the programme. Presidential address was given by our respective principal Dr. C.P. MOHAMMED KUTTY. Arts fest has been by all the students into four groups namely Blue, Green, Yellow and Red. Various off stage and on-stage programmes were conducted. UG students of Department of Botany participated in various events and bagged various positions.



Kalayugam
ARTS FESTIVAL 2023-24

PROGRAMME SCHEDULE
29.02.2024 @ CAMPUS AUDITORIUM

10:00 am -10:15 am	INAUGURAL CEREMONY
10:20 am -10:40 am	MAPPILAPPATTU (FEMALE)
10:45 am -11:15 am	MAPPILAPPATTU (MALE)
11:20 am -11:50 am	FOLK DANCE
11:55 am -12:20 pm	MAPPILAPPATTU (GROUP)
12:25 pm -12:50 pm	MIME (GIRLS)
LUNCH BREAK	
01:30 pm -02:00 pm	BHARATHANATYAM
02:00 pm -02:30 pm	PATRIOTIC SONG
02:30 pm -03:00 pm	OPPANA & THIRUVATHIRA
03:00 pm -03:30 pm	FOLK SONG
03:30 pm -04:00 pm	VANJIPPATTU
04:00 pm -04:45 pm	CLOSING CEREMONY

Enjoy
The End

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MERAKI
COLLEGE UNION
2023-24
PRESENTS

കലയുഗം
ARTS FEST 2024

29 FEB 2024
THURSDAY

MARKAZ
ARTS & SCIENCE COLLEGE
(AFFILIATED TO THE UNIVERSITY OF CALICUT)
MARKAZ, THIRUVAYALIL EDULAVAYAL, ATHAVANAD, NEAR VALANCHERY,
P.O. KARTHALA, MALAPPURAM DISTRICT, KERALA
PH: 9633 310 635, 9348 658 551

The list programmes and students participate in various off stage programme.

SI NO	NAME OF PROGRAMME	CLASS	NAME OF STUDENTS PARTICIPATED	PRICE
1.	Essay writing- Mal	3 rd year	Amna c	2 nd price
2.	Pencil drawing	3 rd year	Amna c	1 st price
3.	water coloring	3 rd year	Amna c	2 nd price
4.	Versification -mal	3 rd year	Amna c	2 nd price
5.				
6.				

The list programmes and students participate in various on stage programme.

SI NO	NAME OF PROGRAMME	CLASS	NAME OF STUDENTS PARTICIPATED	PRICE
1	Vanjippatt	3 rd year	Shifabina Sherif	2nd
2	Nadanpatt	3 rd year	Shifabina Sherif	2nd
3	Recitation Hindi	3 rd year	Shifabina Sherif	2nd
4	Bharathanatyam	3 rd year	Sreeranjini	2nd
5	Group dance	3 rd year	Sreeranjini & Krishnaveni	1 st

SPORTS

ANNUAL SPORTS MEET

Department of physical education conducted Annual Athletic Championships “INVICTA- SPORTS MEET 2K24” was held on 05th February 2024. Mr. Asad Ali kk inaugurate the championships.



MARKAZ
ARTS & SCIENCE COLLEGE
AFFILIATED TO THE UNIVERSITY OF CALICUT
KARTHALA PO, ATHAVANAD

Following students are participated in the Annual Athletic Championships

- Amna- 800 mtr
- Shifabina- 800 mtr

INTERDEPARTMENTAL CLAY MODELLING AND TERRARIUM MAKING

Department of Microbiology organized a interdepartmental clay modelling and Terrarium making on 05/12/23 at 11 am . AMNA C and ADITHYA DAS C K from third year botany, participated in the programme and bagged 2nd in clay modelling and third in terrarium making.

DEPARTMENT OF MICROBIOLOGY

Organizes

WORLD SOIL DAY

On 05/12/2023

**Interdepartmental
CLAY MODELLING
&
TERRARIUM MAKING
competitions**

Soil and water, a source of life

 **MARKAZ ARTS AND SCIENCE COLLEGE, ATHAVANAD**

**CONGRATULATIONS
TO THE WINNERS**

OF WORLD SOIL DAY COMPETITIONS ORGANIZED
BY
DEPARTMENT OF MICROBIOLOGY

Terrarium Making

1. RAFA NAZLIN & SALAMA JASMIN
THIRD YEAR MICROBIOLOGY
2. NOORUL AFEEDHA & DILSHA P K
THIRD YEAR MICROBIOLOGY
3. SHIFNA SHERY & AYSHA MARVA
FIRST YEAR MICROBIOLOGY
&
AMNA & ADITHYA DAS
THIRD YEAR BOTANY

Clay Art

1. HASANA .P & PAVITHRA
SECOND YEAR CHEMISTRY
2. AMNA & ADITHYA DAS
THIRD YEAR BOTANY
3. JAHANA SHERIN & JINAS
FIRST YEAR M.COM
&
AFNAN & FATHIMA HIBA
FIRST YEAR BIOCHEMISTRY

 **MARKAZ ARTS & SCIENCE COLLEGE, ATHAVANAD**

ONAM CELEBRATION

Onam is the biggest festival in the Indian state of Kerala. Onam Festival falls during the Malayali month of Chingam (Aug - Sep) and marks the homecoming of legendary King Mahabali.

Markaz arts and science college celebrated Onam festival in the name "Theythaka" on 24th of August and conducted various cultural programmes.



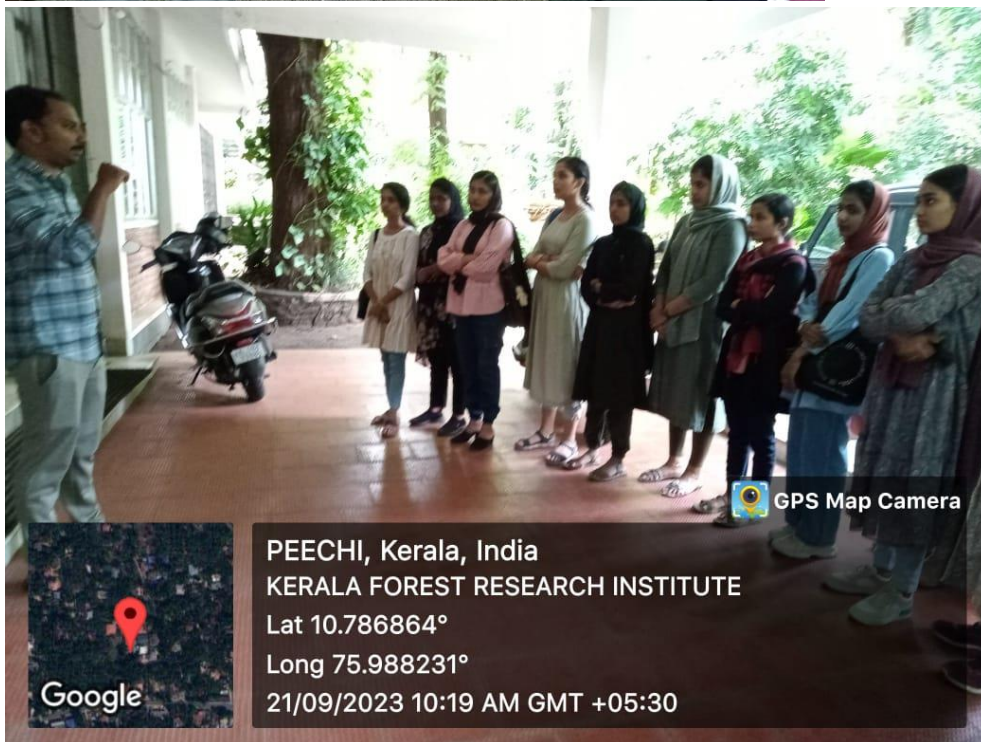
Lemon spoon, bottle filling, vadamvalli, rope escape etc... are the some of the programmes. Students from Department of Botany participated in various programme.

The list programmes and students participate in various programme.

SI NO	NAME OF PROGRAMME	CLASS	NAME OF STUDENTS PARTICIPATED	PRICE
1.	Lemon spoon	3 rd YEAR	Krishnaveni	
2.	Vadamvalli	3 rd YEAR	Amna and team	
3.	Onappatt	3 rd YEAR and 2 ND YEAR	Shifabina and team	
4.	Bottle filling	3 rd YEAR	Amna	
5.	Lemon spoon	2 ND YEAR	Amna	

DETAILS OF IV CONDUCTED

- Third year students of Department of botany visited KFRI, Peechi, Trissur. Total 14 students visited along with 2 faculty member from department.



Final year degree students – KFRRI, Peechi, Trissur

- Third year students and second year students of Department of botany visited Kodikanal and ecological regions as a part of 6th semester Curriculum.



Grape's plantation – theni, Tamilnadu