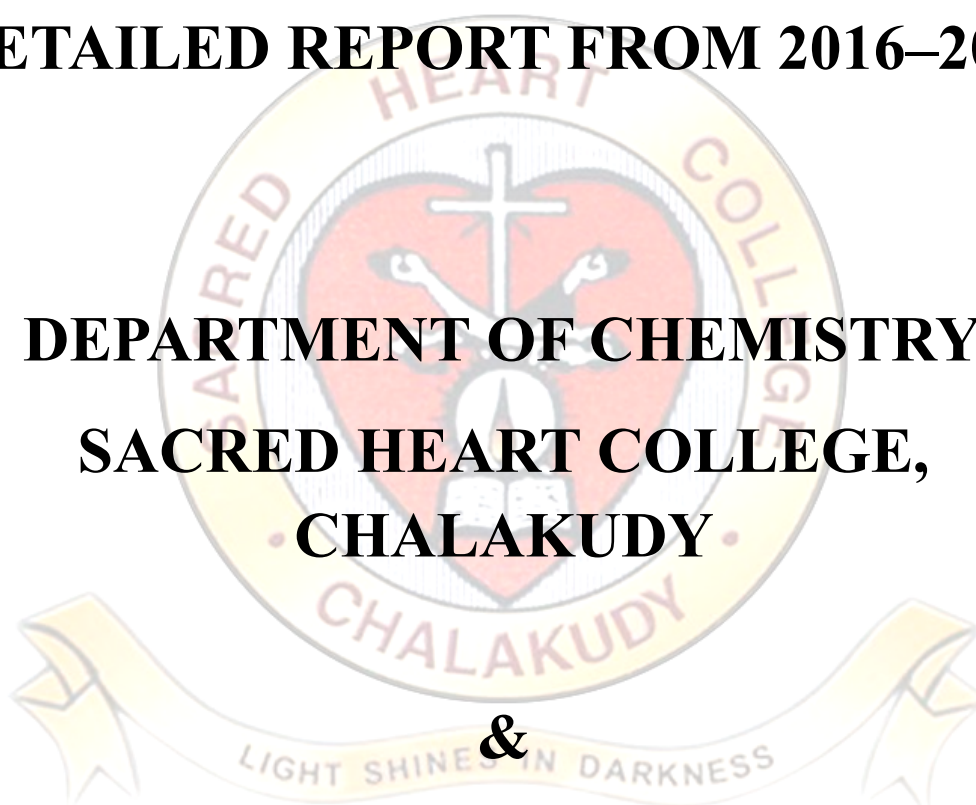


COLLABORATIVE PROGRAMME

DETAILED REPORT FROM 2016–2021

**DEPARTMENT OF CHEMISTRY
SACRED HEART COLLEGE,
CHALAKUDY**



**KERALA AGRONOMY RESEARCH
STATION, CHALAKUDY**

Collaboration for Student and faculty Exchange

We have collaborated with Kerala Agronomy Research Centre Chalakudy, which comes under Kerala Agricultural University and the lead functions are water management for rice and rice-based cropping system and other annual crops. The department collaborated with them to organize seminars and observe International Soil Day, etc. in order to create a new academic as well as practical and analytical thinking among students. We have created a very good rapport with them by collaborating programmes consistently every year. Students of the SH College has participated in the academic activities organised by Agronomy Research Center. The faculty from the Research Center took several sessions for our students too. Every year new batch of our students are experiencing the soil awareness classes and instrumental analysis available in the Agronomy Station as part of the Student Exchange programme. Various programmes such as quiz, proverb contest, etc. were conducted to encourage and widen the knowledge horizon of the students.

Document to prove the collaboration



KERALA AGRICULTURAL UNIVERSITY
AGRONOMIC RESEARCH STATION
CHALAKUDY, THRISSUR – 680 307.
Phone: 0480 - 2702116
E-mail: arschalakudy@kau.in

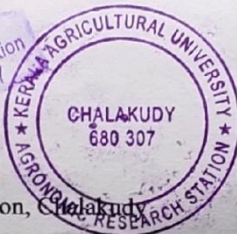
8th June, 2016

Memorandum of Understanding for Collaboration

This Memorandum is prepared with the purpose of establishing collaboration between Agronomic Research Station, Chalakudy, research center of Kerala Agricultural University, Thrissur and the Department of Chemistry, Sacred Heart College for Women, Chalakudy. The collaboration sought between the institutions include conduct of student research projects, seminars, workshops, and related activities for the coming five years. The costs of organizing the events or exchanges should be borne by the respective institutions itself.

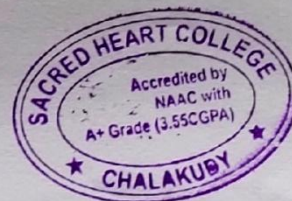
Signature

Professor & Head
Agronomic Research Station
Chalakudy - 680307
Dr. Mini Abraham
Professor and Head
Agronomic Research Station, Chalakudy



Signature

PRINCIPAL
SACRED HEART COLLEGE
CHALAKUDY
Dr. Sr. Reena Ittyachan
Principal
Sacred Heart College, Chalakudy



Collaborative programme report with Kerala Agronomy Research Station, Chalakudy

2016-17

In this year, the World Soil Day was celebrated on 5th December, 2016. The programme was organized at Seminar Hall, ARS, Chalakudy at 2 pm. Dr. Mini Abraham, Associate Professor, ARS Chalakudy welcomed the gathering and introduced the programme to the audience. Dr. Santhosh Paul, Assistant Professor, Department of Chemistry, Sacred Heart College, Chalakudy delivered felicitation. Dr. Bhindhu, Assistant professor, ARS Chalakudy was the resource person.

The prizes for the winners of the competitions conducted were distributed in the same programmes. The soil testing demonstration classes give very good understanding about the nature of different soil and the importance of testing the soil before cultivating vegetables, fruit plants and any other type of crops. It imparts very much practical knowledge about the importance of different nutrients essential for plants and crops.

The one of the important point to be mentioned here is our sincere efforts in collaborating with Kerala Agronomy Research Station opens up the job opportunities for our students too. One of our students, Ms. Harsha Hariharan was working as a soil analyst at Agronomy Research Station, Chalakudy.

Coordinators of the programme:

- 1) Dr. Santhosh Paul, Assistant Professor, Department of Chemistry, Sacred Heart College, Chalakudy
- 2) Dr. Mini Abraham, Associate Professor, Kerala Agronomy Research Station, Chalakudy

Brochure of the programme showing collaboration



Photo of the programme



Student volunteers:

1. Adullya Pankajan
2. Annmary Anto I DC Chemistry
3. Ayillya Deraraj I DC Chemistry
4. Changel Anto
5. Shima Surendran
6. Akshaya P S

Student participants of the programme

Sl. No.	Name	class
1.	Adullya Pankajan	I DC Chemistry
2.	Akhila joy	I DC Chemistry
3.	Amurtha K A	I DC Chemistry
4.	Anjali N	I DC Chemistry
5.	Annmary Anto	I DC Chemistry
6.	Ayillya Deraraj	I DC Chemistry
7.	Changel Anto	I DC Chemistry
8.	Daliya Bernard	I DC Chemistry
9.	Delma Wilson	I DC Chemistry
10.	Divega P S	I DC Chemistry
11.	Edjiya Varghese	I DC Chemistry
12.	Feji Joseph K	I DC Chemistry
13.	Henna Anto	I DC Chemistry
14.	Jibitha Anto	I DC Chemistry
15.	Sr.Mariya K Grace	I DC Chemistry
16.	Meenu Varghese	I DC Chemistry

17.	Merin Baby	I DC Chemistry
18.	Pournami V P	I DC Chemistry
19.	Rosemol Mattathy	I DC Chemistry
20.	Sandra Mathew	I DC Chemistry
21.	Sandra P S	I DC Chemistry
22.	Sivaganga S R	I DC Chemistry
23.	Sreelakshmyi Raveendran	I DC Chemistry
24.	Akhila K A	I DC Chemistry
25.	Akshaya P S	I DC Chemistry
26.	Ashana K Moideen	I DC Chemistry
27.	Dheena Mary Francis	I DC Chemistry
28.	Hemalatha K H	I DC Chemistry
29.	Jasmin Jose	I DC Chemistry
30.	Jesny Joy	I DC Chemistry
31.	Melvina Mathew	I DC Chemistry
32.	Praise Mary Jacob	I DC Chemistry
33.	Renjisha K R	I DC Chemistry
34.	Revathy M	I DC Chemistry
35.	Shafna Ashmi V M	I DC Chemistry
36.	Shima Surendran	I DC Chemistry
37.	Sreeji A.H	I DC Chemistry

Collaborative programme report with Kerala Agronomy Research Station, Chalakudy

2017-18

We have collaborated successfully with Kerala Agronomy Research Centre Chalakudy, which comes under Kerala Agricultural University and the lead functions are water management for

rice and rice-based cropping system and other annual crops. The department collaborated with them to organize seminars and observe International Soil Day, etc. in order to create a new academic as well as practical and analytical thinking among students. In this year the World Soil Day was observed on 4th December, 2017. The programme was organized at Seminar Hall, ARS, Chalakudy at 2 pm. Dr. Mini Abraham, HoD, ARS, Chalakudy was delivered a welcome speech and introduced about the programme. Dr. Santhosh Paul, Assistant professor, Department of Chemistry felicitated the gathering. Dr. Bhindu P S, Assistant professor, ARS Chalakudy was the resource person of the programme. We have created a very good rapport with them by collaborating programmes consistently every year.

New batch of our students are experiencing the soil awareness classes and instrumental analysis available in the Agronomy Station. Various programmes such as quiz, seminar, etc. were conducted to encourage and widen the knowledge horizon of the students. The soil testing demonstration classes give a very good understanding about the nature of different soil and the importance of testing the soil before cultivating vegetables, fruits, plants and any other type of crops. It imparts practical knowledge about the importance of different nutrients essential for plants and crops.

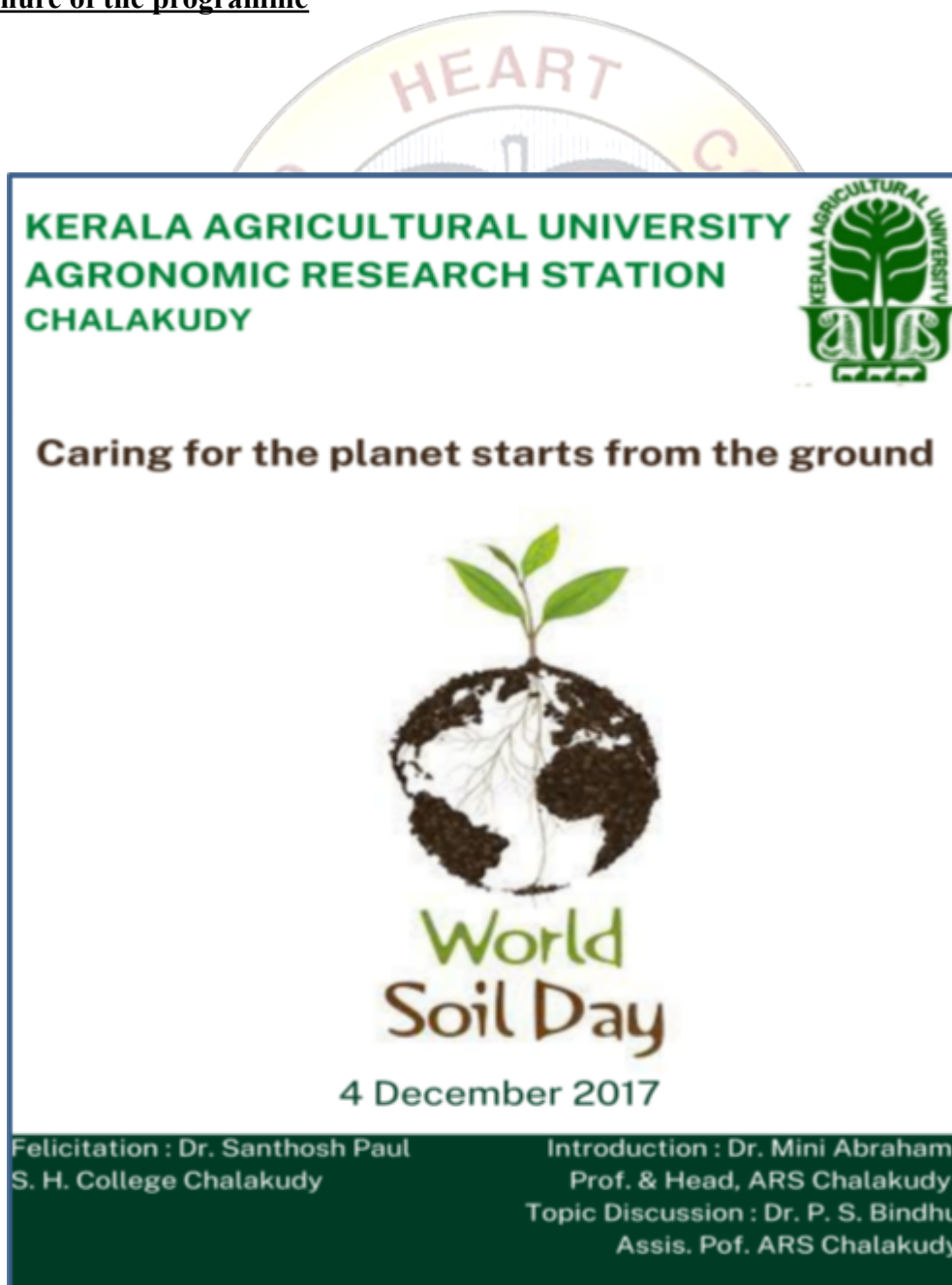
One of the important point to be mentioned here is our sincere efforts in collaborating with Kerala Agronomy Research Station opens up the job opportunities for our students too. One of our students, Ms. Harsha Hariharan was working as a soil analyst at Agronomy Research Station, Chalakudy.

Coordinators of the programme:


- 1) Dr. Santhosh Paul, Assistant Professor, Department of Chemistry, Sacred Heart College, Chalakudy

- 2) Dr. Mini Abraham, Associate Professor, Kerala Agronomy Research Station, Chalakudy


Brochure of the programme



**KERALA AGRICULTURAL UNIVERSITY
AGRONOMIC RESEARCH STATION
CHALAKUDY**



Caring for the planet starts from the ground



**World
Soil Day**

4 December 2017

Felicitation : Dr. Santhosh Paul
S. H. College Chalakudy

Introduction : Dr. Mini Abraham
Prof. & Head, ARS Chalakudy

Topic Discussion : Dr. P. S. Bindhu
Assis. Pof. ARS Chalakudy

Photos of the programme



Volunteers of the programme:

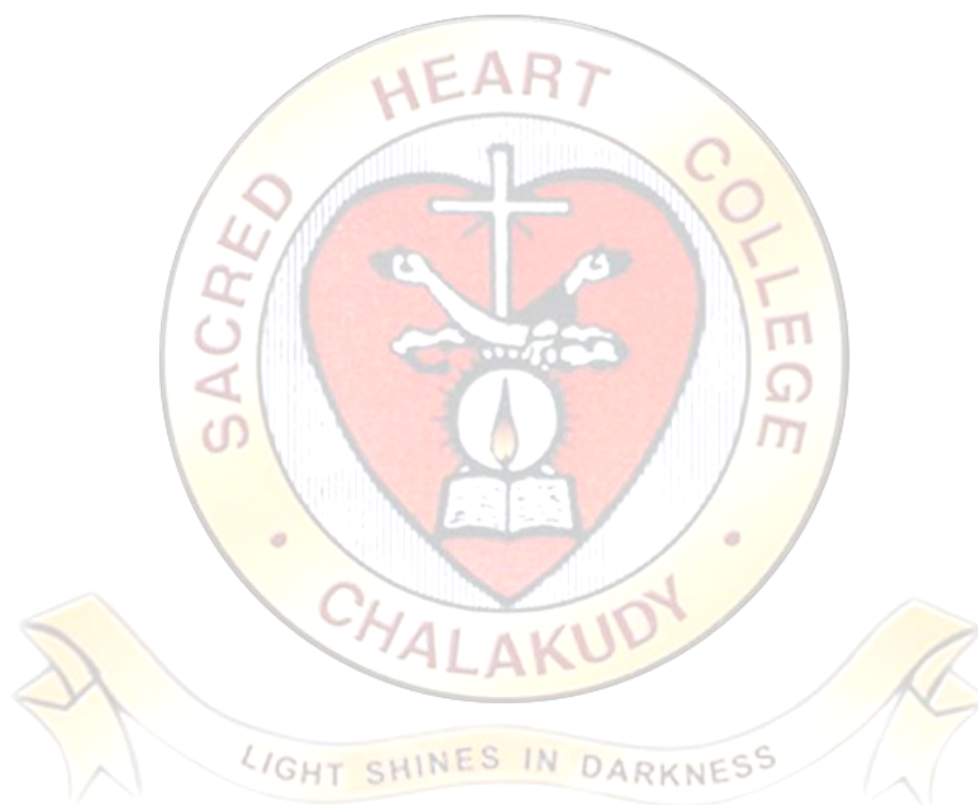
1. Ann Mariya Thomas
2. Fathima Nusra T P
3. Jewel M Shaji
4. Soniya Varghese
5. Vinaya T V
6. Indhu Prasannan

List of student participants

Sl.No.	Name	Class
1.	Aleena Rose Jacob	I DC Chemistry
2.	Amrutha K S	I DC Chemistry
3.	Angel	I DC Chemistry
4.	Anju T B	I DC Chemistry
5.	Anlin George P	I DC Chemistry
6.	Ann Mariya Shaji	I DC Chemistry
7.	Ann Mariya Thomas	I DC Chemistry
8.	Anmerlin Cheriyan	I DC Chemistry
9.	Ansa Antony	I DC Chemistry

10.	Archana S	I DC Chemistry
11.	Anu Santhosh	I DC Chemistry
12.	Dhanya George	I DC Chemistry
13.	Fathima Nusra T P	I DC Chemistry
14.	Gayathri Unnikrishnan	I DC Chemistry
15.	Gracy Simon	I DC Chemistry
16.	Harsha M S	I DC Chemistry
17.	Hefity Jose	I DC Chemistry
18.	Indhu Prasannan	I DC Chemistry
19.	Irene Johny	I DC Chemistry
20.	Jensy Joy	I DC Chemistry
21.	Jesmy Jose	I DC Chemistry
22.	Jewel M Shaji	I DC Chemistry
23.	Jismol M S	I DC Chemistry
24.	Keerthi Joseph	I DC Chemistry
25.	Krishna Rajesh	I DC Chemistry
26.	Krishna Suresh A	I DC Chemistry
27.	Manju S Nair	I DC Chemistry
28.	Neenu Maria Thankachan	I DC Chemistry
29.	Pooja N P	I DC Chemistry
30.	Righa Babu	I DC Chemistry
31.	Risna P R	I DC Chemistry
32.	Sajitha Barvin S	I DC Chemistry
33.	Shiya Johnson	I DC Chemistry
34.	Soniya Varghese	I DC Chemistry
35.	Sreebhavya Chandran	I DC Chemistry

36.	Sreekutty K S	I DC Chemistry
37.	Vinaya T V	I DC Chemistry
38.	Vrinda B	I DC Chemistry



Collaborative programme report with Kerala Agronomy Research Station, Chalakudy

2018-19

Our collaboration continues successfully with Kerala Agronomy Research Center Chalakudy, which comes under Kerala Agricultural University and the lead functions are water management for rice and rice-based cropping system and other annual crops. The department collaborated with them to organize seminars and observe International Soil Day, etc. in order to create a new academic as well as practical and analytical thinking among students. In this year, the World Soil Day was observed on 5th December, 2018. The programme was organized at Seminar Hall, ARS, Chalakudy at 2 pm. Dr. E K Kurian, HoD, ARS, Chalakudy was delivered a welcome speech and Dr. Mini Abraham, Associate Professor, ARS, Chalakudy introduced about the programme. Dr. Santhosh Paul, Assistant professor, Department of Chemistry facilitated the gathering. Dr. Bhindu P S, Assistant professor, ARS Chalakudy was the resource person of the programme. We have created a very good rapport with them by collaborating programmes consistently every year.

New batch of our students are experiencing the soil awareness classes and instrumental analysis available in the Agronomy Station. Various programmes such as quiz, seminar, etc. were conducted to encourage and widen the knowledge horizon of the students. The soil testing demonstration classes gives very good understanding about the nature of different soil and the importance of testing the soil before cultivating vegetables, fruits plants and any other type of crops. It imparts practical knowledge about the importance of different nutrients essential for plants and crops.

One of the important point to be mentioned here is our sincere efforts in collaborating with Kerala Agronomy Research Station opens up the job opportunities for our students too. One of our students, Ms. Anumol Andrews was working as a soil analyst at Agronomy Research Station, Chalakudy.

Coordinators of the programme:

- 1) Dr. Santhosh Paul, Assistant Professor, Department of Chemistry, Sacred Heart College, Chalakudy
- 2) Dr. Mini Abraham, Associate Professor, Kerala Agronomy Research Station, Chalakudy

**KERALA AGRICULTURAL UNIVERSITY
AGRONOMIC RESEARCH STATION
CHALAKUDY**



**BE THE SOLUTION
TO SOIL POLLUTION**
5 December 2018

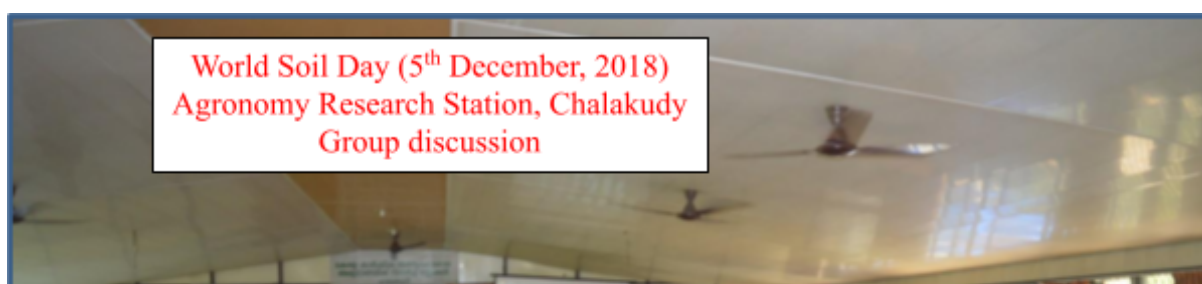


**Felicitation : Dr. Santhosh Paul
S. H. College Chalakudy**

**Welcome speech : E. K. Kurian
Head, ARS Chalakudy**

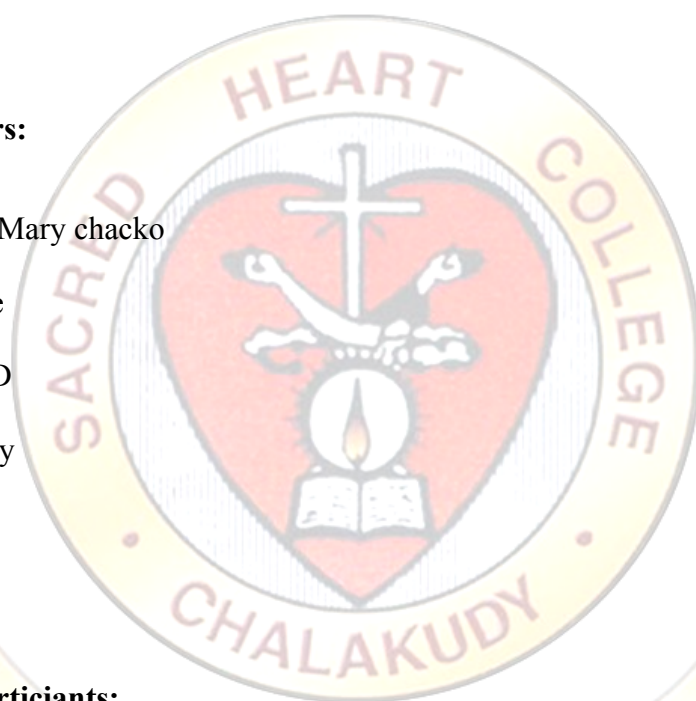
**Introduction : Dr. Mini Abraham
Professor, ARS Chalakudy**

Photo of the programme



Student Volunteers:

1. Christeena Mary chacko
2. Sandra Jose
3. Devika M D
4. Aliya Benny
5. Liya Joy
6. T.S.kavya



List of student participants:

Sl.No.	Name	Class
1.	Akhila M. S	I DC Chemistry
2.	Amala rose P.R	I DC Chemistry
3.	Anagha K.S	I DC Chemistry
4.	Ancy C.P	I DC Chemistry
5.	Anet babu	I DC Chemistry
6.	Ashitha Rafeek	I DC Chemistry
7.	Aswini P.A	I DC Chemistry
8.	Athira M	I DC Chemistry

9.	Athira P.N	I DC Chemistry
10.	Christeena Mary chacko	I DC Chemistry
11.	Devika M D	I DC Chemistry
12.	Diya Thajudeen	I DC Chemistry
13.	Malavika t. P	I DC Chemistry
14.	Manya Manikandan	I DC Chemistry
15.	Mariya Davis	I DC Chemistry
16.	Mayadevi v.m	I DC Chemistry
17.	Roslin Francis	I DC Chemistry
18.	Sandra Jose	I DC Chemistry
19.	T.S.kavya	I DC Chemistry
20.	Viniya Benny	I DC Chemistry
21.	Aleena Ros Thomas	I DC Chemistry
22.	Aliya Benny	I DC Chemistry
23.	Ann Jewel Babu	I DC Chemistry
24.	Anupa Shylan	I DC Chemistry
25.	Anusree E. A	I DC Chemistry
26.	Arpitha .S	I DC Chemistry
27.	Aswathy K J	I DC Chemistry
28.	Liya Joy	I DC Chemistry
29.	Mariya Jaison. P	I DC Chemistry
30.	Monica Antony	I DC Chemistry
31.	Nandha M.R.	I DC Chemistry
32.	Neeraja K. Babu	I DC Chemistry
33.	Surabhi V.S	I DC Chemistry



Collaborative programme report with Kerala Agronomy Research Station, Chalakudy

2019-20

Our collaboration continues successfully with Kerala Agronomy Research Station (ARS) Chalakudy, which comes under Kerala Agricultural University and the lead functions are water management for rice and rice-based cropping system and other annual crops. The department collaborated with them to organize seminars and observe International Soil Day, etc. in order to create a new academic as well as practical and analytical thinking among students. In this year the World Soil Day was observed on 5th December, 2019. The programme was organized at Seminar Hall, ARS, Chalakudy at 2 pm. Dr. Mini Abraham, HoD, ARS, Chalakudy was delivered a welcome speech and introduced about the programme. Dr. Santhosh Paul, Assistant professor, Department of Chemistry facilitated the gathering. Dr. Bhindu P S, Assistant Professor, ARS Chalakudy was the resource person of the programme. We have created a very good rapport with them by collaborating programmes consistently every year.

New batch of our students are experiencing the soil awareness classes and instrumental analysis available in the Agronomy Station. Various programmes such as quiz, seminar, etc.

were conducted to encourage and widen the knowledge horizon of the students. The soil testing demonstration classes gives very good understanding about the nature of different soil and the importance of testing the soil before cultivating vegetables, fruits plants and any other type of crops. It imparts practical knowledge about the importance of different nutrients essential for plants and crops.

One of the important point to be mentioned here is our sincere efforts in collaborating with Kerala Agronomy Research Station opens up the job opportunities for our students too. One of our students, Ms. Anumol Andrews was working as a soil analyst at Agronomy Research Station, Chalakudy.

Coordinators of the programme:

- 1) Dr. Laina A L, Assistant Professor, Department of Chemistry, Sacred Heart College, Chalakudy
- 2) Dr. Mini Abraham, Associate Professor, Kerala Agronomy Research Station, Chalakudy

Brochure of the programme

**KERALA AGRICULTURAL UNIVERSITY
AGRONOMIC RESEARCH STATION
CHALAKUDY**



Thursday, 5 December 2019



STOP SOIL EROSION

Photo of the programme



World Soil Day (5th December, 2019)
Agronomy Research Station, Chalakudy
Seminar Session



Student Volunteers:

1. Athira T N
2. Jyothilakshmi D A
3. Soniya Paulson
4. Merin Elizabeth
5. Anjana A S

List of student participants

Sl.No.	Name	Class
1.	Aiswarya A S	I DC Chemistry
2.	Anakha A S	I DC Chemistry
3.	Anija K G	I DC Chemistry
4.	Anjana A S	I DC Chemistry
5.	Ansa Joji	I DC Chemistry
6.	Aparna T N	I DC Chemistry
7.	Athira T N	I DC Chemistry
8.	Darena Davis	I DC Chemistry
9.	Delna Thomas	I DC Chemistry

10.	Devika Chandran	I DC Chemistry
11.	Jyothilakshmi D A	I DC Chemistry
12.	Krishnapriya P V	I DC Chemistry
13.	Riya Royis	I DC Chemistry
14.	Rosmy Roy	I DC Chemistry
15.	Soniya Paulson	I DC Chemistry
16.	Anna Joseph	I DC Chemistry
17.	Anuja P A	I DC Chemistry
18.	Mariya Jose	I DC Chemistry
19.	Merin Elizabeth	I DC Chemistry

Collaborative programme report with Kerala Agronomy Research Station, Chalakudy

2020-21

Our collaboration continues successfully with the Kerala Agronomy Research Station even in the pandemic COVID-19 situation. In this particular situation, the classes for the students were arranged in the online mode and so we have organized a webinar on 5th December, 2020 at 3 pm. with the Agronomy Research Station (ARS) Chalakudy and it was very effective for the students. The programme was organized at Seminar Hall, ARS, Chalakudy. Dr. Santhosh Paul, Assistant Professor, Department of Chemistry, Sacred Heart College, Chalakudy delivered a welcome speech. Dr. Mini Abraham, HoD, ARS Chalakudy introduced the programme to the participants. Dr. Bhindu P S, Assistant professor, Kerala Agronomy Research Station was the resource person. The programme has created an awareness among students about another world called 'a world of soil and agriculture' beyond their chemistry curricula. Our Collaboration with ARS, even in the pandemic time, created a good impression among both institutions. Likewise, we have created a very good rapport with them by collaborating on programmes consistently every year.

New batch of our students experienced the soil awareness class online this year. It is encouraging and very useful to widen the knowledge horizon of the students. Classes on soils and testing gives very good understanding about the nature of different soil and the importance of testing the soil before cultivating vegetables, fruits, plants and any other type of crops. It imparts practical knowledge about the importance of different nutrients essential for plants and crops.

One of the important point to be mentioned here is our sincere efforts in collaborating with Kerala Agronomy Research Station opens up the job opportunities for our students too. One of our students, Ms. Anumol Andrews was working as a soil analyst at Agronomy Research Station, Chalakudy.

Coordinators of the programme:

- 1) Dr. Laina A L, Assistant Professor, Department of Chemistry, Sacred Heart College, Chalakudy
- 2) Dr. Mini Abraham, Associate Professor, Kerala Agronomy Research Station, Chalakudy

Brochure of the programme

KERALA AGRICULTURAL UNIVERSITY
AGRONOMIC RESEARCH STATION
CHALAKUDY

WEBINAR

TOPIC - Keep soil alive, protect soil biodiversity
Google meet:meet.google.com/mto-zmse-qth

World Soil Day
5 DECEMBER 2020

ON DEC 5
2020
3 PM

Student Volunteers:

1. Shahanaz Fathima M.M
2. Aleena Joshy
3. Sneha Shaju
4. Aleena Joy

List of Student Participants

Sl.No.	Name	Class
1.	Akhila A B	I DC Chemistry
2.	Biji V I	I DC Chemistry
3.	Manjima Sanil	I DC Chemistry
4.	Uthara T B	I DC Chemistry
5.	Shahanaz Fathima M.M	I DC Chemistry
6.	Aleena Joshy	I DC Chemistry
7.	Megha P.P.	I DC Chemistry
8.	Amrutha. T. K	I DC Chemistry
9.	Krishnapriya C.G	I DC Chemistry
10.	Aiswarya. P. R	I DC Chemistry
11.	Jaishna E.M	I DC Chemistry
12.	Sneha Shaju	I DC Chemistry
13.	Anagha Sunil	I DC Chemistry

14.	Jewel Johny	I DC Chemistry
15.	Ahalya.V.L	I DC Chemistry
16.	Hiba U	I DC Chemistry
17.	Jyothilakshmi.A.S	I DC Chemistry
18.	Aleena Joy	I DC Chemistry
19.	Sreelakshmi E K	I DC Chemistry
20.	Pavithra R Menon	I DC Chemistry
21.	Sandra M.A.	I DC Chemistry
22.	Aswathy Pradeep	I DC Chemistry
23.	Angel Feba	I DC Chemistry
24.	Anupama K.B.	I DC Chemistry
25.	Aiswarya Krishnan L.R.	I DC Chemistry

Collaborative programme report with Kerala Agronomy Research Station, Chalakudy

June, 2021-December 2022

Our collaboration continues successfully with Kerala Agronomy Research Center Chalakudy, which comes under Kerala Agricultural University and the lead functions are water management for rice and rice-based cropping system and other annual crops. The department collaborated with them to organize seminars and observe International Soil Day, etc. in order to create a new academic as well as practical and analytical thinking among students. In this year World Soil Day was observed on 5th December, 2021. The programme was organized at Seminar Hall, ARS, Chalakudy at 2 pm. Dr. Mini Abraham, HoD, ARS, Chalakudy has delivered welcome speech and introduced about the programme. Ms. Heena Peethambaran, Assistant professor on contract felicitated the gathering. Mr. Ajith C B, Assistant Professor, ARS Chalakudy was the resource person. We have created a very good rapport with them by collaborating programmes consistently every year.

New batch of our students are experiencing the soil awareness classes and instrumental analysis available in the Agronomy Station. Various programmes such as quiz, seminar, etc. were conducted to encourage and widen the knowledge horizon of the students. Dr. Mini Abraham, HoD, ARS Chalakudy was distributed the prizes to the winners. The soil testing demonstration classes gives very good understanding about the nature of different soil and the importance of testing the soil before cultivating vegetables, fruits plants and any other type of crops. It imparts practical knowledge about the importance of different nutrients essential for plants and crops.

One of the important point to be mentioned here is our sincere efforts in collaborating with Kerala Agronomy Research Station opens up the job opportunities for our students too. One of our students, Ms. Sandra K C is working as a soil analyst on contract basis at Agronomy Research Station, Chalakudy.

Coordinators of the programme:

- 1) Dr. Laina A L, Assistant Professor, Department of Chemistry, Sacred Heart College, Chalakudy
- 2) Dr. Mini Abraham, Associate Professor, Kerala Agronomy Research Station, Chalakudy

Programme brochure

**KERALA AGRICULTURAL UNIVERSITY
AGRONOMIC RESEARCH STATION
CHALAKUDY**



World Soil Day

Halt Soil Salinization, Boost Soil Productivity





Photos of the programme



World Soil Day (5th December, 2021)
Agronomy Research Station, Chalakudy
Seminar session



World Soil Day (5th December, 2021)
Agronomy Research Station, Chalakudy
Prize distribution

Student Volunteers:

1. Avanya A
2. Suvarna K S
3. Efriya P J
4. Nivedhitha P Subhash



List of Student participants

No	Name	Course
1	Abhirami K S	I B Sc. Chemistry
2	Avanya A	I B Sc. Chemistry
3	Hridaya Subash	I B Sc. Chemistry
4	Isha P Sunilkumar	I B Sc. Chemistry
5	Sreenandhana A S	I B Sc. Chemistry
6	Suvarna K S	I B Sc. Chemistry
7	Aleena Wilson	I B Sc. Chemistry

8	Anagha Sunil	I B Sc. Chemistry
9	Aswani Jibi	I B Sc. Chemistry
10	Bhavana K	I B Sc. Chemistry
11	Deepthi K	I B Sc. Chemistry
12	Efriya P J	I B Sc. Chemistry
13	Emil Maria	I B Sc. Chemistry
14	Jesna Jofy	I B Sc. Chemistry
15	Nivedhitha P Subhash	I B Sc. Chemistry
16	Souparnika T J	I B Sc. Chemistry

