

St. Ann's College for Women

(Autonomous), Affiliated to Osmania University
Accredited by NAAC with A⁺ Grade (3rd cycle), CPE by UGC
Mehdipatnam, Hyderabad.



CRITERION – III RESEARCH, INNOVATIONS AND EXTENSION

3.7.1 Collaboration

**Collaborative activities for research programme
development and faculty exchange (2018-19)**



LIST OF COLLABORATIVE ACTIVITIES DONE

Research Development

2018-19

Title of the Collaborative activity	Name of the collaborating agency
Inter College Workshop on Plant Tissue Culture Techniques	Atlantis phytotech/ Green Vitro
Observational case studies to diagnose the genetic syndromes and diseases	Institute of Genetics and Hospital for Genetic Diseases
3 Day Student Workshop On Internet of Things (IoT)	Open Hardware Days
A two-day National workshop and competition series-Isolation of Plasmid DNA and Gel Electrophoresis	IIT Kharagpur, Dr. Prashantha C.N., from Bangalore was the resource person
Practical Training Program on Diagnosis and Management of Genetic Diseases	Institute of Genetics and Hospital for Genetic Diseases
Research project In Bioinformatics	Dr. Zahurulla, Associate Professor, Organisation : Department of Biotechnology (NBA Accredited) Joginpally, B R Engineering College, Hyderabad.
Advanced Tools Of Bioinformatics-Training Program	Dr. Zahurulla, Associate Professor, Organisation : Department of Biotechnology (NBA Accredited) Joginpally, B R Engineering College, Hyderabad.

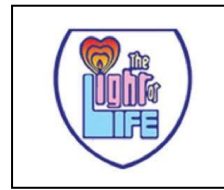


Dr. Sr. P. Amrutha

Dr. Sr. P. Amrutha

Principal

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 Mehdiapatnam, Hyderabad-28



Report on Internship with Institute of Genetics and Hospital for Genetic Diseases

Collaboration with Institute of Genetics and Hospital for Genetic Diseases

Start - End Date of collaboration : 15th June 2017- 15th July 2018

Duration of collaboration: One year

Date: 15th May -30th May 2018

Activity/event :Internship

Number of beneficiaries: 15

Students were provided observational case studies ,where they learnt about clinical symptoms to diagnose the genetic syndromes and diseases

In addition hands on training was provided on different technical aspects in Clinical cytogenetics ,Molecular Biology, Clinical Biochemistry ,New born screening and Environmental toxicology.

Feed back by students reflected there ability to perform techniques for disease identifications followed by genetic counseling for victims and there relatives.

There performance was also judged through a test for 20 marks conducted jointly by mentors finally evaluated by Director ,who was highly responsible and kind enough to share the result analysis, where all of them score above 60 percent.

S . N o.	Name of the student	Hall Ticket No.	Title	Duration	Upload scanned Certificate 2018-19
1	R.VAISHNAVI	1204174590 05	Clinical cytogenetics	15days	https://drive.google.com/file/d/1Ubb7RDvC3JxpyIM88on6ROtilzYrkKLd/view?usp=share_link
2	A.SAI SAGARIKA	1204174590 07	Clinical cytogenetics	15days	https://drive.google.com/file/d/1Ubb7RDvC3JxpyIM88on6ROtilzYrkKLd/view?usp=share_link
3	R.SANGEETHA	1204174590 10	Clinical cytogenetics	15days	https://drive.google.com/file/d/1Ubb7RDvC3JxpyIM88on6ROtilzYrkKLd/view



					?usp=share_link
4	M.BHAVANA	1204174590 11	Clinical cytogenetics	15days	https://drive.google.com/file/d/1Ubb7RDvC3JxpyIM88on6ROtilzYrkKLd/view?usp=share_link
5	SAI ABHINAYA	1204174590 30	Clinical cytogenetics	15days	https://drive.google.com/file/d/1Ubb7RDvC3JxpyIM88on6ROtilzYrkKLd/view?usp=share_link
6	TABBASUM KHAN	1204174780 21	Clinical cytogenetics	15days	https://drive.google.com/file/d/1Ubb7RDvC3JxpyIM88on6ROtilzYrkKLd/view?usp=share_link
7	SAYEDA HUMERA SULTANA	1204174780 22	Clinical cytogenetics	15days	https://drive.google.com/file/d/1Ubb7RDvC3JxpyIM88on6ROtilzYrkKLd/view?usp=share_link
8	LUBNA QUADRI	1204174780 26	Clinical cytogenetics	15days	https://drive.google.com/file/d/1Ubb7RDvC3JxpyIM88on6ROtilzYrkKLd/view?usp=share_link
9	ANUM RAHMAN	1204174780 28	Clinical cytogenetics	15days	https://drive.google.com/file/d/1Ubb7RDvC3JxpyIM88on6ROtilzYrkKLd/view?usp=share_link
10	L.RACHANA	1204174780 29	Clinical cytogenetics	15days	https://drive.google.com/file/d/1Ubb7RDvC3JxpyIM88on6ROtilzYrkKLd/view?usp=share_link
11	L.RACHANA	1204174780 30	Clinical cytogenetics	15days	https://drive.google.com/file/d/1Ubb7RDvC3JxpyIM88on6ROtilzYrkKLd/view?usp=share_link
12	SHERYL BASTIAN	1204174590 15	Clinical cytogenetics	15days	https://drive.google.com/file/d/1Ubb7RDvC3JxpyIM88on6ROtilzYrkKLd/view?usp=share_link
13	RAMYA MUPPALA	1204174590 03	Clinical cytogenetics	15days	https://drive.google.com/file/d/1Ubb7RDvC3JxpyIM88on6ROtilzYrkKLd/view?usp=share_link

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14	LAMIAH KAREEM	1204174590 24	Clinical cytogenetics	15 days	https://drive.google.com/file/d/1Ubb7RDvC3JxpyIM88on6ROtilzYrkKLd/view?usp=share_link
15	MARIAM AHMED	120417459 026	Clinical cytogenetics	15 days	https://drive.google.com/file/d/1Ubb7RDvC3JxpyIM88on6ROtilzYrkKLd/view?usp=share_link

Report of “Workshop on Plant Tissue Culture Techniques” in Collaboration with Atlantis Phytotech

MOU with Atlantis Phytotech

Date: 30th Nov, 2018 & 1st DEC, 2018.

Event: Workshop on Plant Tissue Culture Techniques Activity: Two-day Inter-College

Workshop Resource Person: Mr. Arun Kumar. K.

No. of Beneficiaries: 32 Students



2018



Workshop – Report
“Plant Tissue Culture Techniques”
Date: 30th Nov. & 1st Dec.2018

The Department of Botany, St. Ann's College for Women organized a two day Inter-College Workshop on “Plant Tissue Culture Techniques” for Students on the 30th Nov. & 1st Dec.2018. The workshop was carried out in collaboration with “ Atlantis Phytotech”, Jeedimetla, a research organization for raising plants through tissue culture. The resource person was Mr.Arun Kumar.K. The workshop schedule was planned for two days with two sessions on each day. The programme schedule is as follows:

DATE	SESSION – I	SESSION - II
30 th Nov	Introduction & basic techniques – a presentation	Types of media, media preparation & sterilization
1 st Dec	Selection of explants, surface sterilization, inoculation of explants.	Maintenance of cultures

32 students participated in the workshop. The programme schedule was strictly followed and participation certificates were given to the students on conclusion of the workshop.

Students gave their feedback and they were satisfied with the content of the workshop, interaction with the resource person, arrangements & hospitality.



Report on National Workshop with IIT Kharagpur

Date :10-01-2019 and 11-01-2019

Organised by: Departments of Biochemistry and Microbiology

Collaboration: IIT Kharagpur

Resource person: Dr.Prashantha

Molecular Biology teaching and lab skills have become a prominent and essential fixture in the training of undergraduate students for careers related to life sciences like Microbiology, Biochemistry, Genetics and Immunology.

This workshop enabled the participants to acquire basic molecular techniques required for success in scientific research. Participants experienced a hands-on training on genomic DNA extraction, plasmid DNA extraction, restriction digestion and electrophoresis techniques.

The E Cell IIT, Kharagpur promised internship assistance in life sciences to 5 best performers, which will help the students to gain clarity on various opportunities available on the road ahead. Out of 5 selected candidates, 4 being students of St. Ann's college added to the flavor of the workshop.

makeintern.com E-Cell IIT Kharagpur

National level competition for Bio-Science Students

Association with ECell Fest (IIT Kharagpur Event)

ST. ANN'S COLLEGE FOR WOMEN

Workshop Detail

Topic : Isolation of Plasmid DNA and Gel Electrophoresis
Date : 10th - 11th January 2019
Registration Fee - Rs 1150/-

Highlights

1. Industry Experts as Trainers.
2. All Participants will receive Prize and Certificate in each round
3. Competition to be conducted at the end of the workshop on the second day to select top 5 students.
4. Five selected students would be participating in finale round at IIT Campus.
5. Internship assistance for all participants.

Round of Selection

1st Round:
ST. ANN'S COLLEGE FOR WOMEN, Mehdiapatnam (Hyderabad)

2nd Round:
IIT Kharagpur

Venue : ST. ANN'S COLLEGE FOR WOMEN, Mehdiapatnam (Hyderabad)

Co-ordinators :
Mrs. CH.Jyothi (9989302439)- Head, Department of Microbiology
Mrs. A. M. Sylaja (9849174742)- Head, Department of Biochemistry

www.makeintern.com sonu@makeintern.com +91 9212615394

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List OF participants

S.No	Name of the student	Class/Year
1.	Bhargavi.T	BBC III
2.	Sravanthi.S	BBC III
3.	Ravali.A	BBC III
4.	Prathyusha.D	BBC III
5.	V.P.Nidhi	BBC III
6.	Bhanu Varshini	BBC III
7.	Akhthar Ameena Hyder	BBC III
8.	Devi Prasanna.G	BBC III
9.	Shivani. Y	BBC III
10.	K.Prathyusha	BBC III
11.	Sadia Afreen	BBC I
12.	Smrithi Pai	BBC I
13.	Deepthi.K	GCZ II
14.	Anandavalli .N	GCZ II
15.	Ruqaiya Tasneem	MCZ I
16.	Faiza Fatima	MCZ I
17.	K.S.N.Nikhita	GCM I
18.	R.Sudeeksha	GCM I
19.	Hafeeza Mumtaz	GCM I
20.	Nadia Naseer	GCM I
21.	D.Gouthami	MCB I
22.	Zunera Taher	MCZ I
23.	Rajeshwari Maha kuda	MCB I
24.	Dussa Poojitha	GCM I
25.	M.Shailaja	GCM I
26.	M.Ramya	GCM I
27.	Ramya .M	GCM II
28.	Sheryl Bastian	GCM II
29.	Lamiah Kareem	GCM II
30.	Mariam Ahmed	GCM II
31.	Syeda Madiha Fatima	GCM II
32.	Lalitha Veleti	GCM III



**Summer Internship at Institute Of Genetics and Hospital For Genetic Dieases
1stMay to 15 thMay2018**

Department of Biochemistry:15 Days Internship at Institute of Genetics Begumpet

Project Title: Practical Training Program on Diagnosis and Management of Genetic Diseases

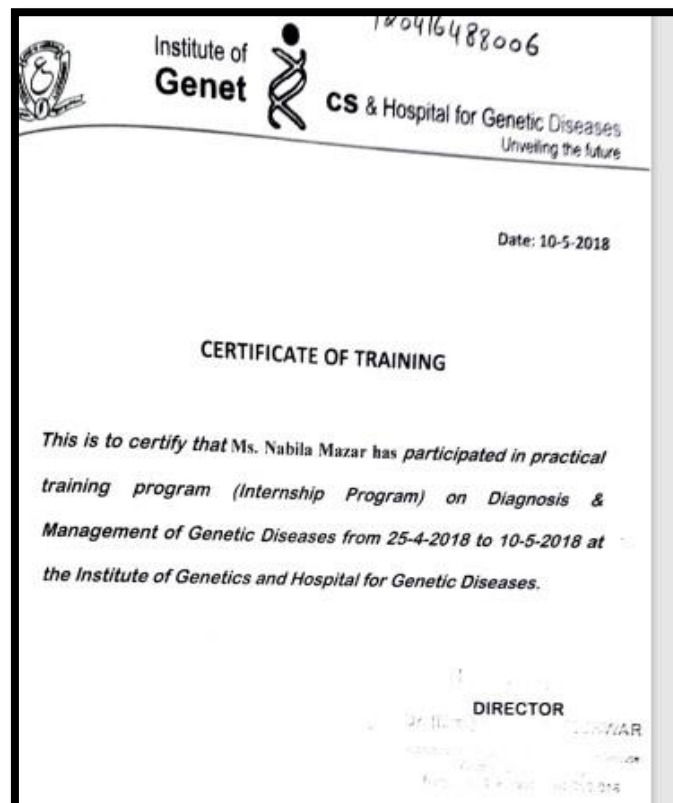
No OF Students completed Internship :8

Duration: **1stMay to 15 thMay2018**

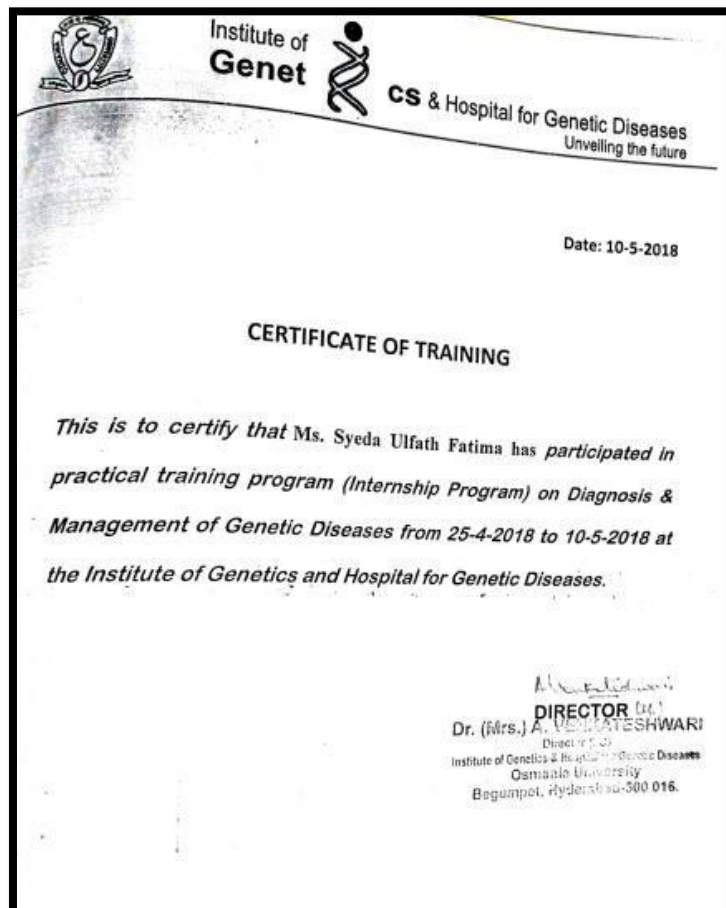
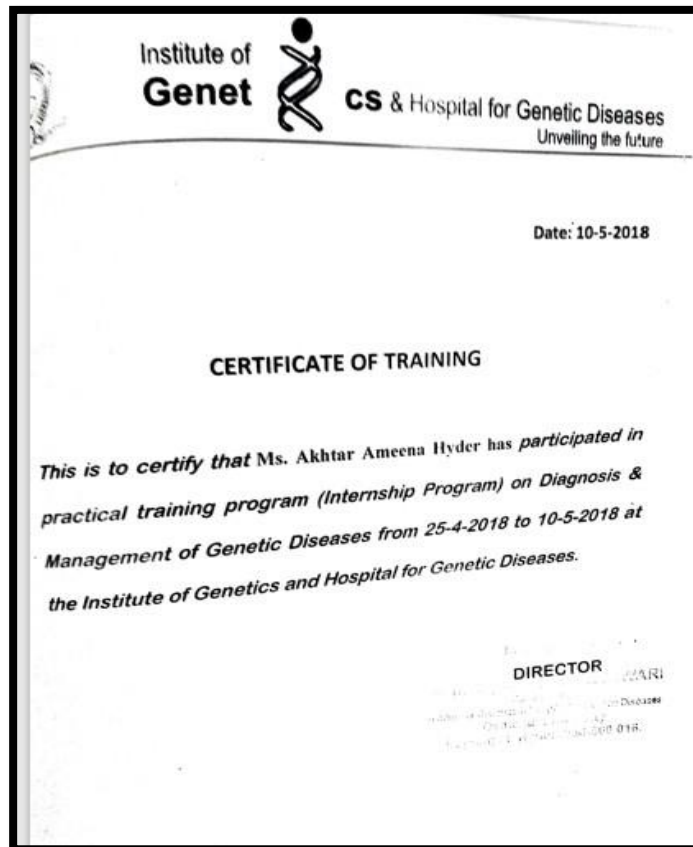
List Of BBC III Students :-

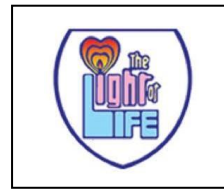
S.No	Roll Number	Name Of Student	Class
1	1204-16-488-001	Ulfath Fatima Sayeeda	III BBC
2	1204-16-488-005	AkhtarAmeenaHyder	III BBC
3	1204-16-488-006	Nabila Mazhar	III BBC
4	1204-16-488-007	RaziaShaikh	III BBC
5	1204-16-488-013	BhanuVarshini	III BBC
6	1204-16-488-016	Ravali	III BBC
7	1204-16-488-020	SajidaSiddiqui	III BBC
8	1204-16-488-028	V.P. Nidhi	III BBC

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Training in Advanced tools of Bioinformatics

Date: Aug 15 TO Aug 30h,2018

Organised by: Department of Biochemistry

Collaboration: Dr.Zahurullah Associate Professor, Organisation: Department of Biotechnology (NBA Accredited) Joginpally, BR Engineering College, Hyderabad.

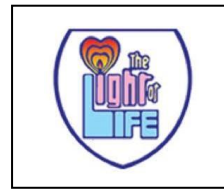
8 students of Final Year Biochemistry completed a Training session in Bioinformatics" for a duration of 15 Days from Aug 15 TO Aug 30h,2018 in our college campus under the guidance of Dr. Zahurullah, Associate Professor, Organisation: Department of Biotechnology (NBA Accredited) Joginpally, BR Engineering College, Hyderabad.

Year 2018-19

List Of Students :-

Training Programme in Bioinformatics			
S.No	Roll Number	Name Of Student	Class
1	1204-16-488-005	AkhtarAmeenaHyder	III BBC
2	1204-16-488-006	Nabila Mazhar	III BBC
3	1204-16-488-007	RaziaShaikh	III BBC
4	1204-16-488011	Sudhasree	III BBC
5	1204-16-488012	Devi Prasanna	III BBC
6	1204-16-488019	D.Prathyusha	III BBC
7	1204-16-488024	Uma	III BBC
8	1204-16-488022	K.Prathyusha	III BBC

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Research Project -Bioinformatics

Date: Aug 15 to Aug 30,2018

Organised by: Department of Biochemistry

Collaboration: Dr. Zahurullah Associate Professor, Organisation: Department of Biotechnology (NBA Accredited) Joginpally, BR Engineering College, Hyderabad.

Six students of Final Year Biochemistry completed a Research project In Bioinformatics for a duration of 15 Days From Aug 15th to Aug 30th ,2018 in our college campus under the guidance of Dr. Zahurullah, Associate Professor ,Organisation : Department of Biotechnology (NBA Accredited) Joginpally, B R Engineering College, Hyderabad.


Systems with Internet connection were used from ICT centre of our college

Year 2018-19

List Of Students :-

Student Research Project In Bioinformatics		
1204-16-488002	Mamatha	III BBC
1204-16-488008	Haritha	III BBC
1204-16-488011	Madhavi	III BBC
1204-16-488014	Shreya	III BBC
1204-16-488-013	BhanuVarshini	III BBC
1204-16-488-028	V.P. Nidhi	III BBC




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