

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 (2021-22)**



St. Ann's College for Women
(Autonomous), Affiliated to Osmania University
Accredited 'A+' Grade by NAAC (3rd Cycle)
College with Potential for Excellence by UGC
ISO 9001: 2015-ISO 14001: 2015
Hyderabad- 500028, Telangana, India

3.7.1 Number of Collaborative activities for research programme development and faculty exchange

2021-22

Sl.No	Title of the Collaborative Activity	Name of the collaborating agency with contact details
1.	Two Day Online Workshop on Bioinformatics Tools and Techniques	Bio Axis DNA Research Center Pvt.Ltd ,Hyderabad G. Jyothsna Sr. Research Associate BioAxis DNA Research Centre Private Limited Contact:9246338983
2.	Online workshop on laboratory experiments	Virtual Labs ,IIT Hyderabad Dr.Venkatesh Chopella,Principal Investigator Virtual Lab Projects
3.	Tally Training Program	Cyberaegis Tally Institute of Learning (TIL) IT Solutions Pvt. Ltd.
4.	Student Internship	Eduvitz Technologies,Hyderabad Mr.Syed Ismail,Director
5.	Student Internships in Clinical Genetics and Cytogenetics	Institute of Genetics and Hospital for Genetics Diseases,Begumpet, Hyderabad Dr.B.Vijaya Laxmi ,Director Contact:8331997339
6.	Student Internships	Niltech Pvt Ltd,HyderabadT-Hub Phase 2.0, Inorbit Mall Road, Madhapur, Hyderabad, Telanagana Pincode: 500081 Contact:+91-9542918583

7.	Two day Workshop on Biomolecular Techniques	Ruha Life Sciences,Hyderabad Resource persons: 1. Dr. Phazna Devi 2. Dr. Aravind Setti
8.	Student Internships and Training	Synergy India Foundation, DSS Bhavan,Masab tank ,Hyderabad Contact:9705497055
9.	Two Day Hands on Training on Molecular Techniques	Variant Genetics Solutions,School of Life Sciences,University of Hyderabad,Telangana Dr.Vanaja .Director ,Contact- +919966902487
10.	ECHO Project 2022-Designing Eco Banners	World Wide Fund for Nature (WWF),India Dr.Farida Tampal ,State Director,Hyderabad Office



Dr. Sr. P. Amrutha

Dr. Sr. P. Amrutha

Principal

**St. Ann's College For Women
(Autonomous)
Mehdiapatnam, Hyderabad-28**

REPORTS OF COLLABORATIVE ACTIVITIES

1. Two Day Online Workshop on Bioinformatics Tools and Techniques

Date: 11th —12th November 2021

Event: A 2-day online workshop on Bioinformatics tools and techniques

Activity: Workshop

Resource Person 1.: Dr. Mohan Reddy K
Research Scientist
Dr. Remedies Lab Pvt. Ltd. Hyderabad.

Resource Person 2.: Dr.JyothsnaG
Sr. Research Associate
Bioaxis DNA Research Centre Pvt. Ltd.

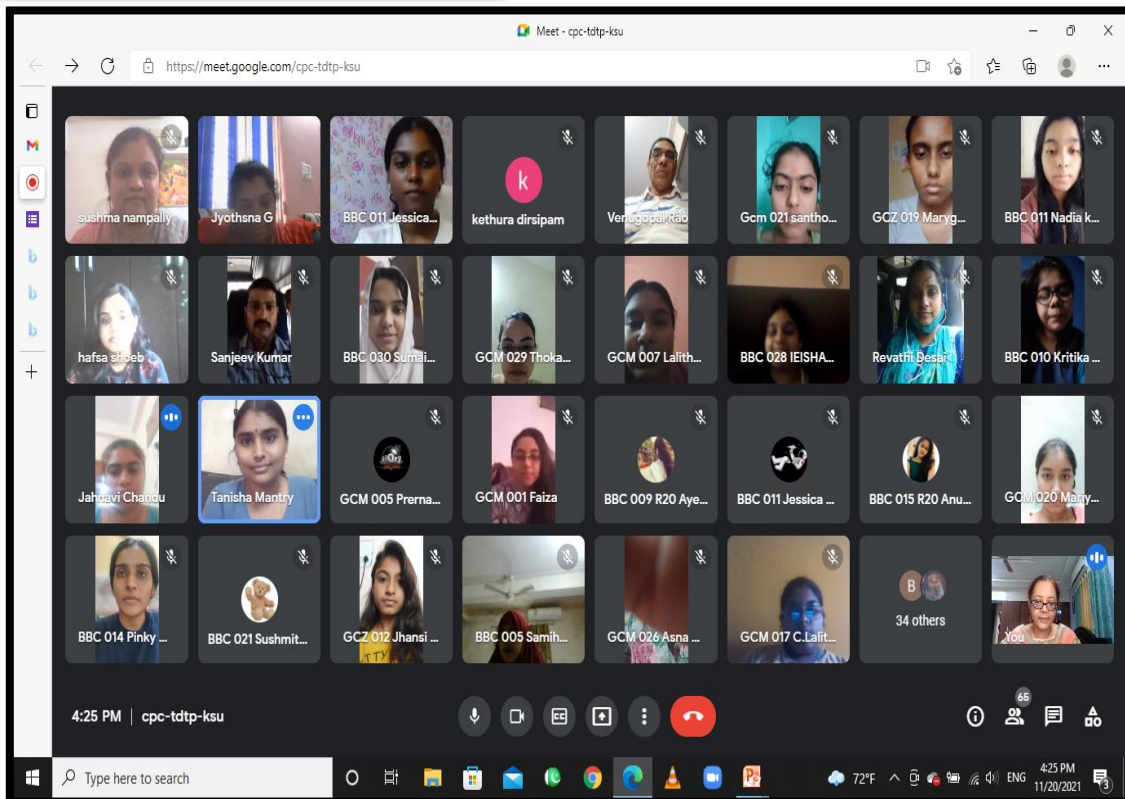
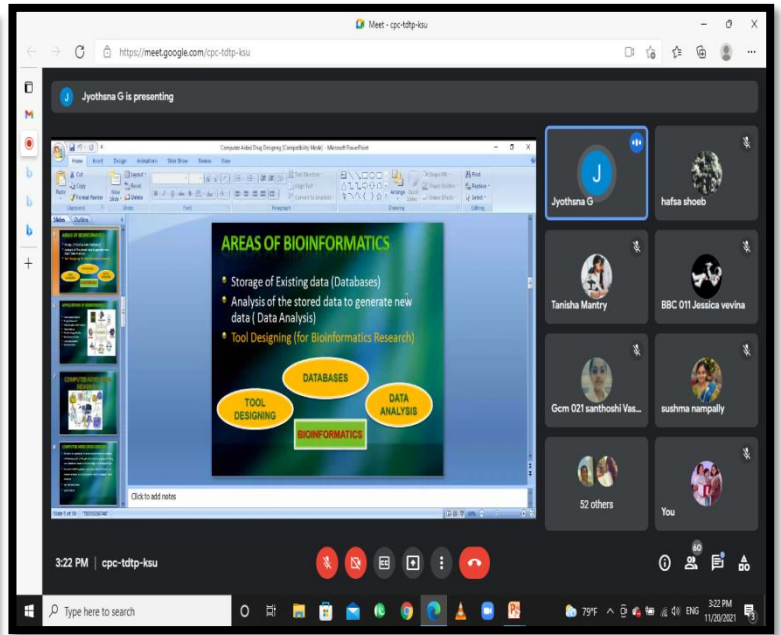
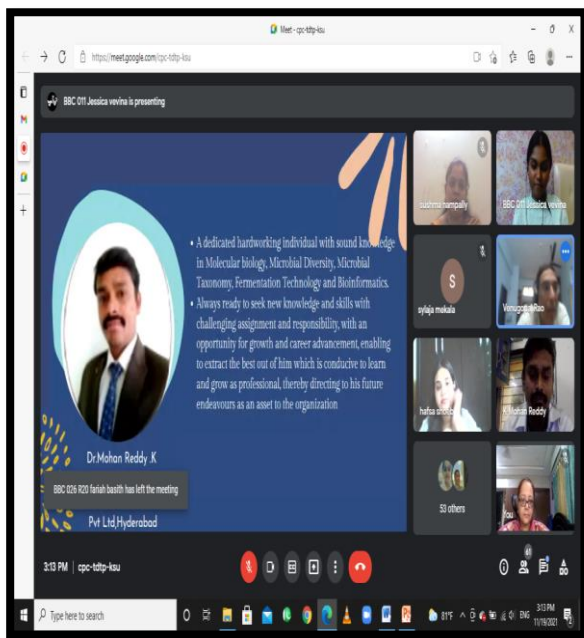
Venue: Online

Target group: BBC combination students of I, II and III yr

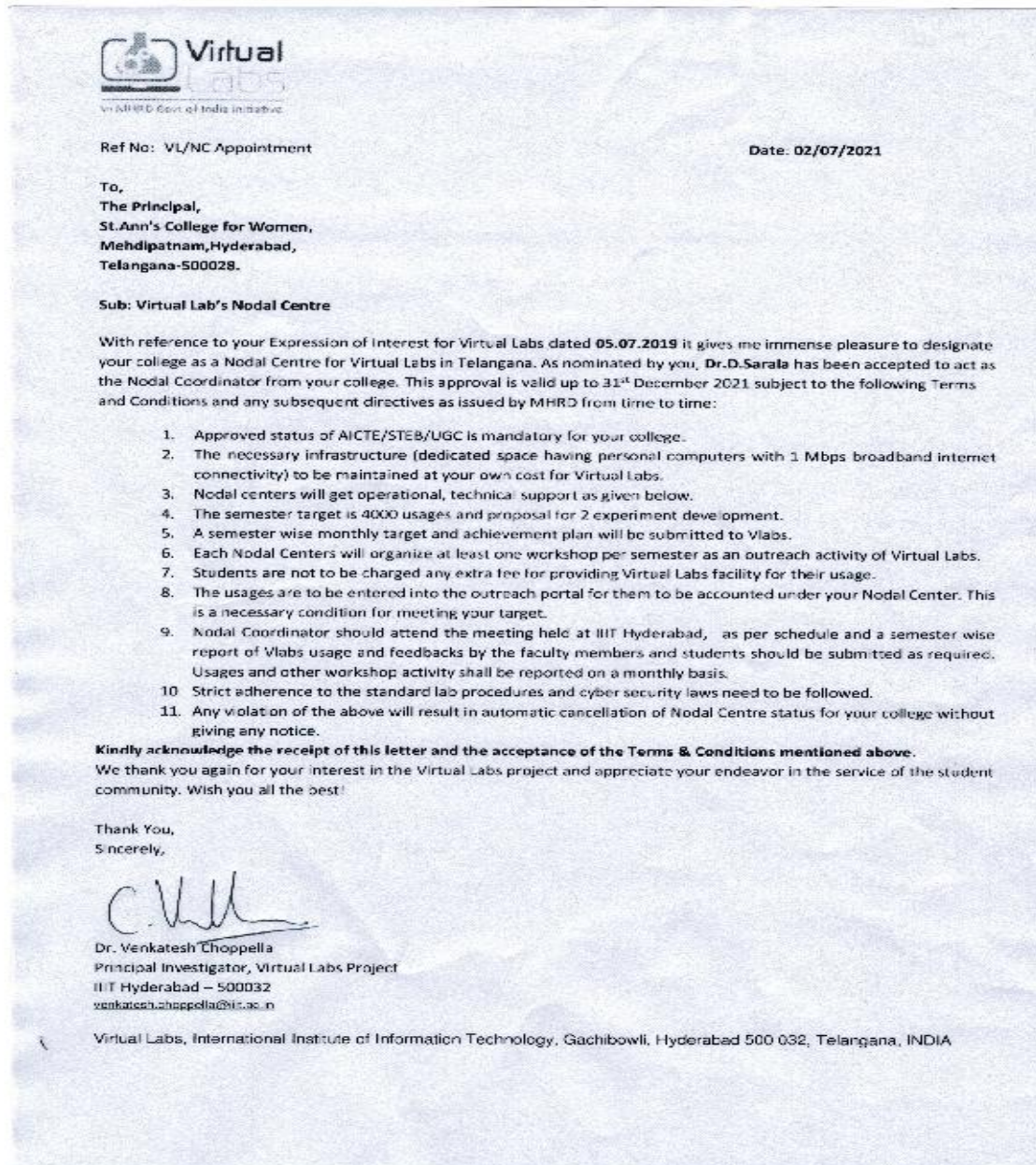
Departments involved: Biochemistry, Biotechnology and Genetics.



To develop algorithms or models in order to understand biological systems and relationships. Until recently, biologists did not have access to very large amounts of data. This data has now become commonplace, particularly in molecular biology and genomics. Researchers were able to develop analytical methods for interpreting biological information, but were unable to share them quickly among colleagues. He used bioinformatics tools/software which helped the students understand the concept in a clear and easy way. His explanation was exceptionally clear and thorough. In the end the students engaged in an interactive session discussing the various career opportunities available for science graduates.



2. Online workshop on laboratory experiments



Website : www.stannscollegehyd.com
E mail : stann_college@yahoo.co.in

Phone : 040-23513020



ST. ANN'S COLLEGE FOR WOMEN

(Autonomous)

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Santoshnagar colony, Mehdiapatnam, Hyderabad - 500 028.

To
The Program Manager,
Virtual Labs , IIT Hyderabad

Sir/Madam,

Sub: Virtual Lab workshops conducted in our college.

This is to inform you that the institution has conducted laboratory experiments using virtual labs during the period from May 2021 to May 2022. The experiments and the laboratory experiments were extremely useful and user friendly especially during the online methodology adopted. The labs have given an overview of the experiments and enhanced the comprehensive understanding of the experiments for the learners. The experiments conducted during the physical mode were better understood as the students were exposed to the same during online teaching.

S. No	Dates	Workshops done	Sessions Conducted	Departments/ Labs Covered	Number of Students Participated
1	05/08/2021	4	8	Physics	50
2	12/08/2021	4	8	Physics	50
3	19/08/2021	4	8	Physics	50
4	26/09/2021	4	8	Physics	50
5	02/09/2021	4	8	Physics	50
6	09/09/2021	4	8	Physics	50
7	16/09/2021	4	6	Electronics	50
8	07/10/2021	4	6	Electronics	50
9	14/10/2021	4	6	Electronics	50
10	21/10/2021	4	6	Electronics	50
11	28/10/2021	4	6	Electronics	50
12	04/11/2021	4	6	Electronics	50
13	18/01/2022	4	2	Physics	50
14	19/01/2022	4	2	Electronics	50

S. Sarala.

Sr.Sr.P Amrutha

Sr.Sr.P Amrutha
Principal
St. Ann's College for Women

3. Tally Training Program

Date: 11-04-2022 to 29-04-2022

Event: Tally Training Programme

Resource Person: Mr. Shiva, Trainer (CYBERAEGIS)

Co-ordinator: Mrs. T. Anuradha (HOD)

Venue: Computer Lab

Target Audience: B.Com II- & III-year Students

Lecturer Attended: Mrs. K. Pranathi, Mrs. Meena Shanthi, Mrs. B. Srilatha, Mrs. Sujatha & Mrs. Pratibha

RENEWAL OF MOU

With

CYBERAEGIS

The Department renewed the MoU with Cyberaegis on **11th April, 2022** to continue TALLY certification. The lab shall receive TALLY licensed software, which will be operational for 1 year, worth Rs.64000.

The license can be renewed each year with fresh MoU and student enrolment for TALLY certification level 1, students will take online TALLY exam and will be awarded certificates and will be enrolled with TALLY software India to access LMS & TALLY updates, will also be eligible for tally placements.

52 Students and 4 Faculty are enrolled .for the program

On 11th April 2022, Department of Commerce in collaboration with CYBERAEGIS Institute had started a Training session on Tally course for B. Com Students. The duration of the course were 30 hours. The Resource person explained about accounting with Tally software, Ledgers and vouchers creation, usage of inventory in tally, GST Calculation, Cost and Management reports, preparation of Financial Statements and Bank Reconciliation in Tally. Mock tests were also conducted for the students to get an idea on the paper pattern before the final assessment.



Students undergoing Tally Training

Outcome: The session was Interactive and helpful where in the students learned the importance of the course, as a result 55 students and 5 Faculty registered for 30day course provided by CYBERAEGIS institute for Tally Course.

LIST OF PARTICIPANTS:

Department of Commerce

Tally

List of Students

S.No	Name	Class	Contact No.	
1	Deepika	B.Com III D	9848052678	Deepika
2	Deekshita	B.Com III D	9866938219	Deekshita
3	B. Nikitha	B.Com III D	9063698730	Nikitha
4	K. Yogitha	B.Com II C	9154444507	Yogitha
5	N.Deepika	B.Com II C	9640863205	Deepika
6	G.Shivani Reddy	B.Com II B	9908234244	Shivani
7	Priya Dwivedi	B.Com II C	8919973802	Priya
8	Shruthy Raju	B.Com II B	9985259056	Shruthy
9	Devangi Maheshwari	B.Com II IFA	7993602548	Maheshwari
10	Prekshita Mosali	B.Com II A	9440392564	Prekshita
11	Mahitha Alapati	B.Com II IFA	9949445533	Mahitha
12	Gayatri Pallavi	B.Com III D	8639221830	Gayatri
13	J. Rohini	B.Com III D	9398498200	Rohini
14	G. Shivani	B.Com II H	8897916667	Shivani
15	G. Anusha	B.Com II H	9010615369	Anusha
16	Juveria M. Chesiyen	B.Com II IFA	9704798181	Juveria
17	Rubeena Begum	B.Com II IFA	7995447285	Rubeena
18	Sandhya .U.	B.Com II IFA	8309844481	Sandhya
19	K.S. Preethi	B.Com II IFA	9154186175	Preethi
20	Mahitha	B.Com II IFA	9949445533	Mahitha
21	Meenakshi	B.Com II IFA	799999982	Meenakshi
22	Meher Saleha	B.A. II PEP	9704411546	Meher
23	Faeza Tamkeen .R.	B.A. II HLP	7075775463	Faeza
24	Zehra	B.Com II IFA	6301531932	Zehra
25	Y. Sanjana	B.Com III D	7730097164	Sanjana
26	K. Shoba	B.Com III D	8309884714	K. Shoba
27	T.Vaishnavi	B.Com III A	9100728538	T. Vaishnavi
28	CH. Swapna	B.Com III A	9959103495	Swapna
29	A. Devi Priya	B.Com III A	7893908754	Devi

4. Student Internships

MOU with Eduvitz Technologies

Date: 3rd March 2021 to 10th June 2021

Event: Internship in Eduvitz

No. of Beneficiaries: 3 Students



Eduvitz Technologies

301, The Gateway, Road 57, Ayyappa society, Madhapur, Hyderabad-500081. T.S
Phone: 82977 38738, 77027 09633, E-mail: info@eduvitz.com
URL: www.eduvitz.com, www.eduvitz.co.in

To,
The Principal
St, Ann's College for Women
Hyderabad.

Date: 15th June, 2021

Sub: Successful completion of Internship in Eduvitz

Dear Madame,

We hereby declare and happy to announce that 3 students of MCA III year V semester from Department of MCA, St. Ann's College for Women have successfully completed the Internships scheduled from 3rd March 2021 to 10th June 2021.

The performance & enthusiasm of all your students towards the project is commendable.

We look forward to have more communication and internship with your esteemed organisation.

Sincerely,



Syed Ismail

Director,
Eduvitz Technologies

List of Students

Sr. No.	Name of Student	Hall Ticket No.	Project Title	Internship Location
1	K Rekha	120418862010	Automatic HR Bot for replacing HR Manual work by using AWS Python and Machine Learning	Eduvitz Technologies, Madhapur
2	K Sandhya	120418862018	Design, development and integration of Virtual reality application with Amazon Lex and Lambda.	Eduvitz Technologies, Madhapur
3	G Pushpalatha	120418862031	AWS Lex, Lambda & Machine Learning (NLP) tools to automate coach experience to users,	Eduvitz Technologies, Madhapur

5. Student Internships in Clinical Genetics and Cytogenetics

MOU with Institute of Genetics and Hospital for Genetics

Date: 16th Nov-2021 to 30th Nov 2021

Event: Internship

No of Beneficiaries: 28 Students

S.No.	NAME OF STUDENT	CLASS	H.T No.
1	RidahNazneen	GCZ	120419478008
2	PitharamRekha Devi	GCZ	120419478007
3	RamavathSahithiRathod	GCZ	120419478018
4	JuveriaNisar	GCZ	120419478029
5	Salma Yousuf Khan	GCZ	120419478003
6	Bibi HafsaJabri	GCZ	120419478014

7	N Jessica Ruth	GCZ	120419478011
8	NabeeraMahekNooruddin	GCZ	120419478009
9	ShriyaUday	GCZ	120419478002
10	G.Srilakshmi	GCZ	120419478030
11	Marri Tulasi Reddy	GCZ	120419478020
12	Zubedanasreen	GCZ	120419478022
13	Rasha Khan	GCZ	120419470821
14	Dubagunta Nikitha	GCM	120419459015
15	S. Kalpana	GCM	120419459006
16	SripathiPoojitha	GCM	120419459016
17	K. Jayasairamya	GCM	120419459014
18	Nidugondi Sai Pramoda	GCM	120419459009
19	Police Shilpa Reddy	GCM	120419459024
20	M. Shivani Chaitanya	GCM	120419459029
21	PalakMegotia	GCM	120419459005
22	Elijala Sai DhanyaPravalika	GCM	120419459008
23	Areeba Ahmad	GCM	120419459022
24	Beula Rani	GCM	120419459021
25	Rupa	GCM	120419459011

26	JadduJyosna	GCM	120419459020
27	M.Navya Reddy	GCM	120419459003
28	ChavaManogna	GCM	120419459001

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

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

Feedback by students reflected their ability to perform techniques for disease identifications followed by genetic counseling for victims and their relatives.

Their performance was also judged through a test 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.



Students at Institute of Genetics

6. Student Internships

MOU with NIITech

Date: June 2021 to April 2022

Event: Internship

No. of Beneficiaries: 19 Students

Target Group: MCA- III Year

Department of MCA organized Internships for MCA – III Year – V Semester students as per the curriculum. All the students (strength: 49) of the class joined for Internships with 7 different companies under various domains of project development, communicated through telephonic conversation. Department got associated with Niltech Pvt. Ltd, Home-AI, Eduvitz Technologies, Clyent Technologies, Persuma Technologies Pvt. Ltd, Innodatatics, Digital Nest companies.

We received a positive feedback from all the companies who finished Internships and few students also received stipend of Rs. 2750/-. All the companies are hereby ready to keep communication and looking forward to have more Internships with the College. Attached a list of students who completed internship in Niltech

Sr. No.	Name of the Student	Hall Ticket No.	Combination	Project Title	Internship /Project details/ Supervisor / Location
1.	Syeda Sana Sultana	120418862002	MCA Final Year/ V Sem	Hand Written Digit Recognition using Machine Learning	Niltech
2.	G.Divya	120418862007	MCA Final Year/ V Sem	Text Classification of Huge Articles Using Machine Learning	Niltech
3.	Sindhuja Samindla	120418862012	MCA Final Year/ V Sem	Book Recommender System for Readers in a University Library	Niltech
4.	B.Priyanka	120418862013	MCA Final Year/ V Sem	Social Network Ads Sales Prediction System Using Deep Learning Techniques	Niltech

5.	Vandana	120418862015	MCA Final Year/ V Sem	Criminal Identification and Alert System using Machine Learning for Women Safety	Niltech
6.	Bushra Tanveer	120418862016	MCA Final Year/ V Sem	Brain Tumor Detection and Classification using Machine Learning	Niltech
7.	B.Ashwini	120418862019	MCA Final Year/ V Sem	Market Basket Analysis Using Apriori and Machine Learning	Niltech
8.	A.Prasanna	120418862024	MCA Final Year/ V Sem	Development and integration of speech recognition tools into software applications	Niltech
9.	A.Aarthi	120418862025	MCA Final Year/ V Sem	Assessment of River Water Quality and Prediction using Machine Learning	Niltech
10.	Sabah Begum	120418862028	MCA Final Year/ V Sem	House Price Prediction Approach based on Deep Learning	Niltech
11.	Ch.Sarika	120418862029	MCA Final Year/ V Sem	Object detection system based on SSD algorithm	Niltech
12.	B.Sowmya	120418862032	MCA Final Year/ V Sem	Detection of Diabetes using Diabetic Retinopathy using Deep Learning	Niltech
13.	P.Navya	120418862034	MCA Final Year/ V Sem	Contactless Fingerprint Recognition based on Machine Learning and Neural network	Niltech
14.	D.Prathyusha	120418862038	MCA Final Year/ V Sem	Voice Gender Recognizer Recognition of Gender from Voice	Niltech

				using Deep Neural Networks	
15.	Durga Radhika	120418862045	MCA Final Year/ V Sem	Vision Based Road Lane Detection for Self Driving Cars	Niltech
16.	P.Nikita	120418862047	MCA Final Year/ V Sem	Product Recommendation Systems with Machine Learning	Niltech
17.	Shaheen	120418862048	MCA Final Year/ V Sem	Emergency Ward Rush Prediction SytemTo Help In Planning And Maintainance For Hospital Using Recurrent Neural Netwrok	Niltech
18.	Roopa Reddy	120418862049	MCA Final Year/ V Sem	Credit Card Fraud Detection using Machine Learning and Deep Learning Techniques	Niltech
19.	K.Sowmya	120418862050	MCA Final Year/ V Sem	Fully Automated Detection and Classification of White Blood Cells	Niltech

7. Workshop on Biomolecular Techniques in Collaboration with Ruha Life Sciences

MOU with Ruha Life Sciences

Date: 14th and 15th March 2022

Event: Workshop on Biomolecular Techniques

Activity: Two-Day Intercollegiate Workshop

Resource Person: 1. Dr. Phazna Devi

2. Dr. Aravind Setti

No. of Beneficiaries:35 Students

Target Group: 3rd Year BZC and RCB Students

The Department of Botany organized a two-day Intercollegiate workshop on Biomolecular techniques in collaboration with Ruha life sciences a research organisation and a diagnostic centre working of Covid 19 detection along with ICMR.

Name of the resource person

1. Dr. Phazna Devi – scientist
2. Dr. Aravind Setti – Scientist

No. Of Days – 2

Date – 14th and 15th March 2022

Time – 9.am. to 3p.m.

Target group – III-year BZC and RCB

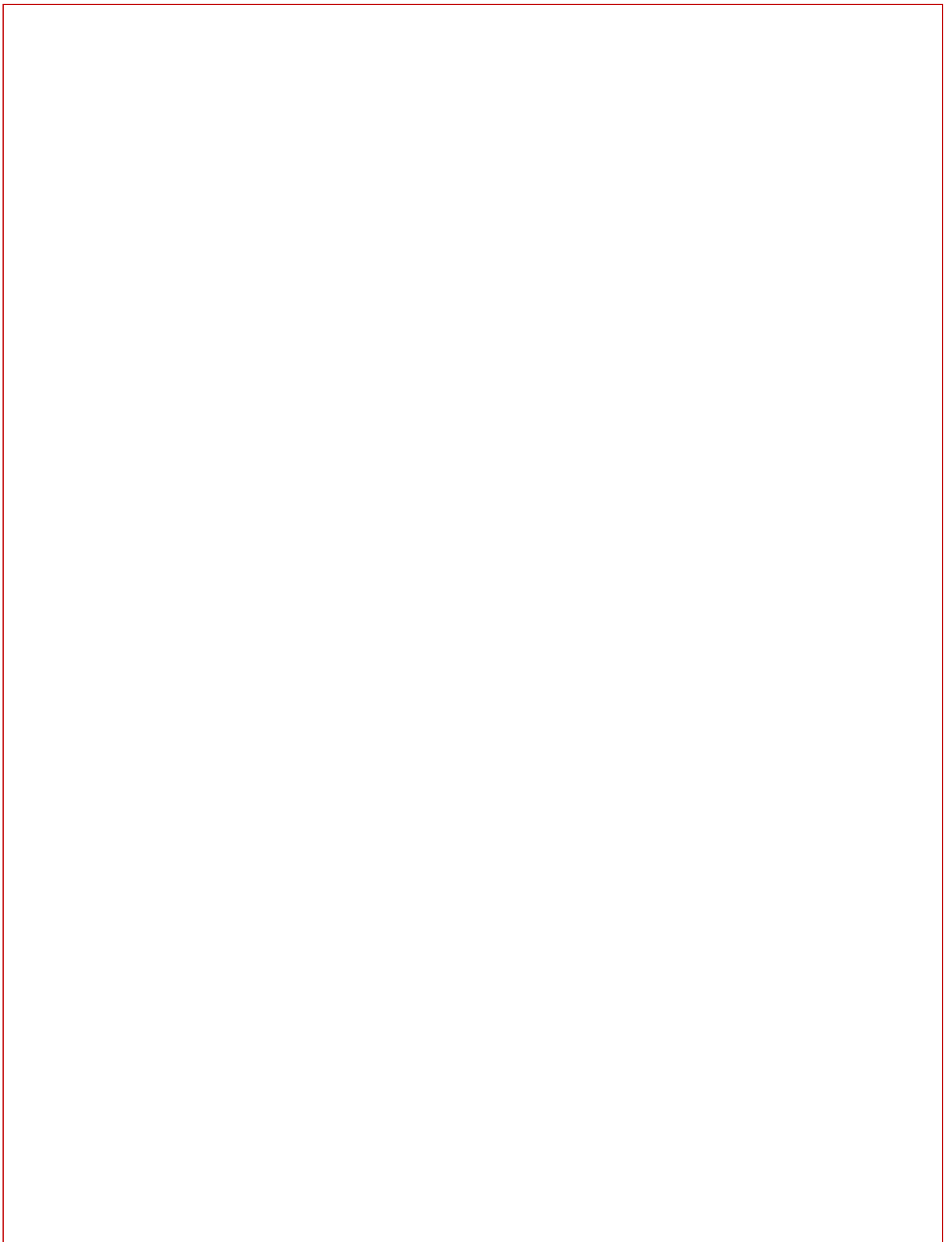
Total No. of Students –35

Topics covered

- Covid 19 protein isolation
- Amplification by PCR technique
- Protein Equalizer comparison
- Streaking method
- Bacterial DNA Isolation
- Electrophoresis



Principal
St. Ann's College For Women
(Autonomous)
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Workshop 2021-22

Attendance

S.No	Name of the students	Combination	14.03.22	15.03.22	college
1	Mariyam Tahani	B.Sc-MCB III- 021	<i>Mariyam</i>	<i>Mariyam</i>	
2	Samreen Fatima	B.Sc- MCB III- 026	<i>Samreen</i>	<i>Samreen</i>	
3	Huwaydah Imroze	B.Sc- MCB III -029	<i>Huwaydah</i>	<i>Huwaydah</i>	
4	Neha	B.Sc- MCB III -020		<i>Neha</i>	
5	Erum Wasi	B.Sc- NCB III -004		<i>Erum</i>	
6	Nasreen Fatima	B.Sc- MCB III -023	<i>Nasreen</i>	<i>Nasreen</i>	
7	Amal Abdul Yaffar	B.Sc- NCB III -019		<i>Amal</i>	
8	Sumayya mahaboob	B.Sc- NCB III -049			
9	L.Kriti	B.Sc- NCB III -043	<i>Kriti</i>	<i>Kriti</i>	
10	J.Sunitha Sunitha	B.Sc- NCB III -022	<i>Sunitha J</i>	<i>Sunitha J</i>	
11	M.Keertana kearthana	B.Sc- NCB III -001	<i>Keertana</i>	<i>Keertana</i>	
12	P.Anusha	B.Sc- NCB III-031	<i>Anusha</i>	<i>Anusha</i>	
13	P.Susanna keren	B.Sc- NCB III -045	<i>Susanna</i>	<i>Susanna</i>	
14	M.Akanksha	B.Sc- NCB III -048	<i>Akanksha</i>	<i>Akanksha</i>	
15	M.Manisha V. Mary Maneesha	B.Sc- NCB III -007	<i>Manisha</i>	<i>Manisha</i>	
16	Sri Mayuka K. Smit	B.Sc-BZC III -020	<i>Sri Mayuka</i>	<i>Sri Mayuka</i>	
17	Amareswari	B.Sc- MCB III R17-020	<i>Amareswari</i>	<i>Amareswari</i>	
18	Afifa Zaboor	B.Sc-MCB III -010	<i>Afifa</i>	<i>Afifa</i>	
19	Rishika Hatange Rishika	B.Sc-BZC III -041	<i>Rishika</i>	<i>Rishika</i>	
20	Meraj Fatima	B.Sc-BZC III -039	<i>Meraj</i>	<i>Meraj</i>	
21	Sheba Umme Sheba Sultana	B.Sc-BZC III -048	<i>Sheba</i>	<i>Sheba</i>	
22	Shaika Maimuna Maimuna	B.Sc-BZC III -024	<i>Shaika</i>	<i>Shaika</i>	
23	Laxmi Pasanna Lakshmi Prasanna	B.Sc-BZC III -015	<i>Lakshmi Pasanna</i>	<i>Lakshmi Pasanna</i>	
24	P.Poojitha	B.Sc-BZC III -031	<i>Poojitha</i>	<i>Poojitha</i>	
25	B.Tejaswini	B.Sc-BZC III -033	<i>Tejaswini</i>	<i>Tejaswini</i>	
26	G.Supriya	B.Sc-BZC III -040	<i>Supriya</i>	<i>Supriya</i>	
27	P.Madhumitha	B.Sc-BZC III -019	<i>Madhumitha</i>	<i>Madhumitha</i>	
28	Divya Sri J	B.Sc-BZC III -017	<i>Divya</i>	<i>Divya</i>	
29	N.Surekha	B.Sc-BZC III -052	<i>N Surekha</i>	<i>N Surekha</i>	
30	Annie Mathew	B.Sc-BZC III -012	<i>Annie Mathew</i>	<i>Annie Mathew</i>	
31	Samarpana ISRAEL	B.Sc-BZC III -004	<i>Israel</i>	<i>Israel</i>	
32	Vijayabhangavi S	B.Sc - BZC IIA	<i>Vijayabhangavi</i>	<i>Vijayabhangavi</i>	St. Francis
33	Afrim Sami	B.Sc - BZC IIA	<i>Afrim Sami</i>	<i>Afrim Sami</i>	college Beg

St. Francis
Degree College
for Women,
Begumpet.



Lr. No.: RHL/GEN/2021-22/006

Date: 11th Mar, 2022

To
The principal
St. Ann's College for Women (Autonomous)
Mehdipatnam, Hyderabad – 500028

Sub: Accepting the two-day workshop collaboration

Dear Madam,

We would like to accept the collaboration with the Department of Botany, St. Ann's College for Women, Mehdiapatnam to conduct a "two-day intercollegiate student level workshop on Bio-Molecular techniques" scheduled on 14th & 15th March 2022 to provide hands on training to the students.

Thanking you.

Sincerely

Phazna Devi
Dr. Phazna Devi

Dr. PHAZNA DEVI

Head & Sr. Scientist,
Division of Molecular Biology,
Ruha Life Sciences, Hyderabad-500076.

Thanking you.

Sincerely

8.Student Internships and Training

MOU with Synergy India Foundation

Date: FEB-JULY 2022

Event: Dissertation projects of MSc (Clinical Nutrition and Dietetics)II year. R20

No. of Beneficiaries: 12 Students

The Department linked with Synergy India Foundation for the dissertation projects of MSc (Clinical Nutrition and Dietetics) II year. R20 Batch for a duration of 1 Semester which would begin from feb 2022 and end in July 2022 where students should submit the thesis report.

The Students along with the faculty members went for a visit to Synergy India foundation office to discuss the prospects of carrying out dissertation projects on 6th Jan 2022.

The students are working on the projects which are based on the electronic health data in project Panacea.

The following information and support would be given by SIF in the execution of their projects successfully.

- Information pertaining to the health care aspects of information captured under Panacea Project.
- Involvement of the stakeholders who are responsible for child health care like state level officials, the doctors at the command centre, employees at the command centre, RHOs, Principals, Teachers, Health supervisors and Assistant care takers.
- Creating awareness programme for the health supervisors on important topics in handling child health care, evaluating their knowledge acquisition across the Residential schools in the state.

Details of the Dissertation Projects:

S. No	Name of the student	Hall Ticket No.	Name of the Mentors	Project title
1.	Zoha Samreen Khan	120420688003	Dr. Sujatha and Dr Meena	Assessment of the impact of Iron deficiency Anaemia (IDA) on the scholastic ability of children residing in government residential schools of

			Patangay	Telangana state.
2.	N. Spandana	120420688007	Dr. Sujatha and Dr Meena Patangay	To analyse and understand the reason for Hypothyroidism in adolescent girls residing in Government Residential schools of Telangana in spite of taking tablets and following dietary interventions
3.	Sonali Lonkar	120420688008	Ms. Phani and Ms. Sandhya	Evaluation of knowledge acquisition of the Health Supervisors trained for handling anaemia in adolescents of Telangana Social welfare Residential schools.
4.	Shreya Thakur	120420688016	Dr. Sujatha and Dr Meena Patangay	A study on personal and menstrual hygiene practices among adolescent girls in government residential schools of Telangana state.
5.	Mariam Fatima	120420688009	Ms. Phani and Ms. Sandhya	Qualitative/Situational analysis of prevalence and practices to prevent anaemia among State level officers of Telangana Social Welfare Residential Educational Institutions society of India
6.	Syeda Sadiya	120420688012	Ms. Phani and Ms. Sandhya	Qualitative/Situational analysis of prevalence and practices to prevent anaemia among Doctors at the command centre of Telangana Social Welfare Residential Educational Institutions society of India
7.	Sara Ahmed	120420688019	Ms. Phani and Ms. Sandhya	Qualitative/Situational analysis of prevalence and practices to prevent anaemia among Regional Health Officers of Telangana Social Welfare Residential Educational Institutions society of India
8.	Arundathi Chalimela	120420688023	Ms. Phani and Ms. Sandhya	Qualitative/Situational analysis of prevalence and practices to prevent anaemia among School Principals of Telangana Social Welfare Residential Educational Institutions society of India
9.	Hafsa Khanam	120420688028	Ms. Phani and Ms.	Qualitative/Situational analysis of prevalence and practices to prevent

			Sandhya	anaemia among School Teachers of Telangana Social Welfare Residential Educational Institutions society of India
10.	Sakshi Choubey	120420688035	Ms. Phani and Ms. Sandhya	Qualitative/Situational analysis of prevalence and practices to prevent anaemia among Health Supervisors of Telangana Social Welfare Residential Educational Institutions society of India
11.	Sravya Tella	120420688043	Ms. Phani and Ms. Sandhya	Qualitative/Situational analysis of prevalence and practices to prevent anaemia among Assistant Care takers of Telangana Social Welfare Residential Educational Institutions society of India
12.	Adla Prathyusha	120420688036	Ms. Phani and Ms. Sandhya	Qualitative/Situational analysis of prevalence and practices to prevent anaemia among employees at the command centre of Telangana Social Welfare Residential Educational Institutions society of India

9. Two Day Hands on Training on Molecular Techniques

MOU with Variant Genetics Pvt. Ltd

Date: 30th-31st March 2022

Event: TWO-DAY HANDS-ON –TRAINING –MOLECULAR TECHNIQUES

Activity: Workshop

A two-day hands-on-training on –“Molecular Techniques” was organized jointly by Department II (Biochemistry, Genetics and Microbiology) under DBT Star College Scheme in collaboration with Variant Genetics Pvt. Ltd., Hyderabad. From 30th – 31st March 2022. There The module included-
Number of Days – 2

Number of Lectures – 4 hrs and Hands on Training – 8 hrs. The offline event commenced with an inaugural function presided by Principal Sister P. Amrutha and co-presided by IQAC Coordinator, Dr. Smitha Asthana. This was followed by a small introduction of the workshop by Dr. V. Venugopal Rao, Head, Dept. of Genetics. Mrs. A. M. Sylaj and Mrs. Ch. Jyothi introduced the resource persons followed

by a small talk by Dr. M.C. Vanaja. Dr. Swapna from Dept. of Genetics proposed the vote of thanks at the end.

The program module commenced with a lecture on DNA isolation and pros and cons of using conventional method and kit method. This was followed by demonstration and hands-on-training for DNA isolation from blood sample by Dr. Anjana Nanda. Dr. Nanda also explained in detail the principle of SDS-PAGE and demonstrated the technique. Purity of DNA was checked by carrying out Agarose gel electrophoresis.

Second day of the workshop commenced with brief introduction of PCR technique followed by hands-on-training on PCR machine. Setting the program and running the PCR was explained by Dr. Nanda and Dr. M.C. Vanaja. Gene amplification by Polymerase chain reaction was visually observed on agarose gel using ethidium bromide. This was followed by a lecture on -Primer design for PCR and Sanger Sequencing (basics) and Sequence analysis.



Students at Molecular Biology Workshop



LIST OF PARTICIPANTS

Name of student	Name of the College/Institution	Year of study	Hall ticket number	Combination & year
K.SREE VAGDEVI	Rbvrrwomens college	II year	56215533	MCZ
CHANDRIKA KARRI	RBVRR women's college	II year	56215540	MCZ
D. Bhagyasri	RBVRR WOMEN'S COLLEGE	II year	56215530	MCZ
SOWMYA NAINIKA	RBVRR WOMEN'S COLLEGE	II year	56215522	MCZ
RACHA. SAHITHI	Rbvrr women's college	II year	56215542	MCZ
ABISHNA SHARON	Raja Bahadur Venkata Rama Reddy Women's College	II year	56215543	MCZ
kaparavenijyothika	Rbvrr women's college	II year	56215516	MCZ
ADEPU VEDASRIYA	Kasturba gandhi degree college	III year	7396895371	MCB
ADEPU VEDASRIYA	Kasturba Gandhi Degree College	III year	1111-19-458-002	MCB
KHANDAVILLI ROHINI SAI SRI JAHNAVI	KASTURBHA GHANDI DEGREE COLLEGE	III year	1111-19-487-016	BBC
KESIPEDDI DIVYA	RAJA BHAHADUR VENKATA RAMA REDDY	II year	56215537	MCZ
KOMMU NIKITHA	RBVRR WOMEN'S COLLEGE, NARAYANAGUDA	II year	56215502	MCZ
KAKARAPARTHI SHIVANI	RBVRR women's college	II year	56215501	MCZ
KAKARAPARTHI SHIVANI	RBVRR women's college	II year	56215501	MCZ
BOLLOJU DIVYA	Raja Bhadurvenkat Rama Reddy women's College	II year	56215531	MCZ
KOKONDA SHRUTHI	Kasturba Gandhi Degree and PG College for Womens	III year	1111-19-458-017	MCB
T.VINITHA	Sarojini naiduvanithamahavidyalaya	II year	1175-20-471-012	MCB
Mende Santhoshi	Sarojini Naidu Vanitha Maha Vidyalaya	II year	117520471010	MCB
ADAPA AMRUTHA	Sarojini naiduvanithamahavidyalaya	II year	1175-20-471-001	MCB
BATHULA PRANATHI DAS	Raja Bahudar Venkata Rama Reddy Womens college	II year	56215539	MCZ
L.SHAMBHAVI	SNVMV	II year	117520471009	MCB
Bonala Keerthi	Sarojini naiduvanithamahavidhyala	II year	117520495002	BBC
RAMPELLY SRAVANI	RBVRR WOMEN'S COLLEGE	II year	56215541	MCZ
Aayushi Sahgal	St. Maryâ€™s College Yousufguda	III year	120919488001	MCB
SAMBARA VENKATA SURYA LAKSHMI PRAVALLIKA	St Maryâ€™s college ,yusufguda	III year	120919488014	BBC

SONIA SHARMA	St.Mary's college	III year	120919488021	BBC
SANKE. NEHA	RBVRR WOMENS COLLEGE	II year	56215527	MCZ
VANSHIKA	stannâ€™s college for woem	II year	120420478010	GCZ
RENUKA	St Ann's college for women	II year	120420478007	GCZ
NIDA ZUBAIR	St. Ann's College for Women	II year	120420478015	GCZ
SREEYA DEVARAKONDA	St. Ann's College for Women, Mehdipatnam	II year	120420478011	GCZ
MUSKAN TOKAS	St Ann's college	II year	120420478012	GCZ

10.ECHO Project

Mou/collaboration with: WWF

Title of the Activity: ECHO Project

Date of the Activity: workshop 2021-22 conducted on 26 and 27 Oct from 2 PM to 5 PM.

December 7, 2021. January 28, 2022 Time: 4PM - 5PM. on 12th March 2022 at 12.30



WWF Activities and ECHO project

Dharini Eco club students are working on Echo- Building a Cadre of Green Entrepreneurs-National Project . The Topic of our project is Prakrith Ki Pramithi -Designing Eco Banners from gunny bags, jute and textile waste to replace PVC banners.

ECHO Project Team leads -student representatives Ms Mariyam Tahani, Ms.Ayesha, Ms Srija, Ms ,Aakanksha and Teacher coordinator-AM Sylaja attended 2 Day ECHO workshop 2021-22 conducted on 26 and 27 Oct from 2 PM to 5 PM.

ECHO representatives attended a session on

i)" How to create a WOW effect in your Entrepreneurship Journey" with our eminent speaker, Ms. Pinky Maheshwari, Founder of SURPRISE SOMEONE. Date: December 7, 2021

Time: 3PM - 4PM

ii)An expert talk on “Business Development For Entrepreneurs by Ms. Caroline Whitefield, an entrepreneur turned professor who is currently teaching entrepreneurial studies in UK.

The session was focussed on specific Sustainable Business case studies with the witty exchange of knowledge, and change-inspiring discussions!Date : January 28, 2022 Time: 4PM - 5PM

iii)Interactive session for ECHO Representatives and volunteers with Green waves Environmental Solutions Resource person Niharika on topic “ Designing Eco banners from Gunny Bags on 12th March 2022 at 12.30

LIST OF PARTICIPANTS

Name	Team lead/member	Combination	Year	Mail ID	Contact No.
Mariyam Thahani	Team lead (ECHO representative)	B.Sc MCB	III	mariyammc b@gmail.com	9908394154
Srija Naraharsetti	Team lead	BBA	III	srijanarahar isetti@gmail.com	9177694005
N.Akanksha Goud	Team lead	BBA	III	akankshag1 69@gmail.com	9100779763
Ayesha Godil	Team lead	BA	II	ayeshagodil 033@gmail.com	9373911009
Naairah Mujahid	Team member	B.Sc NCB	II	naairah.m.n cb.031@gmail.com	8143246601
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Syeda Hibah Fatima	Team member	B.Sc NCB	II	hibah.sf11@gmail.com	9989375862



A handwritten signature in green ink, appearing to read "Dr. Sr. P. Amrutha".

Dr. Sr. P. Amrutha

Principal

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