

# *St. Ann's College for Women*

(Autonomous), Affiliated to Osmania University  
Accredited by NAAC with A<sup>+</sup> Grade (3<sup>rd</sup> 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 (2020-21)**

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## LIST OF COLLABORATIVE ACTIVITIES DONE

### Research Development

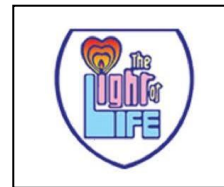
**2020-21**

Immunoinformatics Training	Bio Axis DNA Research Center Pvt.Ltd G.Jyothsna Sr.Research Associate ,plot n 33 Road n 03DVSNCOLONY,Munaganoor.
Virtual lab workshop during the Covid-19 pandemic period	IIIT Hyderabad Dr Venkatesh Choppella,PrincipalInvestigator Virtual labs project,IIIT Hyderabad
Observational case studies to diagnose the genetic syndromes and diseases	Institute of Genetics and Hospital for Genetic Diseases
15 Days Virtual Internships Program In Forensic Science, Stem cell and Gene Therapy	Learn To Upgrade (2020-2021)
Title:Workshop On Biofuels,Biofertilizers & Bioprocess Technologies	Innobioime & Triton SolutionsBiotechnology Unit OfAtal Incubation Centre ALEAP WE HUB and supported by AIM NITI AAYOG,GOI
Training of Trainers (ToT) National e Workshop on Bioinformatics	Innobioime & Triton Biosolutions
WWF Environment Conservation Heroes Project An initiative to prevent food loss and wastage. (Aims for zero food waste generation at household level by repurposing food waste into beauty, craft and utility products. Beauty and Health alternatives using food waste)	WWF India Sai SudhaWWF Cordinator63018 06280
Proteomics Internship	IITBombay,Dr.Sanjeev Srivastava Email: sanjeeva@iitb.ac.in
Biology & Bioengineering Summer Camp	IIT Bombay,Dr.Sa Srivastava Email: njeevsanjeeva@iitb.ac.in



*Dr. Sr. P. Amrutha*  
 Dr. Sr. P. Amrutha  
 Principal  
**St. Ann's College For Women**  
 (Autonomous)  
 Mehdiapatnam, Hyderabad-28

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10/8/23, 10:48 PM

Gmail - Fwd: Virtual Training and Dissertation works



sylaja mekala <sylaja.mekala@gmail.com>

## Fwd: Virtual Training and Dissertation works

1 message

**BioAxis DNA Research Centre Hyderabad** <dnaresearchcentre@gmail.com>

Mon, Apr 26, 2021 at 10:32 AM

Bcc: sylaja.mekala@gmail.com

Dear All Science Students and Professionals,

Are you worried sitting Idle at home with no productivity

Are you really interested to make the best use of this Self Lockdown time for learning and developing your intellect

### Let us promote Virtual Learning and Development of Science

BDRC has come up with its Virtual training Concept

We are providing Virtual **internship/ Dissertation** in the following concepts

**The duration of each course is 30 days ( Certified)**

1. Basic Bioinformatic and the Concept of data bases, tools and Proteomics
2. Gene conservations and Evolutionary Study
3. Proteomics and Drug Discovery
4. Computer Aided Drug Designing
5. Immunoinformatics and Vaccine Designing
6. Proteomics and Protein Disorder prediction and annotation

The classes will be online both mailing system on regular basis and Video classes occasionally

All the courses are certified and can be applicable in completion of your Academic dissertation/ Project

Course fee (any of the above course) : 6000 Indian Rupees.

#### Registration Procedure:

For the completion of the registration procedure in any of the courses please mail us the following documents:

- Duly filled Registration Form (Attached with the mail)
- 1 Passport size Photograph
- Registration fee of Rs 851 + 6000 (course fee)

By wire Transfer with following details:

Account No: 1057102000007597

Account Name: DNA RESEARCH CENTRE

Bank: IDBI Bank, L B Nagar

IFSC: IBKL0001057

Please mail us the scanned copy of bank receipt or reference number of transaction if opting for wire transfer mode of payment.

**Note: 10% discount of the fee structure is applicable for Group registrations of minimum 5 students.**

For more details contact us on +91-9246338983 or write back to us.

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Thanks & Regards

**BioAxis DNA Research Centre Private Limited**

**H.No. 3-97/42, Plot No. 33, Road No. 03**

<https://mail.google.com/mail/u/0/?ik=3ac80e88f5&view=pt&search=all&permthid=thread-f:1698078001675627826&simpl=msg-f:1698078001675...> 1/2

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Gmail - Fwd: Virtual Training and Dissertation works

**D.V.S.N Colony, Munaganoor**

**Hayatnagar - 501511, Hyderabad, Telangana**

Telefax: +91-40-24034503, Mobile: +91-9246338983

Email: [jyothsna@dnares.in](mailto:jyothsna@dnares.in)

Website: <http://www.dnares.in>

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*Confidential Notice: The privileged information contained in this electronic message and the attachments are strictly for the use of the recipients. If you are unable to make the identity and significance of the matters contained in the message or attachments contained in this mail kindly destroy the matters immediately and contact to BioAxis DNA Research centre Private Limited or return it back to [admin@dnares.in](mailto:admin@dnares.in) for the further references.*

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## BioAxis DNA Research Centre Private Limited

... Centre for Biological Research

3-97 42, Road No. 03, D.V.S.N Colony, Munaganoor, Hayathnagar - 501511, Hyderabad

Web site: www.dnares.in. Email: drc@dnares.in. Phone: +91-40-24034503. +91-9247438983

### Registration Form

**Registration Number (To be filled by Office):** .....

**Name:** Dr./Mrs./Miss/Mr: Smriti : Harish : Pai .....

**Qualification:** BSc. BBC (Biotechnology, Biochemistry, Chemistry) Final Year .....

**Address:** 38 - A Pearl Village Kondapur Hyderabad .....

.....

**Phone Numbers:** 1. 9948094844 ..... 2. 7675066661 .....

**Email:** smritipai2000@gmail.com .....

**College/University:** St Ann's College for Women .....

**Name of Course Interested for:** Immunoinformatics and Vaccine .....

..... Design .....

**Duration:** ..... 30 days .....  Research Training  Project  Project and Training

**Fee Detail (DD Number, DD Date, Bank name/Payment Reference number/ Cash date):**  
..... Transaction Reference number - 108812164556 (29/03/2021) ICIC BANK .....

**Expected Course Commencement Date:** 30<sup>th</sup> March 2021 .....

**Note:**

- ✓ I accept all the terms and conditions set by BDRC for training and Projects. I understand that the final certificate will be given to me only after payment of Full fee and fulfilling the criteria set by BDRC.
- ✓ I understand that the amount once paid will not be returned.

**Date:** 29<sup>th</sup> March 2021.

*Smriti*  
Applicant's Signature

Signature of Receiving Authority at BDRC



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Web site: www.dnares.in, Email:drc@dnares.in, Phone: +91-40-24034503, +91-9247438983

### **Registration Form**

**Registration Number (To be filled by Office):** .....

**Name:** Dr./Mrs./Miss/Mr: **T.Bhavya**.....

**Qualification:** **B.Sc. BBC (Biotechnology, Biochemistry, Chemistry) – Final Year**

**Address:** **Flat no.305, Emerald Apartments, Amrutha Hills, Punjagutta, Hyderabad-500082**.....

**Phone Numbers:** 1.....**6303719049**.....

2. ....

**Email:** **bhavyatanuku18@gmail.com**.....

**College/University:** **St. Ann's college for Women**.....

**Name of Course Interested for:** **Immunoinformatics and Vaccine Design**

**Duration:** .....**30 days**.....  **Research Training**  **Project**  **Project and Training**

**Fee Detail (DD Number, DD Date, Bank name/Payment Reference number/ Cash date):**

.....

**Expected Course Commencement Date:** **30-March-2021**

**Note:**

✓ *I accept all the terms and conditions set by BDRC for training and Projects. I understand that the final certificate will be given to me only after payment of Full fee and fulfilling the criteria set by BDRC.*

✓ *I understand that the amount once paid will not be returned.*

**Date:** **28-March-2021**

**Applicant's Signature**

**Signature of Receiving Authority at BDRC**

**T.Bhavya**



# BIOAXIS DNA RESEARCH CENTRE (P) LIMITED

...Centre for Biological Research

# 3-97/42, Road No. 3, D.V.S.N. Colony, Munaganoor, Hayathnagar - 501 511, R.R.Dist, Hyderabad.

E-Mail : info@dnares.in Website : www.dnares.in

## Certificate

This is to certify that Dr./Mrs./Miss/Mr. Smriti Harish Pai  
registration number 21 HBI-3/2919 has attended a Training Programme  
on Immunoinformatics

held at BioAxis DNA Research Centre Hyderabad.

During the tenure of 30 days/weeks/months, from 29<sup>th</sup> March '21 to  
27<sup>th</sup> April '21 he/she has successfully completed a Research Project/Training  
report entitled N/A

The overall performance of the candidate has been rated under A<sup>+</sup>  
category with a CGPA of 8.5

Signed and Sealed upon this day

28<sup>th</sup> June 2021

Research Scientist / Supervisor

Chief Scientific Officer



# BIOAXIS DNA RESEARCH CENTRE (P) LIMITED

...Centre for Biological Research

# 3-97/42, Road No. 3, D.V.S.N. Colony, Munaganoor, Hayathnagar - 501 511, R.R.Dist, Hyderabad.

E-Mail : info@dnares.in Website : www.dnares.in

## Certificate

This is to certify that Dr./Mrs./Miss/Mr..... T. Bhavya  
registration number... 21.HBI-3./2918... has attended a 'Training Programme  
on..... Immunoinformatics.....

held at BioAxis DNA Research Centre... Hyderabad.....

During the tenure of..... 30..... days/weeks/months, from 29<sup>th</sup> March '21 to  
27<sup>th</sup> April '21..... he/she has successfully completed a 'Research Project/Training  
report entitled..... N/A.....

The overall performance of the candidate has been rated under..... A +  
category with a CGPA of..... 8.5.....

Signed and Sealed upon this day

28<sup>th</sup> June 2021

Research Scientist / Supervisor

Chief Scientific Officer



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**Department of Physics & Electronic Collaboration Activity with Virtual Labs 2020-21**

Website : [www.stannscollgeahyd.com](http://www.stannscollgeahyd.com) Phone : 040-23513020  
 E-mail : [stann\\_college@yahoo.co.in](mailto:stann_college@yahoo.co.in)


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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 May 2020- June 2021. These labs were extremely useful during the Covid-19 pandemic period. The details are given below,

S. No	Dates	Workshops done	Sessions Conducted	Departments/ Labs Covered	Number of Students Participated	No. of usages
1	05/08/2020	8	10	Physics	50	4000
2	12/08/2020	8	10	Physics	50	4000
3	19/08/2020	8	10	Physics	50	4000
4	26/02/2020	8	10	Physics	50	4000
5	02/09/2020	8	10	Physics	50	4000
6	09/09/2020	8	10	Physics	50	4000
7	16/09/2020	8	10	Electronics	50	4000
8	07/10/2020	8	10	Electronics	50	4000
9	14/10/2020	8	10	Electronics	50	4000
10	21/10/2020	8	10	Electronics	50	4000
11	28/10/2020	8	10	Electronics	50	4000
12	04/11/2020	8	10	Electronics	50	4000
13	18/01/2021	2	2	Physics	50	200
14	19/01/2021	2	2	Electronics	50	200
15	30/1/2021	2	2	Physics	50	200
16	31/01/2021	2	2	Electronics	50	200
	Total	104	128		800	
			48800		1600	48800

  
 PRINCIPAL  
 ST. ANN'S COLLEGE FOR WOMEN  
 MEHDIAPATNAM, HYDERABAD-2.

List Of Participants

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HALLTICKET NO.	STUDENT NAME
120419474001	KUMARI SUNITA KAR
120419474002	IMMAANENI HARSHITHA
120419474003	RANGA SAITEJA
120419474004	ANUMAGALLA NEHA
120419474005	N TEJASWINI
120419474006	MUNGANDA VENKATA DEVI RATNA MALIKA
120419474007	GURIJALA VAISHNAVI
120419474008	ANUSHKA SHARON DAVID
120419474009	KOTA NEHA
120419474010	PINGER KEERTHI
120419474011	KUNCHALA ANUSHA
120419474012	CH PAVANI
120419474013	KOLLA SWOMYA SRI
120419474014	AFRAH FATIMA
120419474015	TIRUMALA SETTY NIKHITHA
120419474016	KANITHI SANDHYA
120419474017	MIRTHIPATI SATYA
120419474018	KUDURU MEGHANA
120419474019	SITA POOJA
120419474020	UTHUPALLA VINISHA
120419474021	MARUPALLY VARSHA
120419474022	NANGUNURI MANASA
120419474023	AARTI
120419474024	SUKKA NAGA NIKITHA
120419474025	GOVVALA KEERTHI
120419474026	KOLLA NAGALAKSHMI PRASANNA
120419474027	P MANASA
120419474028	KUMMARI SANDHYA RANI
120419474029	KUMBAM SAI PRAGNYA
120419474030	TANVEER MUJASSIM FATIMA
120419474031	SRAVANI PATIL
120419474032	MANTHRIGARI ASHWINI
120419474033	SINGI REDDY SRIJA
120419474034	MUSFIRA ARIF
120419474035	FARHANA AZ
120419474036	BANDA PRAVALIKA
120419474037	V NITYA VAISHNAVI
120419474038	K PREETHI



120419474039	C SHIRISHA
120419474040	KOTHAKAPU NAVANEETHA
120419474041	DAGGU SAI KALA
120419474042	PADAMATINTI ANUSHA
120419474043	GUDURU PRAVALIKA
120419474044	ELMATI KAVYASRI
120419474045	NEERUNEMULA AISHWARYA
120419474046	GURRAMPALLI AKANKSHA
120419474047	AQSA BANU
120419474048	NUNAMUNTHALA ANUSHA
120419474049	SANA BEGUM
120419474050	GUJJARI SHIRISHA

### **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: 15<sup>th</sup> June 2020- 15<sup>th</sup> July 2020

**Duration of collaboration: One year**  
Date: 15<sup>th</sup> March - 30<sup>th</sup> March 2021

**Activity/event:**

**Internship**

**Number of beneficiaries: 16**

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.

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 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 per

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S. No.	Programme	Name of the student	Hall Ticket No.	Title	Duration	Upload scanned Certificate
1	Internship	G.Pallavi Reddy	120418478025	Genetic Dignostics& Geentic counseling	15 days	<a href="https://drive.google.com/file/d/1fAWyQc2m48NGtdQAQ_cuA0hu7YldcpaN/view?usp=share_link">https://drive.google.com/file/d/1fAWyQc2m48NGtdQAQ_cuA0hu7YldcpaN/view?usp=share link</a>
2	Internship	Maria Mustajaab Ahmed	120418478001	Genetic Dignostics& Geentic counseling	15 days	<a href="https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link">https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link</a>
3	Internship	Sarani Ghosh	120418478020	Genetic Dignostics& Geentic counseling	15 days	<a href="https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link">https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link</a>
4	Internship	Rubina Minhaj	120418478007	Genetic Dignostics& Geentic counseling	15 days	<a href="https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link">https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link</a>
5	Internship	Afifa Hussain	120418478016	Genetic Dignostics& Geentic counseling	15 days	<a href="https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link">https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link</a>
6	Internship	Mumtaz	120418459009	Genetic Dignostics& Geentic counseling	15 days	<a href="https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link">https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link</a>
7	Internship	K.S.N.Nikhita	120418459021	Genetic Dignostics& Geentic counseling	15 days	<a href="https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link">https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link</a>
8	Internship	D.Poojitha	120418459002	Genetic Dignostics& Geentic counseling		<a href="https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link">https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link</a>
9	Internship	Thakur Annapurna	120418459014	Genetic Dignostics& Geentic counseling	15 days	<a href="https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link">https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link</a>
10	Internship	Sudeeksha Ravikoti	12041845918	Genetic Dignostics& Geentic counseling	15 days	<a href="https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link">https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link</a>
11	Internship	M.Shailaja	120418459012	Genetic Dignostics& Geentic	15 days	<a href="https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link">https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD F4?usp=share link</a>

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				<b>counseling</b>		
12	<b>Inter nship</b>	Jahnavi Gunturu	12041 84590 15	<b>Genetic Dignostics&amp; Geentic counseling</b>	<b>15 days</b>	<a href="https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD?usp=share_link">https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD?usp=share_link</a>
13	<b>Inter nship</b>	Ajjan Vaishnavi	12041 84590 06	<b>Genetic Dignostics&amp; Geentic counseling</b>	<b>15 days</b>	<a href="https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD?usp=share_link">https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD?usp=share_link</a>
14	<b>Inter nship</b>	G.Nandini	12041 84780 17	<b>Genetic Dignostics&amp; Geentic counseling</b>	<b>15 days</b>	<a href="https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD?usp=share_link">https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD?usp=share_link</a>
15	<b>Inter nship</b>	R.K.Raksh itha	12041 84780 26	<b>Genetic Dignostics&amp; Geentic counseling</b>	<b>15 days</b>	<a href="https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD?usp=share_link">https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD?usp=share_link</a>
16	<b>Inter nship</b>	A.Ramya	12041 84590 11	<b>Genetic Dignostics&amp; Geentic counseling</b>	<b>15 days</b>	<a href="https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD?usp=share_link">https://drive.google.com/drive/folders/1DJU1mwEV9Y2DVnXxkYaMB9SCY0vfTD?usp=share_link</a>

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## **Report on Internships in Collaboration with Learn to Upgrade**

**MOU with Learn to Upgrade**

**Event Title:/Activity:** Internship

**No. of Beneficiaries:** 33 Students

### **DETAILS OF INTERNSHIP**

**2020-21**

Department of Zoology in collaboration with Learn to upgrade [an online learning platform] organized various internship programs, around 33 students have enrolled and successfully completed 15 days internship program

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**LIST OF STUDENTS**

<b>S.no.</b>	<b>Name of the student</b>	<b>H.t.no.</b>	<b>Combination</b>	<b>Project title</b>	<b>Internship</b>
1	Vanshika	120420478010	Gcz	Forensic science	Learn to upgrade
2	Raqshan amina	120419457022	Mcz	Genetic engineering using crisprtechnology	Learn to upgrade
3	Juweriamah veen	120419457011	Mcz	Genetic engineering using crispr technology	Learn to upgrade
4	Veda rani changal	120419457003	Mcz	Forensic science	Learn to upgrade
5	Suhanamahe en	120419464016	Ncz	Food microbiology	Learn to upgrade
6	Pulijalakalyani	120419464040	Ncz	Food microbiology	Learn to upgrade
7	Marwah khaled	120419457021	Mcz	Virology and toxicology research	Learn to upgrade
8	Cholletikalpavalli	120419457023	Mcz	Forensic science	Learn to upgrade
9	Keren paul	120419464036	Ncz	Forensic science	Learn to upgrade
10	K.likitha	120419464001	Ncz	Forensic science	Learn to upgrade

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<b>11</b>	L.shivapriya	120419457012	Mcz	Forensic science	Learn to upgrade
<b>12</b>	A.nikitha	120419457013	Mcz	Forensic science	Learn to upgrade
<b>13</b>	Sai sarvanimcz	120419457014	Mcz	Forensic science	Learn to upgrade
<b>14</b>	G. Vaishnavi devi	120419478004	Gcz	Forensic science	Learn to upgrade
<b>15</b>	Tenugulikitha	120419478017	Gcz	Forensic science	Learn to upgrade
<b>16</b>	G.srilakshmi	120419478030	Gcz	Forensic science	Learn to upgrade
<b>17</b>	Tanveer ul misbah	120419478027	Gcz	Forensic science	Learn to upgrade
<b>18</b>	Mahinruqaiyah	120419478006	Gcz	Forensic science	Learn to upgrade
<b>19</b>	Syedafathim azehra	120419478016	Gcz	Forensic science	Learn to upgrade
<b>20</b>	Afeefa saimakh	120419478010	Gcz	Forensic science	Learn to upgrade
<b>21</b>	Juveria nisar	120419478029	Gcz	Virology and toxicology research	Learn to upgrade
<b>22</b>	Juweriyafatima	120419457025	Mcz	Genetic engineering with crispr technology	Learn to upgrade



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23	S.saritha	120419457025	Mcz	Forensic science	Learn to upgrade
24	Mehreen fatima	120419464048	Ncz	Course-clinical research	Learn to upgrade
25	T.vaishnavi	120419464050	Ncz	Forensic science	Learn to upgrade
26	Zohaazhar shaik	120419464044	Ncz	Clinical research	Learn to upgrade
27	Pallavi singh	120419457007	Mcz	Forensic science	Learn to upgrade
28	Marri.tulasi reddy	120419478020	Gcz	Forensic science	Learn to upgrade
29	Shabeen begum	120419478019	Gcz	Forensic science	Learn to upgrade
30	Roshni singh	120419478026	Gcz	Forensic science	Learn to upgrade
31	Bibi hafsa jabri	120419478014	Gcz	Genetic engineering with crispr technology	Learn to upgrade
32	Salma yousufkhan	120419478003	Gcz	Stem cell and gene therapy	Learn to upgrade
33	Zubedanasreen	120419478022	Gcz	Stem cell and gene therapy	Learn to upgrade

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## Report

### 3 Day Workshop On Biofuels, Biofertilisers & Bioprocess Technologies



**Title:** Workshop On Biofuels, Biofertilizers & Bioprocess Technologies

**Event Date:** 6 th to 8th August 2020

**Time:** 3pm to 6pm

**Report:** Students pursuing graduation and Post graduate students of Lifesciences around 75 of them participated in the event. The workshop was co hosted by Departments Of Biochemistry, Genetics, Microbiology and Biotechnology Of St. Ann's College For Women in collaboration with Biotechnology Unit Of Atal Incubation Centre ALEAP WEHUB and supported by AIM NITI AAYOG, GOI for enthusiastic Start-ups.

Biotechnology Unit of Atal Incubation Centre, ALEAP WE HUB (Supported by AIM, NITI AAYOG, GOI) ALEAP Industrial Estate, Gajularamaram, Hyd organized 3 day Hands-on training webinar Workshop on Industrial Biotechnology from 6th August To 8th August 2020. The Faculty of the four Departments actively coordinated the 3 Day Event. Dr. N. Madhusudana Rao, CEO Atal Incubation Centre, CCMB, Hyd was the chief Guest on Day 1 and gave an Inaugural Talk on Importance & role of Life sciences in Startups. Followed by Dr. Zahurullah, Chief Innovation Officer, ALEAP WEHUB, who spoke on "STARTUP innovations in Biotechnology Manufacturing Sector". On Day 2, Mr. Sarath Babu spoke on Biofuels and opportunities for innovations in this area. Third Day Sessions were taken over by Mr. Murali Krishna and Mr. Sukumar from Triton Biosolutions, on the topic Biofertilizers and Introduction to

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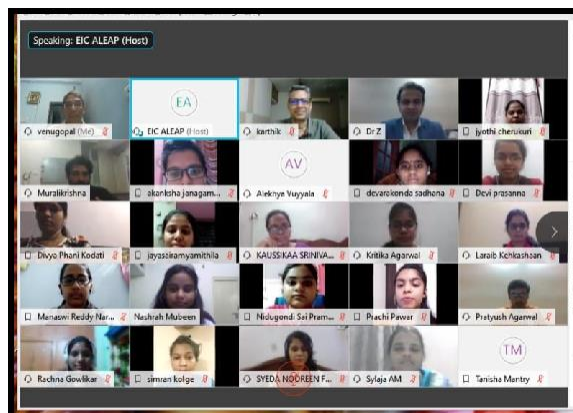
Bioprocess Technologies. In this session a virtual tour of the centre and Virtual Hands on training on Bioprocess Technologies, Real time exposure of industrial machinery (500litre Fermenter) was an add on.

Topics Covered in the workshop:

1. Biofuels: - Introduction to Biofuels, Classification and Feedstocks for biofuels, Production technologies for biofuels. Downstream Processing, Environmental Management in Biofuel Industry, Latest research in Biofuels. Leach bed bioreactor for MSW conversion to biofuels. Market opportunities and current trends in Biofuels towards a circular economy.
2. Bio Fertilizers: - Introduction to Bio Fertilizers and Fermentation Process. Industrial Sterilisation Process and How to prepare Seed Culture with Bacillus Subtilis. Sterilisation of Fermenter and Techniques of Inoculation of Seed Culture for production of Bio fertilizers.
3. Introduction to Bioprocess Technologies
4. Hands-on Training on Bio Process Technologies
5. Start-up opportunities in Biotechnology sector
6. IPR in Biotechnology

Interaction with industry experts, mentors and startup companies was an additional takeaway for the participants of the event.

All participants received e-certificates. This workshop also gave an insight of Internship Opportunity for students and Evaluation of ideas or prototypes of faculties paving the way to become a startup.





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**Depts. Of Biochemistry, Genetics & Microbiology**

**In Collaboration with**

**Triton Biosolutions & Innobiome Technologies**

**ALEAP Industrial Estate, Gajularamaram, Hyderabad-500 090.**

**Organized**

**Training of Trainers National e –Workshop on Bioinformatics**

**(Under DBT Star College Scheme)**

**November 7th to 22nd 2020**

#### **ABOUT THE WORK SHOP**

In the technologically growing world, need for analysing and computing data has increased. Bioinformatics is an interdisciplinary field that develops analytical methods and software tools for understanding clinical and biological data. It combines elements from many fields, including basic sciences, biology, computer science, mathematics and engineering, among others. In the current scenario, bioinformatics is widely used in:

- ? Drug designing
- ? Genome data compilation
- ? DNA/RNA and protein sequence analysis
- ? Phylogenetic analysis
- ? Gene therapy
- ? Identification of target gene

#### **FOCUS OF THE WORKSHOP**

- Introduction to DNA databases

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Introduction to protein databases1  
Data retrieving from tools like BLAST & FASTA  
Introduction to protein visualization tools  
Pairwise alignment of sequence data  
QC check of raw sequence data  
Phylogenetic analysis  
Deposition of DNA sequences in NCBI genbank

### **TARGET PARTICIPANTS**

A total of 120 participants who are faculty of Life Sciences & Research Scholars from different UG and PG colleges have been benefited by attending this e-workshop.

### **SPEAKERS**

- 1) Dr.Zahoorullah ,SMD Chief Innovation Officer, AIC ALEAP We-Hub, Hyderabad
- 2) Mr Murali, MD, Triton Biosolutions
- 3) Mr. K.Sukumar (PhD), Scientist &Managing Director, Innobiome Technologies, Hyderabad

### **SESSION 1- date :7/11/2020**

- 1)The session started with Inaugural Program by Dr.Sadaf Kalam
- 2)Introduction of the Workshop was given by Mr Murali, MD, Triton Biosolutions
- 3) Introduction to Bioinformatics Data: Genomes, nucleic acids, proteins, protein structures  
Was given by Dr.Zahoorullah SMD Chief Innovation Officer, AIC ALEAP We-Hub, Hyderabad
- 4) Mr. K.Sukumar (PhD), Scientist &Managing Director, Innobiome Technologies gave insights on  
DNA sequencing methods and testing Quality of raw sequence data by Chromas Pro



**SESSION 2- date :8/11/2020**

- 1)The session started with Mr. K.Sukumar focusing on Data retrieval tools-FASTA and BLAST
- 2) The second half of the session was about the Construction of Maximum Likelihood tree by using MEGA software by Mr. K.Sukumar
- 3)Participants were given access to software tools and were given sample data for the assignments.

**SESSION 3- date : 21/11/2020**

- 1) The session started with Dr. Zahoorullah S MD focusing on “Protein data banks (PDB), other databases and their utilization and demonstration”. The session gave importance of the PDB in areas of structural biology, such as structural genomics.
- 2) The next half of the session focused on importance of EMBOSS , a free open source software analysis package developed for the needs of the molecular biology and bioinformatics. The software and variety of applications for sequence alignment, rapid database searching with sequence patterns, protein motif identification were discussed. In silico identification of miRNAs and their targets from the expressed sequence tags of Raphanus sativus were analysed.

**SESSION 4- date : 22/11/2020**

- 1) **The first half of the session was introduction to Protein Visualisation Tools** by Dr. Zahoorullah S MD.The importance of visualization tools for 3D structure data and creation of illustrations of biological processes (catalytic/binding) were learnt.
- 2) **The second half of the session was introduction to RASMOL and SPDBV.**The importance of RasMol, a molecular graphics program and its application for the visualisation of proteins, nucleic acids and small molecules was known. The features of this program

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aimed at display, teaching and generation of publication quality images was given as assignment for participants.

**SESSION 5- date : 29/11/2020**

- 1) The session started with Mr. K.Sukumar focusing on “Submission of DNA sequences to NCBI Genbank”. The session explained the requirements and steps for submission of sequences
- 2) The next half of the session focused on importance of Patenting and requirements to submit a novel patent and explained the importance, requirements for patent deposition of Microbial strains in culture collection centers
- 3) The session ended with vote of thanks by the coordinator (**DBT Star College Scheme**) .
- 4) The feedback forms and experiences of the participants were documented



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Building Environment Conservation Heroes



## FINAL IMPACT REPORT 2021

Name of the college:	St. Ann's College for Women, Mehdiapatnam, Hyderabad
Teacher convener:	A.M.Sylaja
City/state:	Hyderabad, Telangana
Name of reporting person:	A.M.Sylaja
Mobile no. & email:	9849174742; <a href="mailto:sylaja.mekala@gmail.com">sylaja.mekala@gmail.com</a>

1. Survey analysis was done to know the factors causing food wastage, and the mindset of the participant's in tackling the issue. The form received more than 120 responses
2. We had an unexpected bigger Social Media Reach to the youth through all of our social media platforms which showed exponential growth and increasing interest and engagement, as is visible from the stats and analysis reports attached below.

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## 1. About your Echo Project

**b) Introduce your project journey in brief. Share your experience from the ideation of the project idea to its implementation. What are the key learnings? Highlight your top three best achievements or outcomes (150 words)**

Our project started from scratch through the WWF ECHO Volunteers initiative. We were intrigued by the idea and decided to tackle the food waste situation best suited to the pandemic and virtual initiatives. However, we didn't know the profound implications of the food waste problem until we started working on it.

We started off keeping a specific target audience in mind and tailor-made our content to reach everyone and was easy to implement.

We were able to assess the impact each individual could make if they would implement our suggestions and alternative to throwing away food.

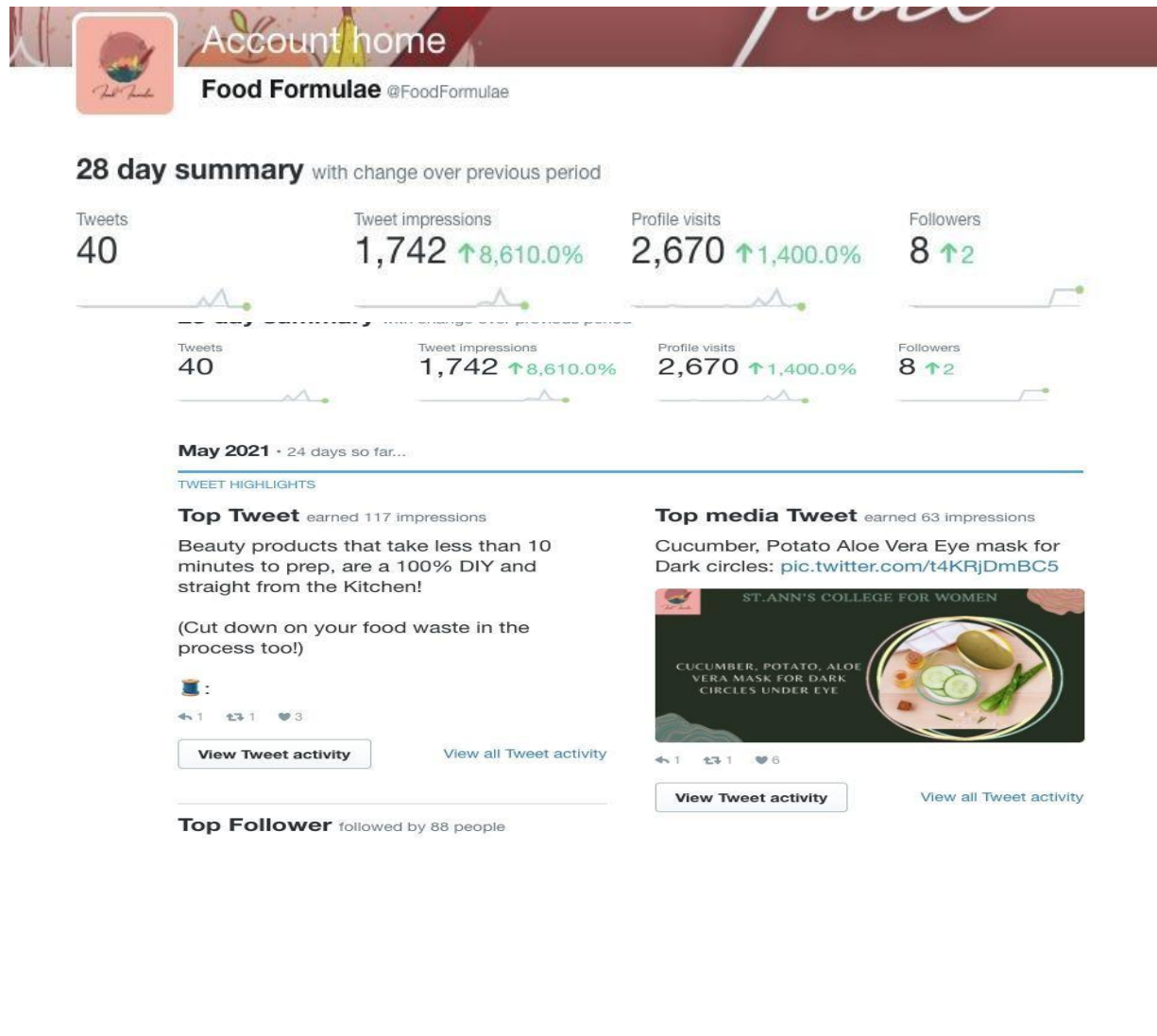
### ***Top 3 best Outcomes:***

1. Creation of useful virtual content on food wastage in the form of videos, memes, Instagram stories, comics, posters, and reaching out to the youth to raise awareness on the problem.

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Our idea of repurposing food consumption to avoid food wastage could be converted into a business model to create beauty products from food waste and to increase the sustainability of these products. They could be marketed online, as there was several positive feedback about the products and a wish to buy them instead of making them.




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← **Insights** ⓘ

Last 30 Days ▾



**Recent Highlights**

You reached +116% more accounts in the last 30 days compared to Mar 26 - Apr 24.

**Overview**

**1,114** Accounts Reached +116% >

**415** Content Interactions +90.3% >

**Your Audience** See All

**146** Total Followers +17.7%


**Content You Shared**

**YOUR TOOLS AND RESOURCES**

# Professional Dashboard

**Track Your Performance**


You reached 1,114 accounts in the last 30 days, +116% compared to Mar 26 - Apr 24.



Apr 25   May 2   May 9   May 16   May 24

**See All Insights** >

**Grow Your Business**

 **Promotions** >

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20:41
📶 🔋 67%

foodformulae ▾
+
☰ <sup>1</sup>

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Food formulae

Questions   Responses 61

61 responses

+
⋮

Accepting responses

Summary
Question
Individual

Name

61 responses

Rufida Ramsha

V.NAGA RAJESWARI

Hafeeza Mumtaz

K.Keerthi

Upadhyayula vasantha naga santhoshi

Ruqaya Fatima

**Food Formulae**  
Product/Service

"An initiative to repurpose food consumption".  
St. Ann's College for Women Mehdiapatnam,  
Hyderabad,... more  
[youtube.com/channel/UCaJWErsPpixHxWyho9mD...](https://youtube.com/channel/UCaJWErsPpixHxWyho9mD...)

Edit Profile
Promotions
Insights

Recipes

Twitter

Competition

Facts

Fried Potato Skins Recipe

Candied Orange Peels Recipe

Bone Broth Recipe

Mangalore Cucumber Peel Chutney Recipe

Roasted Pumpkin Seeds Recipe

Apple Scrap Vinegar Recipe

Don't Throw the Mango Peels!

Don't Throw the Lemon Peels!

Don't Throw the Banana Peels!


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20:41 [Signal/Network/Status icons]





foodformulae [Add] [Menu]

[View Professional Dashboard](#)

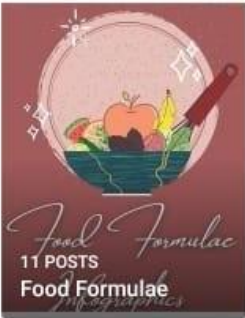
 **38** Posts   **146** Followers   **4** Following


**Food Formulae**  
Product/Service  
"An initiative to repurpose food consumption".  
St. Ann's College for Women Mehdiapatnam,  
Hyderabad,... more  
[youtube.com/channel/UCaJWErSPpHxWyho9mD...](https://youtube.com/channel/UCaJWErSPpHxWyho9mD...)


[Edit Profile](#)   [Promotions](#)   [Insights](#)

 Recipes    Twitter    Competition    Facts

[Grid/Video/Share/Bookmarks/Profile icons]

 **11 POSTS**  
Food Formulae Infographics

 **9 POSTS**  
Food Formulae Comics

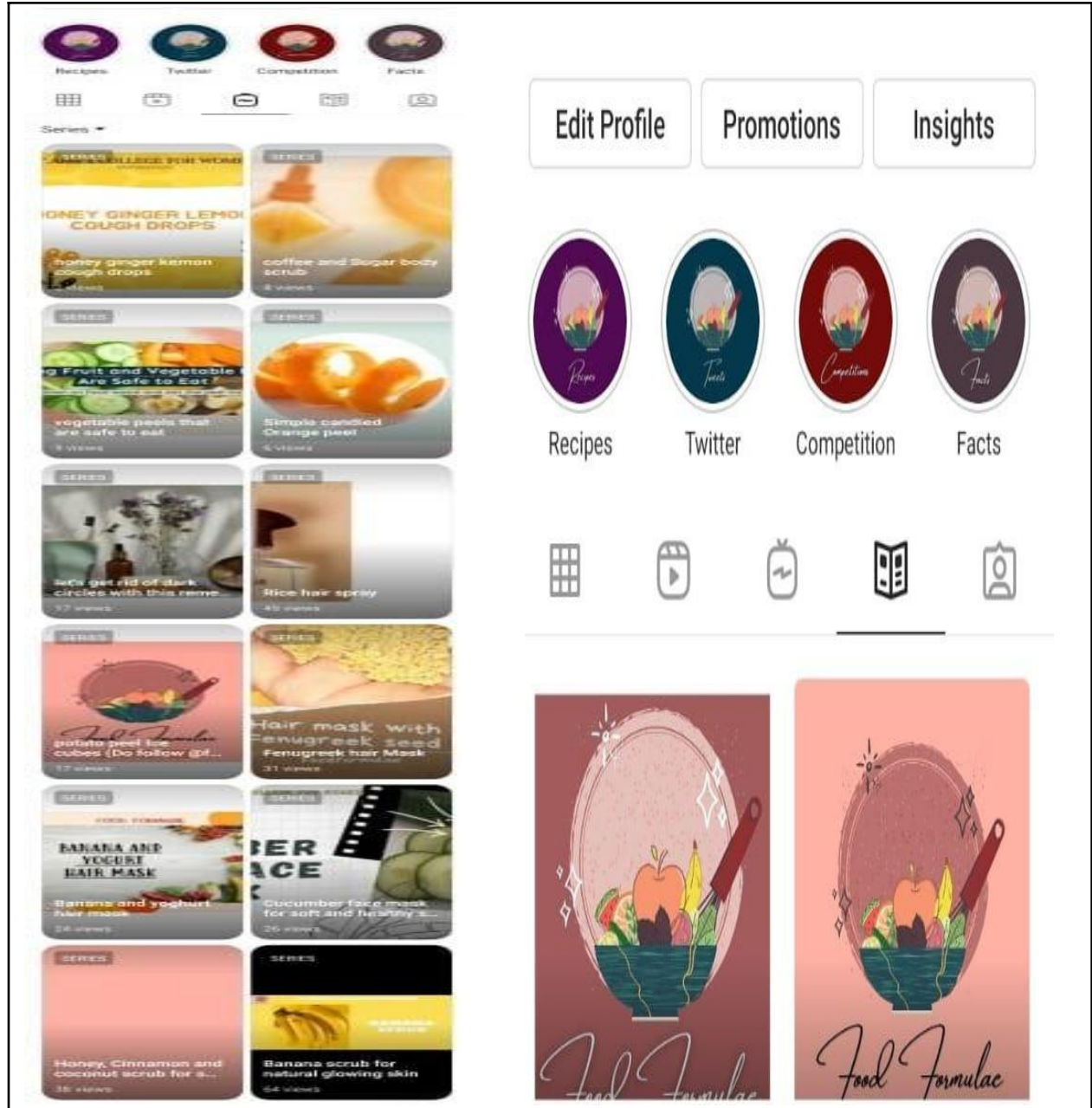
 **6 POSTS**  
Food Formulae Recipes

[+]

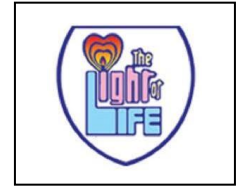
[Grid of video thumbnails with view counts: 9, 11, 39, 45, 79, 34, 87, 95, 95, 93, 79, 82]



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**Food Formulae**  
109 subscribers

CUSTOMIZE CHANNEL MANAGE VIDEOS

HOME VIDEOS PLAYLISTS CHANNELS DISCUSSION ABOUT

Uploads PLAY ALL SORT BY

 <b>Homemade Vinegar from Apple Scraps!</b> No views · 2 minutes ago	 <b>Here's How to use Stale Bread!</b> No views · 6 minutes ago	 <b>How to make Homemade Perfume using Orange...</b> No views · 12 minutes ago	 <b>Here's why you should use Orange Peels for Stronger...</b> 7 views · 7 hours ago	 <b>Rice water and Gram flour (Besan) Facemask for...</b> 18 views · 16 hours ago
 <b>How to make Homemade Biopesticide using Onion o...</b> 12 views · 16 hours ago	 <b>How to make Onion Hair Mask for Beautiful, Long,...</b> 36 views · 1 day ago	 <b>Homemade Cough Drops with Honey, Ginger &amp; Lemon!</b> 26 views · 1 day ago	 <b>Use Ridge Gourd Peels to Make a Delicious Snack!...</b> 32 views · 1 day ago	 <b>Don't throw away those Watermelon Rinds! Here's...</b> 40 views · 5 days ago

**Channel analytics**

ADVANCED MODE

Overview Reach Engagement Audience

Dec 30, 2020 – May 24, 2021  
Lifetime

**Your channel has gotten 1,058 views so far**



**Realtime**

Updating live

109  
Subscribers

SEE LIVE COUNT

305

Views · Last 48 hours

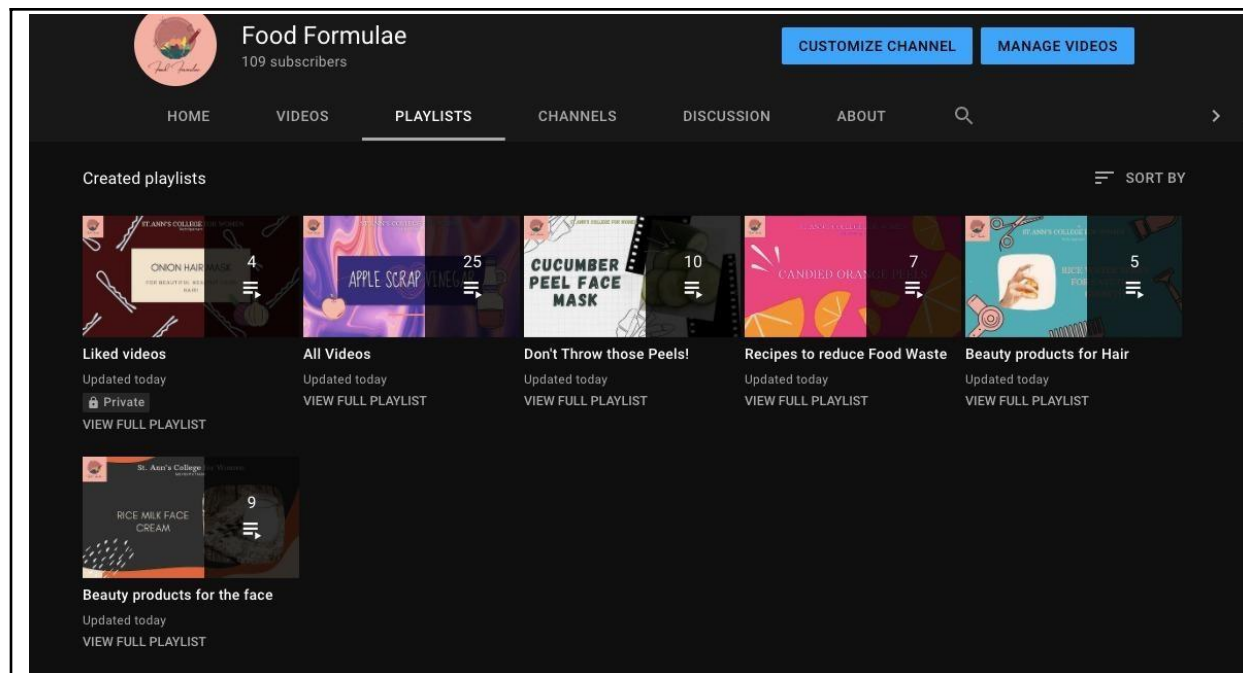


Top videos

	How to make Onion Hair Ma...	35
	Use Ridge Gourd Peels to M...	31
	How to make a Refreshing S...	30



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**b) What were/are the critical environmental issues that your Echo project addressed? (100 words)**

Our project was created keeping the harmful effects of food waste disposal in mind. Almost 26% of global greenhouse gas emissions are caused due to food disposal (OurWorldInData). An individual wastes about 50kg of food per year, and we aimed to provide alternatives to using this food waste rather than disposing of it. Our survey based on a Google Form with more than 120 responses measured the environmental impacts of the growing, producing, transporting, and storing of our food— from the natural resources consumed to the pollution produced to the greenhouse gases emitted.

Link to survey:

<https://drive.google.com/file/d/17FmfKE9SfrBxBvR5LShtC1q978aIGSj/view?usp=drivesdk>

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Take the Food Waste Survey! ☆

Questions Responses **122**

122 responses

Not accepting responses

**Message for respondents**

This form is no longer accepting responses

[Summary](#)      [Question](#)      [Individual](#)

Take the Food Waste Survey! ☆

Questions Responses **122**

**Age :**

120 responses

Age	Count	Percentage
17	2	1.7%
18	43	35.8%
19	31	25.8%
19 years	1	0.8%
20	22	18.3%
20	1	0.8%
21	5	4.2%
22	2	1.7%
23	3	2.5%
24	1	0.8%
25	2	1.7%
26	1	0.8%
27	1	0.8%
28	1	0.8%
29	1	0.8%
30	1	0.8%
31	1	0.8%
32	1	0.8%
33	1	0.8%
34	1	0.8%
35	1	0.8%
36	1	0.8%
37	1	0.8%
38	1	0.8%
39	1	0.8%
40	1	0.8%
41	1	0.8%

1. How much food would you say that your household usually throws away each week?  
Please select one

122 responses

Category	Percentage
1 - 5 kg	70.5%
5 - 10 kg	
15 - 20 kg	
Less than 1 kg	
Depending on the reason	
2kg	
2-3kgs	
Less than 1kg	

1/4 ▼

**c) Which SDGs did you address through project activities? Highlight the key activities that contributed to the SDGs under your project. (150 words)**

Through our work, we hope that we have impacted the following SDGs:

1. SDG 12-Ensure sustainable consumption and production patterns:

By incorporating the simple lifestyle changes and alternatives we suggested, the way people consume was hopefully impacted.

2. SDG 13-Take urgent action to combat climate change and its impacts:

As the amount of food waste that reaches the bins and landfills is reduced, the amount of greenhouse gases released is also reduced. Thus climate change could be combated at an individual level through this initiative.



<b>How will you rate your Echo Project?</b>		
	<b>Tick as appropriate</b>	<b>Justify in brief</b>
The Project idea is generic and has multiple views to address the theme of Echo 2021	<input type="checkbox"/>	No
The project idea has a specific idea/solution which is not generic	<input checked="" type="checkbox"/> -	Our initiative was aimed to suggest beauty products and food recipes using food parts that are usually discarded. We tried to help households become 0waste generators by repurposing food.
We innovated this project idea. It is unique, conceptualized by our team and directly addresses the theme of Echo 2021	<input checked="" type="checkbox"/> -	Yes. This was a complete brainstorm idea and was not copied or plagiarised from anywhere. We built upon the project as we went through it. We were not able to find similar initiatives online.
<b>Do you think your Echo project is replicable and scalable? Tell us which criteria does your project fits the best.</b>		
	<b>Tick as appropriate</b>	<b>Justify in brief</b>
Project is adaptable and can be replicated in other parts of the country	<input checked="" type="checkbox"/> -	Our project was made keeping in mind that every household could adopt these measures. The ideas proposed are generic and targeted at Health and wellbeing. We hope it can be scaled up and replicated all over the country.
Project is specific to the target population and can be replicated to the areas where the specific target population is present	<input type="checkbox"/>	No
Project is too dependent on local factors and depends on the resources available locally only hence, and cannot be scaled up	<input type="checkbox"/>	No



<b>Did your Echo project have a clear Impact ? Tell us more</b>		
Is the Impact of your project clearly measurable	Yes/No <b>Yes</b>	Justify in brief We were able to assess the impact of our project using social media reach analytics ,and our survey was able to give us insights into the gravity of the situation.
No. of people engaged (directly and indirectly both)	Direct engagement= <b>1,494</b>  Indirect engagement= <b>5,325</b>	Provide some background of people engaged <b>Direct engagement:</b> 109 subs+146 followers insta+248 webinar participants + 61 participants for poster competition + 8 Twitter followers +800 Whatsapp broadcast contact list+ 122 survey responses = <b>1,494</b> <b>Indirect engagement:</b> 1058 views on Youtube + 1114 Instagram reach + 2670 Twitter profile visits + 483 Whatsapp status views= <b>5,325</b>
What is the impact of your project in terms of outreach	We were able to impact a significant amount of people across states. We assume around <b>7,000 (6,819)</b> people were reached through initiative both directly and indirectly.	
<b>How sustainable do you think your Echo project is?</b>		
	<b>Tick as appropriate (multiple selection allowed)</b>	<b>Justify in brief</b>
We have developed a project implementation plan to continue the project for at least one year	<input checked="" type="checkbox"/> Yes	We hope to continue posting awareness and alternatives to food in terms of beauty products focusing on our Youtube channel.
The project is financially sustainable	<input checked="" type="checkbox"/> - Yes	The beauty products made are almost free of cost and require little to no extra materials. Everything is made using kitchen materials and food items.

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<p>The project has a strong business model and it has a good scope for fundraising through CSR</p>	<p align="center"><input checked="" type="checkbox"/> - Yes</p>	<p>Our project was made keeping the business model in mind and can be scaled up to meet corporate levels.</p>
<p>Is your project Environmentally sustainable?        Can the project progress in the resources available within the environmental limits (Keep these points in mind when you frame your response:</p> <ol style="list-style-type: none"> <li>1. Does the business model enable absolute decoupling of economic growth from environmental damage?</li>   <li>2. Does it rely on nature providing materials or services for free?</li>   <li>3. Does it rely on unfair terms of trade)</li> </ol>	<p>Yes/No yes yes</p> <ol style="list-style-type: none"> <li>1. Yes.</li>   <li>2. Yes?</li>   <li>3. No</li> </ol>	<p>Describe briefly</p> <ol style="list-style-type: none"> <li>1. If our initiative was a business model, it would decouple environmental damage from economic growth since we do not use resources from the environment and use already available resources.</li>   <li>2. We do not use any extra unrelated services or materials provided by nature. We only use food produce that could potentially go to waste.</li>   <li>3. No trade involved</li> </ol>
<p><b>Briefly describe any other initiatives taken :</b>        'Food Formulae' was started off as an initiative to suggest alternative use of food products as homemade beauty products.        We further extended the initiative to include various other products and recipes using potential food waste such as candied orange peels, biopesticides, ridge gourd peel snack etc.</p>		

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**Share Social media channels of your project, if any**

Youtube Channel:

<https://www.youtube.com/channel/UCaIWersPpixHxWyho9mDFDw>

Instagram Account:

[Food Formulae \(@foodformulae\) • Instagram photos and videos](#)

Twitter Account:

<https://twitter.com/FoodFormulae>

*Tell us about how many followers you have for each handle?*

**146 Instagram Followers**

**109 Youtube Subscribers**

**8 Twitter Followers**

**2 LinkedIn Connections**

*What kind of posts/ stories did you post on your handles?*

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***We made sure to provide content in all graphic mediums. We made videos, reels, posters, memes, infographics, comics, guides/virtual booklets, recipe books, facts, polls, quizzes to make sure we could interest as many people as possible.***

***What is the profile of your followers?***

***Most of our followers are women and enthusiastic youth. A few influential beauty bloggers subscribed to our channel and gave us kind remarks:***

#methi #fenugreekseeds #dandruff

How to make Hair Mask using Fenugreek Seeds for Dandruff free, Shiny and Healthy hair!

41 views · May 12, 2021

19 0 SHARE SAVE ...

**Food Formulae**  
86 subscribers

ANALYTICS EDIT VIDEO

Fenugreek Seeds/Methi Hair Mask for treating dandruff and a healthy clean scalp.

Fenugreek seeds (Methi) is a very effective at-home treatment for various hair problems such as

SHOW MORE

Highlighted comment

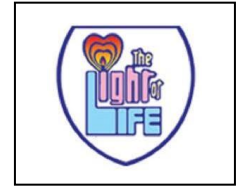
Christyshand hair and food 1 week ago

Every nice and nice video

1 1 REPLY

View reply from Food Formulae

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### ← Comments

for the initiative that we have taken up to at least change what we can.

#wwf #volunteers #wwfvolunteers  
#savefood #dontwastefood  
#kitchenwaste #reusing #beautyproducts  
#usingnaturalproducts #peels #fruits  
#vegetables #coconut #leaves  
#foodforthought #foodconsumption  
#foodstagram #remedies  
#instagram #instagood #wwfindia  
#zerowastehome #zerowasteliving  
#bestzerowastebautyproduct  
#zerowaste #sustainable #lifestyle


13m · Edited

 **bethlucyblogs** Wow!! So so great and thank you for sharing 🌞🌱🌍♻️ ❤️  
5m 1 like Reply


 **scientian\_abstracon**  
@bethlucyblogs thank you, do support the Initiative from wherever you belong to ❤️  
1m 1 like Reply

### Recent subscribers

Last 90 days

 **Dainty Daisy Merchandise**  
283 subscribers

 **Nawal Basha**  
3 subscribers

 **Sara Khan fa**  
0 subscribers

[SEE ALL](#)

### ← SustainabilityTrends

235.4K Tweets



**SustainabilityTrends**

@SustainTrends

The definitive AI bot for Sustainability Trends

📅 Joined January 2021

159 Following 5,152 Followers

⋮ Follow



**SustainabilityTrends** Retweeted your Tweet

8% of greenhouse gases heating the planet are caused by food waste.

#ClimateAction 🌍





**Did you receive any media coverage, if yes, share the screenshots or link to articles**

NO. We did get positive feedback from bloggers but no media coverage.



**2. Challenges**

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List the challenges that you have encountered during your project. Looking back, what would you do differently?

**The pandemic posed a really big challenge since it limited us to have only virtual interaction and engagements. We weren't able to reach out or market our social media accounts or innovations as much as we had planned too.**

**We tried to level up our work and tried to involve the followers too by asking them to participate in polls, video making, quizzes and all.**

**Looking back, we would have planned out our social media posts a bit differently and tried to keep that our focus from the strat. We were hoping to make sellable and economical beauty products and market those as a means to do some ground and charity work which wasn't achievable. Our Main focus was to minimise the food wastage and reuse or repurpose the edible food waste into useful beauty products which can be used at household level only. In order to convert our idea into a**

**business model, Collection of waste from source, its storage and converting into a marketable product ,requires some more research and experimentation which we could not make due to the current pandemic situation.**

3. Way forward



How do you wish to continue your project? Share your ideas and vision with us

We hope to continue with our project by building up on our social media accounts, specifically our youtube channel which has shown positive growth for the past 2 months.

We hope to keep generating content that would help reduce food waste alongside providing ideas to homemade beauty products.

#### 4. Introduce your team

Who comprised your team? Share brief introduction (1-2 sentences) to each of your team members (pictures can be included)

**1. Tanisha Mantry**

Was in charge of the Instagram handle. An absolute pro at Social Media management! Most of the spontaneous content was made by her. The unsaid leader and torch bearer, the brains behind most of the reels, comics, memes, guides, recipes on instagram

**2. Laraib Kehkashaan**

Was in charge of the Youtube Channel and Twitter Account; The brains behind the editing and content management. Great sense of aesthetics and generating purposeful content.

**3. Syeda Nooreen Fatima**

Was in charge of the Facebook account; A great orator and conducted webinars with grace and ease.

**4. Rachna Gowlikar**

Was in charge of the LinkedIn account; always up to date with latest happenings and insights.

**5. Fariya Tahreem Waheeda**

The fireball behind most of the video content and ideas! An absolute beast with work. Around 40% videos belong to her, thankful for her amazing judgement of impactfulness of content and valued opinions.

**6. Hafeeza Mumtaz**

Came up with the most innovative recipes.

**7. Kavya Reddy**

Always knew the task at hand.

**8. Kritika Agarwal**

Ardent fan and critic. Gave very helpful insights and criticism. Great ideas came from her too!

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**9. Maryam Thahani**

The go-to person for any sort of grievance. Well versed with the social media game, content generation tactics. A really helpful teammate!

**10. Saleha Sabahat**

The worker bee always buzzing with excitement and ideas. Generated content for the Channel and Feed.

**11. Yasmin Fathima**

Always keen to keep up with environmental issues

**12. Vaishnavi**

Very enthusiastic and would go beyond means to make things happen!

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**Link to all Social Media Analytics and work done (in images):**

[https://drive.google.com/file/d/1CS\\_ZsaqMifWDEpB5IQQN5yxYd0zxjrxq/view](https://drive.google.com/file/d/1CS_ZsaqMifWDEpB5IQQN5yxYd0zxjrxq/view)

**Name of Core team members with email and mobile no. (Please mention the name of four core team members only)**

<b>Name of the Student</b>	<b>Contact No.</b>	<b>E-mail Id</b>
Laraib Kehkashaan	7985695506	<a href="mailto:laraibahmed20@gmail.com">laraibahmed20@gmail.com</a>
Rachna Gowlikar	7680841024	<a href="mailto:rachna.gowlikar@gmail.com">rachna.gowlikar@gmail.com</a>
Syeda Nooreen Fatima	9703645863	<a href="mailto:syedanooreen981@gmail.com">syedanooreen981@gmail.com</a>
Tanisha Mantry	9701205214	<a href="mailto:tanishamantry005@gmail.com">tanishamantry005@gmail.com</a>

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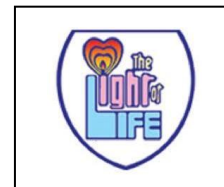


## Department of Biochemistry-Proteomics Internship with IIT Bombay

### Communication from Dr.Sanjeev srivastava IIT Bombay



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**Krithika Agarwal form B Sc Biochemistry 3rd year completed 6 month internship on**



**Proteomics organized by IIT Bombay May 24 2021 to January 11 th 2022**



**Tanisha mantry of BBC 3 Year completed 2-month Internship on Proteomics organised  
by IIT Bombay from July 4 th to 28 Th Aug**

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THIS IS TO CERTIFY THAT

**Ms. Vadla Pranavi**

*from St. Ann's College for Women has actively participated in the Proteomics  
Internship Program 2021 at the Indian Institute of Technology Bombay  
during May 24 - June 12, 2021*



28-06-2021

Date

*Sanjeena Srinivas*

Convener

