

# INDIAN ACADEMY

Degree College - Autonomous

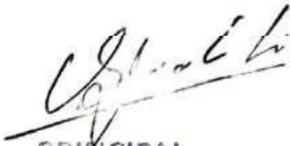
Date: 23.06.2022

## Circular

The Department of Commerce (UG) is organising a Guest lecture on the "Time Management" by Dr.Syeda TabassumS.G on 28/06/2022 (Tuesday) for the second semester B.Com Students in the Seminar Hall II at 12.00 pm.

Sign

Principal



PRINCIPAL

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43

Sign

HOD



HOD

DEPT. OF COMMERCE  
Indian Academy Degree College  
Kalyan Nagar, BANGALORE - 43

# INDIAN ACADEMY

## Degree College - Autonomous

### GUEST LECTURE REPORT ON THE TOPIC "TIME MANAGEMENT" AS ON 28.06.2022

- ❖ **Title of the Event:** Guest Lecture on time management
- ❖ **Place:** Seminar Hall II
- ❖ **Date:** 28.06.2022
- ❖ **Time:** 12.00 pm
- ❖ **Name of the Resource Person:** Dr. Syeda Tabassum
- ❖ **Beneficiaries:**

The guest talk was arranged for the second-semester B. Com students.

- ❖ **Broad Aim of the Event:** To understand how time can be managed and know why time management is important and make them aware of their plan to work actively with some autonomy

- ❖ **Objectives:**

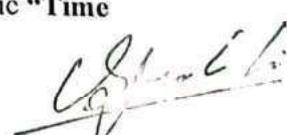
1. To make them aware of the use of time in the most effective way possible.
2. To create control over distractions that waste time.
3. To educate them about giving them more quality to relax and be creative.

- ❖ **Outcomes:**

1. To enable productivity among students.
2. To enable students to get more and better work done in less time.
3. To help students in managing time to overcome stress.

- ❖ **Brief Report**

The Department of UG Commerce, Indian Academy Degree College organized a guest lecture program for the second semester. B. Com students on the topic "**Time Management**" on 28-06-22 by Dr. Syeda Tabassum S.G

  
PRINCIPAL

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43



Dr. Syeda Tabassum S.G addressed students and explained what TIME MANAGEMENT is she told them Your stress handling, your attitude, your communication skills, your emotional intelligence and a whole host of other personal attributes are the time management that is crucial for career success. Problem-solving, delegating, motivating, and team building is all much easier if you have good soft skills. She highlighted that nowadays an individual must have time management to survive in the corporate world. She also explained how managing time can influence everything from the way employees communicate with customers to the way they solve problems internally. She also highlights the importance of time management in planning their studies.

She encouraged students to take involve themselves in the activity. Almost all students attended the program with good interest and got inspired by Dr. Syeda Tabassum S.G. During the session, she also conducted activities like a few physical exercises where all the students participated. Overall, the session was very interactive. The feedback was collected at the end of the session from the beneficiaries for catering to further need improvements.



PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43



HOD  
DEPT. OF COMMERCE  
Indian Academy Degree College  
Rajyan Nagar, BANGALORE

# INDIAN ACADEMY

Degree College - Autonomous

## PROFILE OF SPEAKER

**Name:** Dr. Syeda Tabassum S.G , M.Com, Ph.D.

**Designation:** H.O.D of Commerce  
Abbas Khan College for Women  
Bangalore 560 002, Karnataka

**Contact Number:**Ph: 7204259416

**Email:** tabu9416@gmail.com

**Experience:** 15 yrs (UG & PG)

**Specialization:**Ph.D in Commerce on the topic " A Study on Women Attrition In I.T Sector with reference to Bangalore City".

### Other Portfolio held:

- External Examiner for Ph.D thesis Evaluation at Bharathidasan University.
- Paper setter for Indian Academy Degree College Bangalore (Autonomous).
- Worked as BOE member, for VI Semester B.com Bangalore University 2019-2020.
- Appointed as External Examiner for BBA Viva Voce Bangalore University in 2018.
- External Guide for BBA students of Jain University in 2018.
- Evaluator /Reviewer for U.G courses of Bangalore City University.
- Asst. Co ordinator of NAAC & IQAC Abbas Khan College Bangalore.

### Publications & Certifications

- Work-Life Balance & Stress management - A Case study on Health Centres. Best paper award at International summit in Jain University Jan 2022 ( Publication awaited)
- IAMS School of Business Spectrum- Impact on employability during crises- A case study on the corporate sector. Vol XIV Nov 2 Dec 21
- Managing Emotional stress during Pandemic- A case study on faculty in Higher Education. ( publication awaited)

  
PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 56



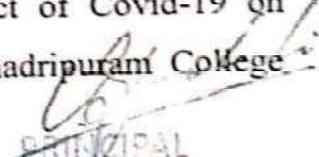
- International Journal of Inter-Disciplinary Studies - 19 on Teaching & Learning on college faculty.
- International Journal of Analytical and Experimental Modal analysis Title - Organizational citizenship of Bank employees.
- International Journal of mgt, technology and engineering - Title "Determinants of service climate a Theoretical study.
- International journal of Multidisciplinary research review-peer reviewed monthly journal on Title - "Women attrition and retention".
- International journal of Management and social science research review Title- "Employee retention and commitment".
- International journal of Business administration research review Impact factor 3996 Title- the "A Study on the impact of factors affecting women attrition in I.T sector with specific reference to strategies and techniques".
- Southern Economists National work-life "Work life balance & attrition".
- Southern Economists National journal Title "Impact of the attrition on the performance of I.T companies".
- Southern economists Title "Women attrition in IT sector".
- Conference publication - Global workplace by 2020, on the title "Use of technology in HR and its implications.

#### Book Publication

Human Resource Management reference book by Dr. Nirmala, Syeda Tabassum S.G - Himalaya Publishing House.

#### Papers Presented

- Work-Life balance & Stress management - A Case study on Health Centers. Best paper award at International summit in Jain University Jan 2022.
- Managing Emotional stress during Pandemic- A case study on faculty in Higher Education.
- Presented a paper in 3 days International Webinar on "Impact of Covid-19 on Teaching & Learning by College Faculty" 2nd Sep 2020 Sheshadripuram College Bangalore.

  
 PRINCIPAL  
 INDIAN ACADEMY DEWOTE COLLEGE  
 AUTONOMOUS  
 HENNUR MAIN ROAD  
 BANGALORE - 43



- Presented a paper in 3 days International Webinar on “Digital Pedagogy in 21st Century – Opportunities & Challenges. Rajiv Gandhi University.
- Presented a paper in the 3rd National Seminar on “Global work place by 2020”, (Sindhi College of Commerce Bangalore).
- Presented paper in UGC Sponsored 1 day National Conference on “Impact of metro rail on Environment” Abbas Khan College Bangalore).
- UGC Sponsored 1 day State level seminar on “Effect on entry of foreign players in Indian retail industry and strategies for survival and growth” (AKCW).



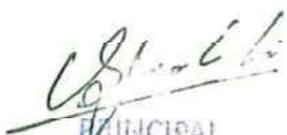
PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43

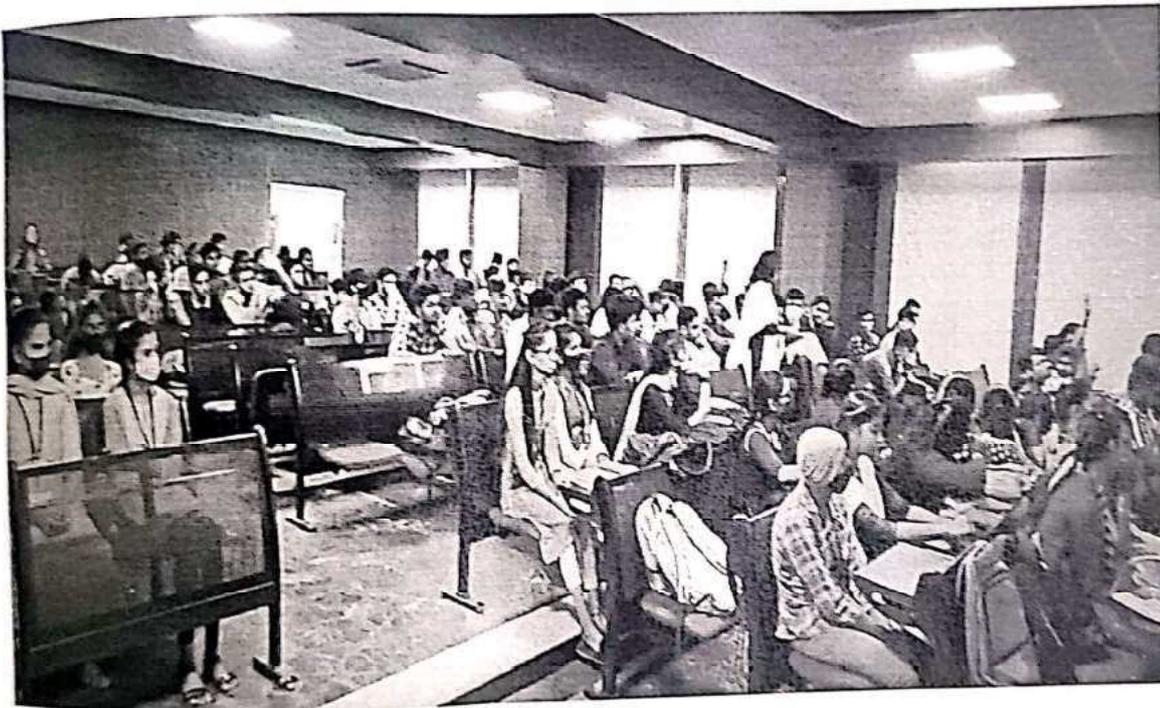
# INDIAN ACADEMY

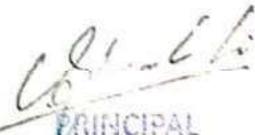
Degree College - Autonomous

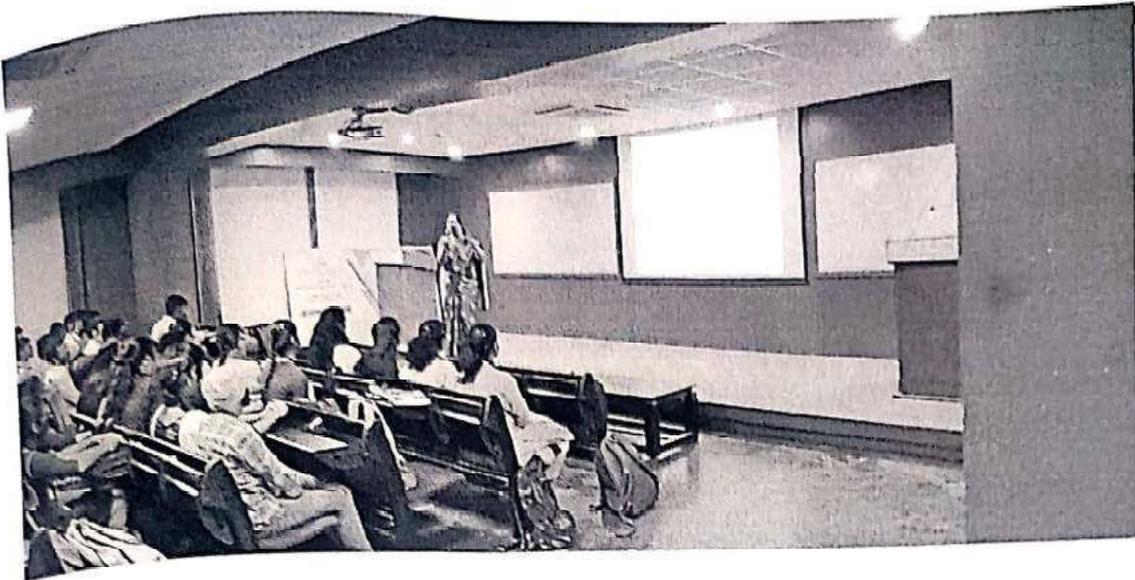
GUEST LECTURE PICTURES ON THE TOPIC "TIMEMANAGEMENT" AS ON  
28.06.2022



  
PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43



  
PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 56



*[Handwritten Signature]*  
PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43

# INDIAN ACADEMY

Degree College - Autonomous

## GUEST LECTURES

Speaker : Dr. Syeda Tabassum S.G  
Designation : HOD of Commerce Abbas Khan College for Women  
Topics : Time Management  
Nature of Audience : II Semester B.COM  
Date & Time : 28<sup>th</sup> June 2022 - 12:15pm to 1:10pm  
Views of the Speaker : The experience was wonderful, audience was very enthusiastic & energetic. All the best.  
Signature of the guest

### Views of the beneficiaries

- Kunhika P 21IABCM138 1. The session was very good and it was very useful for us.  
Amalamma 21IABCM168 2. The session was informative & useful for us.  
Remarks Prati 21IABCM177 3. Very enlightening words and words of wisdom to hear from an experienced person



PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43

# INDIAN ACADEMY

Degree College - Autonomous

DEPARTMENT OF COMMERCE

PARTICIPANT LIST FOR GUEST LECTURE

TOPIC TIME MANAGEMENT

DATE 28<sup>th</sup> June 2022

NAME OF SPEAKER Dr. Syeda Tabassum S.G

CLASS 11 Sem B.Com 'A' SEC

Sl No	REGISTER NO	NAME OF THE STUDENTS	SIGNATURE
1	21IABCM001	ABDUL AHAD	
3	21IABCM003	ABDUL REHMAN	
4	21IABCM004	ABDUL REHMAN VIRANI	
5	21IABCM005	ABU HARIS KHAN	
6	21IABCM006	ADITHYA KUMAR NISHAD R	
7	21IABCM007	ADITHYA M	
8	21IABCM008	AFNAN KHAN	
9	21IABCM009	AHBAS AHMED P	Absent
10	21IABCM010	AJAY R (Raja R)	Ajay
11	21IABCM011	AJAY R (Ravi B)	Ajay
12	21IABCM012	AKASH S	Akash S.
13	21IABCM013	AKSHAY G S	Akshay G S
14	21IABCM014	AMBRISH KUMAR P	Absent
15	21IABCM015	AMITH K S	
16	21IABCM016	ANIKET MAHATO	Absent
18	21IABCM018	ARATHI P	
19	21IABCM019	ARAVIND SWAMY B	Absent
20	21IABCM020	ARBAZ PASHA	Arbaz Pasha
21	21IABCM021	ARCHANA S	Archana S
22	21IABCM022	ARJUN S	Arjun S
23	21IABCM023	ARUL NADAN	Arulnadan B
24	21IABCM024	ARUN RAJ A	Absent
25	21IABCM025	ASHISH R	Absent
26	21IABCM026	ASHWANI KUMARI	Absent
27	21IABCM027	AUSTIN D CRUZE J	Absent
28	21IABCM028	AVEZ PASHA F	Absent
29	21IABCM029	AYESHA KHANUM	Ayesha Khanum
30	21IABCM030	AYESHA SAYADI	Ayesha Sayadi
31	21IABCM031	B LAKSHMI POOJITHA	Lakshmi
32	21IABCM032	B MOHAMMED MISBAH AHMED	Absent
33	21IABCM033	BABITHA S	Babitha S
34	21IABCM034	BALAJI MANJUNATH S	Balaji Manjunath S
35	21IABCM035	BHAGYASHREE KUMARI C	Absent
36	21IABCM036	BHARATH KUMAR N	Bharath Kumar N
37	21IABCM037	BHARATH S	Absent
38	21IABCM038	BHARATH V	Bharath V
39	21IABCM039	BHARGAVI B K	Bhargavi B K
40	21IABCM040	BHAVANA M	Bhavana M
41	21IABCM041	BHOLA YADAV	Absent
42	21IABCM042	BHOOMIKA S V	Bhoomika S V
43	21IABCM043	BILAL M	Bilal M
44	21IABCM044	BINDU G	Absent

Principal  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43

42	21IABCM139	KRUTHIKA S	Kruthikas
43	21IABCM140	LAKSHMI KUMARI	Lakshmi Kumari
44	21IABCM141	LAKSHMI NARAYANA S	Lakshmi Narayana S
45	21IABCM142	LATHA P	Latha P
46	21IABCM143	LAVANYA S	Lavanya S
47	21IABCM145	LIKITH GOWDA G M	Likith Gowda G M
48	21IABCM146	LIMBANI RIDHI R	Limbani Ridhi R
49	21IABCM147	LOKITH K	Lokith K
50	21IABCM148	M ABHISHEK	Absent
51	21IABCM149	MADAN G	Madan G
52	21IABCM150	MADHAN KUMAR M	Absent
53	21IABCM151	MADHAVAN M	Absent
54	21IABCM152	MADHUMITHA B	Madhumitha B
55	21IABCM153	MAHESH J S	Mahesh J S
56	21IABCM154	MALINI M	Malini M
57	21IABCM155	MANI V	Mani V
58	21IABCM156	MANJULA M	Manjula M
59	21IABCM157	MANOHAR K	Absent
60	21IABCM158	MANOHAR N	Manohar N
61	21IABCM159	MANOJ KUMAR M	Manoj Kumar M
62	21IABCM160	MANOJ M	Manoj M
63	21IABCM161	MANOJ PREM R	Absent
64	21IABCM162	MANSOOR SHARIEFF	Mansoor Sharieff
65	21IABCM163	MANU-B R	Manu-B R
66	21IABCM164	MARK LEE	Mark Lee
67	21IABCM165	MARTHESHWARAN V	Martheshwaran V
68	21IABCM166	MARY BEULINE	Mary Beuline
69	21IABCM167	MARY PAVITHRA L	Mary Pavithra L
70	21IABCM168	MATTHEW J	Matthew J
71	21IABCM169	MAZAR AHMED	Absent
72	21IABCM170	MD A'THA UR REHMAN	MD A'THA UR REHMAN
73	21IABCM171	MD UZAIR ZULQUARNAIN	Absent
74	21IABCM172	MEERA A	Meera A
75	21IABCM173	MEGRAJ SINGH K	Megraj Singh K
76	21IABCM174	MELVIN JACOB S	Melvin Jacob S
77	21IABCM175	MELVIN KUMAR G	Absent
78	21IABCM176	MERCY ANISHA M	Mercy Anisha M
79	21IABCM177	MOHAMMED AFFAN RUAFI	Mohammed Affan Ruafi
80	21IABCM178	MOHAMMED AFTAB T	Mohammed Aftab T
81	21IABCM179	MOHAMMED FARDEEN KHAN	Fardeen
82	21IABCM180	MOHAMMED HAZIQ P	Absent
83	21IABCM181	MOHAMMED HUSSAIN M	Absent
84	21IABCM182	MOHAMMED KAIF	Absent
85	21IABCM183	MOHAMMED MAAZ	Maz
86	21IABCM184	MOHAMMED MUQITHULLA SHARIFF	Absent
87	21IABCM185	MOHAMMED RAFIUDDIN	Rafiuddin
88	21IABCM186	MOHAMMED RAYYAN QURESHI	Absent
89	21IABCM187	MOHAMMED SAQLAIN	Mohammed Saqlain

INDIAN ACADEMY COLLEGE  
 AUTONOMOUS  
 HENNUR MAIN ROAD  
 BANGALORE - 43

45	21IABCM045	CALEB	Caleb
46	21IABCM046	CHAITHANYA RAM S	Chaithanya
47	21IABCM047	CHANDAN N	Chandan
48	21IABCM048	CHANDANA R	Chandana
49	21IABCM049	CHANDRU M	Chandru
50	21IABCM050	CHANNA KESHAVA M	Channa Keshava M
51	21IABCM051	CHARULATHA	Charulatha
52	21IABCM052	CHETHAN L	Chethan
53	21IABCM053	CHETHANA B K	Chethana B K
54	21IABCM054	CHINNI PRASAD R V	Chinni Prasad R V
55	21IABCM055	CHIRAG SHEKHAR POOJARI	Chirag Shekhar Poojari
56	21IABCM056	DANIEL E	Daniel
57	21IABCM057	DANUSH M	Danush
58	21IABCM058	DARSHINI M	Darshini
59	21IABCM059	DASARI ADIKESAVA REDDY	Dasari Adikesava Reddy
60	21IABCM060	DEEPAK KUMAR C	Deepak Kumar C
61	21IABCM061	DEEPAK L	Deepak
62	21IABCM062	DEEPIKA D	Deepika
63	21IABCM063	DEEPTHI M	Deepti
64	21IABCM064	DEERAJ MANIKANTA P	Deeraj Manikanta P
65	21IABCM065	DELSON EMMANUEL S	Delson Emmanuel S
66	21IABCM066	DENISH B	Denish
67	21IABCM067	DHANUSH R	Dhanush
68	21IABCM068	DHANUSH S	Dhanush
69	21IABCM069	DHARSHAN M	Dharshan
70	21IABCM070	DILEEP M	Dileep
71	21IABCM071	EDWIN SUSHANTH E	Edwin Sushanth E
72	21IABCM072	EVANGELINE JUDY R	Evangeline Judy R
73	21IABCM073	FARDEEN KHAN	Fardeen
74	21IABCM074	FARZANA BEGAM Y	Farzana Begam Y
75	21IABCM075	FAZAL KHAN	Fazal
76	21IABCM076	FAZIL PASHA	Fazil Pasha
77	21IABCM077	GANESH A K	Ganesh A K
78	21IABCM078	GAUTHAM C	Gautham
79	21IABCM079	GAYATHRI S	Gayathri
80	21IABCM080	GEETHA SINGH R	Geetha Singh R
81	21IABCM081	GIDEON D	Gideon
82	21IABCM082	GOPAL KIRAN K	Gopal Kiran K
83	21IABCM083	GOPI SARAVANAN T	Gopi Saravanan T
84	21IABCM084	GOWARKAL SASIREKHA	Gowarkal Sasirekha
85	21IABCM085	GOWRAMMA G	Gowamma
86	21IABCM086	GOWTHAM R	Gowtham
87	21IABCM087	GUNASHEKAR	Gunashekar
88	21IABCM088	GURUPRASAD K N	Guruprasad K N
89	21IABCM089	HAMSA A	Hamsa
90	21IABCM090	HARITHAA NANDINI G	Haritha Nandini G
91	21IABCM091	HARSHAVARDAN R	Harshavardan R
92	21IABCM092	HARSHITH M	Harshith
93	21IABCM093	HARSHITHA V	Harshitha
94	21IABCM094	HARSHITHA V	Harshitha V

# INDIAN ACADEMY

Degree College - Autonomous

BA/2021-22/001

Date: 31.05.2022

## CIRCULAR

Department of History is organizing a guest lecture for all the B.A History students on **02<sup>nd</sup> June, 2022** from 12 pm to 1 pm. All the students and faculty are invited for the Guest Lecture in Seminar hall-II.

Resource person	Title
Ms. Sanjana Rangan Museologist Independent Scholar, Bangalore	" Museum- a space of Joy and Learning "

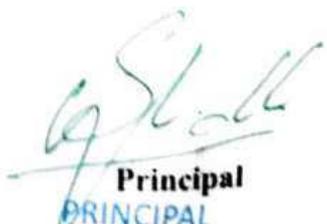
### **Objectives:**

1. To introduce Students to Museums as an institution
2. To introduce the concept of Museology as a discipline
3. To enable students understand the various facets of Museums and how museums contribute to the development of society.

### **Outcomes:**

1. To have awareness about the fundamentals of a museum as a space for learning.
2. Students would have developed a vision towards having a probable career in the field of Museology.
3. To understand the importance of Museums and their contribution to the development of the society.

  
HOD  
HEAD OF THE DEPARTMENT  
Department of Humanities  
INDIAN ACADEMY DEGREE COLLEGE  
Autonomous  
Hennur Main Road, Bangalore - 560043

  
Principal  
PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43

# INDIAN ACADEMY

Degree College - Autonomous

## DEPARTMENT OF HISTORY

### Guest Lecture

1. **Title of the Event:** Guest Lecture

2. **Place:** Seminar Hall II, IADCA

3. **Date:** 02.06.2022.

4. **Time:** 12:00 pm to 1:00 pm.

5. **Name of the Resource Person:** Ms. Sanjana Rangan  
Museologist  
Independent Scholar, Bangalore

6. **Broad Aim of the Event:**

➤ To introduce the students to the basic principles of Museology as a discipline.

7. **Objectives (at least 3):**

1. To introduce Students to Museums as an institution
2. To introduce the concept of Museology as a discipline
3. To enable students understand the various facets of Museums and how museums contribute to the development of society.

8. **Outcomes (at least 3):**

1. To have awareness about the fundamentals of a museum as a space for learning.
2. Students would have developed a vision towards having a probable career in the field of Museology.
3. To understand the importance of Museums and their contribution to the development of the society.

9. **Brief details about the event:**

The Guest Lecture titled “MUSEUMS- A SPACE OF JOY AND LEARNING” was held in Seminar Hall II of IADCA on 2<sup>nd</sup> June 2022 at 12.30 pm. The event entailed Ms. Sanjana

Rangan, an Independent Scholar and Museologist, interacting with students of BA HEP (II/IV/VI sem) about the basics of the discipline of Museology and helped students to interact with a professional from the field. Ms. Rangan spoke about the types of Museums, what are the various methods through which a museum studies various artefacts that are acquired by them and how is the acquisition of museum objects are done.

The students were made asked to categorise the various day to day materials they use in smaller categories, which was used by Ms. Rangan to explain how Museums categorise objects according to their themes and their educational objectives. She also reflected on how visitors behaviours impact the workings of a Museum an the general hierarchy of the Museum authorities. At the end of the session, Ms Rangan spoke about the various career opportunities that are available for students who wish to take up Cultural and Heritage Studies.

#### **10. Feedback details (if any)**

- Got to know about the new topic.
- Interesting topic to get more informative

# INDIAN ACADEMY

Degree College - Autonomous

## DEPARTMENT OF HISTORY

### Guest Lecture

### “MUSEUM - A SPACE OF JOY AND LEARNING”

02-06-22





1. Ms Riddhee Joshi

Assistant Professor

Department of History



2. Ms. Deepa. S

HEAD OF THE DEPARTMENT  
Head Department of Humanities

INDIAN ACADEMY DEGREE COLLEGE  
Autonomous

Heennur Main Road, Bangalore - 560042

3. Dr. Srinidhi K Parthasaradhi



Principal

INDIAN ACADEMY DEGREE COLLEGE

AUTONOMOUS

HEENUR MAIN ROAD, KATYAN NAGAR

BANGALORE-560042, KARNATAKA

BANGALORE-560042, KARNATAKA



# Sanjana Rangan

Museologist

Independent Scholar, Bangalore

Sanjana Rangan is a museum consultant working across Karnataka's museums. She has completed her Masters in Museology from the National Museum Institute in New Delhi. During her tenure at the Robert Bruce Foote Sanganakallu Archaeological Museum (RBFSAAM) in Ballari, Karnataka, she developed educational content for student visitors that synthesize the field setting of the archaeological site of Sanganakallu and the collections housed at the museum. Working with museums, students and teachers, her strengths lie in facilitating dialogues at the museum between people, spaces and times. She is presently associated with the S L Bhatia History of Medicine Museum and the Archaeological Museum at Hampi amongst others.

# INDIAN ACADEMY

Degree College - Autonomous

## GUEST LECTURES

- Speaker : MS. SANJANA RANGAN
- Designation : MUSEOLOGIST, INDEPENDENT SCHOLAR, B'LORE
- Topics : "MUSEUM A SPACE OF JOY AND LEARNING"
- Nature of Audience : B.A. Students.
- Date & Time : 2.6.2022 . 12:00pm to 1:30 pm.
- Views of the Speaker : Very enthusiastic students. Looking forward to more interactions with them.

SM:

Signature of the guest

### Views of the beneficiaries

It was very excellent and the session was full of interaction.

### Remarks

# INDIAN ACADEMY

Degree College - Autonomous

DEPARTMENT OF HISTORY

ORGANIZE

GUEST LECTURE

ON

“MUSEUMS- A SPACE OF JOY AND LEARNING”

Date: 02 JUNE 2022

Class: BA HEP/ HIECS/HIPS (II, IV, VI SEM)

SL.N O	Register No	Name of the Students	Remarks
1	21IABOA001	FALAK FATHIMA	Falak Fathima
2	21IABOA002	GUHAN.S	Guhan.S
3	21IABOA003	K A ARBAZ ALI KHAN	K A Arbaz Ali Khan
4	21IABOA004	MEHTAB A	Mehtab A
5	21IABOA005	MURLI S	Absent
6	21IABOA006	NIKITHA MICHAEL	Absent
7	21IABOA007	NITHIN RAJ KUMAR	Nithin Raj Kumar
8	21IABOA008	RAKSHITHA S P	Rakshitha S.P
9	21IABOA009	S BIKRAM	S. Bikram
10	21IABOA010	SHARON KEZIAH L	Absent
11	21IABOA011	V SAI KEERTHI	V Sai Keerthi
12	21IABOA012	ASHA	Asha
13	21IABOA013	AYUSH TIWARI	Absent
14	21IABOA014	MOHAMMED IZHAN S S	Absent
15	21IABOA015	MONIKA H	Monika
16	21IABOA016	PARVEEN TAJ A	Parveen
17	21IABOA017	RAJA JUNAID JAVID	Raja
18	21IABOA018	RENUKA	Absent
19	21IABOA019	SANJANA P	Sanjana
20	21IABOA020	TENZIN LHAKPA	Tenzin
21	21IABOA021	U NITHISH KUMAR	U Nithish Kumar
22	20IABOA001	APARNA SAHU	Aparna
23	20IABOA002	DANISTHA TAHNIN	Danistha
24	20IABOA003	MOHD YAHYA	Mohd Yahya
25	20IABOA004	MUJEERULLA KHAN	Mujeerulla

26	20IABOA005	NAMDI CHUILO	Namdi
27	20IABOA006	P ISAAC THANGZOM ZOU	<i>[Signature]</i>
28	20IABOA007	SURAJ S	Absent
29	20IABOA008	THANGCHUNGNUNG HAOKIP	Absent
30	20IABOA009	THARUN KUMAR S	<i>[Signature]</i>
31	19IABOA001	AMULYA NETHAJI	<i>[Signature]</i>
32	19IABOA002	CHANDAN R	<i>[Signature]</i>
33	19IABOA003	DAVID LALRINGUM	David Lalringum
34	19IABOA004	FAITH LALIA LAWRENCE	Faith
35	19IABOA005	GOKUL RAJ N	Absent
36	19IABOA006	JAI SHRUTHI S	Absent
37	19IABOA007	KEETHANA T T	Absent
38	19IABOA008	KSHETRIMAYUM HEROJIT SINGH	Herojit
39	19IABOA009	LAITONJAM WANGLÉN M	Wanglen
40	19IABOA010	MHD. MUDASSIR NADEEM	Absent
41	19IABOA011	MONISH GOWDA	Absent
42	19IABOA012	MUBARAK J J SALMOUN	Absent
43	19IABOA013	NKIUKAMBOU WIJUNAMAI	Absent
44	19IABOA014	SAMIYA SAHANA	<i>[Signature]</i>
45	19IABOA015	SUTHARI SAI ABHINAV	<i>[Signature]</i>

*[Signature]*  
Faculty In-charge

*[Signature]*  
Head of Department  
HEAD OF THE DEPARTMENT  
Department of Humanities  
INDIAN ACADEMY DEGREE COLLEGE  
Autonomous  
Hennur Main Road, Bangalore-560043

# INDIAN ACADEMY

Degree College - Autonomous

BA/2021-22/001

Date: 31.05.2022

## CIRCULAR

Department of History is organizing a guest lecture for all the B.A History students on **02<sup>nd</sup> June, 2022** from 12 pm to 1 pm. All the students and faculty are invited for the Guest Lecture in Seminar hall-II.

Resource person	Title
Ms. Sanjana Rangan Museologist Independent Scholar, Bangalore	" Museum- a space of Joy and Learning "

### **Objectives:**

1. To introduce Students to Museums as an institution
2. To introduce the concept of Museology as a discipline
3. To enable students understand the various facets of Museums and how museums contribute to the development of society.

### **Outcomes:**

1. To have awareness about the fundamentals of a museum as a space for learning.
2. Students would have developed a vision towards having a probable career in the field of Museology.
3. To understand the importance of Museums and their contribution to the development of the society.

  
HEAD OF THE DEPARTMENT  
Department of Humanities  
INDIAN ACADEMY DEGREE COLLEGE  
Autonomous  
Hennur Main Road, Bangalore - 560043

  
Principal  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43

# INDIAN ACADEMY

Degree College - Autonomous

## DEPARTMENT OF HISTORY

### Guest Lecture

1. **Title of the Event:** Guest Lecture

2. **Place:** Seminar Hall II, IADCA

3. **Date:** 02.06.2022.

4. **Time:** 12:00 pm to 1:00 pm.

5. **Name of the Resource Person:** Ms. Sanjana Rangan  
Museologist  
Independent Scholar, Bangalore

6. **Broad Aim of the Event:**

- To introduce the students to the basic principles of Museology as a discipline.

7. **Objectives (at least 3):**

1. To introduce Students to Museums as an institution
2. To introduce the concept of Museology as a discipline
3. To enable students understand the various facets of Museums and how museums contribute to the development of society.

8. **Outcomes (at least 3):**

1. To have awareness about the fundamentals of a museum as a space for learning.
2. Students would have developed a vision towards having a probable career in the field of Museology.
3. To understand the importance of Museums and their contribution to the development of the society.

9. **Brief details about the event:**

The Guest Lecture titled **"MUSEUMS- A SPACE OF JOY AND LEARNING"** was held in Seminar Hall II of IADCA on 2<sup>nd</sup> June 2022 at 12.30 pm. The event entailed Ms. Sanjana

Rangan, an Independent Scholar and Museologist, interacting with students of BA HEP (II/IV/VI sem) about the basics of the discipline of Museology and helped students to interact with a professional from the field. Ms. Rangan spoke about the types of Museums, what are the various methods through which a museum studies various artefacts that are acquired by them and how is the acquisition of museum objects are done.

The students were made asked to categorise the various day to day materials they use in smaller categories, which was used by Ms. Rangan to explain how Museums categorise objects according to their themes and their educational objectives. She also reflected on how visitors behaviours impact the workings of a Museum an the general hierarchy of the Museum authorities. At the end of the session, Ms Rangan spoke about the various career opportunities that are available for students who wish to take up Cultural and Heritage Studies.

#### **10. Feedback details (if any)**

- Got to know abut the new topic.
- Interesting topic to get more informative

# INDIAN ACADEMY

Degree College - Autonomous

DEPARTMENT OF HISTORY

Guest Lecture

“MUSEUM - A SPACE OF JOY AND LEARNING”

02-06-22





1. Ms Riddhee Joshi

Assistant Professor

Department of History



2. Ms. Deepa. S

HEAD OF THE DEPARTMENT  
Department of Humanities

INDIAN ACADEMY DEGREE COLLEGE  
Autonomous

54, Hennur Main Road, Bangalore-560043

3. Dr. Srinidhi K. Parthasaradhi



Principal

INDIAN ACADEMY DEGREE COLLEGE  
Autonomous  
54, Hennur Main Road, Kalyan Nagar  
Bangalore-560043, Karnataka



# Sanjana Rangan

Museologist

Independent Scholar, Bangalore

Sanjana Rangan is a museum consultant working across Karnataka's museums. She has completed her Masters in Museology from the National Museum Institute in New Delhi. During her tenure at the Robert Bruce Foote Sanganakallu Archaeological Museum (RBFSAM) in Ballari, Karnataka, she developed educational content for student visitors that synthesize the field setting of the archaeological site of Sanganakallu and the collections housed at the museum. Working with museums, students and teachers, her strengths lie in facilitating dialogues at the museum between people, spaces and times. She is presently associated with the S L Bhatia History of Medicine Museum and the Archaeological Museum at Hampi amongst others.

# INDIAN ACADEMY

Degree College - Autonomous

## GUEST LECTURES

Speaker : MS. SANJANA RANGAN  
Designation : MUSEOLOGIST, INDEPENDENT SCHOLAR, B'LORE  
Topics : " MUSEUM A SPACE OF JOY AND LEARNING "  
Nature of Audience : B. A. Students.  
Date & Time : 2.6.2022 . 12:00pm to 1:30 pm.  
Views of the Speaker : Very enthusiastic students. Looking forward to more interaction with them.

*SM:*

Signature of the guest

### Views of the beneficiaries

*It was very excellent and the session was full of interaction.*

Remarks

# INDIAN ACADEMY

Degree College - Autonomous

DEPARTMENT OF HISTORY  
ORGANIZE  
GUEST LECTURE  
ON  
"MUSEUMS- A SPACE OF JOY AND LEARNING"

Date: 02 JUNE 2022

Class: BA HEP/ HIECS/HIPS (II, IV, VI SEM)

SL.N O	Register No	Name of the Students	Remarks
1	21IABOA001	FALAK FATHIMA	<del>Falak Fathima</del>
2	21IABOA002	GUHAN.S	Guhan.S
3	21IABOA003	K A ARBAZ ALI KHAN	A.K.A
4	21IABOA004	MEHTAB A	Mehtab A
5	21IABOA005	MURLI S	Absent
6	21IABOA006	NIKITHA MICHAEL	Absent
7	21IABOA007	NITHIN RAJ KUMAR	Nithin Raj Kumar
8	21IABOA008	RAKSHITHA S P	Rakshitha S.P
9	21IABOA009	S BIKRAM	S. Bikram
10	21IABOA010	SHARON KEZIAH L	Absent
11	21IABOA011	V SAI KEERTHI	Keerthi
12	21IABOA012	ASHA	Asha
13	21IABOA013	AYUSH TIWARI	Absent
14	21IABOA014	MOHAMMED IZHAN S S	Absent
15	21IABOA015	MONIKA H	Monika
16	21IABOA016	PARVEEN TAJ A	Parveen
17	21IABOA017	RAJA JUNAID JAVID	Raja
18	21IABOA018	RENUKA	Absent
19	21IABOA019	SANJANA P	Sanjana
20	21IABOA020	TENZIN LHAKPA	Tenzin
21	21IABOA021	U NITHISH KUMAR	U Nithish Kumar
22	20IABOA001	APARNA SAHU	Aparna
23	20IABOA002	DANISTHA TAHNIN	Danistha
24	20IABOA003	MOHD YAHYA	Mohd Yahya
25	20IABOA004	MUJEERULLA KHAN	Mujeerulla Khan

26	20IABOA005	NAMDI CHUILO	Namdi
27	20IABOA006	P ISAAC THANGZOM ZOU	<i>[Signature]</i>
28	20IABOA007	SURAJ S	Absent
29	20IABOA008	THANGCHUNGNUNG HAOKIP	Absent
30	20IABOA009	THARUN KUMAR S	<i>[Signature]</i>
31	19IABOA001	AMULYA NETHAJI	<i>[Signature]</i>
32	19IABOA002	CHANDAN R	<i>[Signature]</i>
33	19IABOA003	DAVID LALRINGUM	David Lalringum
34	19IABOA004	FAITH LALIA LAWRENCE	Faith
35	19IABOA005	GOKUL RAJ N	Absent
36	19IABOA006	JAI SHRUTHI S	Absent
37	19IABOA007	KEETHANA T T	Absent
38	19IABOA008	KSHETRIMAYUM HEROJIT SINGH	Herojit
39	19IABOA009	LAITONJAM WANGLEN M	Wanglen
40	19IABOA010	MHD. MUDASSIR NADEEM	Absent
41	19IABOA011	MONISH GOWDA	Absent
42	19IABOA012	MUBARAK J J SALMOUN	Absent
43	19IABOA013	NKIUKAMBOU WIJUNAMAI	Absent
44	19IABOA014	SAMIYA SAHANA	<i>[Signature]</i>
45	19IABOA015	SUTHARI SAI ABHINAV	<i>[Signature]</i>



Faculty In-charge



Head of Department  
 HEAD OF THE DEPARTMENT  
 Department of Humanities  
 INDIAN ACADEMY DEGREE COLLEGE  
 Autonomous  
 Hennur Main Road, Bangalore-560043

# INDIAN ACADEMY

Degree College - Autonomous

Hennur Cross, Hennur Main Road Kalyan Nagar Post  
Bangalore-560043

Library and Information Centre

www.iadc.ac.in mail - [library@indianacademy.edu.in](mailto:library@indianacademy.edu.in)

Date: 20 Feb 2023

To,  
Principal  
IADC-A  
Bangalore-560043

Respected Sir

Sub: Seeking Permission to Conduct Workshop for PG First semester Students.

With reference to the above mentioned subject we are seeking your permission to conduct workshop for PG first semester students on the online resources and services from 24<sup>th</sup> Feb 2023 to 4<sup>th</sup> March 2023. In order to conduct the workshop, we required BCA Lab for the Technical Session Kindly permit us to use the Lab at the time of workshop.

The participants will receive an online certificate.

Thanking You

*Saeetha. M*  
Chief Librarian

**CHIEF LIBRARIAN**  
Dept. of Library & Information Centre  
INDIAN ACADEMY GROUP OF INSTITUTIONS  
Hennur Cross, Hennur Main Road,  
Kalyan Nagar, Bangalore - 560 043



*[Signature]*  
Principal

**PRINCIPAL**  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43

# INDIAN ACADEMY

## Degree College - Autonomous

Hennur Cross, Hennur Main Road Kalyan Nagar Post  
Bangalore-560043

Library and Information Centre

www.iadc.ac.in mail - [library@indianacademy.edu.in](mailto:library@indianacademy.edu.in)

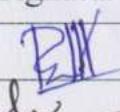
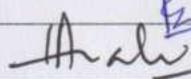
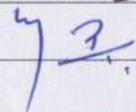
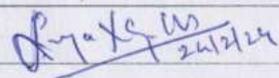
CIR/IADC-A-LIB\2022- 23

Date: 20 Feb 2023

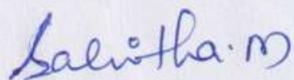
To,  
Heads of the Department  
IADC-A  
Bangalore-560043

Respected Sir/Madam,

The IADC-A Library and Information Center intends to host a workshop for PG first semester students on the online resources and services from 24<sup>th</sup> Feb 2023 to 4<sup>th</sup> March 2023. In order to conduct the Workshop, Hereby we are requesting you to complete and provide the information below.

Sl No	Department	Date	Timing	HOD Signature
01	Biotechnology	27-02-2023	10:15-11:10	
02	Biochemistry	28-02-2023	12:15-1:10	
03	Chemistry	04-03-2023	12:15-1:10	
04	Computer Science	02.3.2023	2:15-3:00	
05	PG Commerce	24/02/2023	11:15 to 12:15	
06	Genetics	06/03/2023	12:15 to 1:15	
07	Microbiology	07/03/2023	12:15 to 1:15pm	

Thanking You for Your Kind Cooperation.

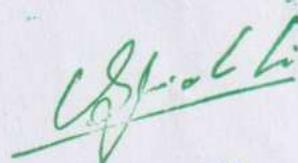


Chief Librarian

**CHIEF LIBRARIAN**

Dept. of Library & Information Centre  
INDIAN ACADEMY GROUP OF INSTITUTIONS





PRINCIPAL

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS

HENNUR MAIN ROAD, KALYAN NAGAR  
BANGALORE-560043, KARNATAKA

# INDIAN ACADEMY

Degree College - Autonomous

## LIBRARY AND INFORMATION CENTRE

[www.iadc.ac.in](http://www.iadc.ac.in) mail - [library@indianacademy.edu.in](mailto:library@indianacademy.edu.in)

---

Date: 15.03.2023

### **Report on the Conducted workshop on Online Resources and Services for PG Students- 2023**

This is a report on the workshop conducted by the Department of Library and Information Centre. The workshop was conducted from 24<sup>th</sup> Feb to March 10<sup>th</sup> 2023 for PG First year Students.

The library and information centre recently conducted a workshop on online resources and facilities available for library users. The workshop was aimed at informing users about the latest digital technologies and tools available for accessing information and research. It was also intended to teach users how to navigate the library's online resources effectively and improve their research skills. The workshop was attended by a PG first years of students. The workshop was conducted by librarians who have extensive knowledge in digital resources and online facilities. They demonstrated various tools and resources available online and how to use them to access relevant information.

The workshop covered a variety of topics, including research databases, online journals, e-books, and digital archives. This was supplemented with practical examples that demonstrated how these resources can be used to conduct research more effectively. Participants were also given tips on how to evaluate online resources and the importance of avoiding unreliable sources.

The workshop also demonstrated the library's user-friendly online search platform that enables users to search for resources and services from anywhere at any time. Participants were taught how to use this platform to conduct effective research and how to access additional information services provided by the library.

In summary, the workshop was a resounding success, and participants left with a deeper understanding of digital resources and facilities available in the library. They were equipped with new research skills and encouraged to make the most of the new technologies to enhance their research and improve their overall learning experience.

The library and information centre plans to organize more workshops and training programs to ensure users stay up-to-date with the latest resources and facilities available. Each participant received an electronic certificate.

*Saeetha M*  
Chief Librarian

**CHIEF LIBRARIAN**

Dept. of Library & Information Centre  
INDIAN ACADEMY GROUP OF INSTITUTIONS  
Hennur Cross, Hennur Main Road,  
Kalyan Nagar, Bangalore - 560 043



*Saeetha M*  
Principal  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 560 043

# INDIAN ACADEMY

Degree College - Autonomous

Dept of. Library and Information Centre

## *A Workshop on Usage of Online Resources and Services*

*From 24th Feb - March 10th*



**BCA LAB**

## Table of Contents

- 1. DELNET**
- 2. INFLIBNET**
- 3. J-GATE**
- 4. NDL**
- 5. NPTEL**
- 6. e-PGPATHSHALA**
- 7. SWAYAM**

A WORKSHOP ON USAGE OF ONLINE RESOURCES & SERVICES - DATE - 25-2-2023.

SL. NO.	NAME OF THE STUDENT	CLASS	SIGNATURE
1.	ANJALI CHAND.B [21IAM0001]	3 <sup>rd</sup> Sem MFA	<u>Shyali</u>
2.	SONIVA R.B [21IAM0007]	3 <sup>rd</sup> Sem MFA	<u>Soniya</u>
3.	PRATHIBA . D [21IAM0004]	3 <sup>rd</sup> Sem MFA	<u>Prathiba D</u>
4.	PREETHI <del>SANDEEP</del> <sup>N</sup> [21IAM0005]	3 <sup>rd</sup> SEM MFA	<u>Preethi N</u>
5.	MESHANA . R [21IAM0003]	3 <sup>rd</sup> sem MFA	<u>Meshaan R</u>
6.	SINDHU . N.B [21IAM0006]	3 <sup>rd</sup> sem MFA	<u>Sindhu N.B</u>
7.	KRITHIKA . R [21IAM0002]	3 <sup>rd</sup> Sem MFA	<u>Krithika R</u>

Saetham

CHIEF LIBRARIAN

Dept. of Library & Information Centre  
Indian Academy Degree College Autonomous  
Hennur Cross, Hennur Main Road  
Kalyan Nagar, Bangalore - 560 043



U. S. Li

PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD, KALYAN NAGAR  
BANGALORE-560043, KARNATAKA

Dr. M. DEVENORA  
CHIEF LIBRARIAN  
E.O.S. 411, T.M. (Hennur)  
Indian Academy Degree College  
Autonomous  
Hennur Cross, Kalyan Nagar  
Bangalore - 560 043

25/2/2023

No	Name of the Student	class	Signature
1.	Sangeetha	M.COM(FA)	Sangeetha
2.	Angel Reena.s	M.com(FA)	Angel.
3.	Sumaiya kousar.g	M.com (FA)	Sumaiya
4.	Sabiha Fathima	M.com (F.A)	Sabiha
5	Nirosha.s	M.com(F.A)	Nirosha

Sangeetha M

CHIEF LIBRARIAN

Dept. of Library & Information Centre  
Indian Academy Degree College Autonomous  
Hennur Cross, Hennur Main Road  
Kalyan Nagar, Bangalore - 560 043



Principal

PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD, KALYAN NAGAR  
BANGALORE-560043, KARNATAKA

27/2/23

NO	Name of the Student	Class	Signature
1)	Lakshmi C.K	I Msc Bt	
2)	Nithya.K.R	I Msc Bt	
3)	Vijayalakshmi.B.L	I Msc Bt	
4)	Lakshmi Priya.S	I Msc Bt	
5.	Sangeetha.S	I Msc Bt	
6.	Chaitra shree M.N	I Msc Bt	
7.	Pallavi.N	I Msc Bt	
8.	Sweta	I Msc Bt	
9.	Surya.S	I Msc Bt	
10	Rachel.V	I Msc Bt	
11.	Gagan.M.S.Gowda	I Msc Bt	
12	NITHIN KUMAR CV	I Msc Bt	
13.	GAYEETHRI.H.N	I Msc Bt	
14.	Tejawini.Hegde.	I Msc Bt	
15	HemaPradu.C	I Msc Bt	

Saeetham

CHIEF LIBRARIAN

Dept. of Library & Information Centre  
 Indian Academy Degree College Autonomous  
 Hennur Cross, Hennur Main Road  
 Kalyan Nagar, Bangalore - 560 043



PRINCIPAL  
 INDIAN ACADEMY DEGREE COLLEGE  
 AUTONOMOUS  
 HENNUR MAIN ROAD, KALYAN NAGAR  
 BANGALORE-560043, KARNATAKA

L. NO	Name of the Student	Class	Signature.
29	Navya. CM	I MSc BT	<u>Navya</u> CM
30	Gowtham SS	I MSc BT	Gowtham SS.
31	Jonna kutti Bhanu sagar	I MSc BT	J. Bhanu
32	Chethan L	I MSc BT	<u>Chethan</u> L
33	Kiran kumar. B.P	I MSc BT	<u>Kiran</u>
34	SOUVIK BHUNIA	I MSc BT	<u>Souvik</u>
35	CHIRANTH JAIN P	I MSc BT	Chiranth Jain P

Saevitha M  
**CHIEF LIBRARIAN**  
 Dept. of Library & Information Centre  
 Indian Academy Degree College Autonomous  
 Hennur Cross, Hennur Main Road  
 Kalyan Nagar, Bangalore - 560 043



Chiranth Jain P  
**PRINCIPAL**  
 INDIAN ACADEMY DEGREE COLLEGE  
 AUTONOMOUS  
 HENUR MAIN ROAD, KALYAN NAGAR  
 BANGALORE-560043, KARNATAKA

No	Name of the Student	Class	Signature
16	MAHENDRA.M	1 <sup>st</sup> MSc BT	
17	BHAVYA C	1 <sup>st</sup> MSc BT	
18	LIKHITHA L	1 <sup>st</sup> MSc BT	
19	KAVYA.M	1 <sup>st</sup> MSc BT	
20	KUSUMA.A.B	I MSc BT	
21	SOUNDARYA MORE	I MSc-BT	
22	KAVYA SHREE.N	I MSc-BT	
23	GOVARDHINI.K	I MSc - BT	
24	SUPARNA BISWAS	I MSc-BT	
25	Inchara.R	I MSc BT	
26	Keethana.J.M	I MSc BT	
27	Sueha Manna	I M.sc.BT	
28	BHAVAN.KUMAR.A	I msc BT	

**CHIEF LIBRARIAN**  
 Dept. of Library & Information Centre  
 Indian Academy Degree College Autonomous  
 Hennur Cross, Hennur Main Road  
 Kalyan Nagar, Bangalore - 560 043



**PRINCIPAL**  
 INDIAN ACADEMY DEGREE COLLEGE  
 AUTONOMOUS  
 HENNUR MAIN ROAD, KALYAN NAGAR  
 BANGALORE-560043, KARNATAKA

Name

Department

Sign.

① AISHWARYA GOPINARENDRA  
PATHAK

MSc. Microbiology

Aparale

② JOSHUA S. R

Msc Microbiology

③ ABHILASA BHATTACHARYA

MSc Microbiology

Abhi

④ MOHAMMAD MANSOOR  
ZARIAN

MSc Microbiology

Mansoor

⑤ KEVIN SABU

MSc Microbiology

Kevin

⑥ SUDARSAN SARKAR

M.Sc Microbiology

~~Sudarsan S~~

⑦ NIYATHI.V

MSc - Microbiology

Niyathi

⑧ Pruthvi Raj.R

MSc. Microbiology

R. Pruthvi Raj

⑨ GOWTHAM. G.V.

Msc. Microbiology

Gowtham G.V.

⑩ RESHMA R.N

Msc. Microbiology

Reshma

⑪ MARIA PREETHI

MSc. MICROBIOLOGY

Preethi

⑫ Harshitha N.R

M.Sc Microbiology

Harshitha N.R

⑬ DEEVEN KUMAR BN

M.Sc microbiology

Deevenkumar BN

⑭ CHANDAN.P

M.Sc Microbiology

Chandan

⑮ R.R. VIJAY KUMAR

M.S.C Microbiology

R.R. Vijay

⑯ Padmahee.A

M.S.C Microbiology

Padmahee

⑰ Abhishek G. ZARIAN

M.S.C Microbiology

Abhishek G. Zarian

Dept. of Library & Information Centre  
Indian Academy Degree College Autonomous  
Kalyan Nagar, Bangalore - 560 043



PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD, KALYAN NAGAR  
BANGALORE-560043, KARNATAKA

- 19. Binchana. S Msc. Microbiology
- 20. Sparsha. B.D Msc. Mb
- 21. Nikhil. I-A Msc. Mb
- 22. Liketh Msc. Mb
- 23. Nithin. S Msc. Mb
- 24. Grace peniel A Raju MSC. Mb
- 25. Ami Baldairiya Msc. Mb
- 26. Neeraj Krishna Msc Mb
- 27. Faizan Msc. Mb.
- 28. Liya Bhunia Msc. Mb.

Sul. S

Sparsha

Nikhil

Liketh

Nithin

Grace

Ami

Neeraj

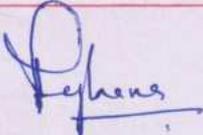
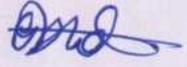
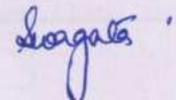
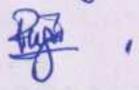
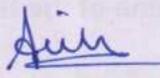
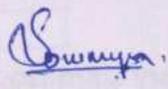
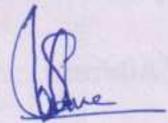
Faizan

Bhunia

Liya

A WORKSHOP ON USAGE OF ONLINE RESOURCES & SERVICES

Dept. of Genetics

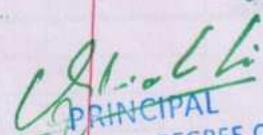
SLNO	STUDENT NAME	OFFICIAL MAIL ID (COLLEGE)	SIGNATURE
1.	KUMEGHANA	meghana.211amos005@iadc.ac.in	
2.	GOVIND. V. BHAT	govind.211amos003@iadc.ac.in	
3.	SWAGATA BHATTACHARJEE	swagata.211amos008@iadc.ac.in	
4.	PUJA PRASAD	puja.211amos006@iadc.ac.in	
5.	AISHWARVA.H	AISHWARVA.211AMOS001@IADC.AC.IN	
6.	Ayantika Santra	AYANTIKA.211AMOS002 @ IADC.AC.IN	
7.	J Sowmya	sowmya.211amos004@iadc.ac.in	
8.	Shiva Kumar K.S	shivakumar.211amos007@iadc.ac.in	

Saritha M

CHIEF LIBRARIAN

Dept. of Library & Information Centre  
Indian Academy Degree College, Autonomous  
Hennur Cross, Hennur Road  
Kalyan Nagar, Bangalore - 560 043



  
PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD, KALYAN NAGAR  
BANGALORE-560043, KARNATAKA

# A WORKSHOP ON USAGE OF ONLINE RESOURCES & SERVICES.

02/03/2023.

SL.NO.	NAME OF THE STUDENT	DEPARTMENT CLASS	SIGNATURE
1.)	Sahera Jazeen sahera.22iamos123@iadc.ac.in	MSc (Data Science)	Sahera Jazeen
2.)	Rifath. F rifath.22iamos122@iadc.ac.in	MSc (Data Science)	Rifath. F
3.)	Anya s kumar anya.22iamos199@iadc.ac.in	MSc (Data Science)	Anya
4.)	M. Sai Santhosh Nikhil maddipati.22iamos120@iadc.ac.in	MSc (Data Science)	m. S. S. nt
5.)	Soumiya. A soumiya.22iamos125@iadc.ac.in	MSc (DS)	Soumiya
6.)	Chethana. L lchethana102@gmail.com	MSc (DS)	Chethana
7.)	MALOCK MBANG VINCENT DE PAUL Vincent.22iamos159@iadc.ac.in	MSc (DS)	Malock
8	Kiran Kumar Kiran.22iamos158@iadc.ac.in	MSc (DS)	Kiran Kumar
9)	Aftab Khan Aftab.22iamos157@iadc.ac.in	MSc (DS)	Aftab
10)	Shwetha. M	MSc (DS)	Shwetha



*[Signature]*  
PRINCIPAL

# INDIAN ACADEMY

## Degree College - Autonomous

M. Sc (Organic chemistry)  
2022-24

Sl.No.	Register Number	Student Name	Signature
1	22IAMOS068	ABHINAV A.P abhinav.22iamos068@iadc.ac.in	
2	22IAMOS069	ADARSHA BS adarsha.22iamos069@iadc.ac.in	
3	22IAMOS070	ANIL KUMAR V. anil.22iamos070@iadc.ac.in	
4	22IAMOS071	ANUSHA N Manusha . . 22iamos071@iadc.ac.in	
5	22IAMOS072	AYESHA FATHIMA. S ayesha.22iamos072@iadc.ac.in	
6	22IAMOS073	BANU PRAKASH H.L banu.22iamos073@iadc.ac.in	
7	22IAMOS074	BHANUPRAKASH R bhanuprakash.22iamos074@iadc.ac.in	
8	22IAMOS075	BHARGAVA LV bhargava.22iamos075@iadc.ac.in	
9	22IAMOS076	BHAVANI S bhavani.22iamos076@iadc.ac.in	
10	22IAMOS077	CHAITHANYA S K chaithanya.22iamos077@iadc.ac.in	
11	22IAMOS078	CHAITHRA GN chaithra.22iamos078@iadc.ac.in	
12	22IAMOS079	DARSHAN R	
13	22IAMOS080	GOWTHAMI GM	
14	22IAMOS081	HARSHITHA R harshitha.22iamos081@iadc.ac.in	
15	22IAMOS082	INDRA M indra.22iamos082@iadc.ac.in	
16	22IAMOS083	KRISHNA MARUTIRAO	
17	22IAMOS084	LIKITHKUMAR M U likithkumar.22iamos084@iadc.ac.in	
18	22IAMOS085	MADAN C S MADAN.22IAMOS085@iadc.ac.in	
19	22IAMOS086	MANJUNATHA S P Manjunatha. 22IAMOS086@iadc.ac.in	
20	22IAMOS087	MANOHARA S MANOHARA.22IAMOS087@iadc.ac.in	
21	22IAMOS088	MEGHAMALA C K	
22	22IAMOS089	MOHINI AISHWARYA U	
23	22IAMOS090	MURALI DB MURALI. 22IAMOS090@iadc.ac.in	



24	22IAMOS091	N PAVITHRA Pavithra.22iamos091@iadc.ac.in <i>Pavithra</i>
25	22IAMOS092	NANDHUSHREE H S
26	22IAMOS093	NANDINI M nandini.22iamos093@iadc.ac.in <i>Nandini.M</i>
27	22IAMOS094	NAVYA M navya.22iamos094@iadc.ac.in <i>navya.m</i>
28	22IAMOS095	NAVYASHREE C M NAVYASHREE.22IAMOS095@iadc.ac.in <i>Navyashree</i>
29	22IAMOS096	NAYANA K R nayana.22iamos096@iadc.ac.in <i>Nayana.K.R</i>
30	22IAMOS097	RASOOL PARVEZ M B rasool.22iamos097@iadc.ac.in <i>R.P</i>
31	22IAMOS098	ROHITH S rohith.22iamos098@iadc.ac.in <i>Rohith.S</i>
32	22IAMOS099	SALMANUL FARIS PATTANI THODU salmanul.22iamos099@iadc.ac.in <i>Salman</i>
33	22IAMOS100	SANDEEP RED sandeep.22iamos100@iadc.ac.in <i>Sandeep</i>
34	22IAMOS101	SANDHYA HD sandhya.22iamos101@iadc.ac.in <i>Sandhya</i>
35	22IAMOS102	SANIYA TABASUM saniya.22iamos102@iadc.ac.in <i>SaniyaTabasum</i>
36	22IAMOS103	SHAILESHKUMAR HS Shaileshkumar.22iamos103@iadc.ac.in <i>Shailesh</i>
37	22IAMOS104	SHALOM RACHEL Y shalom.22iamos104@iadc.ac.in <i>Shalom Rachel Y.</i>
38	22IAMOS105	SHAMA SULTHANA shama.22iamos105@iadc.ac.in <i>Shama Sulthana</i>
39	22IAMOS106	SHARATH KUMAR G E
40	22IAMOS107	SHASHANK T S shashank.22iamos107@iadc.ac.in <i>Shashank.T.</i>
41	22IAMOS108	SHRINATHA S shrinatha.22iamos108@gmail.com <i>Shrinatha.S</i>
42	22IAMOS109	SIMRAN- simran.22iamos109@iadc.ac.in <i>Simran.M.</i>
43	22IAMOS110	SINDHU S N sindhu.22iamos110@iadc.ac.in <i>Sindhu S.N</i>
44	22IAMOS111	SNEHA N sneha.22iamos111@iadc.ac.in <i>Sneha</i>
45	22IAMOS112	SRIKANTH RN SRIKANTH.22IAMOS112@iadc.ac.in <i>Srikanth</i>
46	22IAMOS113	SUDEEP KR sudeep.22iamos113@iadc.ac.in <i>Sudeep.K.R.</i>
47	22IAMOS114	SUPRITHA S SUPRITHA.22IAMOS114@iadc.ac.in <i>Supriya</i>
48	22IAMOS115	SUPRIYA R Supriya.22IAMOS115@iadc.ac.in <i>Supriya.R</i>
49	22IAMOS116	SUSHMITHA R L sushmitha.22iamos116@iadc.ac.in <i>Sushmitha</i>
50	22IAMOS117	VEDHA CR vedha.22iamos117@iadc.ac.in <i>Vedha C.R</i>
51	22IAMOS118	VISHNU BALAJI K vishnu.22iamos118@iadc.ac.in <i>Vishnu</i>

*Saaritha.M*  
CHIEF LIBRARIAN  
Dept. of Library & Information Science



*[Signature]*  
HOD Chemistry

Department of Chemistry  
I.A.D.C. and Centre For

# INDIAN ACADEMY

Degree College - Autonomous

Hennur Cross, Hennur Main Road Kalyan Nagar Post  
Bangalore-560043

Library and Information Centre

www.iadc.ac.in mail – [library@indianacademy.edu.in](mailto:library@indianacademy.edu.in)



*Saetham*  
CHIEF LIBRARIAN

PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE



*Sweet Home*



PRINCIPAL  
SRI SAI ACADEMY DEGREE COLLEGE

# INDIAN ACADEMY

Degree College - Autonomous

## CERTIFICATE OF APPRECIATION

THE FOLLOWING AWARD IS GIVEN TO

**Mr/Ms. Venkatesha C N**

Has successfully Participated A Workshop on Library Database & its Services  
on 24th Feb - March 10th Organized by Dept.of Library & Information Centre Bangalore-560043

*Saritha M*

Saritha M  
Chief Librarian



*Srinidhi K Parthasarathi*

Srinidhi K Parthasarathi  
Principal

✉ [library@indianacademy.edu.in](mailto:library@indianacademy.edu.in)

Dept of Library & Information Centre  
Indian Academy Degree College - Autonomous  
Hennur Cross, Hennur Main Road, Bengaluru - 560043



[www.iadc.ac.in](http://www.iadc.ac.in)

# INDIAN ACADEMY

## Degree College - Autonomous

### Department of Microbiology

### Institutional Visit to Agharkar Research Institute

**Date:** 16.12.2021

**Class:** III sem M.Sc., Microbiology students

#### **Objective:**

The objective of the institutional visit is to grasp knowledge in the area of bioenergy generation using anaerobic microorganisms and techniques involved.

#### **About the Institute:**

The Agharkar Research Institute, founded in 1946 as the Maharashtra Association for the Cultivation of Science Research Institute, was renamed in 1992 as the Agharkar Research Institute (ARI) in honour and memory of the Founder Director, the late Professor Dr. Shankar Purushottam Agharkar. The ARI is an autonomous research institution fully funded by the Department of science and Technology (DST) government of India, since 1966. It operates under the overall umbrella of the Maharashtra Association for the Cultivation of Science (MACS). The current research and development activities of ARI span across all areas of life sciences spread over six different themes, namely Biodiversity & Paleobiology, Bioenergy, Bioprospecting, Developmental Biology, Genetics & Plant Breeding, and Nano bioscience. The institute has a distinguished faculty, modern infrastructural facilities, well-equipped laboratories.

Anaerobic cellulolytic and methanogenic organisms from gobar gas plants were reported for the first time in India by the microbiology group of the Agharkar Research Institute. A specialized culture collection of anaerobic organisms was also established. The current research activities of the Bioenergy group are focused on "exploring and exploiting microorganisms for sustainable energy

### **About the Visit:**

The visit started with a brief introduction to the concept of anaerobic microbes, their isolation from different environments, and their significance in bioenergy production. Introduction also included the information about facility operations, pre-processing technologies, feedstock types and sources, biogas cleaning systems, biogas production/uses, and solid/liquid digestate uses. Dr. Vikram demonstrated the techniques involved in the preparation of anaerobic media and inoculation of anaerobic microbes in to sterilized media. In addition, Dr. Vikram also demonstrated the analysis of products produced by anaerobic metabolism using advanced instruments such as high-performance liquid chromatography, gas chromatography and mass spectroscopy and liquid chromatography.

### **Outcome:**

Students gained practical knowledge on the anaerobic preparation of media and the techniques involved in the cultivation of anaerobic microorganisms. Students also experienced the operation of Gas chromatography and High-Performance Liquid Chromatography.

**Dr. P. Malaiyarasa Pandiyan** 

**Dr. K. Sahithya** 

**Faculties In-Charge**

  
**Prof. P. Rajarajan**

**HoD**



M.Sc., Microbiology students in Agharkar Research Institute, Pune

# INDIAN ACADEMY

Degree College - Autonomous

## Department of Microbiology

### List of students

Class: III Sem M.Sc., Microbiology

Date: 16.12.2021 AN

Industry/Institute Name: Agharkar Research Institute, Pune

Staff In-charge: Dr. P. Malaiyarasa Pandiyan & Dr. Sahithya K

Sl. No.	Reg. No.	Student Name	Attendance
1	20IAMOS060	Anjana J	Present
2	20IAMOS061	Ankita Biswas	Present
3	20IAMOS062	Arshiya M E	Present
4	20IAMOS063	Asweshvaran R	Present
5	20IAMOS064	Ayesha G	Present
6	20IAMOS065	Bawanshisha Syiemlieh	Present
7	20IAMOS066	Bhanushree C	Present
8	20IAMOS067	Chaithanya M	Present
9	20IAMOS068	Deeksha P	Present
10	20IAMOS069	Devika P R	Present
11	20IAMOS070	Ekanayake Wasala Mudiyansele Amanda Kakusanda Ekanayake	Present
12	20IAMOS071	Harshitha C K	Present
13	20IAMOS072	Hemanathan D	Present
14	20IAMOS073	Javeeth J	Present
15	20IAMOS074	Katherin Sylvia R	Present
16	20IAMOS075	Koteshwari M	Present
17	20IAMOS076	Meghana M Pastey	Present
18	20IAMOS077	Monisha Iyappan	Present
19	20IAMOS078	N B Karthik	Present
20	20IAMOS079	Neha Gupta	Present
21	20IAMOS080	Prakash B	Present
22	20IAMOS081	Priyanshi	Present
23	20IAMOS082	Qurath Ul Ain	Present
24	20IAMOS083	Rabina Sait	Present
25	20IAMOS084	Sindhu R	Present
26	20IAMOS086	T Mercy Scorlet	Present
27	20IAMOS087	T Mouli	Present

**INDIAN ACADEMY**  
Degree College - Autonomous  
**DEPARTMENT OF MICROBIOLOGY**

**Industrial Visit**

**Place:** Criyagen Agri & Biotech Pvt. Ltd. Bengaluru

**Date:** 29.11.2022

**Time:** 9.15 – 2.00

**Name of the Resource Person:** Dr. Bathina Poornesha, Senior scientist.

**Aim of the Event:** To gain knowledge in biofertilizer & biopesticides production and its application.

**Objectives of Industrial visit:**

- To acquire the skill knowledge about the mass production of biofertilizer.
- To acquire the knowledge of biopesticides and physico chemical.
- To gain knowledge in the biological analysis of soil, water and plant extracts.

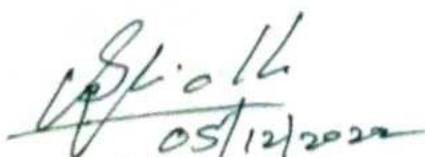
**Outcomes of Industrial visit:**

The students

- Understand the complete physico chemical analysis of soil, water and plant extracts.
- Understand the complete biological analysis of soil, water and plant extracts.
- Gain knowledge in the mass production of biochemical fertilizer, biofertilizer, Phosphate rich organic manure (PROM) and biocontrol agents.

**About the event:**

Criyagen Agri & Biotech Pvt.Ltd. is located at Doddaballapur – Nelamangala State Highway, Bengaluru is pioneer in developing innovative products for comprehensive crop production. It is one of the largest producer of Bio-chemical fertilizer, Biofertilizer, PROM and Bio control agents. Their products are suitable for all cropping conditions around the world to improve crop productivity and soil health. Their products tailored/designed to produce more crop yield per unit area while improving the eco system and bringing sustainability to agriculture. The patent and flagship bio-chemical product is sought after by farmers for enhanced crop productivity and soil-plant health. They are working towards enterprising new ideas and taking them to domestic and global markets.

  
05/12/2022  
PRINCIPAL

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD, KALYAN NAGAR  
BANGALORE-560043, KARNATAKA



  
Faculty Coordinator  
Dr. S. Anu Kiruthika

  
HOD  
Prof. P. Rajarajan  
Department of Microbiology  
Indian Academy Degree College  
Hennur Cross, Hennur Main Road  
Bangalore-560043

# INDIAN ACADEMY

Degree College - Autonomous

## Attendance of Industrial visit

Criyagen Agri & Biotech Pvt. Ltd. Bengaluru.

Date: 29.11.2022

Time: 9.15 - 2.00

S.No	Reg No	Students Name	Remarks
1	20IABSC025	ADITHI PRASAD	Absent
2	20IABSC026	ALAINA ARA	Present
3	20IABSC027	CHANDANA P V	Present
4	20IABSC028	DEEPTHI B	Present
5	20IABSC030	MANISHA SRI K	Present
6	20IABSC031	N S SHIVANI	Present
7	20IABSC032	NANCY	Present
8	20IABSC033	RANJITH KUMAR	Present
9	20IABSC034	SODH TECHI	Present
10	20IABSC037	HARI KEERTHANA	Present
11	20IABSC038	JEEVITHA G	Present
12	20IABSC039	K VANITHA	Present
13	20IABSC040	KALOMBO KAZADI MARDOCHEE	Present
14	20IABSC041	NIDA KHAN	Present
15	20IABSC042	NIKITHA V YADAV	Present
16	20IABSC043	RACHITHA K	Present
17	20IABSC044	RAHUL C	Present
18	20IABSC045	RUDRAKSHINI S	Present
19	20IABSC046	SHALINI V H	Present
20	20IABSC047	SHRAVANI	Present
21	20IABSC048	SYEDA ASMA TAJ	Present
22	20IABSC049	THANUSHA R	Present
23	20IABSC050	VANDANA S	Present

Faculty Coordinator  
Dr. S. Anu Kiruthika



HOD  
Prof. P. Rajarajan

Department of Microbiology,  
Indian Academy Degree College  
Hennur Cross, Hennur Main Road  
Bangalore-560043

PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43

# Photographs



*P. S. Pillai*  
 12/11/2022  
 PRINCIPAL  
 INDIAN ACADEMY DEGREE COLLEGE  
 AUTONOMOUS  
 HENNUR MAIN ROAD  
 BANGALORE - 43

*S. Anu*  
 Faculty Coordinator  
 Dr. S. Anu Kiruthika



*P. Rajarajan*  
 HOD

Prof. P. Rajarajan  
 Department of Microbiology  
 Indian Academy Degree College  
 Hennur Cross, Hennur Main Road  
 Bangalore-560043



# INDIAN ACADEMY

## Degree College - Autonomous

MB/2022-23/04

Date: 14.12.2022

### DEPARTMENT OF MICROBIOLOGY

#### Circular

This is to inform all the III & V Semester B.Sc., Microbiology students that the Department is organising Industrial visit to KOMUL, Kolar on 19<sup>th</sup> December, 2022.

#### **Objectives of the Visit:**

1. To enhance the students' knowledge on essential steps in dairy industry
2. To provide students with a chance to meet industry professionals and entrepreneurs, who share their wisdom, learning, and experiences
3. To pursue knowledge about the organized collection of milk and production of pasteurized milk and milk products, toned milk, full cream milk and ice - creams with different flavours

#### **Outcomes of the Visit:**

- The visit will be a true learning experience for students and to understand the expectations of the dairy industry and interact with highly trained and experienced personnel.
- The visit will provide overall exposure to the microbiological aspects in the dairy industry
- The visit will also help the students to experience milk collection, processing, packaging, and storage units in dairy industry.

Location: Kolar-Chikkaballapura Cooperative Milk Producers Societies Union Limited (KOMUL), Kolar Dairy Premises, NH 75, Huthur, Post, Kolar, Karnataka 563102

Time of the departure: 9.00 AM

Time of arrival: 4.30 PM



**HoD**

Head

Department of Microbiology  
Indian Academy Degree College  
Hennur Cross, Hennur Main Road  
Bangalore-560043



Principal  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD, KALYAN NAGAR  
BANGALORE-560043, KARNATAKA

# INDIAN ACADEMY

## Degree College - Autonomous

### DEPARTMENT OF MICROBIOLOGY

### INDUSTRIAL VISIT TO KOMUL DAIRY INDUSTRY

**DATE OF VISIT:** 19<sup>th</sup> December 2022.

#### **OBJECTIVE**

The objective of the visit is to acquire knowledge in the dairy processing unit and production of dairy products

#### **KOMUL DAIRY INDUSTRY**

Kolar-Chikkaballapura District Co-operative Milk Producers Union Ltd., (KOMUL) is Karnataka's second highest Milk Producing District organisation. It is a District level apex body of milk cooperatives in Karnataka, which aims to provide remunerative returns to the farmers by eliminating the middlemen and also serve the interest of consumers by providing quality Milk & milk products, which are good value for money.

The area of operation is restricted to Kolar and Chikkaballapura Districts having 2919 villages of 11 revenue Taluks

Once the Dist. was named as Land of Gold & Silk, is making inroads in Quality Milk Production. It is KOMUL first installed "Bulk Milk Coolers & Community Milking Machines" at Society level in the state of Karnataka to get the quality milk required for UHT milk packed at Kolar Dairy under the brand name of nandini 'Good-Life'. Presently Union has full pledged dairy at Kolar with an installed capacity of 2.0 LLPD, and three chilling centers at Chinthamani, Sadli, & Gowribidnur with 1.0 LLPD capacity each respectively. KOMUL started marketing of liquid milk in polythene sachets in entire Kolar District and parts of Bangalore City since 1994. The Mnemonic Symbol of NDDB was adopted by the Union from April' 2002 to market the liquid milk.

#### **STATUS**

Kolar-Chikkaballapura District Co-operative Milk Producers Union is registered under Co-operative Societies act after bifurcation from Bangalore District Co-operative Milk

Producers Union on 23/03/1987. The area of operation is restricted to Kolar and Chikkaballapur Districts having 2919 villages of 11 revenue Taluks.

Dairy plants are found all over the world, but because their sizes and the types of manufactured products vary tremendously, it is hard to give general characteristics. The dairy industry can be divided into several production sectors. Each division produces wastewater of a characteristic composition, depending on the kind of product that is produced (milk, cheese, butter, milk powder, condensate). Dairy plants process the raw milk they receive from farmers so as to extend its marketable life. Two main types of processes are employed: heat treatment to ensure the safety of milk for human consumption and to lengthen its shelf-life, and dehydrating dairy products such as butter, hard cheese and milk powders so that they can be stored. The dairy industry involves processing raw milk into products such as consumer milk, butter, cheese, yogurt, condensed milk and ice cream using processes such as chilling, pasteurization and homogenization.

Dairy processing plants is divided into two categories:

**Fluid milk processing** involving the pasteurization and processing of raw milk into liquid milk for direct consumption as well as cream, flavoured milk and fermented products such as buttermilk and yogurt.

**Industrial milk processing** involving the pasteurization and processing of raw milk into value added dairy products such as cheese and butter and other milk fats, milk powder and condensed milk, whey powder and other dairy ingredients and ice cream and other frozen dairy products.

#### **DAIRY PROCESSING ACTIVITIES:**

**Raw milk collection and storage:** The raw milk is collected from various areas and nearby villages daily. The first steps in preserving the quality of milk should be taken at the farm. To achieve the best quality milk at intake, milking conditions must be as hygienic as possible. The milk must be chilled to below +4°C immediately after milking and be kept at this temperature during transport to the dairy. Raw milk is collected and transported to the processing plant in stainless steel.

**Standardization:** Separation and Centrifugal separation and clarification is common in dairy processing to ensure further processing of standard products avoiding quality variations. Standardization of the dry matter for fat, protein and lactose content of the milk usually takes place in the production phase of most dairy products.

**MILK PRODUCTION:** Typical starter bacteria include *Lactococcus lactis* subsp. *lactis* or *cremoris*, *Streptococcus salivarius* subsp. *thermophilus*, *Lactobacillus delbrückii* subsp. *bulgaricus*, and *Lactobacillus helveticus*.

The initial process needs milk collection from the dairy livestock and after collection of milk it is transported to dairy plants, separations, clarification, homogenization, pasteurization and at the lastly pack the products for sell.

**Milk Tanks:** The milk tanks are the prime components in any milk processing plants that used to store raw milk, skimmed milk or cream. The pre-stack tanks, milk tanks, interim tank and mixing tanks are mainly used in processing plants to provide good quantity milk.

**Pasteurizers:** Pasteurization is the process of heat treatment of a product to reduce enzymatic activity and kill pathogenic bacteria. This process can be done by using pasteurizers The main purpose of pasteurization in dairy plants is to make the product safe for use and to extend product shelf life.

**Separators:** After pasteurizers, the separators come as third main equipment in milk plants that ensure the excellent products quality and high performance in milk skimming by preventing intake of destructive air.

**Homogenizers:** At last, the homogenizer helps to achieve the different variety of products, improves the texture, taste and viscosity of cream or juice-based drink and prevents a cream line and sedimentation in the milk products. It is essential to use homogenizers for set up effective and successful milk processing plants. The next milk plants procedure is that need to check all collected milk for transparency and quality. It is important to use separators that separate microbes and germs for milk consumption. It is also known as clarification process. After these steps, it is easy to collect whole milk in milk tanks for the packing and lastly packed in the packets and bottles. The final milk production process is the product packaging in the bottle, cartons and plastic bags. These packaging are useful for long life of products from the dairy to other different places.

#### **LEARNING FROM THE VISIT:**

The visit was very informative, and the entire working process of the industry was observed. The production of milk and other milk products were studied. The collection of milk, its processing, pasteurization, packaging and storage was observed and studied. The different storage environment with varying temperatures were seen and the cooling systems were observed. Other than the milk and milk products processing units the waste treatment plant of the industry was also observed. Anaerobic digester, aeration tank and oxidation ponds were observed in which the effluents of the industry were treated, and the water tanks and pipes were present to restore the less toxic effluents which can then be discharged. All this

techniques and learning helps us to better understand the milk and milk products processing and the effluent treatments which is helpful for various applications.



#### **OUTCOME OF THE VISIT**

II & III B.Sc., Microbiology students learned about the commercial production of milk and milk products and its quality control. In addition they learned the technical details of Milk Processing Unit.

**Faculty In - Charge**

**DR.P.MALAIYARASA PANDIAN**

**DR.SAHITHYA K.**

**HOD**

**PROF. P.RAJARAJAN**

For

**PRINCIPAL**  
**INDIAN ACADEMY DEGREE COLLEGE**  
**AUTONOMOUS**  
**HENNUR MAIN ROAD**  
**BANGALORE - 43**

# INDIAN ACADEMY

## Degree College - Autonomous

### DEPARTMENT OF MICROBIOLOGY

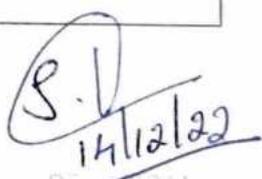
#### LIST OF STUDENTS FOR KOMUL VISIT

Class: III & V Sem B.Sc., Microbiology

Sl. No.	Reg. No.	Student Name	Sl. No.	Reg. No.	Student Name
1	20IABSC026	ALAINA ARA	24	21IABSC037	BELICIA E
2	20IABSC027	CHANDANA	25	21IABSC038	HARMINE TASNEEM
3	20IABSC028	DEEPTHI B	26	21IABSC040	LEKHA S
4	20IABSC030	MANISHA SRI	27	21IABSC039	KUMAR CHANDU
5	20IABSC032	NANCY	28	21IABSC040	LEKHA S
6	20IABSC033	RANJITH KUMAR	29	21IABSC041	LOKESHWARI M
7	20IABSC031	SHIVANI	30	21IABSC042	MANOJ SN
8	20IABSC037	HARI KEERTHANA	31	21IABSC043	NANDINI DEB SINGHA
9	20IABSC038	JEEVITHA	32	21IABSC044	NANDINI T
10	20IABSC039	VANITHA	33	21IABSC045	SONY T
11	20IABSC040	KALOMBO KAZADI	34	21IABSC046	SREEJONI ADHIKARI
12	20IABSC041	NIDA KHAN	35	21IABSC047	SUPRIYA P
13	20IABSC042	NIKITHA	36	21IABSC048	SWAGATA BANERJEE
14	20IABSC043	RACHITHA	37	21IABSC049	THAMMINENI RAGHU
15	20IABSC044	RAHUL	38	21IABSC062	ANKITA DIGAL
16	20IABSC045	RUDRAKSHINI	39	21IABSC063	DEEPIKA E S
17	20IABSC046	SHALINI	40	21IABSC064	DEEPIKA N
18	20IABSC047	SHRAVANI	41	21IABSC065	FARHATH BANU
19	20IABSC048	SYDA ASMA	42	21IABSC066	N HARISH KIRAN
20	20IABSC049	THANUSHA	43	21IABSC068	SHABANA BEGUM S
21	20IABSC050	VANDANA	44	21IABSC069	SINDHU J
22	21IABSC035	AKSHATHA R	45	21IABSC072	ZAKIYA KHANUM
23	21IABSC036	ARPITHA H L			

  
**Dr P. Malaiyarasa Pandiyan & Dr. Sahithya K**

Faculties In-Charge

  
14/12/22  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD, KAIVAN NAGAR  
BANGALORE-560043, KARNATAKA

# INDIAN ACADEMY

Degree College - Autonomous

MB/2021-22/015

Date: 23.04.2022

## CIRCULAR

Department of Microbiology is organizing a guest lecture for all the B.Sc., and M.Sc., life science students on **26<sup>th</sup> April, 2022** from 11 am to 1 pm. All the students and faculty are invited for the guest lecture in Seminar hall-II.

Resource person	Title
Mr. C. Senthil Kumar, Research Associate, Directorate of National Centre for Vector Borne Disease Control, Regional Office for Healthy and Family Welfare, Koramangala, Bangaluru-34	Overview about Biology of Parasitism: Malaria – Causes, symptoms, diagnosis, morphology & lifecycle

### **Objective:**

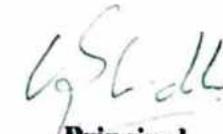
To increase comprehensive awareness on Malaria.

### **Outcome:**

Students will develop awareness on disease detection, early treatment-seeking, prevention and elimination of malaria disease.

  
**HOD**

Department of Microbiology,  
Indian Academy Degree College  
Hennur Cross, Hennur Main Road  
Bangalore-560043.

  
**Principal**

PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43

# INDIAN ACADEMY

Degree College - Autonomous

## Department of Microbiology

**Date & time:** 26.04.2022, 11 am to 1 pm

**Topic:** Overview about Biology of Parasitism: Malaria – Causes, symptoms, diagnosis, morphology & lifecycle

**Resource person:** Mr. C. Senthil Kumar, Research Associate, Directorate of National Centre for Vector Borne Disease Control, Regional Office for Healthy and Family Welfare, Koramangala, Bangaluru-34

### ATTENDANCE SHEET

Sl. No.	Register no.	Name of the student	Attendance
1.	201ABSC037	Hari Keerthana	<i>[Signature]</i>
2.	201ABSC042	Nikitha v yadav	<i>[Signature]</i>
3.	201ABSC011	Lokith. V	<i>[Signature]</i>
4.	201ABSC006	Yashwanth	<i>[Signature]</i>
5.	201ABSC021	Trisha Bhattacharya	Trish
6.	201ABSC045	Rudrakshini. S	R.S.
7.	201ABSC009	Lakshmipriya.M.P	Lakshini
8.	21IABSC019	NOOR RABIYA [BSc 2 <sup>nd</sup> sem BcBt]	NoorRabiya
9.	201AMDS026	Bhavani.M.P	Bhavi M.P
10.	201AMDS036	Shaina . N. K	<i>[Signature]</i>
11.	201AMDS067	Chaitanya.M (MSc.MB)	Chaitanya
12.	201AMDS070	Amanda Ekanayake (MSc.MB)	Amyala
13.	201AMDS079	Nehe Gupta (MSc Mb Iyr)	Nehe .
14.	201AMDS065	Bawanshika Syamlich	Bsyamlich
15.	21PG371	chaitnoa reddy. s (MSc,pc)	chaitnoa
16.	21PG205	Swathi.M (MSc BC) 3rd	Swathi

17.	21PG368	APOORVA. BREDDY (M.Sc I <sup>st</sup> sem BC)	<del>Apoorva</del>
18.	21IABSC020	Priyoshi Ghosh (Bsc 2 <sup>nd</sup> sem BCBT)	Priyoshi
19.	21IABSC055	K.N Madhavi (Bsc II sem BCG)	K.N. Madhavi
20.	21IABSC062	Ankita Djal (Bsc II sem CMB)	Ankita
21.	21IABSC048	Swagata Banerjee (Bsc. CMB sem 2)	Swagata Banerjee
22.	21IABSC035	Aleshatha R (BSC. CMB sem II)	Aleshatha
23.	21IABSC041	Lokeshwari M (Bsc cmb sem II)	Lokeshwari M
24.	21IABSC066	Harish Iairan (BSC CMB sem II)	<del>Harish Iairan</del>
25.	20IABSC046	Shalini VH (BSC GBCMB IV sem)	Shalini
26.	20IABSC013	Nikshitha. M (BSC GBCBT IV sem)	<del>Nikshitha M</del>
27.	20IABSC039	K. Vanitha (BSC GBCMB IV sem)	<del>Vanitha K</del>
28.	20IABSC049	Jhanvika R (BSC GBCMB IV sem)	Jhanvika R
29.	20IABSC032	Nancy. A (BSC CZMB IV sem)	Nancy. A
30.	21IABSC068	S. Shabana Begum (2 <sup>nd</sup> sem CMB)	Shabana
31.	21IABSC036	Aspitha H.L (2 <sup>nd</sup> sem CMB)	Aspitha H.L.
32.	21IABSC064	Farhath Banu (2 <sup>nd</sup> sem CMB)	Farhath Banu
33.	21IABSC063	Deepika F.S (2 <sup>nd</sup> sem CMB)	Deepika F.S.
34.	20IABSC044	Rahul C (BSC GBCMB IV sem)	Rahul C
35.	20IABSC018	Ravi Kumar (BSC GBCBT IV sem)	<del>Ravi Kumar</del>
36.	20IABSC033	Ranjith Kumar (BSC CZMB IV sem)	<del>Ranjith Kumar</del>
37.	20IABSC055	KAMINI G (BSC CZBT IV sem)	Kamini G.
38.	20IABSC026	Alaina (BSC CZMB IV sem)	Alaina
39.	20IABSC028	Deepthi (BSC CZMB IV sem)	Deepthi B
40.	20IABSC051	Annasa (BSC CZBT IV sem)	Annasa
41.	20IABSC058	Sukanya (BSC CZBT IV sem)	<del>Sukanya</del>
42.	20IABSC027	chandana (BSC CZMB IV sem)	<del>chandana</del>
43.	20IABSC005	chiranth (BSC GBCBT IV sem)	Chiranth
44.	20IABSC025	Adithi C BSC CZMB IV sem	Adithi

45.	21PG223	Raju. E. K MSc I <sup>st</sup> sem (bc)	Raju. E. K.
46.	21PG386	Sagar. M. (MSc-B) - I <sup>st</sup> sem	Sagar. M.
47.	20TABSC038	Jeevitha. G (BSc, 6BCMB) IV <sup>th</sup> sem	Jeevitha. G.
48.	20TABSC023	Vinitha. M (BSc. 4BCBT) IV <sup>th</sup> sem	Vinitha. M.
49.	21TABSC011	JAISON WILLIAM. J. (BSc. BcBT) II <sup>nd</sup> sem	JAISON
50.	21TABSC078	YATHISH. S (Z Bc) II <sup>nd</sup> sem	YATHISH
51.	20TABSC022	Vinay Kumar. V (6BCBT) IV <sup>th</sup> sem	Vinay Kumar. V.
52.	20TABSC040	KALOMBA KARAB IV SEM	KALOMBA
53.	21TABSC029	Vivekanand k. v II <sup>nd</sup> sem	Vivekanand
54.	19TABSC089	Chaitanya. S. K	Chaitanya
55.	19TABSC083	Abhinav. A. P.	Abhinav
56.	19TABSC051	Shejini Ruth Suresh	Shejini
57.	21PG376	Ajith. D. D MSc. BC 1 <sup>st</sup>	Ajith. D. D
58.	21PG367	NIRMA KUMAR. R (MSc BC 1 <sup>st</sup> sem)	Nirma Kumar R.
59.	21PG374	Mahadevoprasad. B CMSC Bc 1 <sup>st</sup> sem	Mahadevoprasad
60.	21PG378	Gagan M. Sc B. C 1 <sup>st</sup>	Gagan
61.	20TABSC059	Sueela Halder (4 <sup>th</sup> sem)	Sueela
62.	20TABSC030	Manisha Sri. K (4 <sup>th</sup> sem)	Manisha
63.	21PG282	Hadiya. K (MSc 1 <sup>st</sup> year) <sup>nd year</sup> Biotech	Hadiya
64.	21PG382	Saisam vijayalakshi (MSc 1 <sup>st</sup> yr) <sup>Bio Chem</sup> Bc	S. Vijayalakshi
65.	21PG372	Niveditha. M. (MSc 1 <sup>st</sup> yr) Bc	Niveditha. M.
66.	21PG207	SABIRA (MSc 1 <sup>st</sup> sem Biochemistry)	SABIRA
67.	21PG339	Umme Ul Noor (MSc 1 <sup>st</sup> sem Biochemistry)	Umme Ul Noor
68.			
69.	MSc - MB 1 <sup>st</sup>	Pavan Kumar. A	Pavan.
70.	MSc - MB 1 <sup>st</sup>	Nikhil. IA	Nikhil
71.	M. Sc - MB 1 <sup>st</sup>	JASWANATH	Jaswanath
72.	M. Sc - MB 1 <sup>st</sup>	HARISH. K. R	HARISH

73.	M.Sc. I MB	RAHUL.E	E. Bal
74.	M.Sc. I <sup>(MB)</sup> Sem	Praakash B	Praakash B.
75.	M.Sc. I <sup>(MB)</sup> Sem	Shashank. V	
76.	M.Sc. I <sup>(MB)</sup> Sem	Ranjith Kumar	
77.	IMSC I MB	ASHWINI V	Ashwini V.
78.	IMSC I MB	JOYCEE MADALEWE SRINIVASAN	Joycee
79.	IMSC I MB	RAKSHA.R	Raksha
80.	IMSC MB	JAVEETH	Javeeth
81.	II MSc MB	BHANUSHREE.C	Bhanushree
82.	II MSc MB	T. MOULI	Mouli
83.	II M.Sc MB	ANKITA BISWAS	Ankita
84.	II M.Sc mb	PRIYANSHI SINGH	Priyanshi.
85.	II <sup>nd</sup> Msc. MB	Devika P.R	Devika
86.	II M.Sc (MB)	Deeksha.P	Deeksha
87.	II M.Sc (MB)	HARSHITHA.C.K	Harshitha
88.	II M.Sc (MB)	Kolishwarri.M	Kolishwarri
89.	II MSc (MB)	Meghana Pастey	Megha.
90.	II MSc (MB)	Monisha Tyappan	Monisha
91.	IV BSc (BT)	Rahul pravin	Rahul
92.	IV (GBcMb)	Shravani	Shravani
93.	IV (GBcMb)	Rachitha	Rachitha.
94.	IV (GBcMb)	Syeda Asma Iy	Syeda Asma
95.	IV (GBcMb)	vandana.s	Vandana
96.	IV (GBcMb)	Nida Khan	Nida Khan
97.	I. MSc (MB)	B. Priyanka	B. Priyanka
98.	I. Msc [MB]	Alice Sheba.S	Alice Sheba.S
99.	I.MSc (MB)	M.Moralisha	M.Moralisha
100.	I.Msc (MB)	Brunda.B	Brunda

101.	I MB.C (MB)	ANUSHA K.P	Anusha k.p
102.	I MSc (MB)	Divya . P	<del>Divya</del>
103.	I MSc (MB)	Monalisa . S	Monalisa . S
104.	I BSc (2 <sup>nd</sup> Sem)		
105.	2 <sup>nd</sup> IABSc 060 2 <sup>nd</sup> BSc (2 <sup>nd</sup> Sem)	K. Sree Nitya (GBC)	Nitya
106.	2 <sup>nd</sup> IABSc 064 2 <sup>nd</sup> BSc (2 <sup>nd</sup> Sem)	Dasari . S. Ajitha Roy	Ajitha
107.	2 <sup>nd</sup> IABSc 051 2 <sup>nd</sup> BSc (2 <sup>nd</sup> Sem)	Mrudula . G (GBC)	G. Mrudula
108.	2 <sup>nd</sup> IABSc 061 2 <sup>nd</sup> BSc (2 <sup>nd</sup> Sem)	Umme Javeria (GBC)	Umme J
109.	2 <sup>nd</sup> IABSc 059 I MSc (MB)	Rajani . P (GBC)	Rajani . P
110.	I MSc (MB)	Sanjathe K.P	<del>Sanjathe</del>
111.	I MSc (MB)	Vaishnavi A.	Vaishnavi
112.	I M.Sc (MB)	Pooja Pandey	Pooja Pandey
113.	I M.Sc (MB)	Sidha Khousin	Sidha
114.	I M.Sc (MB)	Sukanya Dutta	Sukanya Dutta
115.	I M.Sc (MB)	S M.P Sandhya	Sandhya
116.	I M.Sc (MB)	Shilpa . S	Shilpa . S
117.	I M.Sc (MB)	Shalini M	Shalini . M
118.	I M.Sc (MB)	Rukrana . S	Rukrana . S
119.	I BSc (BcBE)	Keerthi Varma	<del>Keerthi Varma</del>
120.	I BSc (BcBE)	Harshitha . S	Harshitha
121.	I BSc (BcBE)	Varsha P.N	Varsha . P
122.	I BSc (BcBE)	Shashikala . V	shashikala
123.	I BSc (BcBE)	Sahana . V	Sahana
124.	I BSc (BcBE)	Hujilka . Rani NJ	hujilka .
125.	I BSc (BcBE)	Noor kateja	Noorkateja
126.	II <sup>sem</sup> BSc (BcBE)	Vishwas . M	Vishwas . M.
127.	II <sup>sem</sup> BSc (BcBE)	Akash . A	<del>Akash</del>
128.	II <sup>sem</sup> BSc (BcBE)	Nithin . S	Nithin . S
129.	II <sup>sem</sup> BSc (2 <sup>nd</sup> Sem)	Sai Kumar	Sai

129.	<sup>sem</sup> II BSc(CMb)	Manoj. S. N	(M)
130.	II BSc(BCB)	Shekar.k.v	Shekar.k.v
131.	II BSc(CMb)	Kumara Chandu. K	Kumara Chandu.k.
132.	II BSc(CMb)	Thammineni Paghui	Paghui.
133.	<sup>sem</sup> II BSc(CZBC)	K.K.AKASH	AKASH
134.	<sup>sem</sup> II BSc(BT&E)	Mohamed Sakel Khar	
135.	<sup>sem</sup> II BSc(BT&E)	Kashif Pasha. F	
136.	BSc 2 <sup>nd</sup> sem (CBET)	Harshavardhana pandu. D.S.	Harshavardhana pandu. D.S.
137.	II MSc [BT]	AKbar babu	AKbar
138.	II MSc [B]	Manjunatha.VL	Manjunatha.VL
139.	<sup>fourth</sup> II BSc(CZBT)	Rohith Rajesh	Rohith
140.	IV sem BSc(CZBT)	Thavathi . M	Thavathi . M
141.	IV Sem BSc(CZBT)	Teeshan Ahmed	Teeshan Ahmed
142.	IV <sup>th</sup> sem BSc(CZBT)	shiva sathya K.E	shiva sathya K.E
143.	IV <sup>th</sup> Sem (CZBT)	J. SATYA NARAYANA	J. SATYA NARAYANA
144.	IV Sem(CZBT)	Darshan . V	Darshan . V
145.			
146.			
147.			
148.			
149.			
150.			

Prof. P. Rajarajan

HoD

Faculty In-Charge

# INDIAN ACADEMY

Degree College - Autonomous

## Guest Lecture/ Seminar Expenditure

Department : Microbiology  
Name of the Speaker : Mr. C. Senthil Kumar  
Designation : Research Associate  
Address : Directorate of National Centre for  
Vector borne disease control, Bangalore  
Date of the Programme : 26-04-2022  
Audience : B.Sc. & M.Sc. life science students  
Topic : Overview about biology of Parasitism  
Hon<sup>✓</sup>orarium/Memento : ₹. 2000/-  
Conveyance : Nil  
Bouquet : ₹. 300/-  
Miscellaneous : ₹. 10/-

Signature of the HOD

Date: 27/04/22

Principal  
PRINCIPAL  
Indian Academy Degree College  
Autonomous  
Hennur Cross, Kalyan Nagar  
Bangalore - 560043

# INDIAN ACADEMY

Degree College - Autonomous

## GUEST LECTURES

Speaker : C. SENTHEL KUMAR

Designation : Research Assistant,

Topics : Biology of Parasitism Malaria, Causes, mode of transmission, Sign & Sympt treatment

Nature of Audience : Very good, eager to learn

Date & Time : 26/4/2022 11 AM to 1.00 PM

Views of the Speaker : happy to interact with students and professors of Dept of Microbiology & life science



Signature of the guest

Views of the beneficiaries

Remarks

3.2.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs) (2) & 3.2.2 Percentage of teachers having research projects during the last five years (2) 3.2.4 Average Percentage of departments having Research projects funded by government and non government agencies during the last five years (3)

S.No.	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Department of Principal Investigator/ Co Investigator	Year of Award	Funds provided (INR in lakhs)	Duration of the project	
1	Sudhakar Malla	SPP Biofuel Project	Government	Biotechnology	2020-2021	0.08	6 months	14000
2	Dr. Suma T K	SPP Biofuel Project	Government	Biotechnology	2020-2021	0.08	6 months	
					2	0.16		
1	Sudhakar Malla and Dr. Sibi G	SPP Biofuel Project	Government	Biotechnology	2019-2020	0.06	6 months	verified
2	Sudhakar Malla	SPP Biofuel Project	Government	Biotechnology	2019-2020	0.06	6 months	verified
3	P. Rajarajan	SPP Biofuel Project	Government	Microbiology	2019-2020	0.07	6 months	verified
					3	0.19		
1	Dr. Sibi G	SPP Biofuel Project	Government	Biotechnology	2018-2019	0.125	6 months	verified
2	Sudhakar Malla	SPP Biofuel Project	Government	Biotechnology	2018-2019	0.095	6 months	verified
3	Sudhakar Malla	SPP Biofuel Project	Government	Biotechnology	2018-2019	0.11	6 months	verified
4	Dr. Susanta Pahari	Establishing the facility for Molecular Biology and Bioinformatics Research	Government	Biochemistry	2018-2019	10	3 years	verified
5	Dr. Sibi G	INSPIRE Internship Science Camp	Government	Biotechnology	2018-2019	9.75	5 days	800000
					5	20.08		
1	Dr. Sibi G	SPP Biofuel Project	Government	Biotechnology	2017-2018	0.13	6 months	verified
2	Dr. Sibi G	SPP Biofuel Project	Government	Biotechnology	2017-2018	0.12	6 months	verified
3	Dr. K. Prashanthi	DBT Star College Scheme	Government	Biochemistry	2017-2018	82	3 years	6800000
4	Dr. Sibi G	INSPIRE Internship Science Camp	Government	Biotechnology	2017-2018	9.75	5 days	verified
					4	92		
1	Dr. Sibi G	SPP Biofuel Project	Government	Biotechnology	2016-2017	0.105	6 months	verified
2	Dr. Amrita Roy	Early Career Research Grant	Government	Biotechnology	2016-2017	52.64	3 years	2299684
3	Dr. Sibi G	INSPIRE Internship Science Camp	Government	Biotechnology	2016-2017	9.75	5 days	verified
					3	42.495		
					17	154.925		

- 1 New Horizons in Chemical & Biochemical Sciences
- 2 Mathematical Analysis and applications
- 3 New Frontiers in Chemistry
- 4 Cognitive and Behavioural Sciences

- 1 INDIAN ACADEMY OF SCIENCES
- 2 INDIAN ACADEMY OF SCIENCES
- 3 INDIAN ACADEMY OF SCIENCES
- 4 INDIAN ACADEMY OF SCIENCES

- 1 Chemistry & Biochemistry
- 2 Mathematics
- 3 Chemistry
- 4 Genetics

- 1 2016-17
- 2 2017-18
- 3 2018-19
- 4 2018-19

- 1 1.28
- 2 1.11
- 3 1.00
- 4 0.91

- 1 4.30

# INDIAN ACADEMY

## Degree College - Autonomous

### Department of Microbiology

### Report on Industrial/Institutional Visit

**Date:** 17.12.2021

**Industry:** Mapro Food Industry, Mahabaleswar

**Class:** III sem M.Sc., Microbiology students

#### **Objectives:**

- To provide an insight to students into the internal working of companies.
- To provide students with a chance to meet industry professionals, who share their wisdom, learning, and experiences.
- To pursue knowledge about the production and processing of different food products.

#### **About the Industry:**

Mapro is a food processing company founded in 1959, in the hill-town of Panchgani, near Mahabaleswar - a popular tourist destination near Mumbai and Pune. Mapro is a market leader in Western India with an annual processing capacity of around 30 thousand MT, founded in 1959. The company has grown organically over the last five decades with sustained profitability. Started the first self-owned factory in 1989 and then set up state-of-the-art cold storage at Wai, in 2005, which is capable of precooling 20 MT of fresh fruits and produce chocolate. The company has grown organically over the last five decades with sustained profitability. Known for its quality and innovation, Mapro has been built on its founder's philosophy of developing products that are wholesome, nutritious, value-for-money, and imaginative.

Mapro's portfolio of products provides a high quotient of natural fruit in the form of Jams, Fruit bars and chews, Syrups, Crushes, Squashes, and Dessert Toppings. Its range of premium products such as Thandai crush and Kesar syrup are made from the finest selection of exotic ingredients. Mapro's products are known for their wholesome taste and quality, as

also their natural goodness and nutritive value. Mapro was the pioneer of fruit-based confectionery in India, with its first jelly sweets being made from fruit juices and liquid glucose. The 'Falero' pulpy fruit chews, which are better known as 'pates de Fruit' in the rest of the world – are excellent exemplars of Mapro's very own Innovation Labs. Faleros come in unique indigenous flavours that are suited to the Indian palate, like Kacchi Kairi (Raw Mango), Alphonso Mango and Strawberry.

**About the Visit:**

The visit started with the animation movie for showing glimpse of Mapro industry from its beginning at Panchgani. It also gave introduction of company profile and its present functioning in food industry for different products. The technical team has explained automation of different food products like chocolates, syrups and jams through presentation containing many functional block diagrams and existing machineries.

**Outcome:**

The Industrial Visit complemented theoretical knowledge with practical experience. Students also gained information about the development of processed foods ranging from jellies to fruit syrups and from crushes to dessert toppings.

**Dr. P. Malaiyarasa Pandiyan**



**Dr. K. Sahithya**



**Faculties In-Charge**

**Prof. P. Rajarajan**



**HoD**



M.Sc., Microbiology Students in Mapro Industry

# INDIAN ACADEMY

Degree College - Autonomous

## Department of Microbiology

### List of students

**Class:** III Sem M.Sc., Microbiology

**Date:** 17.12.2021

**Industry/Institute Name:** Mapro Food Industry, Mahabaleswar

**Staff In-charge:** Dr. P. Malaiyarasa Pandiyan & Dr. Sahithya K

Sl. No.	Reg. No.	Student Name	Attendance
1	20IAMOS060	Anjana J	Present
2	20IAMOS061	Ankita Biswas	Present
3	20IAMOS062	Arshiya M E	Present
4	20IAMOS063	Asweshvaran R	Present
5	20IAMOS064	Ayesha G	Present
6	20IAMOS065	Bawanshisha Syiemlieh	Present
7	20IAMOS066	Bhanushree C	Present
8	20IAMOS067	Chaithanya M	Present
9	20IAMOS068	Deeksha P	Present
10	20IAMOS069	Devika P R	Present
11	20IAMOS070	Ekanayake Wasala Mudiyansele Amanda Kakusanda Ekanayake	Present
12	20IAMOS071	Harshitha C K	Present
13	20IAMOS072	Hemanathan D	Present
14	20IAMOS073	Javeeth J	Present
15	20IAMOS074	Katherin Sylvia R	Present
16	20IAMOS075	Koteshwari M	Present
17	20IAMOS076	Meghana M Pastey	Present
18	20IAMOS077	Monisha Iyappan	Present
19	20IAMOS078	N B Karthik	Present
20	20IAMOS079	Neha Gupta	Present
21	20IAMOS080	Prakash B	Present
22	20IAMOS081	Priyanshi	Present
23	20IAMOS082	Qurath Ul Ain	Present
24	20IAMOS083	Rabina Sait	Present
25	20IAMOS084	Sindhu R	Present
26	20IAMOS086	T Mercy Scorlet	Present
27	20IAMOS087	T Mouli	Present

# INDIAN ACADEMY

## Degree College - Autonomous

MB/2022-23/04

Date: 14.12.2022

### DEPARTMENT OF MICROBIOLOGY

#### Circular

This is to inform all the III & V Semester B.Sc., Microbiology students that the Department is organising Industrial visit to KOMUL, Kolar on 19<sup>th</sup> December, 2022.

#### **Objectives of the Visit:**

1. To enhance the students' knowledge on essential steps in dairy industry
2. To provide students with a chance to meet industry professionals and entrepreneurs, who share their wisdom, learning, and experiences
3. To pursue knowledge about the organized collection of milk and production of pasteurized milk and milk products, toned milk, full cream milk and ice - creams with different flavours

#### **Outcomes of the Visit:**

- The visit will be a true learning experience for students and to understand the expectations of the dairy industry and interact with highly trained and experienced personnel.
- The visit will provide overall exposure to the microbiological aspects in the dairy industry
- The visit will also help the students to experience milk collection, processing, packaging, and storage units in dairy industry.

Location: Kolar-Chikkaballapura Cooperative Milk Producers Societies Union Limited (KOMUL), Kolar Dairy Premises, NH 75, Huthur, Post, Kolar, Karnataka 563102

Time of the departure: 9.00 AM

Time of arrival: 4.30 PM

  
**HoD**  
Head

Department of Microbiology  
Indian Academy Degree College  
Hennur Cross, Hennur Main Road  
Bangalore-560043

  
Principal  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD, KALYAN NAGAR  
BANGALORE-560043, KARNATAKA

# INDIAN ACADEMY

## Degree College - Autonomous

### DEPARTMENT OF MICROBIOLOGY

### INDUSTRIAL VISIT TO KOMUL DAIRY INDUSTRY

**DATE OF VISIT:** 19<sup>th</sup> December 2022.

#### **OBJECTIVE**

The objective of the visit is to acquire knowledge in the dairy processing unit and production of dairy products

#### **KOMUL DAIRY INDUSTRY**

Kolar-Chikkaballapura District Co-operative Milk Producers Union Ltd., (KOMUL) is Karnataka's second highest Milk Producing District organisation. It is a District level apex body of milk cooperatives in Karnataka, which aims to provide remunerative returns to the farmers by eliminating the middlemen and also serve the interest of consumers by providing quality Milk & milk products, which are good value for money.

The area of operation is restricted to Kolar and Chikkaballapura Districts having 2919 villages of 11 revenue Taluks

Once the Dist. was named as Land of Gold & Silk, is making inroads in Quality Milk Production. It is KOMUL first installed " Bulk Milk Coolers & Community Milking Machines " at Society level in the state of Karnataka to get the quality milk required for UHT milk packed at Kolar Dairy under the brand name of nandini 'Good-Life '. Presently Union has full pledged dairy at Kolar with an installed capacity of 2.0 LLPD, and three chilling centers at Chinthamani, Sadli, & Gowribidnur with 1.0 LLPD capacity each respectively. KOMUL started marketing of liquid milk in polythene sachets in entire Kolar District and parts of Bangalore City since 1994. The Mnemonic Symbol of NDDB was adopted by the Union from April' 2002 to market the liquid milk.

#### **STATUS**

Kolar-Chikkaballapura District Co-operative Milk Producers Union is registered under Co-operative Societies act after bifurcation from Bangalore District Co-operative Milk

Producers Union on 23/03/1987. The area of operation is restricted to Kolar and Chikkaballapur Districts having 2919 villages of 11 revenue Taluks.

Dairy plants are found all over the world, but because their sizes and the types of manufactured products vary tremendously, it is hard to give general characteristics. The dairy industry can be divided into several production sectors. Each division produces wastewater of a characteristic composition, depending on the kind of product that is produced (milk, cheese, butter, milk powder, condensate). Dairy plants process the raw milk they receive from farmers so as to extend its marketable life. Two main types of processes are employed: heat treatment to ensure the safety of milk for human consumption and to lengthen its shelf-life, and dehydrating dairy products such as butter, hard cheese and milk powders so that they can be stored. The dairy industry involves processing raw milk into products such as consumer milk, butter, cheese, yogurt, condensed milk and ice cream using processes such as chilling, pasteurization and homogenization.

Dairy processing plants is divided into two categories:

**Fluid milk processing** involving the pasteurization and processing of raw milk into liquid milk for direct consumption as well as cream, flavoured milk and fermented products such as buttermilk and yogurt.

**Industrial milk processing** involving the pasteurization and processing of raw milk into value added dairy products such as cheese and butter and other milk fats, milk powder and condensed milk, whey powder and other dairy ingredients and ice cream and other frozen dairy products.

#### **DAIRY PROCESSING ACTIVITIES:**

**Raw milk collection and storage:** The raw milk is collected from various areas and nearby villages daily. The first steps in preserving the quality of milk should be taken at the farm. To achieve the best quality milk at intake, milking conditions must be as hygienic as possible. The milk must be chilled to below +4°C immediately after milking and be kept at this temperature during transport to the dairy. Raw milk is collected and transported to the processing plant in stainless steel.

**Standardization:** Separation and Centrifugal separation and clarification is common in dairy processing to ensure further processing of standard products avoiding quality variations. Standardization of the dry matter for fat, protein and lactose content of the milk usually takes place in the production phase of most dairy products.

**MILK PRODUCTION:** Typical starter bacteria include *Lactococcus lactis* subsp. *lactis* or *cremoris*, *Streptococcus salivarius* subsp. *thermophilus*, *Lactobacillus delbrueckii* subsp. *bulgaricus*, and *Lactobacillus helveticus*.

The initial process needs milk collection from the dairy livestock and after collection of milk it is transported to dairy plants, separations, clarification, homogenization, pasteurization and at the lastly pack the products for sell.

**Milk Tanks:** The milk tanks are the prime components in any milk processing plants that used to store raw milk, skimmed milk or cream. The pre-stack tanks, milk tanks, interim tank and mixing tanks are mainly used in processing plants to provide good quantity milk.

**Pasteurizers:** Pasteurization is the process of heat treatment of a product to reduce enzymatic activity and kill pathogenic bacteria. This process can be done by using pasteurizers The main purpose of pasteurization in dairy plants is to make the product safe for use and to extend product shelf life.

**Separators:** After pasteurizers, the separators come as third main equipment in milk plants that ensure the excellent products quality and high performance in milk skimming by preventing intake of destructive air.

**Homogenizers:** At last, the homogenizer helps to achieve the different variety of products, improves the texture, taste and viscosity of cream or juice-based drink and prevents a cream line and sedimentation in the milk products. It is essential to use homogenizers for set up effective and successful milk processing plants. The next milk plants procedure is that need to check all collected milk for transparency and quality. It is important to use separators that separate microbes and germs for milk consumption. It is also known as clarification process. After these steps, it is easy to collect whole milk in milk tanks for the packing and lastly packed in the packets and bottles. The final milk production process is the product packaging in the bottle, cartons and plastic bags. These packaging are useful for long life of products from the dairy to other different places.

#### **LEARNING FROM THE VISIT:**

The visit was very informative, and the entire working process of the industry was observed. The production of milk and other milk products were studied. The collection of milk, its processing, pasteurization, packaging and storage was observed and studied. The different storage environment with varying temperatures were seen and the cooling systems were observed. Other than the milk and milk products processing units the waste treatment plant of the industry was also observed. Anaerobic digester, aeration tank and oxidation ponds were observed in which the effluents of the industry were treated, and the water tanks and pipes were present to restore the less toxic effluents which can then be discharged. All this

techniques and learning helps us to better understand the milk and milk products processing and the effluent treatments which is helpful for various applications.



#### **OUTCOME OF THE VISIT**

II & III B.Sc., Microbiology students learned about the commercial production of milk and milk products and its quality control. In addition they learned the technical details of Milk Processing Unit.

**Faculty In - Charge**

**DR.P.MALAIYARASA PANDIAN**

**DR.SAHITHYA K.**

**HOD**

**PROF. P.RAJARAJAN**

For

**PRINCIPAL**  
**INDIAN ACADEMY DEGREE COLLEGE**  
**AUTONOMOUS**  
**HENNUR MAIN ROAD**  
**BANGALORE - 43**

# INDIAN ACADEMY

## Degree College - Autonomous

### DEPARTMENT OF MICROBIOLOGY

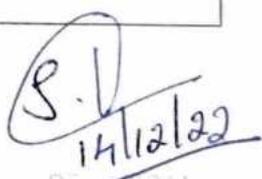
#### LIST OF STUDENTS FOR KOMUL VISIT

Class: III & V Sem B.Sc., Microbiology

Sl. No.	Reg. No.	Student Name	Sl. No.	Reg. No.	Student Name
1	20IABSC026	ALAINA ARA	24	21IABSC037	BELICIA E
2	20IABSC027	CHANDANA	25	21IABSC038	HARMINE TASNEEM
3	20IABSC028	DEEPTHI B	26	21IABSC040	LEKHA S
4	20IABSC030	MANISHA SRI	27	21IABSC039	KUMAR CHANDU
5	20IABSC032	NANCY	28	21IABSC040	LEKHA S
6	20IABSC033	RANJITH KUMAR	29	21IABSC041	LOKESHWARI M
7	20IABSC031	SHIVANI	30	21IABSC042	MANOJ SN
8	20IABSC037	HARI KEERTHANA	31	21IABSC043	NANDINI DEB SINGHA
9	20IABSC038	JEEVITHA	32	21IABSC044	NANDINI T
10	20IABSC039	VANITHA	33	21IABSC045	SONY T
11	20IABSC040	KALOMBO KAZADI	34	21IABSC046	SREEJONI ADHIKARI
12	20IABSC041	NIDA KHAN	35	21IABSC047	SUPRIYA P
13	20IABSC042	NIKITHA	36	21IABSC048	SWAGATA BANERJEE
14	20IABSC043	RACHITHA	37	21IABSC049	THAMMINENI RAGHU
15	20IABSC044	RAHUL	38	21IABSC062	ANKITA DIGAL
16	20IABSC045	RUDRAKSHINI	39	21IABSC063	DEEPIKA E S
17	20IABSC046	SHALINI	40	21IABSC064	DEEPIKA N
18	20IABSC047	SHRAVANI	41	21IABSC065	FARHATH BANU
19	20IABSC048	SYDA ASMA	42	21IABSC066	N HARISH KIRAN
20	20IABSC049	THANUSHA	43	21IABSC068	SHABANA BEGUM S
21	20IABSC050	VANDANA	44	21IABSC069	SINDHU J
22	21IABSC035	AKSHATHA R	45	21IABSC072	ZAKIYA KHANUM
23	21IABSC036	ARPITHA H L			

  
**Dr P. Malaiyarasa Pandiyan & Dr. Sahithya K**

Faculties In-Charge

  
14/12/22  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD, KAIVAN NAGAR  
BANGALORE-560043, KARNATAKA

# INDIAN ACADEMY

Degree College - Autonomous

## Department of Genetics

### Report on Seminar titled "Cancer Genes: Biology of Therapy".

Speaker:

Dr. Prathibha Ranganathan  
Research Scientist  
Center for Human Genetics  
Bengaluru.

Date: 28.05.2022

Time: 11.15 AM

Faculty in-charge: Dr. Shubha Bhadran

#### Objectives:

- To enable the students to understand the biological nature of P53, BRCA1/BRCA2 Genes.
- To acquire in-depth understanding of carcinogenic agents.
- To instill the knowledge about contemporary biological therapy to treat manage various types of cancer.

#### Event Summary:

The Department of Genetics, Indian Academy Degree College Autonomous organized a seminar on "Cancer Genes: Biology of Therapy" for the benefit of B.Sc and M.Sc Life Sciences students. The session started at 11.15 AM with the introduction of the speaker. Dr. Prathibha Ranganathan commenced the session with introduction to Cancer genes. She defined Cancer as a group of diseases involving abnormal cell growth with the potential to invade or spread to other parts of the body. Genes control how your cells work by making proteins. The proteins have specific functions and act as messengers for the cell. Each gene must have the correct instructions for making its protein. This allows the protein to perform the correct function for the cell. All cancers begin when one or more genes in a cell mutate.

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43

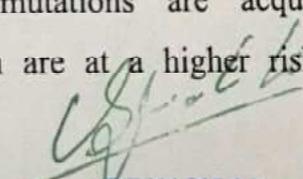


A mutation is a change. It creates an abnormal protein. Or it may prevent a protein's formation. An abnormal protein provides different information than a normal protein. This can cause cells to multiply uncontrollably and become cancerous. mutations happen often. A mutation may be beneficial, harmful, or neutral. This depends where in the gene the change occurs. Typically, the body corrects most mutations. A single mutation will likely not cause cancer. Usually, cancer occurs from multiple mutations over a lifetime. That is why cancer occurs more often in older people. They have had more opportunities for mutations to build up.

Dr. Prathibha described about types of genetic mutations, Acquired mutations and Germline mutations. These are the most common cause of cancer. Acquired mutations occur from damage to genes in a particular cell during a person's life. For example, this could be a breast cell or a colon cell, which then goes on to divide many times and form a tumor. A tumor is an abnormal mass. Cancer that occurs because of acquired mutations is called sporadic cancer. Acquired mutations are not found in every cell in the body and they are not passed from parent to child. Factors that cause these mutations include: Tobacco, Ultraviolet (UV) radiation, Viruses, Age.

A germline mutation occurs in a sperm cell or egg cell. It passes directly from a parent to a child at the time of conception. As the embryo grows into a baby, the mutation from the initial sperm or egg cell is copied into every cell within the body. Because the mutation affects reproductive cells, it can pass from generation to generation. Cancer caused by germline mutations is called inherited cancer. It accounts for about 5% to 20% of all cancers.

The speaker explained types of genes linked to cancer and many of the genes that contribute to cancer development fall into broad categories such as tumor suppressor genes. These are protective genes. Normally, they limit cell growth by monitoring how quickly cells divide into new cells, repairing mismatched DNA or controlling when a cell dies. When a tumor suppressor gene mutates, cells grow uncontrollably. And they may eventually form a tumor. Examples of tumor suppressor genes include BRCA1, BRCA2, and p53 or TP53. The most commonly mutated gene in people with cancer is p53 or TP53. More than 50% of cancers involve a missing or damaged p53 gene. Most p53 gene mutations are acquired. Germline p53 mutations are rare, but patients who carry them are at a higher risk of developing many different types of cancer.

  
PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS

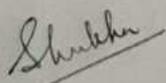


She explained about DNA repair genes. That DNA repair genes fix the mistakes made when DNA is copied. Many of them function as tumor suppressor genes. BRCA1, BRCA2, and p53 are all DNA repair genes. If a person has an error in a DNA repair gene, mistakes remain uncorrected. Then, the mistakes become mutations. These mutations may eventually lead to cancer, particularly mutations in tumor suppressor genes or oncogenes. Mutations in DNA repair genes may be inherited or acquired. Lynch syndrome is an example of the inherited kind.

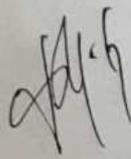
By end of the session students were familiarised with the various type of gene therapy. Somatic cell gene therapy (SCGT), the therapeutic genes are transferred into any cell other than a gamete, germ cell, gametocyte, or undifferentiated stem cell. Any such modifications affect the individual patient only, and are not inherited by offspring. Somatic gene therapy represents mainstream basic and clinical research, in which therapeutic DNA is used to treat disease. Germline gene therapy (GGT), germ cells (sperm or egg cells) are modified by the introduction of functional genes into their genomes. Modifying a germ cell causes all the organism's cells to contain the modified gene. The change is therefore heritable and passed on to later generations. The session concluded at 12:30 PM and the students' feedback was collected.

#### **Learning Outcomes:**

- Students understand the biological characteristics of p53, BRCA1/BRCA2 genes rigorously.
- Students Acquired extensive knowledge about the nature of carcinogens and ability to damage Human genome.
- Enable understanding of biology to cancer in the form of immune system to attack cancer cells and to prevent the spread of cancer with few side effects.

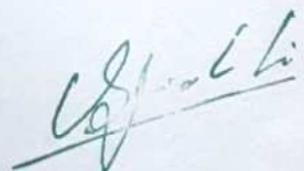


**Faculty in-charge**



**HOD**

Department of Genetics  
Indian Academy Degree College



**Principal**

PRINCIPAL



# INDIAN ACADEMY

Degree College - Autonomous

Date: 21.06.2022

## CIRCULAR

The Department of Humanities is organizing a guest lecture for all the B.A students on **25<sup>th</sup> June 2022** from **12:30 pm**. All the students and faculty are invited for the Guest Lecture in **Multipurpose Hall**. Attendance is Mandatory.

Resource person	Title
<b>Mr. Joseph K Daniel</b> Staff Trainee, Asthma Shakthi Vidyalaya Society	<b>Build the road from reality to your Dream</b>



**HOD**

HEAD OF THE DEPARTMENT  
Department of Humanities  
INDIAN ACADEMY DEGREE COLLEGE  
Autonomous  
Hennur Main Road, Bangalore-560043

# INDIAN ACADEMY

Degree College - Autonomous

## DEPARTMENT OF HUMANITIES

### Guest Lecture

1. **Title of the Event:** Build the road from reality to your Dream
2. **Place:** Multipurpose Hall
3. **Date:** 25<sup>th</sup> June 2022
4. **Time:** 12.30 pm
5. **Name of the Resource Person:** Mr. Joseph K Daniel  
Staff Trainee, Asthma Shakthi Vidyalaya Society
6. **Broad Aim of the Event:** To motivate students and give an exposure on how to work and achieve the Dreams.

#### 7. Objectives

- Educating the students to focus their attention on a key goal.
- Motivating the students to break old habits and to develop healthy ones to achieve their goals.
- Encourage group activities

#### 8. Outcomes

- Students were motivated to learn persist longer, produce higher quality effort, learn more deeply, and perform better in classes and on their dreams.
- Students worked on their habits which they thought were bad and then noted down what can be done to break the chain of these old habits.
- Students learnt how important it was to understand how to coordinate and work with each other.

#### 9. Brief details about the event:

The event started with the speaker telling us about how important it was to set goals and work hard towards the dreams and achieve them. Groups were made and activities were conducted with each group carried on by general discussions and opinions. Where the students spoke about what they think of the different professions and what are their plans about the future and how far have they worked on those plans etc. The event ended by playing a group event where all the students in the auditorium had to participate and coordinate with each other. By the end it was a fun event with a lot to take back with us. It was a fun learning experience.

#### 10. Feedback:

- Got to know how to set the goal
- Learn about the team spirit through the group activities.

# INDIAN ACADEMY

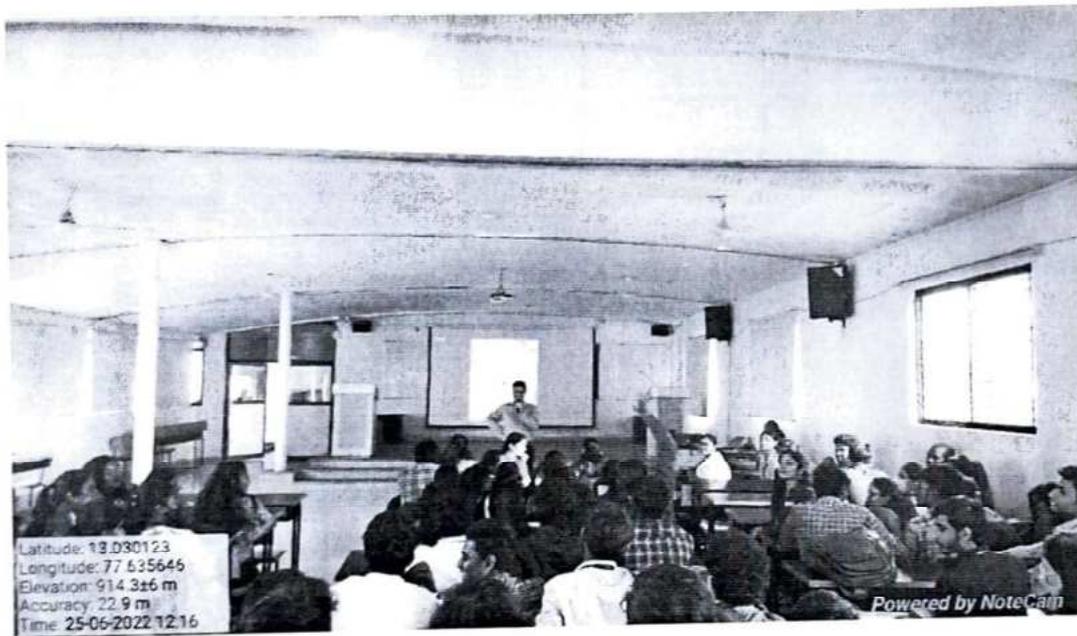
Degree College - Autonomous

## DEPARTMENT OF HUMANITIES

### GUEST LECTURE

#### “BUILDING THE ROAD FROM REALITY TO YOUR DREAM”

25-6-22





# JOSEPH K DANIEL

## PROFESSIONAL SUMMARY

Currently pursuing MSc Psychology in the 4<sup>th</sup> semester from Kristu Jayanti College Autonomous in Bangalore. The course facilitates training in a variety of psychological assessments, theoretical foundations of clinical psychology competencies, and other related professional competencies.

## PROFILE

Passionate to work in the clinical field of psychology and gain experience that will soon be invaluable to utilize in the future for contribution to research and academic teaching.

Interested in working with clients to gain experience and develop further competence in all relevant areas of psychology.

Referred to as a gentleman who works sincerely and is good at psychological assessments.

## CONTACT

PHONE:  
+91-8790708430

EMAIL:  
jkdaniel777@gmail.com

## HOBBIES

Reading Fiction  
Writing  
Classical Music Enthusiast  
Singing

## EDUCATION

**[St Andrews High School]  
[2009] – [2013]**  
CBSE curriculum  
Percentage 91.2 %

**[Indian Academy Degree Autonomous]  
[2017] – [2020]**  
B.A. Psychology, Journalism and  
Optional English  
Percentage 77 %

**[Kendriya Vidyalaya AFS  
Begumpet]  
[2013] – [2015]**  
CBSE curriculum  
Percentage 70.8 %

**[Kristu Jayanti College Autonomous]  
[2020] – [2022]**  
Currently pursuing MSc Psychology  
Percentage 65 % (3 Semesters)

## WORK EXPERIENCE

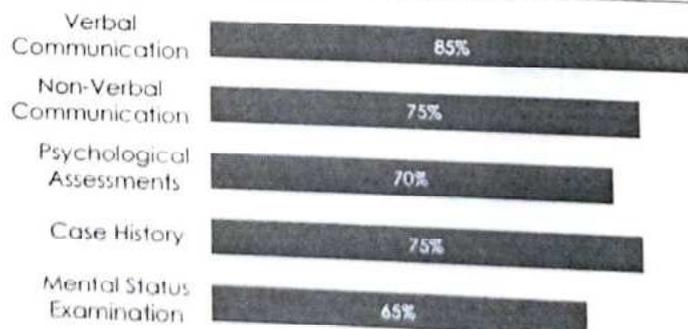
**[National Institute for the Empowerment of Person's with Intellectual Disabilities] [Intern]**

[3<sup>rd</sup> January] – [2<sup>nd</sup> February]  
Interned at NIEPID for 150 hours conducting and increasing proficiency in various assessments on children affected by Intellectual Disability and other comorbid disorders (BKT, DST, VSMS, SFBT, CPM).

**[Mind and Brain Psychiatric Hospital] [Intern]**

[3<sup>rd</sup> March] – [5<sup>th</sup> May]  
Interned at Mind and Brain for 99 hours getting exposure to various patients with clinical disorders and also conducting and taking case histories and mental state examinations. Applied Movement Therapy related skills and techniques learnt at a 2-day workshop conducted by Diana Tholoor.

## SKILLS



# INDIAN ACADEMY

Degree College - Autonomous

**DEPARTMENT OF HUMANITIES**  
**ATTENDANCE OF GUEST LECTURE**  
**“BUILDING THE ROAD FROM REALITY TO YOUR DREAM”**

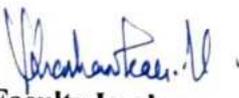
DATE: 25/6/22

CLASS: I, II & III Years B.A

SL NO	REGISTER NO	STUDENT NAME	REMARKS
1	19IABOA001	AMULYA NETHAJI	Present
2	19IABOA002	CHANDAN R	Present
3	19IABOA003	DAVID LALRINGUM	Present
4	19IABOA004	FAITH LALIA LAWRENCE	Present
5	19IABOA005	GOKUL RAJ N	Present
6	19IABOA006	JAI SHRUTHI S	Absent
7	19IABOA007	KEERTHANA T T	Absent
8	19IABOA008	KSHETRIMAYUM HEROJIT SINGH	Present
9	19IABOA009	LAITONJAM WANGLEN MEITEI	Present
10	19IABOA010	MOHAMMAD MUDASSIR NADEEM	Absent
11	19IABOA011	MONISH GOWDA N	Absent
12	19IABOA012	MUBARAK JADEN JADA SALMOUN	Absent
13	19IABOA013	NKIUKAMBOU WIJUNAMAI	Present
14	19IABOA014	SAMIYA SHAHANA	Present
15	19IABOA015	SUTHARI SAI ABHINAV	Present
16	19IABOA016	ANGEL V	Absent
17	19IABOA017	CHANDER MOHAN	Absent
18	19IABOA018	DEV DIP KUMAR BOSE	Present
19	19IABOA019	DORA GRACE SAM	Present
20	19IABOA020	FRANCIS ZORAMMUANA	Present
21	19IABOA021	GARRYBAYEVA LEYLA	Present
22	19IABOA022	IBA ZEHE GRACE CHRISTELLE	Absent
23	19IABOA023	IMKONGAKUM JAMIR	Present
24	19IABOA024	KOSHELNGAM JAGVEI LAMKANG	Present
25	19IABOA025	MAMTHA R	Absent
26	19IABOA026	MARFUHA TABASSUM	Present
27	19IABOA027	NGACHANSO R W	Present
28	19IABOA028	REENA RAJ R	Present
29	19IABOA029	ROHITH V	Present
30	19IABOA030	SAMEER TIGGA	Absent
31	19IABOA031	SANJAY SANTHOSH	Present
32	19IABOA032	SORAM SONY	Present
33	19IABOA033	SWATHI	Present
34	19IABOA034	TAMANE GOUALI SARAH	Absent
35	19IABOA035	Y DEVYANI	Present
36	20IABOA001	APARNA SAHU	Present
37	20IABOA002	DANISTHA TAHNIN	Present
38	20IABOA003	MOHD YAHYA	Present

39	20IABOA004	MUJEERULLA KHAN	Present
40	20IABOA005	NAMDI CHUILO	Present
41	20IABOA006	P ISAAC THANGZOM ZOU	Present
42	20IABOA007	SURAJ S	Absent
43	20IABOA008	THANGCHUNGNUNG HAOKIP	Absent
44	20IABOA009	THARUN KUMAR S	Present
45	20IABOA010	ABIGAIL	Present
46	20IABOA011	BABY ZEBA	Present
47	20IABOA012	BHAKTHI J	Present
48	20IABOA013	DISHA HOLLA	Present
49	20IABOA014	DIVYA S	Present
50	20IABOA015	EASTHER SUSAN PAUL	Present
51	20IABOA016	JENIFER B	Absent
52	20IABOA017	JOBIN JOHN	Absent
53	20IABOA018	JYOTI HARPAL	Present
54	20IABOA019	KARTHIKEYAN G I	Absent
55	20IABOA020	MARCONI NINGTHOUJAM	Present
56	20IABOA021	MARIA SYNTHIA J	Absent
57	20IABOA022	MOIRANGTHEM NETALION	Present
58	20IABOA023	MUSKAN AHMED	Absent
59	20IABOA024	NIZAR DJEMA	Present
60	20IABOA025	PRIYANKA SHARMA	Present
61	20IABOA026	PULIPATI YASHWANTH SONA	Present
62	20IABOA027	RUTH KRUPA K	Present
63	20IABOA028	SNEHA M	Present
64	20IABOA029	SREENISHA S	Present
65	20IABOA030	SUMANT CHHETRI	Absent
66	20IABOA031	THONDUP BHUTIA	Absent
67	20IABOA032	VIJAYASHREE S K	Present
68	20IABOA033	YANGKEE MOYONG	Absent
69	21IABOA001	FALAK FATHIMA	Absent
70	21IABOA002	GUHAN S	Present
71	21IABOA003	K A ARBAZ ALI KHAN	Present
72	21IABOA004	MEHTAB A	Present
73	21IABOA005	MURALI S	Absent
74	21IABOA006	NIKITHA MICHAEL	Present
75	21IABOA007	NITHIN RAJ KUMAR	Present
76	21IABOA008	RAKSHITHA S P	Present
77	21IABOA009	S VIKRAM	Present
78	21IABOA010	SHARON KEZIAH L	Present
79	21IABOA011	V SAI KEERTHI	Present
80	21IABOA012	ASHA	Present
81	21IABOA013	AYUSH TIWARI	Present
82	21IABOA014	MOHAMMED IZHAN S S	Absent
83	21IABOA015	MONIKA H	Present
84	21IABOA016	PARVEEN TAJ A	Present

85	21IABOA017	RAJA JUNAID JAVID	Absent
86	21IABOA018	RENUKA	Present
87	21IABOA019	SANJANA P	Present
88	21IABOA020	TENZIN LHAKPA	Absent
89	21IABOA021	U NITHISH KUMAR	Present
90	21IABOA022	ASWIN S	Absent
91	21IABOA023	BHARATH KUMAR G S	Present
92	21IABOA024	JANCY W	Present
93	21IABOA025	KRIPA RAI	Present
94	21IABOA026	MONICA S	Present
95	21IABOA027	NANI R	Present
96	21IABOA028	RACHANA R	Present
97	21IABOA029	S R JOSEPH MARY	Absent
98	21IABOA030	SHARANYA M	Present
99	21IABOA031	VERONICA J	Absent
100	21IABOA032	ALVIN OLIVER MILTON	Absent
101	21IABOA033	ASHWIN ROZARIO	Present
102	21IABOA034	DEEPA K NAIR	Present
103	21IABOA035	GRACE LALTHANKIMI	Absent
104	21IABOA036	KARTHIK B	Present
105	21IABOA037	MARIYA R	Present
106	21IABOA038	MEGHANA C	Present
107	21IABOA039	N SRUSHTI	Present
108	21IABOA040	NANCY ARUN SHRIKANDE	Present
109	21IABOA041	S MANOJ KUMAR	Present
110	21IABOA042	SHAKTHIVEL R	Present
111	21IABOA043	SHIJAGURUMAYUM ARINA	Present
112	21IABOA044	SIDDHARTH P	Present
113	21IABOA045	SUKANYA ACHARYYA	Present
114	21IABOA046	SYEDA SABAHATH HAFSA	Present
115	21IABOA047	SYLVESTOR LAZARUS A	Absent

  
Faculty In-charge

  
HOD  
HEAD OF THE DEPARTMENT  
Department of Humanities  
INDIAN ACADEMY DEGREE COLLEGE  
Autonomous  
Hennur Main Road, Bangalore-560043

# INDIAN ACADEMY

Degree College - Autonomous

## ONE DAY WORKSHOP ON EMBEDDED SYSTEM

**Date:** 17/06/2022

**Time:** 9:15 AM-4:00 PM

**Event:** One day workshop on Embedded system.

**Venue:** Seminar Hall II, IADCA, Bengaluru

**Name of the Resource person:** Mr. Prateek K P, B.E.,  
Senior Embedded Engineer  
CADD center - Livewire  
Kalyan Nagar  
Bangalore – 560 043

The workshop was organized for BSc Electronics students on 17/06/2022.

**Broad Aim:** To make students skillful and efficient for all the hardware and software related concepts for 8051 microcontrollers.

### OBJECTIVES

- To know the career opportunities in the field of Embedded systems.
- To understand the market of the Embedded systems.

### OUTCOMES

- Able to identify the Scope of Embedded systems.
- Gain knowledge on programming.
- Able to understand the coding in the commercial equipment.

# One Day Workshop on Embedded System

FRIDAY, 17<sup>TH</sup> JUNE 2022

09:15AM - 04:00PM



ELECTRONICS LAB

## OVERVIEW OF WORKSHOP

Embedded systems are the core of every intelligent device. Everything around you from a simple watch to the space ship is using embedded systems. Your mobile phones, PDAs, Washing Machines, Microwaves Ovens, Automobiles & all the automated electronics gadgets are having one or another form of embedded systems responsible for their intelligent functioning. Electronic devices are rapidly finding applications in many of the areas, from simple coffee vending machines to space science to environmentally friendly products such as big belly etc. Indian embedded market worth \$5.9 billion dollars, & expects 30% growth by 2015. This will certainly increase the demand of professionals in the field of embedded systems. Main aim of this training module is to make the students skill full & efficient for all the hardware & software related concepts for 8051 Microcontrollers.

## TOPICS TO BE COVERED IN WORKSHOP

1. Introduction to Embedded C
2. Difference between C & Embedded C
3. Embedded C Constructs & Data Formats
4. Mapping 8051 Architecture to Embedded C
5. Introduction to KEIL Cross-Compiler & its features
6. General Discussion & Overview of Embedded Systems



### SPEAKER

**Mr. Prateek K P, B.E.,**Senior Embedded Engineer, Cadd Center-Livewire,  
Kalyan Nagar, Bengaluru - 560 043

### PROGRAM - I

Inauguration

Time: 9:15AM - 9:45AM

### PROGRAM - III

Validator

### PROGRAM - II

**Session-I:** Introduction to Embedded Design program

Time: 10:00AM - 11:00AM

Tea Break: 11:00AM - 11:30AM

**Session-II:** Hands on experience on Embedded System

Time: 11:30AM - 01:00PM

Lunch Break: 1:00PM - 2:00PM

**Session-III:** Embedded hardware program

Time: 2:00PM - 3:30PM

### ORGANIZING MEMBERS

**Dr. Srinidhi K Parthasarathi**

Principal, IADC - A

**Dr. E Parasuraman**

HOD - Electronics, IADC - A

**Mrs. Sherin Nitisha**

Faculty - Electronics, IADC - A

### **Brief details about the event:**

The Electronics department has arranged the special talk on “**One day workshop on Embedded system**” for Indian Academy Degree College- Autonomous (IADC-A) BSc Electronics students. The resource person **Mr. Prateek K P, B.E., from CADD center - Livewire** has taken responsibility for giving a talk on Scope of Embedded systems. The program was organized in three sessions.

### **Session - I**

#### **Introduction to Embedded design program**

He gave an introduction to Embedded design programming . He has explained the programming concept of C & Embedded language. The Programming was done by the students. Students' response was very good with the resource person as it was based on real time experiences.

### **Session - II**

#### **Hands on experience on Embedded System**

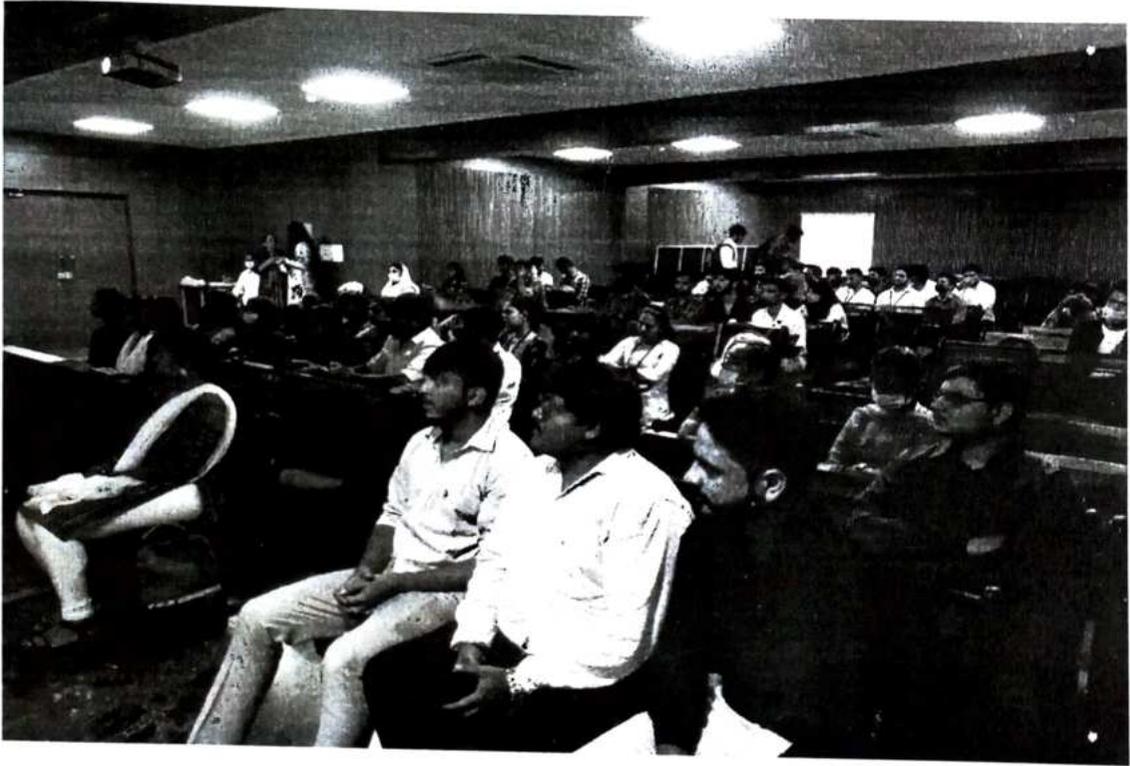
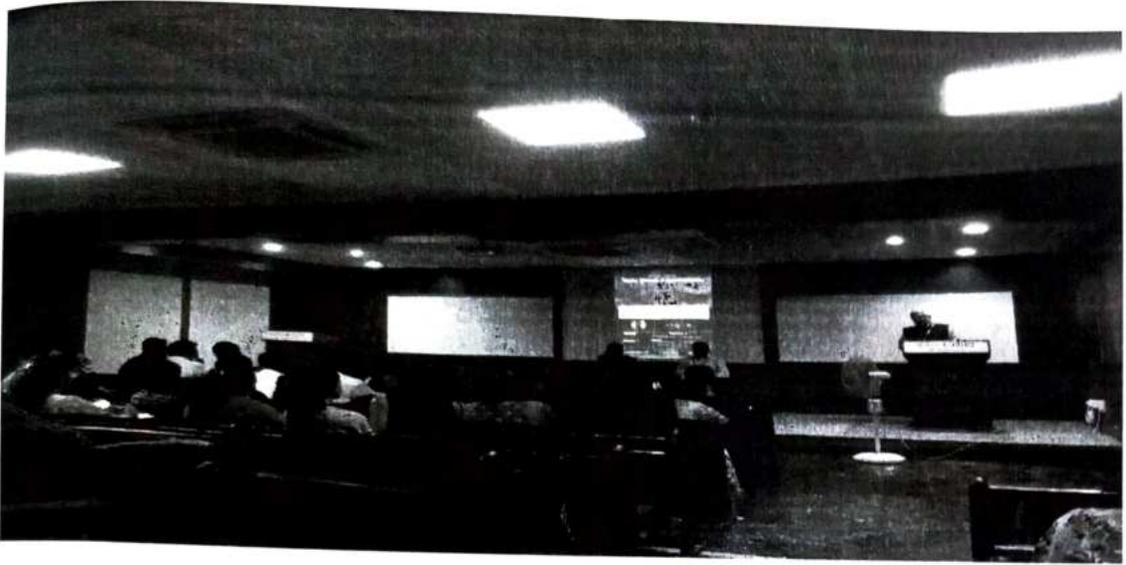
**Embedded systems are the core of every intelligent device.** Everything around you from a simple watch to the spaceship is using Embedded systems. Mobile phones, washing machines, microwave ovens , etc., are having one or the another form of Embedded systems responsible for their intelligent functioning.

### **Session - III**

#### **Embedded hardware program**

Embedded programming is not only with the programming C, also with the hardware. The mapping of 8051 architecture to embedded C is in very much boon. The opportunities toward this are increasing day to day as our world is becoming more technology oriented. Now everything in fingertips as an Embedded system is dashing to the sky.





Faculty Incharge: Sherlin Nitasha

HOD 

HOD  
DEPT. OF ELECTRONICS  
Indian Academy Degree College  
Kalyan Nagar, Bangalore



  
Principal

PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43

# INDIAN ACADEMY

Degree College - Autonomous

## DEPARTMENT OF BIOTECHNOLOGY

**Date:** 28<sup>th</sup> January-2023 - Fertilizer Orientation Programme organized by Fertilizer Association of India in collaboration with GPS Institute of Agricultural Management.

**Programme:** M.Sc. 3<sup>rd</sup> semester students

**Location:** GPS INSTITUTE OF AGRICULTURAL MANAGEMENT #1, Techno Industrial Complex, Peenya Industrial Estate Peenya 1st Stage, BENGALURU – 560 058.

### Objectives of the visit:

1. To impart knowledge on the fertilizer and its nutrient composition for crop production.
2. To provide the students with an opportunity to learn practically through interaction, working methods and employment practices from the orientation.
3. To facilitate the students to better visualize assessing the direct and residual effects of organic and inorganic fertilizer on growth, yield of crops.

### Outcomes of the visit:

The students

1. Imbibe the deeper insight of the fertilizer, its variants, composition of nutrients and application methods.
2. Learn the use of types of fertilizers enhancing crop yield and soil properties while restraining pests and diseases.
3. Develop the composite knowledge of fertilizer users, producers and customer interaction with experts in the concerned field.

**Head of Department, Biotechnology**

Head of the Department  
Department of Biotechnology  
Indian Academy Degree College - Autonomous  
Bangalore - 560 043



**Principal**

27/01/2023

**PRINCIPAL**  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43



THE FERTILIZER ASSOCIATION OF INDIA  
SOUTHERN REGION  
in Collaboration with  
**GPS INSTITUTE OF  
AGRICULTURAL MANAGEMENT**  
(INITIATIVE OF DR. G P SHETTY AGRICULTURE RESEARCH AND EDUCATIONAL TRUST)

We are cordially inviting you for the

# FERTILIZER ORIENTATION PROGRAMME

on 28th January 2023 (Saturday)

VENUE: AUDITORIUM, GPSIOAM, PEENYA, BENGALURU.

## PROGRAMME SCHEDULE

08.30 - 09.00	Registration	13.45 - 14.15	Market Development Activities
09.00 - 09.30	Inaugural Session	14.15- 14.45	Inventory Management and Warehousing
	Technical Sessions	14.45 - 15.15	Direct Transfer of Fertilizer Subsidy to farmers - Issues and Concerns
09.30 - 10.00	Fertilizer Scenario, Policy and It's impact on Soil Health and Balanced Fertilization	15.15 - 15.45	Fertilizer Imports - Operations
10.00 - 10.30	Manufacturing Process of Fertilizers	15.45 - 16.05	Promotional Programmes organized by Fertilizer Industry
10.30 - 11.00	Logistics Operations in Fertilizer Industry Dealer Net Work Development	16.05 - 16.30	Legal aspects under FCO and ECA for fertilizer marketing and distribution
11.00 - 11.30	Financial Aspects of Marketing	16.30 - 17.00	Valedictory Session and Vote of Thanks
11.30 - 12.00	New Generation Fertilizers - Nano Urea	17.00 - 17.15	Tea
12.00 - 12.30	Sale of Fertilizers through PoS Machines		
12.30- 13.00	Marketing Research and Business Intelligence		
13.00 - 13.45	LUNCH BREAK		

Note: Certificate of Participation will be issued to all the students who will be attending the programme.

RSVP

Dr. Prashanth K M

Mob: 9964043468



Scan the QR code for location

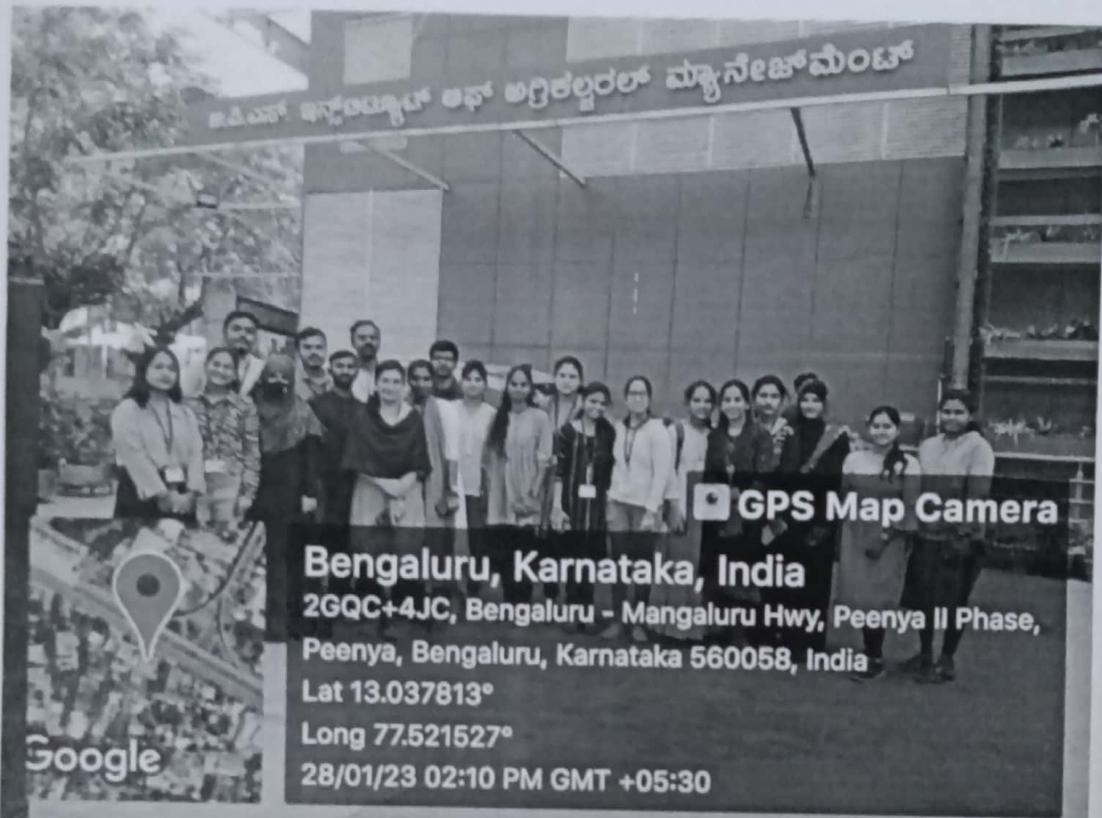
**GPS INSTITUTE OF AGRICULTURAL MANAGEMENT**

#1, Techno Industrial Complex, Peenya Industrial Estate, Peenya 1<sup>st</sup> Stage, Bengaluru - 560 068.  
☎ 086-2972 3543 ☎ +91 70222 51111 ✉ administration@gpsioam.org 🌐 www.gpsioam.org



Sl.No	Reg. No.	Student Name
1	21IAMOS025	Aditya Mandal
2	21IAMOS026	Aimen Nawar
3	21IAMOS027	Aishwarya Puranic
4	21IAMOS028	Archana Kumari
5	21IAMOS029	Ariba Hafeez
6	21IAMOS030	Bhagyashree Mahendran
7	21IAMOS031	Bhanu Shree S
8	21IAMOS032	Bhavani S
9	21IAMOS033	Chandan K
10	21IAMOS034	Chedulla Bhavyasri
11	21IAMOS035	Divya R
12	21IAMOS036	Gokul A
13	21IAMOS037	Jaya Surya Raju K
14	21IAMOS038	Kavyashree L
15	21IAMOS039	Khamnam Urmila Devi
16	21IAMOS040	Kondakamarla Hadiya
17	21IAMOS041	Koppala Padmapriya
18	21IAMOS042	Lavanya LV
19	21IAMOS043	Mallepalli Lokesh
20	21IAMOS044	Manasa N
21	21IAMOS045	Manasa P
22	21IAMOS046	Manasa SG
23	21IAMOS047	Monisha A
24	21IAMOS048	Moolinti Myna
25	21IAMOS049	Navya GN
26	21IAMOS050	Navya HL
27	21IAMOS051	Neemashree N
28	21IAMOS052	Nitesh Gowda S
29	21IAMOS053	Niveditha V
30	21IAMOS054	Pankhi Borah
31	21IAMOS055	Preethi V
32	21IAMOS056	Preeti Sao
34	21IAMOS058	Sankhadip Dolui
35	21IAMOS059	Sara Salomi
36	21IAMOS060	Sathish Maharaya Gavade
37	21IAMOS061	Shwetha GK
38	21IAMOS062	Soniya KM
39	21IAMOS063	Sridhar CA
40	21IAMOS064	Subhankar Pradhan
41	21IAMOS065	Thoti Bhanuprakash
42	21IAMOS066	V Pushpalatha
43	21IAMOS067	Vandana
44	21IAMOS068	Veena N





**GPS Map Camera**  
**Bengaluru, Karnataka, India**  
2GQC+4JC, Bengaluru - Mangaluru Hwy, Peenya II Phase,  
Peenya, Bengaluru, Karnataka 560058, India  
Lat 13.037813°  
Long 77.521527°  
28/01/23 02:10 PM GMT +05:30



**GPS Map Camera**  
**Bengaluru, Karnataka, India**  
No.1, Techno industrial Complex, Peenya 1st Stage, Peenya Industrial  
estate, Peenya police station road, Vivekananda Nagar, Peenya,  
Bengaluru, Karnataka 560058, India  
Lat 13.037696°  
Long 77.521582°  
28/01/23 09:38 AM GMT +05:30



To,  
The Principal  
INDIAN ACADEMY Degree College Autonomous  
BANGALORE.

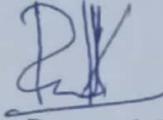
Date: 31-10-2022

Respected sir,

Subject: Requisition for approval for Industrial visit regarding.....

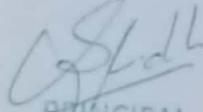
As a part of undergraduate curriculum for III and V Semester students an Industrial visit is been planned on 7<sup>th</sup> November, 2022, Friday to Sri Chamundeswari Sugars Limited, Mandya. The travel agent was asked to provide quote for one day with due consideration into all possible safety details and economics for the visit. The quote provided by the travel agent is attached herewith this letter for your perusal. Also, would like to mention that the students (45 no.s) were informed about the details of the industrial visit. So, with all the preparation required for would like to request for an approval of the visit.

Thanking you



Dr. Paramesh H.  
Head of the Department  
Department of Biotechnology  
Indian Academy Degree College - Autonomous  
Bangalore - 560 043

OK.



PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43



# INDIAN ACADEMY

Degree College - Autonomous

## DEPARTMENT OF BIOTECHNOLOGY

31-10-2022

### CIRCULAR

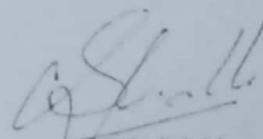
**Date of visit:** 07-11-2022

**Programme:** B. Sc. 3<sup>rd</sup> and 5<sup>th</sup> semester students

Department of Biotechnology is organizing an industrial visit for B.Sc. 3<sup>rd</sup> and 5<sup>th</sup> semester students on November 7<sup>th</sup>, 2022 to Sri Chamundeswari Sugars Limited. Bharathi Nagar (K M Doddi) Mandya District, Karnataka - 571 422, India. The class teachers of respective classes kindly permit them with attendance.

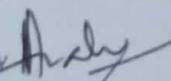
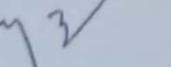


**HOD, Biotechnology**  
head of the Department  
Department of Biotechnology  
Indian Academy Degree College - Autonomous  
Bangalore - 560 043



**Principal**  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43

CC to

HoD, Dept. of Biochemistry   
HoD, Dept. of Chemistry   
HoD, Dept. of Genetics 

HoD, Dept. of Microbiology   
HoD, Dept. of Zoology 



# INDIAN ACADEMY

Degree College - Autonomous

## DEPARTMENT OF BIOTECHNOLOGY

**Date:** 07<sup>th</sup> November-2022

**Programme:** B.Sc. 3<sup>rd</sup> and 5<sup>th</sup> semester students

**Location:** Sri Chamundeswari Sugars Limited. Bharathi Nagar (K M Doddi) Mandya District, Karnataka - 571 422, India.

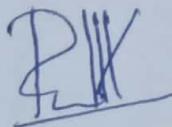
### Objectives of the visit:

1. To provide a technical exposure to the students about the manufacturing process and technology of sugar from sugarcane.
2. To inculcate the students with an opportunity to learn practically through interaction, working methods and employment practices.
3. To enable the students to better visualize what they have learned in classroom to the real industrial situations.

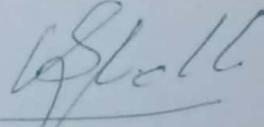
### Outcomes of the visit:

The students

1. Understand the technical procedure, tools and methodology of manufacturing sugar from sugarcane.
2. Learn the skills, interacting with the industrial experts, imbibe the methods followed and gain the knowledge of practices followed in the industry.
3. Observe and realize the practicality of the work flow and the complete production cycle followed in actuals at site of production to that of learnt in the classroom.

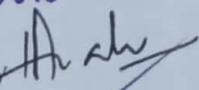


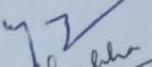
Head of Department, Biotechnology  
Department of Biotechnology  
Indian Academy Degree College - Autonomous  
Bangalore - 560 043

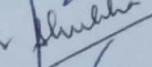


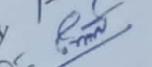
Principal  
PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43

CC to

HoD, Dept. of Biochemistry 

HoD, Dept. of Chemistry 

HoD, Dept. of Genetics 

HoD, Dept. of Microbiology 

HoD, Dept. of Zoology 



# INDIAN ACADEMY

Degree College - Autonomous

## DEPARTMENT OF BIOTECHNOLOGY

**Date:** 07<sup>th</sup> November-2022

**Programme:** B.Sc. 3<sup>rd</sup> and 5<sup>th</sup> semester students

**Location:** Sri Chamundeswari Sugars Limited. Bharathi Nagar (K M Doddi) Mandya District, Karnataka - 571 422, India.

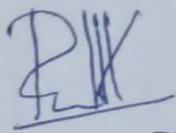
### Objectives of the visit:

1. To provide a technical exposure to the students about the manufacturing process and technology of sugar from sugarcane.
2. To inculcate the students with an opportunity to learn practically through interaction, working methods and employment practices.
3. To enable the students to better visualize what they have learned in classroom to the real industrial situations.

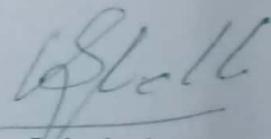
### Outcomes of the visit:

The students

1. Understand the technical procedure, tools and methodology of manufacturing sugar from sugarcane.
2. Learn the skills, interacting with the industrial experts, imbibe the methods followed and gain the knowledge of practices followed in the industry.
3. Observe and realize the practicality of the work flow and the complete production cycle followed in actuals at site of production to that of learnt in the classroom.

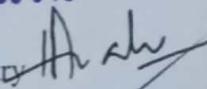


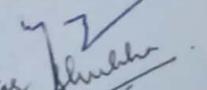
Head of Department, Biotechnology  
Department of Biotechnology  
Indian Academy Degree College - Autonomous  
Bangalore - 560 043

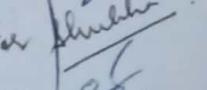


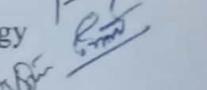
Principal  
PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BANGALORE - 43

CC to

HoD, Dept. of Biochemistry 

HoD, Dept. of Chemistry 

HoD, Dept. of Genetics 

HoD, Dept. of Microbiology 

HoD, Dept. of Zoology 