



UNIVERSITY OF AGRICULTURAL SCIENCES, BANGALORE
College of Agriculture, GKVK, Bengaluru-560 065

Dr.N.B.Prakash, Dean(Agri.)

No.D (Agri.)B/Visit/MS.Ramaiah/2024-25 / 703

02.07.2024

Dear Sir / Madam,

Sub: Visit by student & staff of MS Ramaiah, College of Arts, Science & Commerce, Bengaluru-54-reg.
Ref: Your e-mail. Dated: 01.07.2024

B.Sc. Life Science Students (100 Nos.) and faculty / staff (04 Nos.) of MS Ramaiah, College of Arts, Science & Commerce, Bengaluru-54 are permitted to visit the Dept. of Biotechnology, Apiculture & Food Science & Nutrition, College of Agriculture, GKVK, Bengaluru on **05.07.2024 at 09:30am.**

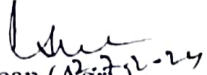
In this regard, you are required to remit Rs. 2,800/- (Rupees Two Thousand Eight Hundred only) by cash, on the day of your visit as fees, towards the visits to Deputy Comptroller, College of Agriculture, GKVK, Bangalore.

Arrangements have been made for the visit.

It is the discretion of the University to cancel the visit without prior intimation at any time due to unforeseen circumstances.

With regards,

Yours sincerely,


Dean (Agri.)
Dean (Agri.)
College of Agriculture
UAS, GKVK, Bengaluru-560 065

To,

Dr. Radha Dayanidhi,
Head (UG),
Dept. of Biotechnology & Genetics,
MS Ramaiah, College of Arts, Science & Commerce, Bengaluru-54
(M: 9449350912) (e-mail: radha_biotech@msrcasc.edu.in)

- Copy to: 1 Prof. & Head, Dept. of Forestry & Environmental Science, CoA, GKVK with a request to arrange for the visitors on the above mentioned dates.
2. Prof. & Head, Dept. of Biotechnology, Apiculture & Food Science & Nutrition, CoA, GKVK with a request to explaining the activities to the visitors on the above mentioned date.
3. Deputy Comptroller, Accts. Sec., CoA, GKVK to collect the requisite fees.
4. File.



RAMAIAH
College of Arts, Science
& Commerce

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M S Ramaiah College of Arts, Science and Commerce
Re-accredited 'A' by NAAC, Permanently Affiliated to Bengaluru City University,
Approved by Government of Karnataka, Approved by AICTE, New Delhi,
Recognized by UGC under 2f & 12B of UGC act 1956



Department of
BioTechnology,
Government
of India

INSTITUTIONAL VISIT REPORT

Report on Institutional Visit to GKVK, University of Agricultural Sciences, Bangalore

Date: July 5, 2024

Attendees: B.Sc. VI Semester Students (Section A and B)

Introduction:

On July 5, 2024, the B.Sc. VI semester students of our institution had the privilege of visiting the GKVK campus of the University of Agricultural Sciences in Bangalore. The visit was organized to provide students with practical insights and hands-on experiences in various aspects of agricultural sciences. The departments we visited included Biotechnology, Food and Nutrition, and Apiculture. Each department provided us with valuable information and demonstrations relevant to their fields.

Biotechnology Department:

Our visit commenced with the Biotechnology Department, where we were introduced to the state-of-the-art research labs and the instrumentation lab. The faculty members explained the ongoing research projects and showcased various instruments used for biotechnological research.



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Research Labs: We observed the various experiments being conducted, focusing on genetic engineering and molecular biology.

Instrumentation Lab: The lab was equipped with advanced instruments like PCR machines, spectrophotometers, and centrifuges. The faculty explained the working principles and applications of these instruments.

Transgenic Plant Section: We were shown the transgenic plants developed for improved traits such as pest resistance and higher yield. The faculty explained the process of creating transgenic plants and their potential benefits for agriculture.



Food and Nutrition Department:



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Next, we visited the Food and Nutrition Department, where the focus was on food safety and testing techniques.

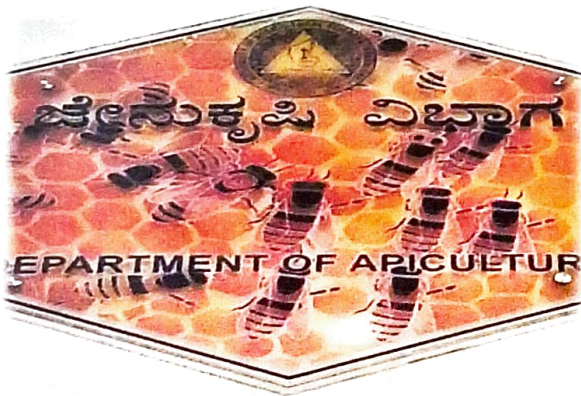
Food Safety: The faculty discussed various methods to ensure food safety, including microbial testing, chemical analysis, and sensory evaluation.

Testing Techniques: We were given a demonstration of techniques such as chromatography, mass spectrometry, and enzyme-linked immunosorbent assay (ELISA) used for detecting contaminants and ensuring food quality.

Apiculture Department:

The final part of our visit was to the Apiculture Department, where we learned about beekeeping and honey production.

Museum: The department had a museum displaying all stages of the bee life cycle, including the worker bee, queen bee, and drones. We learned about the roles of different types of bees in the hive.



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Vatsoala G
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Field Demonstration: We were taken to the field to observe the bees in their natural habitat. The faculty demonstrated the identification of the queen bee and worker bees, the process of collecting honey, and the egg-laying behavior of the queen bee.

Bee Life Cycle and Honey Collection: We witnessed a live demonstration of how to collect honey and were educated on the methods used to trap and process bees.



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M.S RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE

Department of Biotechnology & Genetics

B.SC VI SEMESTER -A SECTION

INSTITUTIONAL VISIT TO GKVK- (Department of Biotechnology, Apiculture & Food and Nutrition)

July 5, 2024

Sl No.	Register No.	Name of the student	Signature
1.	U18EV21S0221	AATHIRA S	Aathira
2.	U18EV21S0279	AAYUSHI INDLA	Aayushi
3.	U18EV21S0260	AFRAN PASHA	Afran
4.	U18EV21S0278	AKSHITHA E	Akshitha
5.	U18EV21S0222	ALAINA KHAN	Alaina Khan
6.	U18EV21S0261	ALIYA KHAN S	Aliyakhans
7.	U18EV21S0249	AMOGHAVARS HA B S	Amoghavars
8.	U18EV21S0243	AMRUTH N	Amruth
9.	U18EV21S0306	ANANYA G	Ananya
10.	U18EV21S0267	ANJALI SHIBU	Anjali
11.	U18EV21S0344	ANKITHA B	Ankitha
12.	U18EV21S0324	ANUSHKA Y S	Anushka
13.	U18EV21S0141	ARCHANA M	Archana
14.	U18EV21S0326	ARPITHA S DANDIN	
15.	U18EV21S0309	ARPITHA SINGH	Arpitha
16.	U18EV21S0349	ARSHIYA FATHIMA	
17.	U18EV21S0337	BHAVYASHREE A	Bhavyashree
18.	U18EV21S0182	BOLLA BHAVANI MADHU MEGHANA	
19.	U18EV21S0287	CHAHAT SINGH	Chahat
20.	U18EV21S0316	CHAITANYA M	Chaitanya
21.	U18EV21S0158	CHARITHA P	Charitha
22.	U18EV21S0302	CHETHAN G	Chethan
23.	U18EV21S0228	CHIRAG U K	Chirag
24.	U18EV21S0195	DARSHANA C	Darshana
25.	U18EV21S0314	DARSHINI G	Darshini
26.	U18EV21S0322	DEEPTANGI P MANGSULI	Deeptangi
27.	U18EV21S0281	DHANUSH KUMAR REDDY P	Dhanush
28.	U18EV21S0145	DHANUSHREE NK	Dhanushree
29.	U18EV21S0154	DHANYAREDDY G P	Dhanyareddy

30	U18EV21S0288	E S JAHNAVI	Jahnavi CS
31	U18EV21S0212	EMANI AKHILA	Akhila
32	U18EV21S0190	ESHITA S	Eshita
33	U18EV21S0262	FAIZA KHAN J	Faizal Khan
34	U18EV21S0138	GAGANA K	Gagana
35	U18EV21S0286	GAURAV SINGH R	Gaurav
36	U18EV21S0230	GOPIKA G	Gopika
37	U18EV21S0341	GOVARDHANA V	Govardhana Govardhana V
38	U18EV21S0253	GOWTHAM R	Gowtham R
39	U18EV21S0325	GOWTHAMI M	Gowthami
40	U18EV21S0247	GURPREET KAUR	Gurpreet
41	U18EV21S0269	HIMAMSHU M	Himamshu
42	U18EV21S0231	ISHA RAJ	Isha R
43	U18EV21S0305	J SHIKI HARIKA	Jishi
44	U18EV21S0297	JAHNAVI T A	Jahnavi TA
45	U18EV21S0146	JEEVITA L	Jeevita L
46	U18EV21S0318	JYOTHIKA JAIDEEP	Jyothika
47	U18EV21S0313	KALPITHA S U	Kalpidha
48	U18EV21S0265	KARTHIK	Karthik
49	U18EV21S0263	KARTHIK U	Karthik U
50	U18EV21S0139	KAVYA M	Kavya M
51	U18EV21S0216	KAVYA P	Kavya P
52	U18EV21S0239	KAVYA SOMASHEKHAR SHETTAR	Kavya S
53	U18EV21S0329	KOTAPATI SUDHEER	Sudheer
54	U18EV21S0188	KRUTHI N SHARMA	Kruthi N
55	U18EV21S0254	LAVANYA A K	Lavanya A K
56	U18EV21S0303	LEKHANA V	Lekhana
57	U18EV21S0342	MEGHA H R	Megha HR
58	U18EV21S0177	MICHELLE SARAH ROY	Michele
59	U18EV21S0179	MIDUTHURI KARTHIKEYA	Karthikeya
60	U18EV21S0227	MITHVIK V	Mithvik
61	U18EV21S0319	MOHAMMED FAISAL S	Mohammed
62	U18EV21S0334	MUKTHA SHREE K R	Muktha
63	U18EV21S0282	MYTHRI M	Mythri
64	U18EV21S0194	NABOMITA MAITY	Nabomita

65	U18EV21S0331	NANDINI R	<i>Nandini</i>
66	U18EV21S0272	NAYANA SHREE S N	<i>Nayan</i>
67	U18EV21S0311	NEJUMA N	<i>Nejuma</i>
68	U18EV21S0173	NELLORE LAKSHMI BHAVANI	<i>Nellore</i>
69	U18EV21S0250	NIHA FATHIMA M	<i>Niha</i>
70	U18EV21S0321	NIMMAGADDA ANUSHA DEVI	<i>Anusha</i>
71	U18EV21S0275	NISARGA B	<i>Nisarga</i>
72	U18EV21S0336	NISHA JAGANNATH	<i>Nisha</i>
73	U18EV21S0270	PALLAPU VADDI DEEPIKA	<i>Deepika</i>
74	U18EV21S0218	PALLAVI B	<i>Pallavi</i>
75	U18EV21S0252	PODELLA ANVESH	<i>Anvesh</i>

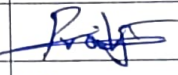
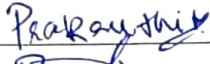


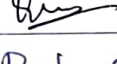
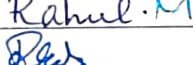

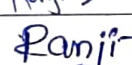
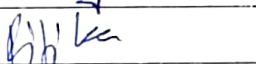
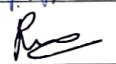
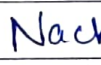
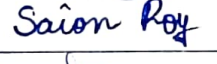

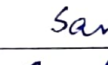
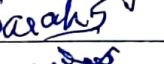
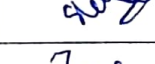
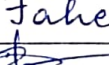

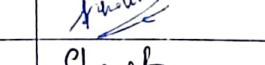
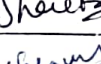
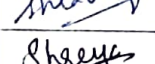
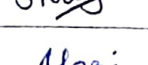
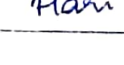

M.S RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE

Department of Biotechnology & Genetics

B.SC VI SEMESTER B SECTION

INSTITUTIONAL VISIT TO GVKK- (Department of Biotechnology, Apiculture & Food and Nutrition)

July 5, 2024

Sl No.	Register No.	Name of the student	Signature
1.	U18EV21S0151	PRAJWAL M	
2.	U18EV21S0301	PRAKRUTHI M	
3.	U18EV21S0256	PRASHANTH B	
4.	U18EV21S0333	PREETHI P	
5.	U18EV21S0294	QUEENCY RAINA	
6.	U18EV21S0245	RAHUL M	
7.	U18EV21S0243	RIA RAGHU	
8.	U18EV21S0163	RANJITHA	
9.	U18EV21S0298	RANJITHA M	
10.	U18EV21S0354	RITIKA GUPTA	
11.	U18EV21S0327	ROOPA SHREE G	
12.	U18EV21S0257	S NACHIKETA	
13.	U18EV21S0235	SAION ROY	
14.	U18EV21S0224	SANCHITA SINGH	
15.	U18EV21S0233	SANJAY N	
16.	U18EV21S0160	SARAH SHAIK	
17.	U18EV21S0236	SHABAZ SAKKEER	
18.	U18EV21S0219	SHAIK FAHED HUSSAIN	
19.	U18EV21S0150	SHAKTHI KUMAR M	
20.	U18EV21S0317	SHALINI S	
21.	U18EV21S0201	SHEETAL K	
22.	U18EV21S0320	SHRAVYA M V	
23.	U18EV21S0157	SHREYA J M	
24.	U18EV21S0196	SHRI HARI M MAYYA	

25.	U18EV21S0136	SHRUTHI S	Shruthi
26.	U18EV21S0259	SIDHARTH C RAJESH	Sidharth
27.	U18EV21S0215	SONY S VARGHESE	Sony
28.	U18EV21S0205	SPOORTHI P	Spoorthi P
29.	U18EV21S0191	SRI VIDHYA S	Sri Vidhya
30.	U18EV21S0276	SUBHAYU GANGULY	Subhayu G
31.	U18EV21S0308	SUHAS R	Suhas R
32.	U18EV21S0310	SUSHMA N	Sushma
33.	U18EV21S0268	SYED JAFFER RAZA	Jaffer
34.	U18EV21S0273	SYED NABEEL ASHRAF	Nabeel
35.	U18EV21S0290	TEJASWINI	Tejaswini
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37.	U18EV21S0280	TRUPTI M HUGGE PATIL	Trupti
38.	U18EV21S0346	UJJWAL	Ujwal
39.	U18EV21S0332	USHA RAJ H R	Usha Raj H R
40.	U18EV21S0289	VACHAN L	Vachan
41.	U18EV21S0307	VARSHA P	Varsha P
42.	U18EV21S0291	VARSHA S R	Varsha SR
43.	U18EV21S0304	VASUDHA K	Vasudha
44.	U18EV21S0284	VENKATAGIRI KIRTHANA SINDHU SHREE	Keerthana
45.	U18EV21S0293	YASHASWINI C R	Yashaswini
46.	U18EV21S0246	YASHASWINI K N	Yashaswini - KN
47.	U18EV21S0300	YESHASWINI G	Yeshaswini G
48.	U18EV21S0271	KONDARAJU MEGHANA	Meghana
49.	U18EV21S0266	KEERTHI MIRYALA	Keerthi
50.	U18EV21S0255	ARDR RAVEENDRAN K	Ardr
51.	U18EV21S0285	KAVITHA K	Kavitha

52.	U18EV21S0328	TALARI NIHARIKA	T. Niharika
53.	U18EV21S0198	JEEVITHA V	Jeevitha
54.	U18EV21S0330	NEVEDITHA A	Neveditha
55.	U18EV21S0335	DASARI VENKATA PUJITHA	Pujitha
56.	U18EV21S0343	SUCHITRA S	Suchitra
57.	U18EV21S0248	AYAAN REHMAN	Ayyaan
58.	U18EV21S0353	VEDASHREE	Vidya
59.	U18EV21S0300	Yashaswini G	Yashaswini G.
60.	U18EV21S0143	VIBHAV G P	Vibhav
61.	U18EV21S0148	VARSHA K V	Varsha
62.	U18EV21S0174	KRISHNA CHIRAG SHAH	Krishna
63.	U18EV21S0202	SAHANA M	Sahana .M.
64.	U18EV21S0260	AFRA TAMEEZ	
65.	U18EV21S0264	GOKUL KRISHNA K K	Gokul
66.	U18EV21S0315	YESHASWINI M	Yeshu .M
67.	U18EV21S0339	TEJASWINI K S	Tej .K.S.
68.	U18EV21S0356	MEGHA KEDIA	Megha
69.	U18EV21S0358	VARADA SRI LAXMI KRUTI	Varada