



# ST FRANCIS DE SALES COLLEGE

Permanently Affiliated to Bangalore University || AICTE Approved | Electronic City, Bengaluru - 100

Reaccredited by NAAC with 'B++' Grade || Recognised under section 2(f) & 12(b) of the UGC Act || An ISO 9001: 2015 Certified Institution

A FRANSALIAN INSTITUTE OF HIGHER LEARNING

## Report on Industrial Visit – Visvesaraya Muesum

Title	“Explore the Science Behind Technology”
Date of Event(s) & Time	22 July, 2022
Department / Association /Cell / Committee	Computer Applications
Venue (Mention the platform if it is Online)	Visvesvaraya Industrial & Technological Museum
Number of Participants	97
Target Audience	2nd SEM & 4 <sup>TH</sup> SEM

The Department of Computer Applications organised industrial visit to the Visvesvaraya Industrial & Technological Museum . Bengaluru for an industrial visit on **22 July, 2022. (Friday)** for 2nd sem & 4th sem BCA students. The main objective of this visit was to “Explore the Science Behind Technology”

The Science Behind Technology follows the intertwined histories of science, technology, and society, focusing mainly on the technology of communication. It elucidates how technological developments are inspired by scientific investigations and these investigations are inspired by inventive technology. Prof Lakshmi CB, Prof Saranya & Prof Gowthami accompanied students to the industrial visit. Students were taken to cubbon park where few team building activities were conducted and they participated enthusiastically.

*C. Saranya*

**COORDINATOR**  
Department of Computer Applications  
St. Francis de Sales College  
Bengaluru - 560 100.

*Sailaja*

**HEAD**  
Department of Computer Applications  
St. Francis de Sales College  
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www.sfscollge.in



Following are the activities explored by the students

- Tara Mandal Show
- Sky Observation Programme
- Popular Science Lecture
- Commemorative Programme
- Wright brothers aeroplane
- Science on a Sphere
- Dinosaur Enclave
- Space Technology Gallery

About Museum:

Visvesvaraya Industrial and Technological Museum, Bangalore (VITM), a constituent unit of National Council of Science Museums (NCSM), Ministry of Culture, Government of India, was established in memory of Bharat Ratna Sir M. Visvesvaraya. A modest building with a built up area of 4000 sq. mtrs., was constructed in the serene surrounding of the Cubbon Park, housing various industrial products and engines, which was opened by the first Prime Minister of India, Pandit Jawaharlal Nehru on 14.07.1962.

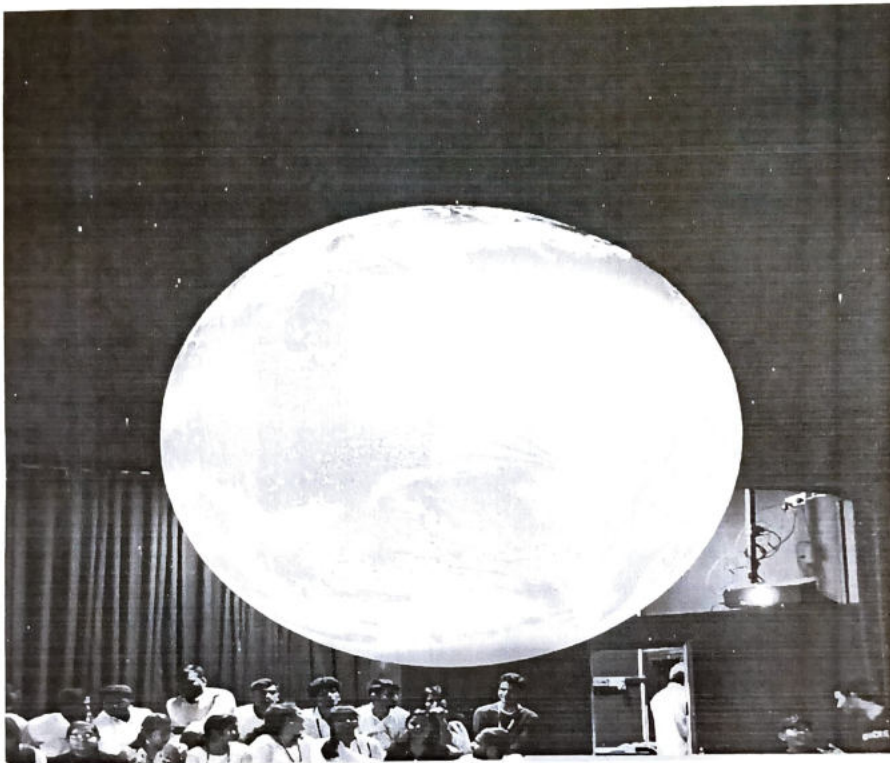
The first gallery set up at VITM on the theme Electricity was opened to the public on 27.07.1965 by the then Union Minister for Information & Broadcasting & Bharat Ratna Indira Gandhi.

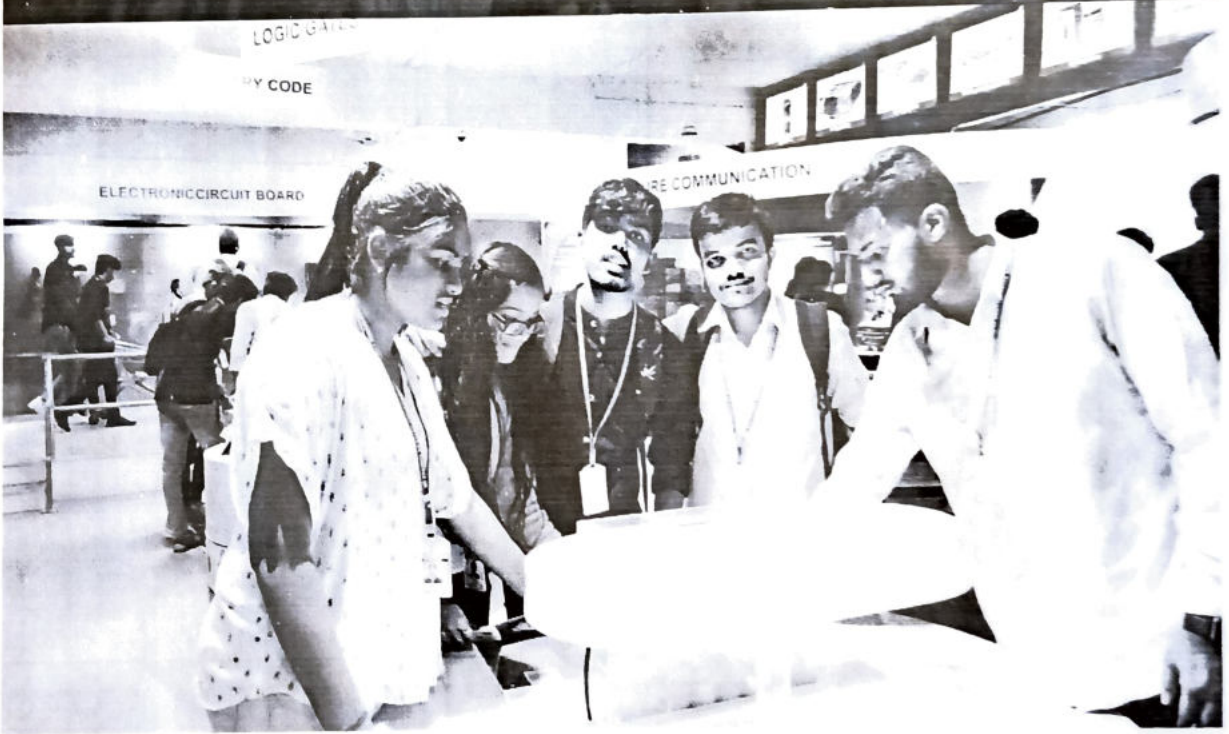
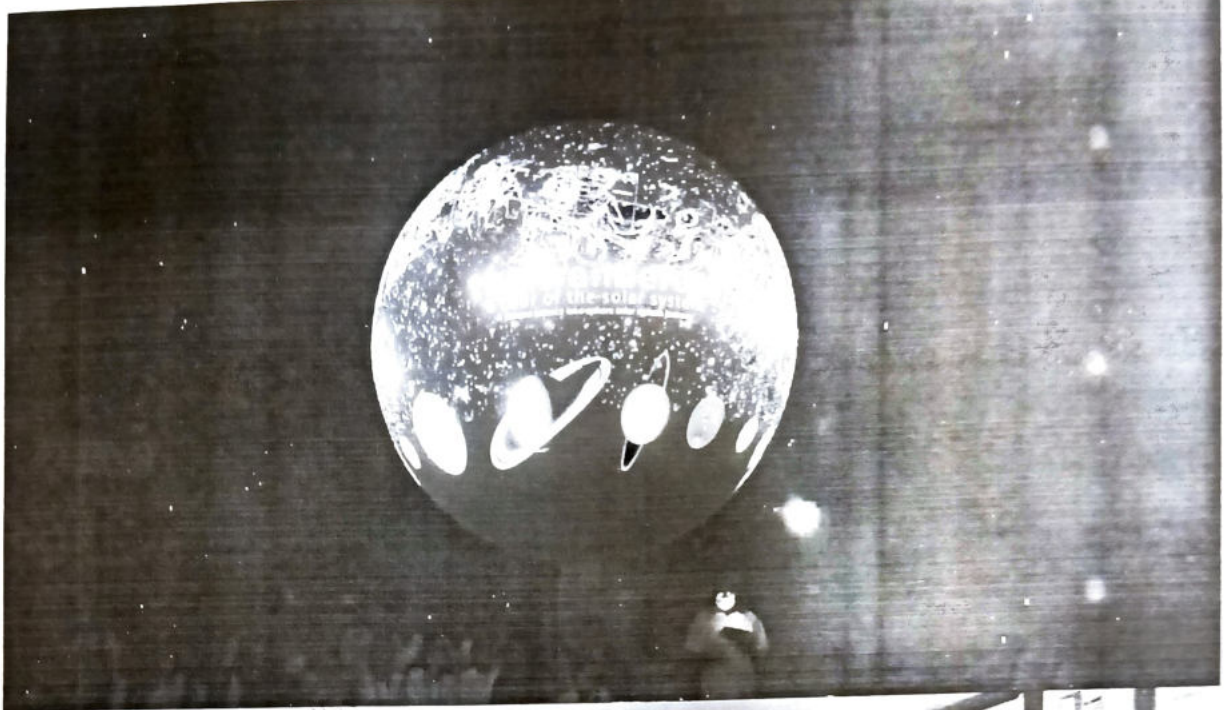
Students explored the space gallery, following are the learning experience

- *Engine Hall* exhibits engines of various cars, machines used in industry, a jet aircraft engine, and other mechanical devices.
- The *How Things Work* gallery is an attempt to explain the fundamentals of machines through interactive exhibits. Exhibits include the pulley system, gears, different ways of transferring motion, reducing effort by levers, inclined planes, and screws. Another section deals with the application of these simple machines in daily life.
- The *Fun Science gallery* that displays exhibits on the science of sound, optics, fluids, math and perception.
- The *Electro Technic Gallery* contains interactive electrical exhibits which work on the basic principles of electricity, electronics and communication. A renovated version of the Electro Technic gallery was opened to public on 8 April 2010. This gallery exhibits the classical experiments like Oersted's experiment, Barlow's wheel, and Faraday's ring. A demonstration on electrostatics, which includes a Tesla coil and a Van de Graaff generator is on display.
- The *Space – Emerging Technology in the Service of Mankind* gallery showcases the achievements of the Indian Space Program. It was inaugurated on 19 June 1999. The Gallery was renovated with guidance of Indian Space Research Organization and reopened as *Space Technology* on 28 November 2017 by A. S. Kiran Kumar and Krishnaswamy Kasturirangan. It is the first Science Gallery in India dedicated to Space and Space Technology.
- The *Biotechnological Revolution* hall has exhibits on the basics of biotechnology and its applications, including human genome sequencing. It opened on 4 January 2003. This exhibition has been renovated with new interactive exhibits and displays. This new-look exhibition was opened to public as 'Biotechnology' Gallery on 15 February 2021.
- The *BEL Hall of Electronics* was inaugurated on 29 June 2004 in collaboration with Bharat Electronics Ltd (BEL). This gallery has exhibits on the basic principles of electronics and information technology.

- The 'Science for Kids' gallery was inaugurated on 19 April 2019. There are exhibits on Our Senses, about animals, colours, light, sound etc. apart from interactive toys. There is an exhibit where kids can take photos of themselves with life-size animal models. 'Mirror maze' is another attraction in this gallery.
- The *Dinosaur Alive* exhibit has a moving replica of a Spinosaurus. This pneumatically operated dinosaur can move its head, hands and tail and roll its eyes at the visitors.
- The *Science on a Sphere* facility was opened on 28 July 2014, in celebration of the golden jubilee of VITM.
- The *Wright Brothers* exhibit, also added in 2014, includes a 1:1 scale model of the Wright Brothers' Flyer, fabricated in-house, and a flight simulator.

The visit has promoted them to unknown worlds, spark their imagination and provide them with valuable learning experiences.







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### IV – SEMESTER Students List:

S.NO	ROLL NO	NAME OF STUDENT	SIGNATURE	SIGNATURE
1.	20D003K	AKASH S K		
2.	20D005E	ANKUR SINGH S		Ankur Singh
3.	20D008K	BHOOMIKA B S		
4.	20D009H	BIBI FATHIMA S	Bi Bi fathima s	Bi Bi fathima s
5.	20D010K	CHANDANA K		
6.	20D011H	GEBIN GEORGE		
7.	20D012H	GEORGE BUSH R		
8.	20D014K	HARSHITHA D	Harshitha	
9.	20D015K	HARSHITHA G		
10.	20D016H	JABEENA PARVEEN	Jabeena	
11.	20D019H	JOSEPH ARUL RAJ A		
12.	20D020H	JYOTHIKUMARI B	Jyothi	
13.	20D022H	KAVYASHREE T	Kavya	Kavya
14.	20D023H	LAVANYA A		
15.	20D024K	LIKITHA T	Likitha	Likitha
16.	20D025TA	LOKESH M	Lokesh	
17.	20D028H	MOHAMMED IRFAN S	Irfan	Irfan
18.	20D029K	MOHAMMED MUBARAK A	Mubarak	Mubarak
19.	20D032K	PRASHANTH D	Prashanth D	Prashanth D
20.	20D036K	SHREYA BANDEKAR	Shreya	Shreya
21.	20D036K	SIMRAN R H	Simran	Simran
22.	20D038K	SOUNDARYA G	Soundarya	Soundarya
23.	20D038K	SURENDAR K	Suren	Suren
24.	20D041K	VAISHNAVI S	Vaish	Vaish
25.	20D040K	VIGNESH M	Vignesh	Vignesh
26.	20D041K	YASHASWINI T	Yashaswini	Yashaswini
27.	20D042K	YAZHINI A P	Yazhini	Yazhini

Indian Express  
S... ..

Time:

Ticket Number: 440507

50 A + 0 C

₹ 30

₹ 1500

St. Francis De Sales College, Electronic City, Bangalore-56010  
ENTRY TO

SOS - 09:45

Penalty of 2 times app.  
FASTag Vehicles entering Fastag lanes as per  
Govt of India Order No GSR.690(E) dt:06-11-20



National Highway Authority of India

Bangalore Elevated Tollway Pvt Ltd

Toll Plaza Name	: Electronic City
Section	: 18+765 TO 18+750
Ticket No.	: 12101239715
Booth & Opr No.	: UR-BLR-L01-10500111
Date & Time	: 22-Jul-2022 16:41:53
Vehicle No.	: KA510 5011
Type of Vehicle	: LCV
Type of Journey	: SINGLE CASH
Fee	: Rs.85
Non Fastag Penalty	: Rs.85
TOTAL FEE	: Rs.170

WISH YOU SAFE & HAPPY JOURNEY!

NHAI TOLL FREE NO. 1033

No Cash payments From 1st January 2021 All  
Toll fee payments via fastag Only w.e.f 01-Jan-21

Penalty of 2-Times applicable for any NON-  
FASTag Vehicles entering Fastag lanes as per  
Govt of India Order No GSR.690(E) dt:06-11-20



Visvevsvaya Industrial and Technological Museum  
Kasturb Road, Bangalore - 560001

Date  
22-07-2022

Time:  
12:55:47

Ticket Number: 440506

50 A + 0 C

₹ 30

₹ 1500

*St. Francis De Sales College, Electronic City, Bangalore-560100*  
ENTRY TO

SOS - 15:00

List of Students from 2<sup>nd</sup> Sem BCA

S.No.	Reg.No.	Name
1.	U03MB21S0046	ANU A
2.	U03MB21S0049	AKSHAY D
3.	U03MB21S0050	ALEX LEO M
4.	U03MB21S0074	ARPITHA K N
5.	U03MB21S0075	AMBROSE R
6.	U03MB21S0076	AKSHATHA D B
7.	U03MB21S0077	ARPIT SHARMA
8.	U03MB21S0078	ASHWINI P
9.	U03MB21S0080	BHIMANA GOWDA Y
10.	U03MB21S0081	BHAVANA D
11.	U03MB21S0082	BHARGAVI R
12.	U03MB21S0083	CETHANA B
13.	U03MB21S0084	DEEPAK L
14.	U03MB21S0085	DEVI PRIYA R
15.	U03MB21S0086	DEVIKA M
16.	U03MB21S0087	GOWTHAMI V S
17.	U03MB21S0088	HASEEBA AFREEN I
18.	U03MB21S0089	KISHORE BABU R
19.	U03MB21S0090	LOGESHWARE B
20.	U03MB21S0091	NITHISH KUMAR R
21.	U03MB21S0092	NARESH BABU M
22.	U03MB21S0093	PATRICK IMMANUEL DAVID N
23.	U03MB21S0094	PAVAN K
24.	U03MB21S0095	POORNIMA S
25.	U03MB21S0097	PRAVEEN B
26.	U03MB21S0098	RAMYA
27.	U03MB21S0099	RAVICHANDRA M R
28.	U03MB21S0100	RAVI KUMAR
29.	U03MB21S0101	RAKSHITHA S
30.	U03MB21S0103	SHERWIN ANTONY
31.	U03MB21S0104	SAHANA B
32.	U03MB21S0105	S CHARAN

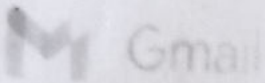
33.	U03MB21S0107	SAMI PHREIM WILLIAM
34.	U03MB21S0108	SANGEETHA
35.	U03MB21S0109	SHIKHA
36.	U03MB21S0110	SHILPA A
37.	U03MB21S0111	SINDHU L
38.	U03MB21S0112	SWATHI M P
39.	U03MB21S0113	SWETHA K S
40.	U03MB21S0114	SYED ABUSUFFIYAN H
41.	U03MB21S0115	SNEHA A
42.	U03MB21S0116	THANISHA S
43.	U03MB21S0117	THARUN D
44.	U03MB21S0118	VANDANA S
45.	U03MB21S0119	VANISHREE R
46.	U03MB21S0120	YASHASWINI M
47.	U03MB21S0121	YATHIN SUHAS Y
48.	U03MB21S0122	NAGESH K
49.	U03MB21S0123	NAGARJUN N
50.	U03MB21S0124	MAHALAKSHMI R
51.	U03MB21S0125	MITHUN M
52.	U03MB21S0126	AKSHAYA M R
53.	U03MB21S0127	APARNA K C
54.	U03MB21S0128	KUMAR SWAMY P
55.	U03MB21S0129	NIDHIN V RAJESH
56.	U03MB21S0130	ABHIJITH K S
57.	U03MB21S0131	SAKTHI P
58.	U03MB21S0132	SREE HARAN M
59.	U03MB21S0133	ANKIT ROY
60.	U03MB21S0134	STANIA MARY ISAC
61.	U03MB21S0135	THANUJ R
62.	U03MB21S0136	VASANTH R
63.	U03MB21S0137	T ANWAR BASHA

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### List of Students from 4<sup>th</sup> Sem BCA

S.No.	Roll Number	Name
1.	20NCSB7001	ABINS K CHACKO
2.	20NCSB7002	ADARSH SHIVAN
3.	20NCSB7003	AKASH S K
4.	20NCSB7004	ALAN M JIMMY
5.	20NCS87005	ANKUR SINGH S
6.	20NCS87006	ARUN A
7.	20NCS87007	BALASUNDER V
8.	20NCSB7009	BHOOMIKA B S
9.	20NCS87010	BIBI FATHIMA S
10.	20NCS87012	CHANDANA K
11.	20NCSB7013	GEBIN GEORGE
12.	20NCS87014	GEORGE BUSH
13.	20NCSB7017	HARSHITHA D
14.	20NCS87018	HARSHITHA G
15.	20NCSB7020	JABEENA PARVEEN
16.	20NCSB7021	JAYA KUMAR S
17.	20NCSB7022	JITHIN SHAJI
18.	20NCS87023	JOSEPH ARUL RAJ
19.	20NCSB7024	JYOTHIKUMARI D
20.	20NCSB7026	KAVYASHREE T
21.	20NCSB7027	LAVANYA A
22.	20NCSB7028	LIKITHA T
23.	20NCSB7029	LOKESH M
24.	20NCSB7030	MAHENDRA N
25.	20NCSB7031	MAHESH C
26.	20NCSB7033	MOHAMMED IRFAN S
27.	20NCSB7034	MOHAMMED MUBARAK A
28.	20NCSB7037	MONIKA R
29.	20NCSB7038	PRASHANTH D
30.	20NCSB7039	RAJESH S
31.	20NCSB7040	SANTHOSH K

32.	20NCSB7043	SHREYA BANDEKAR
33.	20NCSB7044	SIMRAN R H
34.	20NCSB7045	SOUNDARYA G
35.	20NCSB7049	SURENDAR K
36.	20NCSB7050	VAISHNAVI S
37.	20NCSB7051	VIGNESH M
38.	20NCSB7052	YASHASWINI T
39.	20NCSB7053	YAZHINI A P
40.	20NCSB7016	HARISH S
41.	20NCSB7035	MONISHA S
42.	20NCSB7042	SHRAVANI P
43.	20NCSB7046	SRINIDHI M
44.	20NCS87011	CHAITHRA S
45.	20NCSB7041	SANTHOSH KUMAR B
46.	20NCS87019	HARSHITHA J
47.	20NCSB7025	THAMARAI KANNAN K
48.	20NCSB7048	SURAJ SINGH
49.	20NCSB7054	YESHWANTH J
50.	20NCSB7008	BHASKARAN R
51.	20NCSB7032	MARIO C MANUEL



Cyber BCA <bca.cyber@sfscollege.in>

## Seeking Permission for Field Visit

1 message

Cyber BCA <bca.cyber@sfscollege.in>

To: deanacar@tnau.ac.in

Cc: ssivagami@sfscollege.in, bca.hod@sfscollege.in

Sat, Apr 23, 2022 at 9:28 AM

Dear Sir,

With due respect, on behalf of St Francis de Sales College, Bengaluru; I am Prof. Lakshmi CB, Coordinator, Department Computer Applications. As per conversation with Dr. Sivagami, I am writing to seek your kind permission for a field visit to Adhiyamaan college of Agriculture and Research (ACAR) (Athimugam) Hosur, on 18th May, 2022.

This would be an educational trip making it an opportunity for our students to attain good knowledge and get real-time exposure. This will also help in refreshing the student's mind. Kindly let us know your convenience and revert if any change. Thank you in advance.

Following are the details for the same.

**Date: 18th May, 2022.**

**Time: 10:00 am**

**Expected Participants: 60 ( IIInd year students- BCA )**

**Faculty Members Accompanying : Prof. Lakshmi CB, Coordinator**

**Prof. Saranya C**

**Dr. Sivagami C**

Waiting with anticipation. Thank you.

Thanks & Regards,

Prof. Lakshmi CB,

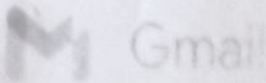
Coordinator Department of Computer Applications,

St Francis de Sales College,

Electronic City, Bengaluru- 100.

Contact: 9731992878

"Change is inevitable, Growth is optional"



Cyber BCA &lt;bca.cyber@sfscollege.in&gt;

**ACAR - Acceptance letter - Sending - Reg**

2 messages

Dean ACAR &lt;deanacar@tnau.ac.in&gt;

Sat, Apr 23, 2022 at 1:52 PM

To: bca.cyber@sfscollege.in

Greetings mam

ACAR welcomes your visit wholeheartedly.

The staffs who will help you at our campus for better knowledge of the fields at our ACAR, Farms are as below

1. Farm Superintendent- Dr.P.Lakshmanakumar AP (AGR) , Principal incharge  
contact number - 9698880743
2. Farm Manager - Horticulture - Dr.V. Suresh
3. Farm Manager - Agriculture - Mr. T.M. Siddhan

Thank you mam

Cyber BCA &lt;bca.cyber@sfscollege.in&gt;

Sun, Apr 24, 2022 at 6:30 PM

To: Dean ACAR &lt;deanacar@tnau.ac.in&gt;

Dear Sir,

Thank you sir, we are grateful for accepting our request. We shall proceed accordingly as mentioned in your mail.

[Quoted text hidden]