SRR & CVR GOVERNMENT DEGREE COLLEGE

(AUTONOMOUS) ESTD:1937

VIJAYAWADA, NTR DIST., A.P

Institution is ranked by NIRF 101-150 band at NIRF 2020

WEBSITE: www.srrcvr.ac.in E-Mail: srrandcvr@gmail.com

NAAC 4th CYCLE



FIELD VISITS

2017-18 to 2021-22



SRR & CVR GOVERNMENT DEGREE COLLEGE

VIJAYAWADA, KRISHAN DIST., A.P

NAAC B+GRADE(CGPA:2.60)



DEPARTMENT OF PHYSICS & ELECTRONICS

EURTH TECHTRONICS

VIJAYAWADA

(FEDVSIT)

DATE: 09.01.2018

PERMISSIN LETTER

To

The Principal

SRR & CVR GDC (Autonomous)

Vijayawada.

Respected Sir,

Sub: Requesting Permission for an industrial visit – regarding

This is a request to seek your kind permission for an industrial visit to your EURTH Techtronics Pvt Ltd on 9-1-18. As per our university norms degree students are expected to visit prominent industries and companies for an exposure to latest trends. Consequently, the students of Department of Physics & Electronics of our college desire to visit the EURTH Techtronics Pvt Ltd for a day. The total number of students would be approximately 40 accompanied by four faculty members. Students of III B.Sc (MPC), (MPCs), (MECs) and II B.Sc(MECs) are participating in the field visit.

It is a rare opportunity for our students to enrich their knowledge with EURTH Techtronics Pvt Ltd. We would be immensely grateful to you if you could please allow us to visit EURTH Techtronics Pvt Ltd tomorrow.

Thanking you, sir.

Date:

Place:

Yours Sincerely,

P. Sailaja

(Smt.P.Sailaja)

Incharge of the department

Department of Physics and Electronics

S.R.R. & C.V.R. GOVT. DEGREE COLLEGE
(Autonomous)
NAAC accredited with 'B+' Grade
Machavaram, VIJAYAWADA - 520 004. Krishna District.
Cell : 94922 34488 Ph : 0866-2430060, Fax : 0866-2441092, www.srrcvr.org, srrandcvr@gmail.com

Dr. Velaga Joshi, Principal
M.A. (Phil.), M.A. (His.), M.A., (M.C.J.), B.L., M.Phil., Ph.D.,

Date .....

To
S. Kavitha Poornima
EURTH Techtronics Pvt Ltd,
SURAMPALLI
Email.Id:kavitha@eurthtech.com

Respected Sir,

Sub: Requesting Permission for an industrial visit – regarding.

* * *

This is a request to seek your kind permission for an industrial visit to your EURTH Techtronics Pvt Ltd. on 09.01.2018. As per our university norms degree students are expected to visit prominent industries and companies for an exposure to latest trends. Consequently, the students of Department of Physics & Electronics of our college desire to visit the EURTH Techtronics Pvt Ltd for a day. The total number of students would be approximately 40 accompanied by four faculty members.

It is a rare opportunity for our students to enrich their knowledge with EURTH Techtronics Pvt Ltd. We would be immensely grateful to you if you could please allow us to visit EURTH Techtronics Pvt Ltd.

Thanking you sir,

Date: 05-01-2018

Place: Vijayawada

Yours Sincerely,

visited 65 members of students and 5 members of staff to our industry

PRINCIPAL
(Dr. Velaga Joshi)
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomus)
Machavaram, VIJAYAWADA - 520 004,

EURTH TECHTRONICS PVT. LTD.
Plot No:41, ALEAP Industrial Estates
Surampalli, VIJAYAWADA-521212
Andhra Pradesh, India.

EURTH TECHTRONICS PVT. LTD.
Plot No:41, ALEAP Industrial Estates
Surampalli, VIJAYAWADA-521212
Andhra Pradesh, India.

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Letter from SRR & CVR Govt. Degree College

Inbox x



Principal, GDC, Vijayawada <srrandcvr@gmail.com> Jan 5 (4 days ago)

to kavitha

Madam,
Please find the attachment.

Dr. Velaga Joshi,
9492234488

Attachments area

Kavitha Poornima Jan 6 (3 days ago)

to me

Dear Sir,

Greetings!!!

We are accepting your request for Industrial Visit of Degree students on 9/1/2018.

ACCEPTANCE MAESSAGE

To

The Principal

SRR & CVR GDC (Autonomous)

Vijayawada.

Respected Sir,

Sub: Attendance certificate of an industrial visit to EURTH Techtronics Pvt Ltd, SURAMPALLI – regarding

This is to certify that the students and staff of Department of Physics & Electronics visited EURTH Techtronics Pvt Ltd on 9-1-18 on industrial visit.

Students enriched their knowledge with the field visit to EURTH Techtronics Pvt Ltd. and understood the process of production of LED bulbs.

Thanking you, sir.

Date:

Place:

Yours Sincerely,

EURTH TECHTRONICS PVT. LT
Plot No 41, ALEAP Industrial Estat
Surampalli, VIJAYAWADA-5212
Andhra Pradesh, India.

PHOTOS





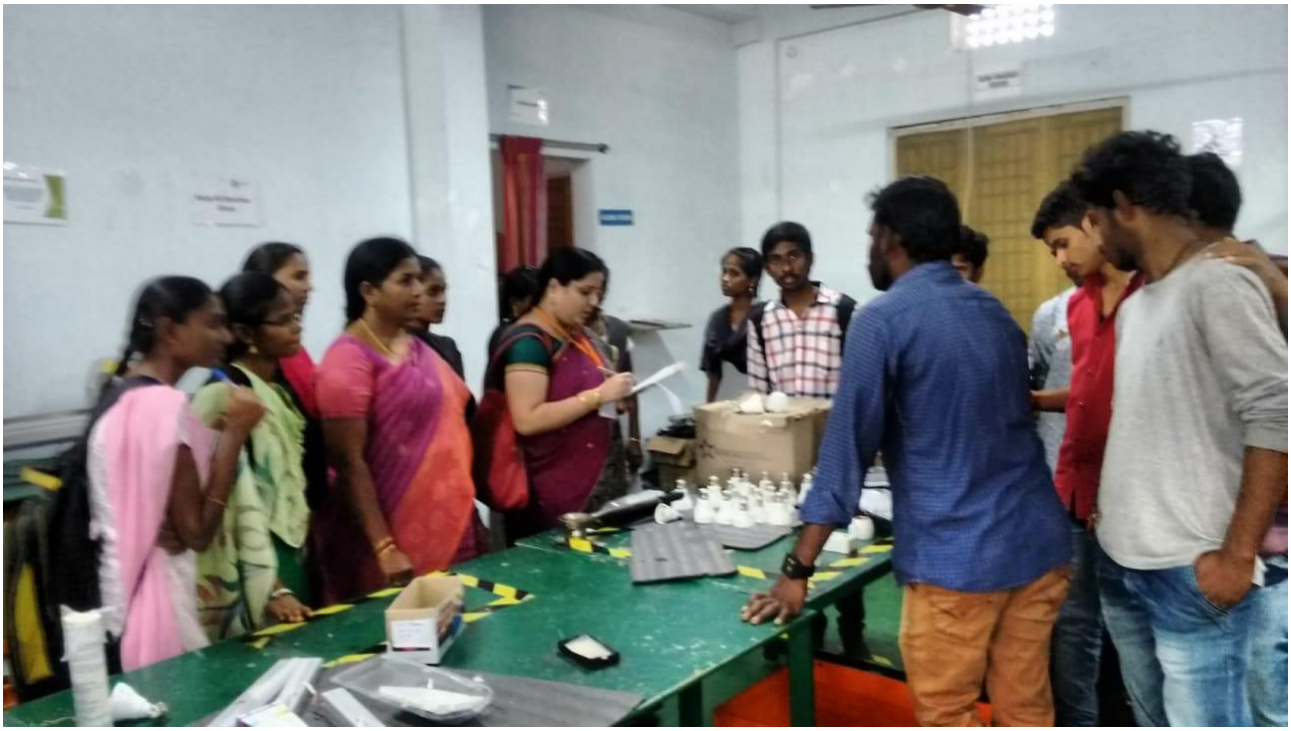

TESTING
AREA



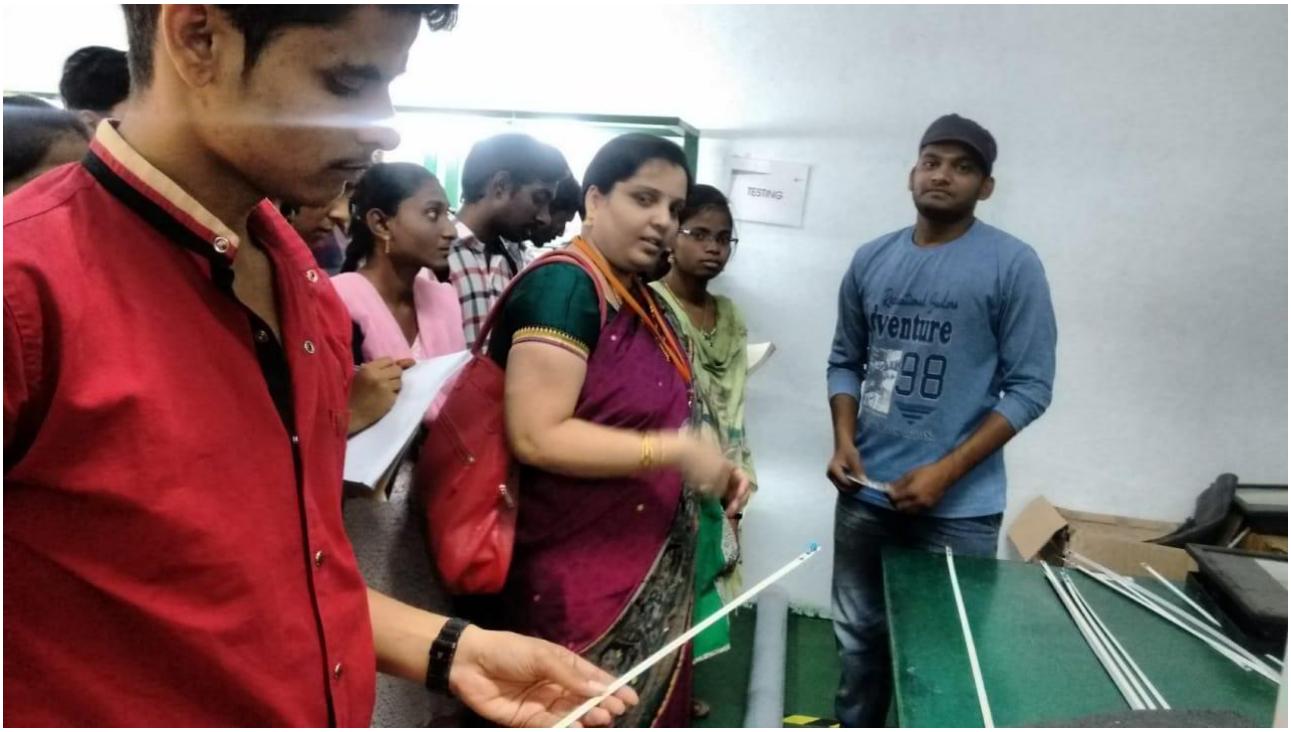










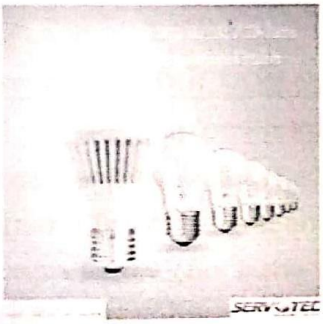

TESTING

REPORT

FIELD TRIP

S.R.R.&C.V.R.Govt Degree College

Assembling and Manufacturing In Eurth Techtronics Pvt.Ltd.



Plot No:41,
ALEAP Industrial Estates,
Surampally,
Vijayawada,
Andhra Pradesh,
Pin code: 521212.

Special Thanks To
Physics Department

Submitted by
III BSC (M.P.C.) Students

Basically lights were we brought from markets are driver board technology Ex:-Philips, Wipro, Crompton, These company uses the driver board Technology.

LED :- 1) Driver Board Technology
2) Chip on Technology

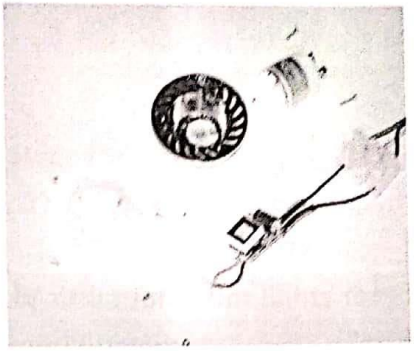
Eurth Company gives main preference to Chip on Technology This Chip on Technology is only one round chip are used in this technology. Eurth Company Engineers take requirement Circuit designs models to other company to made a chips of LED lights. In this chip on Technology did not use driver boards in the lights.

Level-1PRODUCTION OF LED IN EURTH COMPANY

This Chip on Board are made in another Company because of Govt not permit to Produce it (Environmental Control Boards) So Engineers gives Circuit designs and import Chipon's from other Companies. After Import they check the circuit and working and capacity of boards and then they approve to move a LED light. In this Chip is made with Aluminum metal and Circuit tracks are made with copper metal.

Level-2

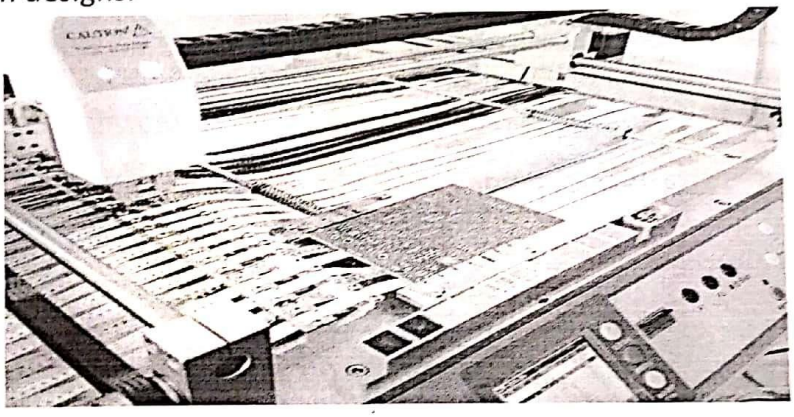
After approve the chip they paste the shouldering paste on it and it keep in the PNP Machine. Pick and place in PNP Machine. It takes LED and put on the Shouldering paste. It takes picture of chip before every LED put on it. Make angle of LED perfect on the light after that check the chip manually by workers.



Level-3

In Level-2 the shouldering paste in liquid form this shouldering paste convert to solid form to LED attach to the chip it is put in the reflowed machine to make reflowing.

Reflowing is nothing but oven to make the shouldering paste dry. It has 5 rods in the machine. Every rod has certain temperature. Give the temperature of chip capacity, every chip have their own capacity based on designs.



Level-4

In Level-3 make a main part of (Chip with LED'S) in Level-4 assemble external parts on the board and make it perfect light.

This light test for 72 hours in ageing room electrical boards and after that the lights will export to markets.

Scanned with CamScanner

USES:-

- Consuming less electricity.
- Once fails the LED'S in the light we can repair it.

DISADVANTAGES:-

- It releases the UV radiation from lights it is because of electricity passes through mercury vapor.
- It releases 6500-7500k of rays Eurth Company makes it in between 4500-5000k.

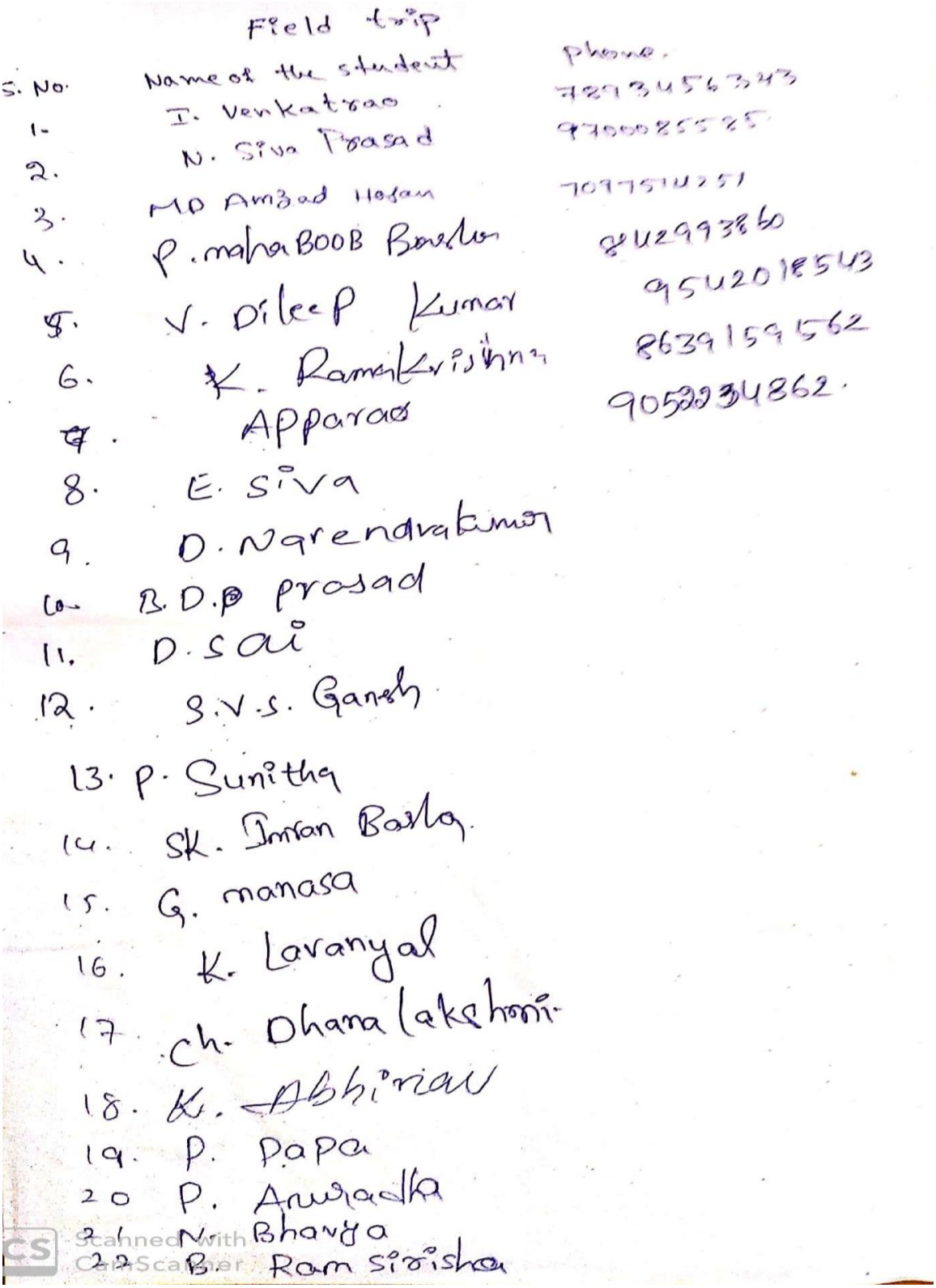
SPECIALITY OF EURTH LED COMPANY:-

- Eurth Company makes the light which releases UV ray in between 6500-7500k which do not harm to us.
- It makes new Inventions like 3 colored lights.
- It gives lights for low cost where the other companies sales it to double cost in market.

Thank You

-----o-----

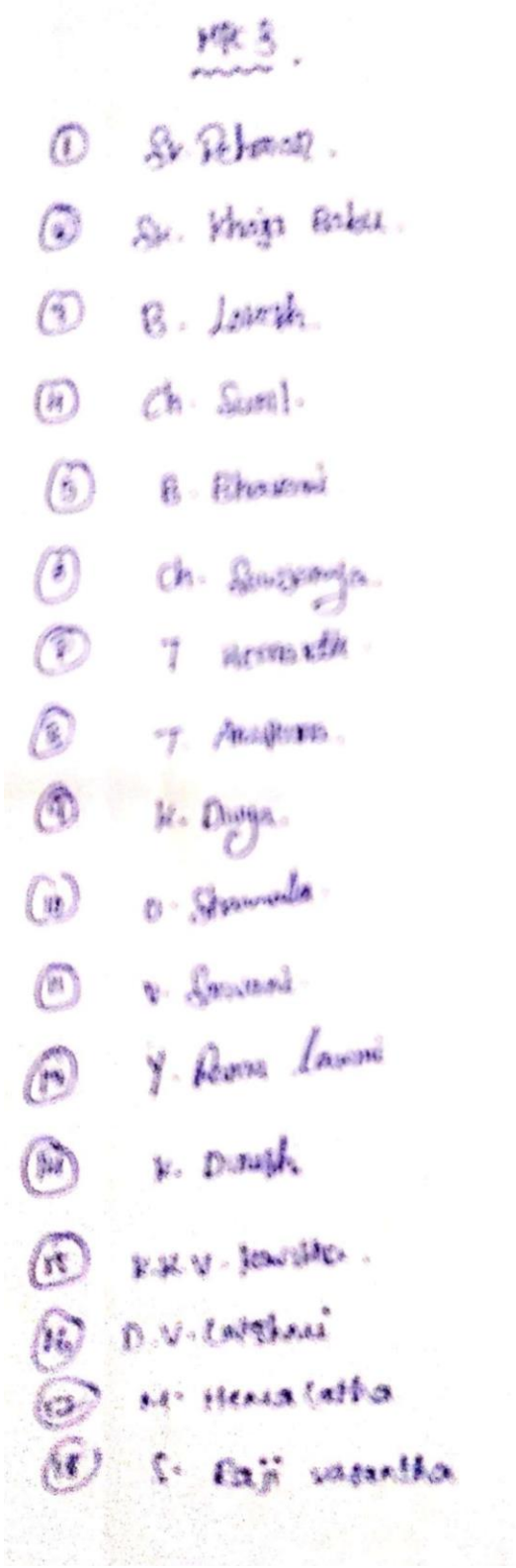
ATTENDANCE



Field trip

S. No.	Name of the student	Phone.
1.	I. Venkatrao	7893456343
2.	N. Siva Prasad	9700085585
3.	MD Amjad Hosan	7097514251
4.	P. mahaBOOB Basha	8142993860
5.	V. Dileep Kumar	9542018543
6.	K. Ramakrishna	8639159562
7.	Apparao	9059934862.
8.	E. Siva	
9.	D. Narendrakumar	
10.	B.D.P prasad	
11.	D. Sai	
12.	S.V.S. Ganesh	
13.	P. Sunitha	
14.	SK. Imran Basha.	
15.	G. manasa	
16.	K. Lavanyal	
17.	Ch. Dhanalakshmi	
18.	K. Abhiram	
19.	P. Papa	
20	P. Anuradha	
21	N. Bhavya	
22	B. Ram sirisha	

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ACKNOWLEDGMENT

Thanks to the **Principal sir Dr. Velaga Joshi Garu**, and our Departnemnt Incharge P.Sailaja garu and other faculty of the department. I thank **to te managing Director, EURTH Techtronics, Vijayawada with practical approach,** with all the elder ones and their blessings we are successfully completed the Tour.

SRR & CVR GOVERNMENT DEGREE COLLEGE

VIJAYAWADA, KRISHAN DIST., A.P

NAAC B+GRADE(CGPA:2.60)

DEPARTMENT OF PHYSICS & ELECTRONICS

HARITA TRANSFORMERS

VIJAYAWADA

(FIELD VISIT)

DATE: 09.01.2018

PERMISSIN LETTER

S.R.R. & C.V.R. GOVT. DEGREE COLLEGE
(Autonomous)
NAAC accredited with 'B++' Grade
Machavaram, VIJAYAWADA - 520 004. Krishna District.
Cell : 94922 34488 Ph : 0866-2430060, Fax : 0866-2441092, www.srrcvr.org, srrandcvr@gmail.com

Dr. Velaga Joshi, Principal
M.A. (Phil.), M.A. (His.), M.A., (M.C.J.), B.L., M.Phil., Ph.D.

Date .....

To

The Managing Director,
Haritha Transformers,
ALEAP Industrial Estates,
SURAMPALLI ,
Krishna District.

Respected Sir,

Sub: Requesting Permission for an industrial visit – regarding

* * *

This is a request to seek your kind permission for an industrial visit on 9th January, 2018 to your HARITHA TRANSFORMERS Pvt. Ltd. As per our university norms degree students are expected to visit prominent industries and companies for an exposure to lasted trends. Consequently, the students of Department of Physics & Electronics of our college desire to visit the HARITHA TRANSFORMERS Pvt. Ltd for a day. The total number of students would be approximately 40 accompanied by four faculty members.

It is a rare opportunity for our students to enrich their knowledge with HARITHA TRANSFORMERS Pvt. Ltd. We would be immensely grateful to you if you could please allow us to visit HARITHA TRANSFORMERS Pvt. Ltd., on 09-01-2018.

Thanking you, sir.

Date: 03-01-2018,

Place: Vijayawada.

Yours Sincerely,

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)
Machavaram, VIJAYAWADA - 520 004.

ACCEPTANCE MAESSAGE

To

The Principal

SRR & CVR GDC (Autonomous)

Vijayawada.

Respected Sir,

Sub: Attendance certificate of an industrial visit to Haritha transformers, SURAMPALLI – regarding

This is to certify that the students and staff of Department of Physics & Electronics visited Haritha transformers on 9-1-18 on industrial visit.

Students enriched their knowledge with the field visit to Haritha transformers and understood the process of production of Transformers.

Thanking you, sir.

Date:

Place:



Yours/Sincerely,

REPORT





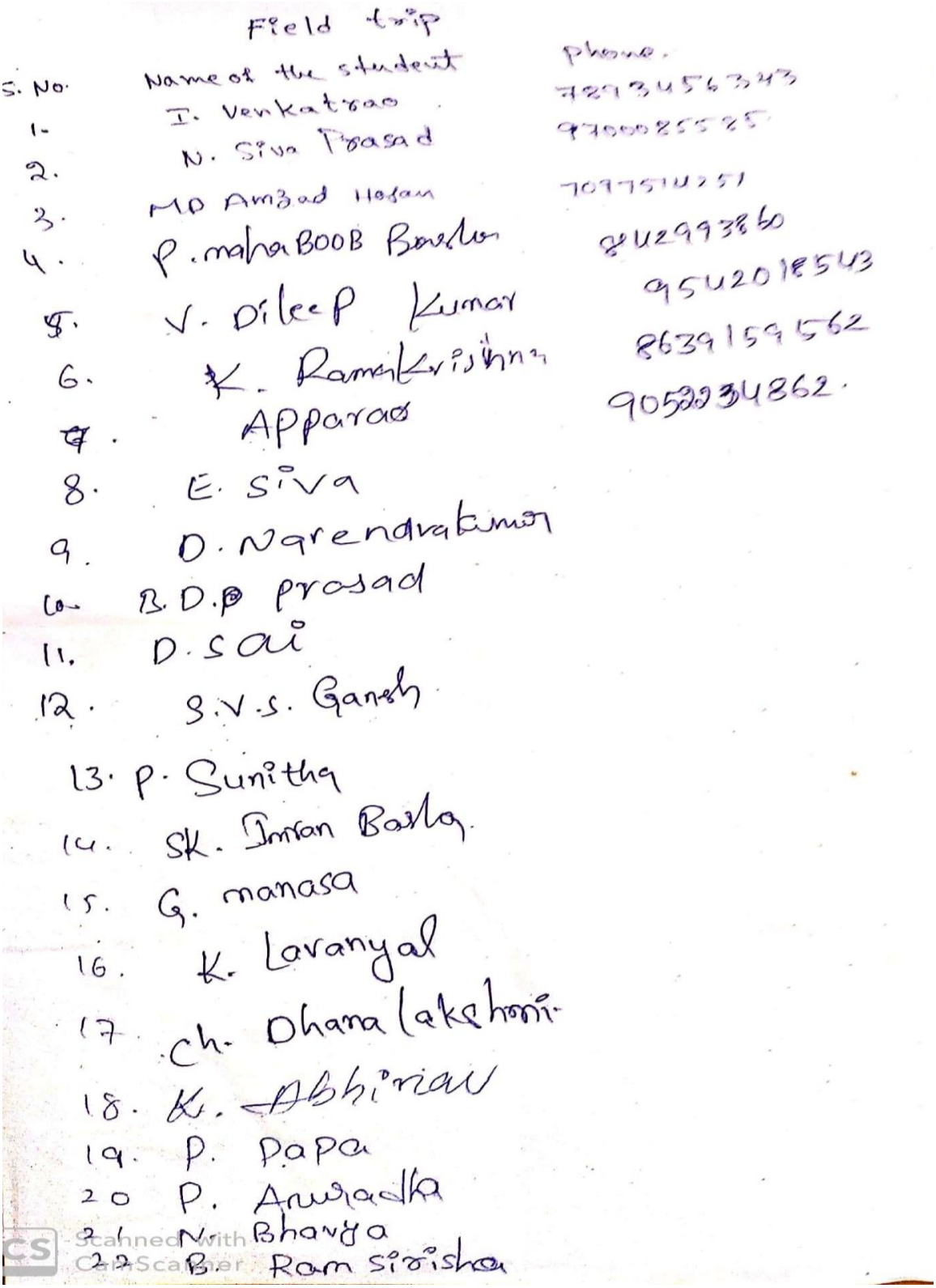







TANKING

ATTENDANCE

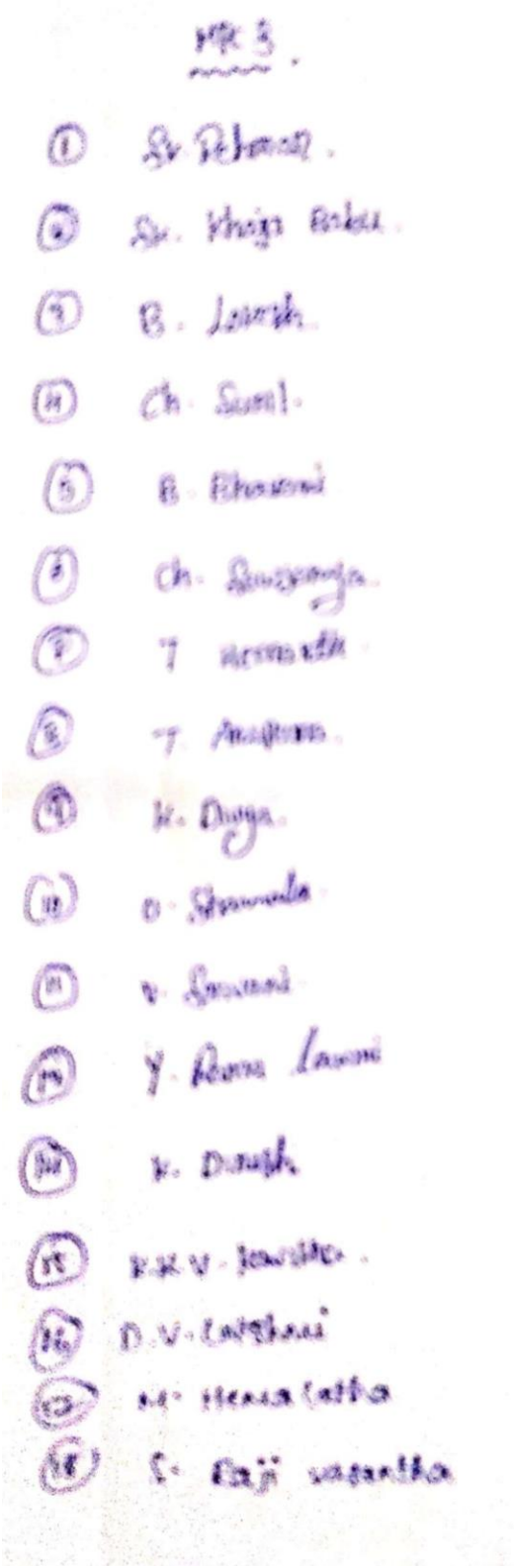


Field trip

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3.	MD Amjad Hosan	7097514251
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5.	V. Dileep Kumar	9542018543
6.	K. Ramakrishna	8639159562
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11.	D. Sai	
12.	S.V.S. Ganesh	
13.	P. Sunitha	
14.	SK. Imran Basha.	
15.	G. manasa	
16.	K. Lavanyal	
17.	Ch. Dhanalakshmi.	
18.	K. Abhiram	
19.	P. Papa	
20	P. Anuradha	
21	N. Bhavya	
22	B. Ram sirisha	

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MR 3.



ACKNOWLEDGMENT

Thanks to the **Principal sir Dr. Velaga Joshi Garu**, and our Departnemnt Incharge P.Sailaja garu and other faculty of the department. I thank **to Management, Haritha Transformers, Vijayawada with practical approach,** with all the elder ones and their blessings we are successfully completed the Tour.

SRR & CVR GOVERNMENT DEGREE COLLEGE
(AUTONOMOUS)
MACHAVARAM, VIJAYAWADA-520004
DEPARTMENT OF ZOOLOGY

Name of the Activity	**Fish Market Survey in Vijayawada on by Aquaculture technology and Aquaculture cluster elective students**
Place	**Vijayawada Fish market**
Date	**06/02/2018**



Students will have the opportunity to see the real fish market selling. Food is an extremely important part of our lives, and more and more, people are concerned about where their food comes from and what goes into it. Even if you carefully read the package, you may not be getting what you think. Students in the Fish Market Survey will collect samples of after they have collected their samples and try to identify the names and habitats.



As part of the curriculum students will study various post-harvest techniques that are followed in the market and study the commercial aspects of the various fish product and economics of the fish market.

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SRR & CVR Government Degree College

An Autonomous & ISO 9001: 2015 Certified Institution:: Ranked by NIRF in 101-150 band at NIRF-2020 & 151-200 band in NIRF 2019 NAAC accredited Institution with grade B+ with C.G.P.A 2.6 during March, 2017

Machavaram, Vijayawada, Krishna District, AP-520 004

DEPARTMENT OF BOTANY

Date of Activity	**2017-18 September**
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.	**Department of Botany**
Nature of activity (seminar/Workshop/Extn. Lecture etc.	**Field Trip**
Title of the Activity	**“ Field Trip to Local Timber Depot ”**
Name of the Department/Committee	**Department of Botany**
Details of Resource Persons (Name , Designation etc.,)	**Ms M.Sarvanavalli In Charge , Dept of Botany Mrs D.Jyoyhi , Lecturer in Botany**
No of students participated	**43**
Name of the Lecturers who planned & conducted the activity	**Ms M.Sarvanavalli In Charge , DEpt of Botany Mrs D.Jyoyhi , Lecturer in Botany**
Remarks	**This Field Trip was very informative and beneficial to the students .**

Department of Botany SRR & CVR Govt Degree College Organized a Field Trip to Local Timber Depot during September 2017.





Motive of this program: Observation of different types of woods like Mango, Teak, Rosewood and knowing about the commercial uses of various types of woods.

Report: Students learnt about different types of woods from the local timber depot personnel and staff .



They learnt about the quality , texture of wood and the process of cutting logs and their export process and commercial applications.



Department of Botany Faculty and students observing the Woods in the timber depot and their processing .

Students explored the Local Timber depot and observed all Teak , Rosewood , Mango and several soft woods , Hardwoods, their durability , texture , anatomy , commercial uses .



Students and Faculty in Local Timber depot interacting with Manager and staff . This Local Field trip was very successful as students learnt a lot about various types of woods

SRR & CVR GOVERNMENT DEGREE COLLEGE
(AUTONOMOUS)
MACHAVARAM, VIJAYAWADA-520004
DEPARTMENT OF ZOOLOGY

Name of the Activity	**Field Visit to Ornamental Fish Breeding Unit by Aquaculture technology and Aquaculture Cluster Elective students**
Place	**At Gollanapalli- Gannavaram**
Date	**05/01/2018**



Students by visiting the unit have seen how breeding takes place in the ornamental fishes. They have seen the difference between oviparous and viviparous fishes. They gathered information about the breeders, how they are sleeted and hoe biosecurity measures are to be taken in the breeding unit. By visiting the unit students came to know how they can be entrepreneurs or how they can be self-employed in future.

From

Department of Zoology

SRR & CVR Government Degree College (A)

Vijayawada

04/01/2018

To

The Principal,

SRR & CVR Government Degree College (A)

Vijayawada.

Sub: Permission for Field visit to Ornamental Fish Breeding unit at Gollanapalli, Gannavaran mandal-Request-Reg

Respected Sir,

As a part of the curriculum for the I.B.Sc (AT.Z.C) and III B.Sc Aquaculture Cluster Elective please grant us permission to go for the Field Visit to Ornamental Fish Breeding unit at Gollanapalli, Gannavaran mandal on 05/01/2018.

Thanking you sir,

Yours Sincerely

LECTURER INCHARGE
DEPT. OF ZOOLOGY
SRR & CVR Govt. Degree College
VIJAYAWADA-520 004

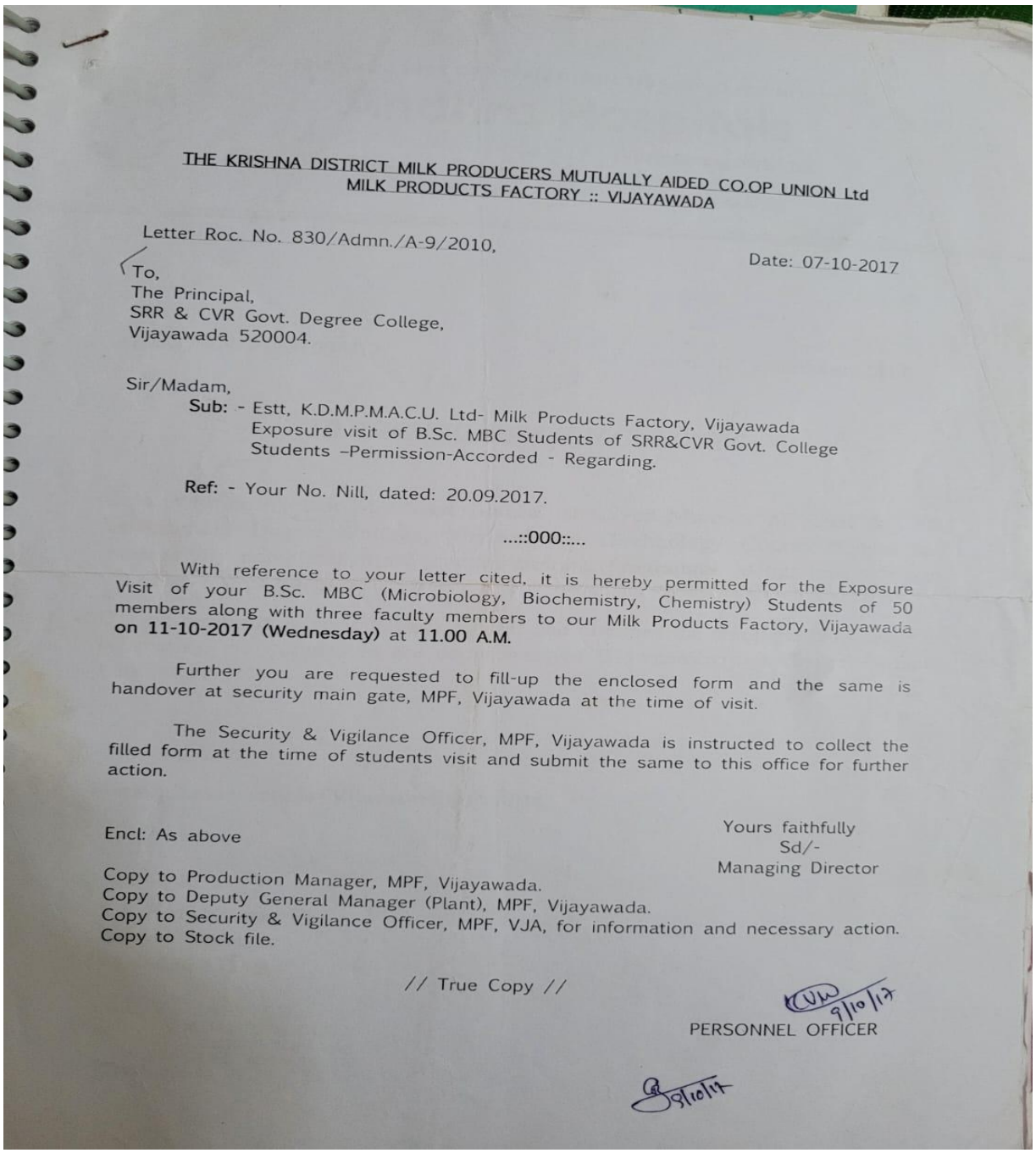
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SRR & CVR Govt. Degree College(A), Vijayawada

Department Of Biochemistry

Field visit to Milk Factory

Date: 11/10/2017, 11 am



THE KRISHNA DISTRICT MILK PRODUCERS MUTUALLY AIDED CO.OP UNION Ltd
MILK PRODUCTS FACTORY :: VIJAYAWADA

Letter Roc. No. 830/Admn./A-9/2010,

Date: 07-10-2017

To,
The Principal,
SRR & CVR Govt. Degree College,
Vijayawada 520004.

Sir/Madam,

Sub: - Estt, K.D.M.P.M.A.C.U. Ltd- Milk Products Factory, Vijayawada
Exposure visit of B.Sc. MBC Students of SRR&CVR Govt. College
Students –Permission-Accorded - Regarding.

Ref: - Your No. Nill, dated: 20.09.2017.

...::000::...

With reference to your letter cited, it is hereby permitted for the Exposure Visit of your B.Sc. MBC (Microbiology, Biochemistry, Chemistry) Students of 50 members along with three faculty members to our Milk Products Factory, Vijayawada **on 11-10-2017 (Wednesday)** at **11.00 A.M.**

Further you are requested to fill-up the enclosed form and the same is handover at security main gate, MPF, Vijayawada at the time of visit.

The Security & Vigilance Officer, MPF, Vijayawada is instructed to collect the filled form at the time of students visit and submit the same to this office for further action.

Encl: As above

Yours faithfully
Sd/-
Managing Director

Copy to Production Manager, MPF, Vijayawada.
Copy to Deputy General Manager (Plant), MPF, Vijayawada.
Copy to Security & Vigilance Officer, MPF, VJA, for information and necessary action.
Copy to Stock file.

// True Copy //

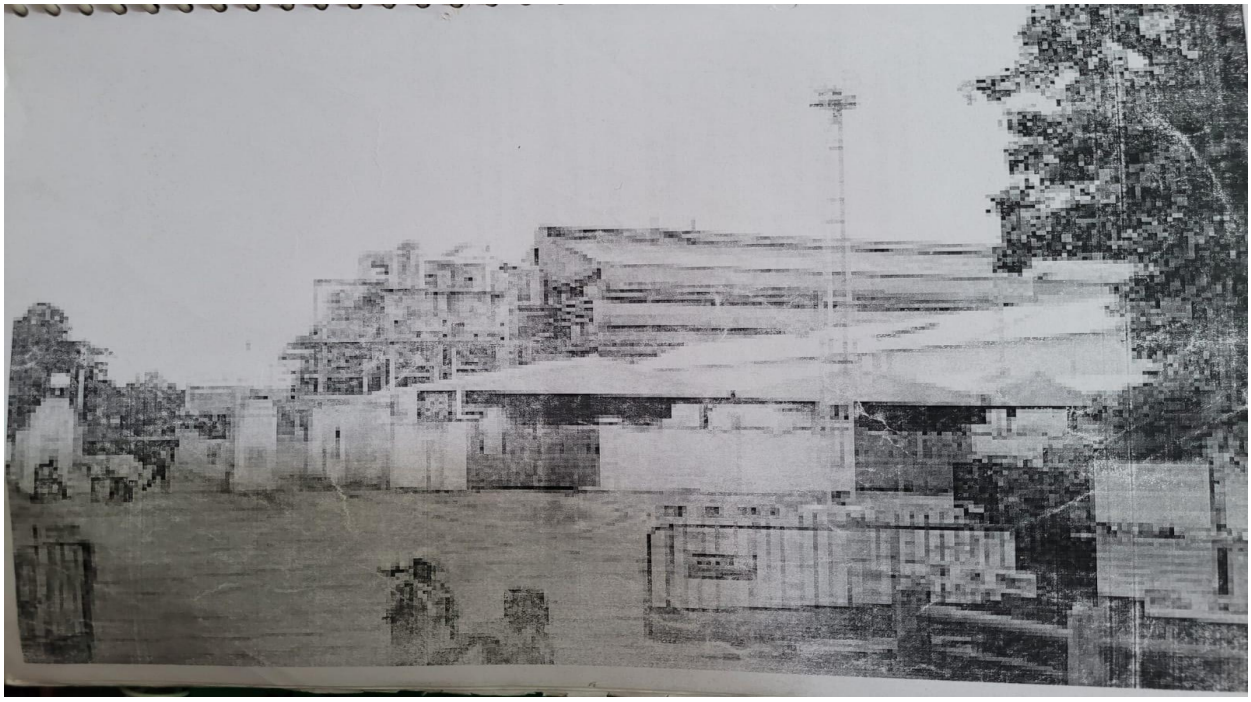
9/10/17

PERSONNEL OFFICER

9/10/17

SRR & CVR Govt. Degree College(A), Vijayawada

Department Of Biochemistry





SRR & CVR Govt. Degree College(A), Vijayawada

Department Of Biochemistry

The students of Department of Biochemistry along with faculty members visited the Krishna union milk factory on 11/10/2017 at 11 am. Our college old student is working in QC over there , he helped us in getting permission smoothly for the visit . He accompanied us to all the departments.

The different departments in the factory visited by us are

1. Boilers , 2. Prepack , 3. Butter and Ghee ,4. Byproducts , 5. Flavored milks , 6. Curd section etc.

The laboratories include 1. Fluids, 2. Byproducts, 3. Solids , 4. Microbiology

Students visited the **Boilers** , where the processing of milk is achieved by the methods of Pasteurization and homogenisation. Students enquired about the different types of milk processed, like High fat milk Low fat milk , Mixed milk , Cream milk , STD , Toned milk , Double toned milk. All types of milk go into the packing section after the processing.In the **Prepack department** all types of milk after processing are packed .

Soon after we visited the Butter and Ghee processing section . We observed that raw milk is churned at cool temperatures to obtain cream Butter which is packed after washings

Ghee : Ghee is obtained by heating the butter at 60° -80° C using steam as a heating medium.Obtained ghee is packed and can be used before 6 months.

At the Krishna Milk Factory different Byproducts such as Doodhpeda, Milk laddu, Basundi ,Cheese , Panneer are also prepared and packed for marketing

Not only byproducts different Flavored milks are also prepared include Badam milk , Strawberry milk Pineapple milk and Mango milk

Next we entered in to Curd section , where Processing of curd , buttermilk and lassi were done

Bacterial inoculum is added and incubated for some time and finally curd is obtained.

Students spend at least 30 minutes at each department and enquiries all their queries , they enjoyed a lot while they passed through the low temperature rooms.

SRR & CVR Govt. Degree College(A), Vijayawada

Department Of Biochemistry

Next our walk was towards QC Lab : At the QC lab different tests are performed for the raw milk and the milk products made in the factory

The tests include Acidity test , Fat test , Clot on boiling test , Density test (lactometer)

Flavored milks are tested by using turbidity and moisture tests.

Butter and ghee are tested by using acidity and FFA tests.

At the Microbiology lab Testing and culturing of curd, Testing of flavored milks were performed . Students observed all the instruments at the labs and noted the reagents used for doing the tests ,

This visit gave a lot of knowledge to students on the processing units, machinery, products and byproducts prepared in the milk factory .

Acknowledgement: We thank our Principal Dr. Velaga Joshi for encouraging and motivating field trips. We acknowledge sincere thanks to the alumni of our college for helping us in taking permissions from The manager, krishna Milk union. We also extend our thanks to the Production Manager, Deputy general manager for allowing the students and allotting experts to explain all the processing units and labs in detail.

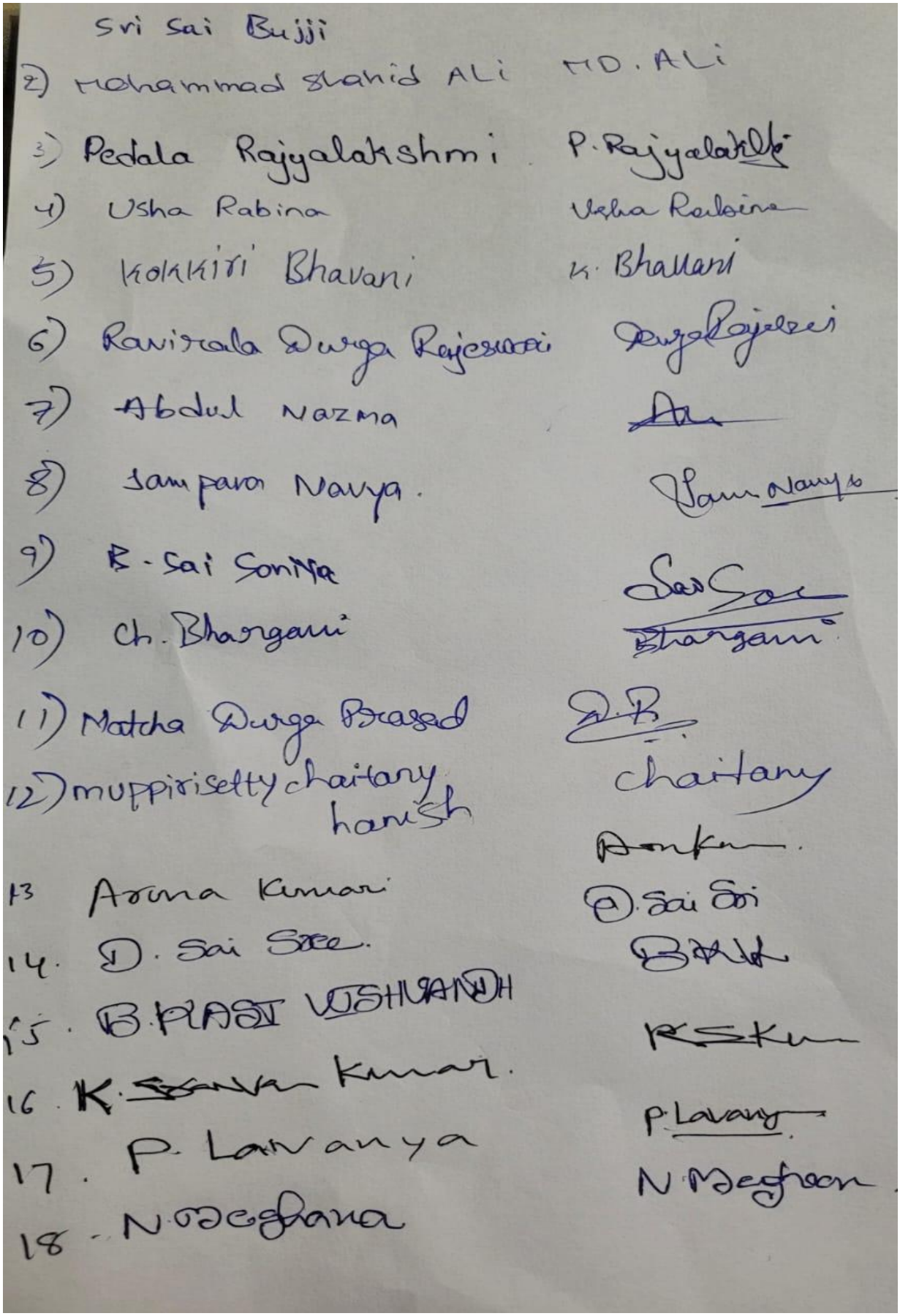
Reported by

Syed Vaziha Tahaseen

Lecturer in Biochemistry

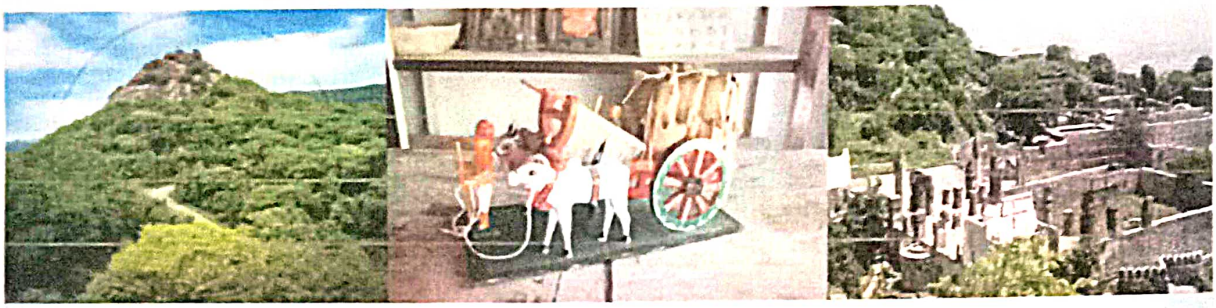
SRR & CVR Govt. Degree College(A), Vijayawada

Department Of Biochemistry



SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)

DEPARTMENT OF BOTANY



Field trip to Kondapalli Reserve Forest (25-09-2018)

Faculty In- charge:

1. Smt. D. Jyothi
2. G.V. Varalakshmi
3. V. Nagalakshmi

Number of Participants: 20

Nature of Activity: Out Door

Vijayawada,

18-09-2018.

To

The principal,

SRR & CVR GDC(A),

Vijayawada.

Respected sir,

I D.Jyothi HOD of Botany dept submit to you that we have arranged a field trip on 25-09-2018 for II & III BZC students to kondapalli forest area for taxonomical studies of the vegetation of Eastern Ghats .

I also submit that Botany dept of govt degree college-MOVVA is also associating with us in this field trip.

Hence, i kindly request you to give us permission to conduct this field trip as this is part of the curriculum.

Thanking you .

Yours faithfully

D.Jyothi

D. JYOTHI, M.Sc., B.Ed.,
LECTURER IN BOTANY
SRR & CVR Govt. Degree College
VIJAYAWADA, Krishna Dist.

Lecturer in Botany

SRR & CVR GDC (A)

Vijayawada.

SRR & CVR Government Degree College (A), Vijayawada

Field Trip to Kondapalli Reserve Forest

Field trips are meant for teaching certain topics in taxonomy as they appear naturally. Department of Botany organized a field trip to Kondapalli reserve forest on 25th September, 2018. Twenty students attended the field trip and were accompanied by three faculty members. Students of II and III year BZC were taken to Kondapalli to study various plants growing in natural environments. Accompanying faculty members helped the students all the way in identifying the plants and the explaining the importance of taxonomy. Students observed nearly 100 plants of different varieties growing in naturally in the forest. Students collected plant twigs to make herbarium for practical purpose.







SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)
PHONE NO : 0866-2430060
FAX NO : 0866-2441092
WEBSITE : www.srrcvr.org
EMAIL : srrandcvr@gmail.com

Field trip to Kondapalli Reserve Forest

Internal Quality Assurance Cell (IQAC)

This is to certify that the activity report (Teacher/Department) on Field trip to Kondapalli organized by Department of Botany from 25th January to 25h September, 2018 has been submitted IQAC for documentation, SRR & CVR Government Degree College(A), Vijayawada.

IQAC CO-ORDINATOR

PRINCIPAL

SRR & CVR Government Degree College

DEPARTMENT OF BOTANY

STUDENT SIGNATURES AND FEEDBACK

S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
1.		II BZC	21317207	K. Mounika	Got awareness
2.		II BZC	21317201	A. Prasanthi	Use full
3.		II BZC	21317209	T. Lavanya	Good
4.		II BZC	21317205	U. Jagadeesh	Useful
5.		II BZC	21317206	T. Mrudula	Got awareness.
6		II BZC	21317202	P. Hemalatha	Got awareness
7.		II BZC	21317204	Devi Nagamani	Beneficial
8.		III BZC	20311215	Mounika	Benefits
9		III BZC	20311223	Bhaik. Baji	Useful
10		III BZC	20311003	[signature]	Good
11.		III BZC	20311216	P. Sai	Good
12		III BZC	20311048	P. [signature]	Good
13.		III BZC	20311213	M. Gayathri	Good.
14.		III BZC	20311227	[signature]	Good
15		III BZC	20311225	Hema. Sri	Good

SRR & CVR Government Degree College

DEPARTMENT OF BOTANY

SRR & CVR Government Degree College (A), Vijayawada

Activity Report on

Filed Trip: Identification of Algae, Fungi and Bryophyta from College Campus

Department of Botany conducted one day filed trip in SRR & CVR Government Degree College on 28th July, 2017. Fifteen students attended the field trip and were accompanied by Smt. D. Jyothi. Students collected algae mass from the wetted walls in the campus and fungi and moss plants from woody trunks. Collected samples were carefully carried to laboratory for processing and preservation. At the lab collected samples were preserved in specimen bottles using formaldehyde solution.



SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)

DEPARTMENT OF BOTANY



Filed Trip: Identification of Algae, Fungi and Bryophyta from College Campus

(28-07-2017)

Faculty In- charge:

1. Smt. D. Jyothi

Number of Participants: 15

Nature of Activity: Out Door

Filed Trip: Identification of Algae, Fungi and Bryophyta from College Campus

Internal Quality Assurance Cell (IQAC)

This is to certify that the activity report (Teacher/Department) on Field trip: Identification of Algae, Fungi and Bryophyta form College campus organized by Department of Botany on 28th July, 2017 has been submitted IQAC for documentation, SRR & CVR Government Degree College(A), Vijayawada.

IQAC CO-ORDINATOR

PRINCIPAL

STUDENT SIGNATURES AND FEEDBACK					
S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
1	28.07.17	II BZC	163174038	K. Saiprasad	Good
2	29/7/17	II BZC	163174035	K. Sailaja	Satisfied.
3	28/7/17	II. B.Z.C	163174036	Pradeep.	Good.
4	28.07.17	II. B.Z.C	163174037	Sujatha	Useful
5	28.07.17	II. BZC	163174038	Sridhar	Good.
6	28.07.17	II BZC	163174025	Madhu	Useful
7	28.07.17	II BZC	163174042		Good
8	28.07.17	II BZC	163174026	Durgaprasad	Good.
9	28.07.17	II BZC	163174028	Shamprakash	Good
10	28.7.17	II. B.Z.C.	163174027	[illegible]	Good.
11	28.7.17	II B.Z.C	163174040	Sandeep	Useful
12	28.7.17	II B.Z.C	163174044	Akhila	Good.
13	28.7.17	II B.Z.C	163174036	Jyothi	Useful.
14	28.07.17	II. BZC	163174046	[illegible]	Good
15	28.07.17	II. BZC	163174027	Deepu	Good.
16	28.07.17	II B.Z.C	163174030	Naga Jyothi	Useful



STUDENT SIGNATURES AND FEEDBACK

S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
1.		II BSc	21317207	K. Mounika	Got awareness
2.		II BSc	21317201	A. Pragathi	Good
3.		II BSc	21317209	T. Lavanya	useful.
4.		II BSc	21317209	K. Jagadeesh	Useful.
5.		II BSc	21317206	T. Mrudula	Benificial.
6		II BSc	21317212	P.	Good
7.		II BSc	21317204	Devi Nagalchi	Got awareness
8.		IV BZC	20311205	N. Mounika	Useful.
9.		III BZC	20311223	Shaik Baji	Good.
10.		III BZC	20311003	G.	Good
11.		III BZC	20311216	P.	average
12.		III BZC	20311213	Gayathri	Good.
13.		III BZC	20311227		Good
14.		III BZC	20311225	Renuka	Good
15		III BZC	20311220	Lochan sai	Useful.



18 November 2021

Field Trip

Bapu Museum

The department of Politics & Pub Adm. has arranged a local trip to Bapu museum. 2nd and 3rd BA students visited the museum and were enlightened to see Mahatma Gandhi statue and his freedom struggle activities. Nearly 63 students from all B.A groups attended, Dr.DSVS.Balasubrahmanyam, B. Prakasam, K. Ajay Babu, and N.Narasimha Rao, Miss N. Mounika Sai accompanied the students.

This is the first museum in India, to have adopted the technology of Augmented and Virtual realities. The immersive projection mapping, interactive display panels, digital book and interactive kiosks offer a visual treat to visitors. The renovated museum houses nine galleries showcasing a rare collection of antiques, sculptures, cutlery, paintings which have been preserved for over several decades. Every artefact is digitised enabling the visitors to learn more about the rich heritage of the country. All one needs to do is touch or scan the QR code, using their smartphones to know the history and interesting facts about the artefacts present at the museum.

The historically significant Bapu Museum formerly known as Victoria Jubilee Museum, happens to be the place where the freedom fighter Pingali Venkayya presented the tricolour flag to Mahatma Gandhi in 1921. The same flag was adopted as the Indian national flag in 1947.





Industrial Visit

August 2017

K.C.P. Sugar factory. - Vuyyur. K. Dt.

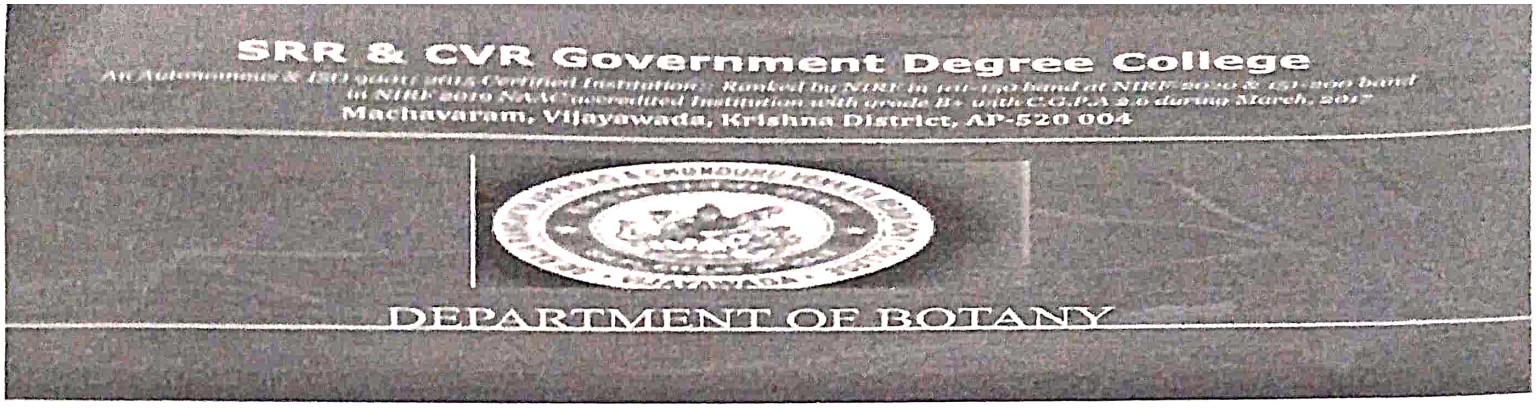


The students and faculty have visited KPC-Sugar industry. The students have observed Sugar manufacturing processes and fermentation of Molasses and preparation of manure from the residue.

Faculty members : 1. Ms. M. SRAVANA VALLI.

2. Smt. D. JYOTHI.

Industrial Visit



Dates	August 2017
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.	Department
Nature of activity (seminar/Workshop/Extn. Lecture etc.	Industrial visit
Title of the Activity	Industrial Visit
Name of the Department/Committee	Department of Botany
Details of Resource Persons (Name , Designation etc.,)	KSP Sugar Factory , Vuyyuru Staff
No of students participated	40
Name of the Lecturers who planned & conducted the activity	Planned and Organized by Ms M.Sravanavalli Lecturer In Charge Mrs D. Jyothi , Lecturer in Botany
Remarks	This Industrial tour has given onsite field experience to students

Department of Botany SRR & CVR Govt DegreeCollege Organized a Industrial tour to KSP Sugar Factory , Vuyyuru Krishna District in August 2017.

Motive of this program:

This tour Provided students Onsite, practical and real time experience , real time cases . Creating awareness on the processes that regularly happen in sugar factories.

Relevant Information related to this :

Sugar is a broad term applied to a large number of carbohydrates present in many plants and characterized by a more or less sweet taste. The primary sugar, glucose, is a product of photosynthesis and occurs in all green plants. In most plants, the sugars occur as a mixture that cannot readily be separated into the components. In the sap of some plants, the sugar mixtures are condensed into syrup. Juices of sugarcane *(Saccharum officinarum)* and sugar beet *(Beta vulgaris)* are rich in pure sucrose, although beet sugar is generally much less sweet than cane sugar. These two sugar crops are the main sources of commercial sucrose.

Sugar cane must be crushed to extract the juice. The crushing process must break up the hard nodes of the cane and flatten the stems. The juice is collected, filtered and sometimes treated and then boiled to drive off the excess water. The dried cane residue (bagasse) is often used as fuel for this process.

Sugar Processing consists of Harvesting, Washing and initial preparation ,Juice extraction , Purification of juice , Crystallization, Centrifugation , Drying and Packaging



Tour Report :

Students observed the processing of sugars in the factory stagewise . They observed the fermentation of molasses and the preparation of Bio Manure from molasses .

Molasses from both sugarcane and sugar beets are a major component of animal feed . Sugar beet molasses that has been subjected to desugarization contains reduced carbohydrate levels and may be blended with cane molasses.

Sugarcane pressmud is the solid residue produced after filtration of sugarcane juice. The purification process separates the juice into a clear juice that rises to the top and goes for manufacturre of sugar, and a mud that collects at the bottom.It is a good source of fertilizer. Sugar mills in India produce about 12 million tons of pressmud (filter cake) as a waste from double sulphitation processes.

Molasses is used as a microbiological energy source in a wide range of fermentation processes. It is used to grow yeasts, molds and bacteria which transform sugars into alcohol, yeast, citric acid and the food additives monosodium glutamate and lysine.

Students experienced an onsite field experience. Industry staff explained to students about all the stages and processes happening in the Sugar Industry . The tour was very informative and beneficial to Botany students .



NAAC: B (CGPA: 2.70) Estd: 1937

SRR & CVR GOVT. DEGREE COLLEGE

VIJAYAWADA – 520 004 :: KRISHNA DISTRICT

Phone No: 0866-2430060 Website: www.srrcvr.org

Fax No: 0866-2441092 Email: srrandcvr@gmail.com

To,
The Chief Operating Officer
KCP Sugars
Vuyyuru

Sir,

Sub: Request for permission to visit your Sugar factory at Vuyyuru by our Final Year UG Botany and Microbiology students.

Our college is offering B.Sc Botany and Microbiology courses with Zoology, Chemistry and Biochemistry combinations. The students study about crop physiology, Microbial physiology and Biochemical pathways of Microbes. To give them practical exposure we are proposing to bring our final year students about 30 in number to Vuyyuru to visit your factory, R&D centre and Bio-fertilizers facility in the 2nd or 3rd week of December, 2015 on a date convenient to you. Our staff members will be in touch with you to fix the date. I therefore request you to kindly accord your permission for the visit our students for which I will be thankful to you.

Thanking You,

Yours Sincerely,

30/11/15

PRINCIPAL

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
VIJAYAWADA-520 004.

Dt. 30.11.2015

To,

The Principal,

SRR & CVR Govt Degree College,

Machavaram, Vijayawada.

4/01/16,

Vijayawada.

We have proposed to take MBC & BZC (I, II and III year) students to an industrial visit to **KCP SUGARS, VUYYUR**. We have officially sent a letter to **KCP SUGARS** through you two weeks back; **KCP SUGARS** has permitted our students for a visit to the industry on 6/1/16 from 10:00 am .Therefore I request you to kindly permit us to take our students to **KCP SUGARS** on that day.

Thanking you,

Yours faithfully

4/1/16.

5/1/16

1.
2. J. Nirmala
3. Sd. V Balaseer
4. V. Nem
5.
6.
7.
8.
9.

S.No.	Date	Conducted through	Nature of Activity	Title of the Activity

JANUARY, 2016

6.01.2016	Departments (MBC & BZC) Botany, Micro-biology & Bio-chemistry	Field-Trip to KCP Sugars, Vuyyur, Krishna DT. To acquire knowledge to get Sugar from Sugar cane. Different stages involved in getting sugar & also spirit or ethyl alcohol from Molasses.	Field-Trip Co

for K.C.P. Sugar and Inds. Corpn. Ltd.
VUYYURU - 521 165
Krishna District, A.P.

STUDENT SIGNATURES AND FEEDBACK

S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
1.		I BHC	21317207	K. Mounika	Useful
2.		II BHC	21317201	A. Prasanthi	Benficial
3.		I BHC.	21317209.	T. Lavanya.	Good.
4.		I BHC	21317205	K. Jagadeesh	Good.
5.		II BHC	21317206	T. Mrudula	Useful.
6		I BHC	21317212	P. [illegible]	Good
7.		I BHC	21317204	Devi Nagachi	Got awareness
8.		III. B.Z.C	20311215	M. Mounika.	Good.
9		III BZC	20311223	Shaik. Baji Baba vali	Good
10		III BZC	20311003	G. Pujitha	Good.
11		III BZC	20311216	P. Bharathi	Useful
12.		III BZC	20211227	[illegible]	Good.
13.		III BZC	20311213	M. Gayathri	Good.

SRR & CVR Government Degree College

Mahaveerulu, Vijayawada, Krishna District, AP 520 004

DEPARTMENT OF BOTANY

STUDENT SIGNATURES AND FEEDBACK

S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
1.		II BZC	21317207	K.Manu	Got awareness
2.		II BZC	21317201	A. Prasanthi	Useful
3.		II BZC	21317209.	T. Lavanya.	Good.
4.		II BZC	21317205	K. Jagadeesh	Good.
5.		II BZC	21317206	T. Mrudula	useful
6		II BZC	21317212	A. [illegible]	Good.
7.		II BZC	21317204	Dev Nagadi	Got awesumss
8.		III B.Z.C	20311215	N. Mounika.	useful.
9		III B.Z.C	20311223	Shaik Baji Baba Vali	Good
10.		III BZ.C	20311003	G. Rupavati	useful.
11		III BZ.C	20311008	P. [illegible]	Good
12		III BZ.C	20311216	P. [illegible]	awarness.
13.		III B.Z.C	20311227	[illegible]	Good
14.		III BZC	20311213	M. Gayathri	Good.
15.		III B.Z.C	20311210	M. Naveed	Good.
16		III BZC	20311220	P. Lochansai	Awareness

SRR & CVR Government Degree College

Mahaveerulu, Vijayawada, Krishna District, AP 520 004

DEPARTMENT OF BOTANY

STUDENT SIGNATURES AND FEEDBACK

S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
1	28.08.17	II BZC	163174034	K. Saiprasad	Got awareness
02.	28/8/17	II BZC	1631-14035	Sailaja	Good.
03.	28/8/17	II BZC	163174032	Nagasowri.	useful
04.	28/8/17	II BZC	163174026	Durgaprasad	Good.
5	28/8/17	II. B.Z.C	163174022	Prasanth.	useful.
6	28/8/17	II. B ZC	163174037	Naga Raju.	Good.
7	28/8/17	II BZC	163174025	Madhu	useful
8	28/8/17	II. B. ZC	163174036	Jyothi	useful.
9	28/8/17	II BZC	163174024	Raju	Good
10	28/8/17	II BZC	163174023	Prasanna	Good.
11.	28/8/17	II BZC	163174027	Deepu	Good.
12.	28/8/17	II BZC	163174028	Bhanuprakash	useful
13.	28/8/17	II Bzc.	163174040	Sreelaja.	Good.
14.	28/8/17	II-B.Z.C-	163174042	Abdhul.	useful.
15	28/8/17	II B.Z.C	163174044	Naresh.	Good.
16.	28/8/17	II-B.Z.C	163174045	Gopi	Good.

SRR & CVR GOVT. DEGREE COLLEGE (A) VIJAYAWADA

DEPARTMENT OF MICROBIOLOGY

2017-2018

Field Visit Yanamalakuduru, Vijayawada

Observation of Symptoms of Diseases Field Crops and Plants



Department of Microbiology

13-10-2017

SRR & CVR GOVT. DEGREE COLLEGE (A) Vijayawada

Department of Microbiology

Activity Register 2017-2018

Date	**13-10-2017**
Conducted through (DRC/JKC/ELF/NCC/NSS/Departments etc.)	**Department of Microbiology**
Nature of Activity(Seminar/Workshop/Extn. Lecture etc.,)	**Field Visit**
Title of the Activity	Field Visit to **Field Visit Yanamalakuduru, Vijayawada. Observation of Symptoms of Diseases Field Crops and Plants**
Name of theDepartment/Committee	Department of Microbiology
No. of students participated	17 III BSc MBC
Brief Report on the activity	The Department of Microbiology has Organized Field Visit **Field Visit Yanamalakuduru, Vijayawada Observation of Symptoms of Diseases Field Crops and Plants.** Students noted symptoms of commercial crops viz Chilli, Turmeric and vegetable crop brinjal**.** The occurrence and prevalence of plant diseases vary from season to season, depending on the presence of the pathogen, environmental conditions, and the crops and varieties grown. Some plant varieties are particularly subject to outbreaks of diseases while others are more resistant to them**.** Hence filed visit has been planned to identify the diseases on field crops and plants by III BSc Microbiology. Loss of crop from plant diseases may also result in hunger and starvation, especially in less-developed countries where access to disease-control methods is limited and annual losses of 30 to 50 percent are not uncommon for major crops. In some years, losses are much greater, producing catastrophic results for those who depend on the crop for food. Major disease outbreaks among food crops have led to famines and mass migrations throughout history. Such losses from plant diseases can have a

	significant economic impact, causing a reduction in income for crop producers and distributors and higher prices for consumers.
Name of the Lecturers who Planned & conducted the activity	Dr .D .Jyothi and Mrs Dorcas Anand
Signature of the In- Charge	D. Jyothi
Signature of the Principal	

ACKNOWLEDGEMENTS

We express our deep sense of gratitude to Dr. Velaga. Joshi, Principal SRR & CVR Govt. Degree College Autonomous, and Vijayawada for his support and constant encouragement to upgrade the knowledge of the students.

In Charge Dept of Microbiology

D. Jyothi











III BSc MBC, Field Visit to Yanamalakuduru, Vijayawada. Dated:13-10-2017

Observation of Symptoms of Diseases Field Crops and Plants

SRR and CVR Govt Degree College (A), Vijayawada

Department of Microbiology

Students Attended

Title of the Activity: Field visit to observation of Symptoms of Diseased Field crops and plants

Class: III Bsc MBC

Date: 13/10/2017

S No	Name of the Student	Signature
1	K. Bharghavi	K. Bharghavi
2	G. Suneetha.	G. suneetha.
3	M. Sravani	M. Sravani
4	B. Reena Rechal	B. Reena Rechal
5	Syed. Gousia	Syed. Gousia
6	Bss. Meenakshi	Bss. Meenakshi
7	P. krupani	P. krupani
8	G. Santha Kumari	G. Santha Kumari
9	Sk. Shakila	Sk. Shakila
10	L. Nithin kumar.	L. Nithin Kumar
11	G. Latha	G. Latha.
12	M. Farnst Henry	M. Farnst
13	R. Santhi jyothi	R. Santhi jyothi
14	M. Nandini	M. Nandini
15	T. Sirisha	T. Sirisha
16	K. Sai kali	K. Sai Kali
17	N. Siva parvathi	N. Siva parvathi

12.10.2017.

To,

The Principal,

SRR&CVR GDC (A),

Vijayawada.

Respected Sir,

Sub: Request letter to field trip for 3rd MBC students of our college - regd.,

With reference to above subject, I, D. Jyothi, lecturer in Botany (in charge of Dept of Microbiology) would like to bring your kind notice that it has been planned to have field trip to observe symptoms of diseased crop fields and plants for our 3rd year MBC students on date 13/10/2017 at Yanamalakuduru, Vijayawada. I assure this trip is much more useful and very effective for better understanding about their subjects.

Hence, we kindly request you to give permission to go to field trip.

Thanking you sir.

Your's sincerely,

1.D.Jyothi

2.C.Dorcas Anand.

Visit to Research centre - Sujay Biotech Pvt. Ltd. - VIJAYAWADA.

09.01.2015





Final Year BZC students and faculty have visited the tissue Culture Unit - Scientists have explained about Instrumentation, Hydroponics, tissue culture and culturing of animal feed.

SRR & CVR Government Degree College

Machavaram, Vijayawada, Krishna District, AP- 520 004

DEPARTMENT OF BOTANY

Dates	9.1.2018
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.	Department
Nature of activity (seminar/Workshop/Extn. Lecture etc.	Field Visit
Title of the Activity	Research Center Visit
Name of the Department/Committee	Department of Botany
Details of Resource Persons (Name , Designation etc.,)	Sujay Biotech Pvt Ltd Vijayawada Tissue culture Unit Scientists
No of students participated	30
Name of the Lecturers who planned & conducted the activity	Planned and Organized by Mrs D.Jyothi Lecturer In Charge Ms V. Nagalakshmi , Lecturer in Botany
Remarks	Research Center visit was very beneficial to students

Department of Botany SRR & CVR Govt DegreeCollege organized a one day visit / trip to Research station on 9.1.2018.

Motive of this program:

- On site /Hands on exposure to students
- Incorporating Research zeal in students
- Exposing students to to practical real time Research working environment

Tour Report :

Students and faculty visited Sujay Biotech Pvt Ltd , Vijayawada Tissue culture labs .

Students observed all the processes happening in the tissue culture unit . The scientists working in the tissue culture unit showed students all the equipment used in culturing of tissue .

This Company staff showed students that they primarily produce Biofertilizers, biopesticides and biofungicides .They explained to students that the products offered by the industry are acknowledged for their features like precise pH value, accurate composition, longer shelf life, effective results and eco-friendliness.

'Sujay' group of Industries managing staff explained to students that they have a strong team of Scientists having experience to convert In-vitro technologies into applicative commercial technologies. The sectors include, Biotechnology, Agriculture, Waste management, Bio-energy, Aquaculture, Veterinary and Nutraceuticals.

The Staff explained that success of our products and consultancies lies in the school of thought of our R&D Scientists. They told that hard work of R&D wing led to clear understanding on the basic problems in elimination of malnutrition, detoxification of pollutants at-source and extraction of valuable end products from economic indigenous raw materials.

Scientists explained to students the working mechanism of research lab equipment and their applications . They explained about the processes of Hydroponics, tissue culture , and culturing of animal feed.



Hydroponics is a type of horticulture and a subset of hydroculture which involves growing plants, usually crops, without soil, by using mineral nutrient solutions in an aqueous solvent. Terrestrial or aquatic plants may grow with their roots exposed to the nutritious liquid, or, in addition, the roots may be physically supported by an inert medium such as perlite, gravel, or other substrates. Despite inert media, roots can cause changes of the rhizosphere pH and root exudates can affect rhizosphere biology and physiological balance of the nutrient solution by secondary metabolites.

Plant tissue culture is a collection of techniques used to maintain or grow plant cells, tissues or organs under sterile conditions on a nutrient culture medium of known composition. It is widely used to produce clones of a plant in a method known as micropropagation.

Plant tissue culture includes two major methods: • (A) Type of in vitro growth-callus and suspension cultures. • (B) Type of explant— single cell culture, shoot and root cultures, somatic embryo culture, meristem culture, anther culture and haploid production, protoplast culture and somatic hybridisation, embryo culture, ovule culture, ovary culture, etc.

Scientists explained to students the working mechanism of research lab equipment and their applications . They explained about the processes of Hydroponics, tissue culture , and culturing of animal feed.



Hydroponics is a type of horticulture and a subset of hydroculture which involves growing plants, usually crops, without soil, by using mineral nutrient solutions in an aqueous solvent. Terrestrial or aquatic plants may grow with their roots exposed to the nutritious liquid, or, in addition, the roots may be physically supported by an inert medium such as perlite, gravel, or other substrates. Despite inert media, roots can cause changes of the rhizosphere pH and root exudates can affect rhizosphere biology and physiological balance of the nutrient solution by secondary metabolites.

Plant tissue culture is a collection of techniques used to maintain or grow plant cells, tissues or organs under sterile conditions on a nutrient culture medium of known composition. It is widely used to produce clones of a plant in a method known as micropropagation.

Plant tissue culture includes two major methods: • (A) Type of in vitro growth-callus and suspension cultures. • (B) Type of explant— single cell culture, shoot and root cultures, somatic embryo culture, meristem culture, anther culture and haploid production, protoplast culture and somatic hybridisation, embryo culture, ovule culture, ovary culture, etc.



Students learnt about all the methods and process by directly seeing the cultures ,observed the preparation of Media and its composition and observed the aseptic conditions maintained in tissue culture units.



Students observed Various sterilization methods . The tour was very informative and beneficial to Botany students .

STUDENT SIGNATURES AND FEEDBACK					
S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
1.	9.1.18	II BZC	163174018	Priyanka	satisfactory
2	9.1.18	II BZC	163174024	RAJU	Good
3	9.1.18	II B.Z.C	163174030	Naga Jyothi.	useful
4	9.1.18	II. B Z C	163174026	Durgaprasad	Good.
5	9-1-18	II. B. ZC.	163174022	prasath	Good.
6	9-1-18	II BZ.C	163174020	Priya	Good.
7	9.1.18	II B.Z.C	163174041	[signature]	Good
8	9.1.18	II BZC	163174025	Madhu	useful
9	9.1.18	II BZC	163174028	Deepu	Good
10	9.1.18	II BZC	163174019	Saleem	Good.
11	9-1-18	II BZC	163174023	prasanna	Good.
12	9.1.18	II BZC	163174028	Bhanaprakash	useful
13	9.1.18	II BZC	163174040	sandeep	Good
14	9.1.18	II BZC	163174046	swathi	Good
15	9.1.18	II BZC	163174043	Rechal	useful.
16	9.1.18	II B.Z.C	163174019	Ramesh	useful

SRR & CVR Government Degree College

DEPARTMENT OF BOTANY

STUDENT SIGNATURES AND FEEDBACK

S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
1.		II BZC	21317207	K. Mounika	Useful
2.		II BZC	21317201	A. Prasanthi	Good
3.		II BZC	21317209	T. Lavanya	Got awareness.
4.		II BZC	21317205	U. Jagadeesh	Good.
5.		II BZC	21317206	T. Mrudula	useful.
6.		II BZC	21317212	P. Navitha	Good
7.		II BZC	21317204	Devi Nagasri	Got awareness
8.		III B.Z.C	20311205	N. Monisha	Useful.
9.		III BZC	20311203	Shaik Baji Babavali	Good.
10.		III BZC	20311003	G. [illegible]	Good
11.		III BZC	20311216	P. Sai	Useful.
12		III BZC	20311008	P. [illegible]	Good
13.		III BZC	20211227	[illegible]	Good.
14.		III BZC	20311213	M. Gayathri	Good.

SRR & CVR Government Degree College

DEPARTMENT OF BOTANY

Field Trip 1

06-08-2017.

A field trip is conducted in the college campus to identify and collect the different flora for the Herbarium and prepare field notes.

Faculty members:-

1. M. Sravanavalli
2. D. Jyothi
3.

Students-

1. N. Sucharitha.
2. M. Madhulika
3. P. Likitha [BZC] I
4. P. Gopi
5. P. Rajesh
6. A. Madhurilatha
7. T. Parvathi
8. P. Sudha Rani (II BZC)
9. N. Sruthi (II BZC)
10.

Field Trip - I - SRR & CVR Campus.

To Collect Algal forms, fungal forms & Bryophytes

28.07.2017



I B.Z.C. students collecting plant material from Tree trunks and old walls into sample bottles.



Industrial Visit

August 2017

K.C.P. Sugar factory - Vuyyuru. Kr. Dt.



The students and faculty have visited KPC-Sugar industry. The students have observed Sugar manufacturing processes and fermentation of Molasses and preparation of manure from the residue.

Faculty members : 1. Ms. M. Sravana Valli.

2. Smt. D. Jyothi.

INDUSTRIAL VISIT

9-1-2018.

The final year BZC students accompained with faculty members have visited SUJAY BIOTECH PVT LTD a tissue culture unit - Auto Nagar - Vijayawada.

Scientists have explained about- Instrumentation, Hydroponics, Tissue culture and culturing of Animal feed.

Faculty Members:-

1. M Sravanavalli
2. D. Jyothi
3. SK- Parveen.

Students.-

1. S. Lava Kumar
2. P. Lavanya
3. B. Prasanthi
4. Y. Sandhya
5. M. Prasanthi
6. P. Kalyani
7. M. Manohar
8.

S.R.R. & C.V.R. Government Degree College (A),Vijayawada.

Department of Mathematics

Field Trip to Vedhic Mathematics Exhibition on 28-07-2017, 29-07-2017, 30-07-2017.

Report by Smt. K.V. Naga Lakshmi,
HOD of Mathematics.

Vijayawada,
Date: 26-07-2017

To,

The Principal,
S.R.R & C.V.R GOVT Degree College (A),
Vijayawada.

Respected Sir,

Sub:- Permission to attend the field trip to **Vedhic Mathematics Exhibition on 28-07-2017, 29-07-2017, 30-07-2017** organized by Vidya Bharathi Akhila Bharatiya Siksha Samstan at Satyanarayanapuram, Vijayawada – Reg.

26/7

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As per the curriculum Students & Staff of Mathematics Department, S.R.R & C.V.R Govt. Degree College (Autonomous) Vijayawada are willing to attend the field trip to **Vedhic Mathematics Exhibition on 28-7-2017,29-7-2017, 30-7-2017** organized by Vidya Bharathi Akhila Bharatiya Siksha Samstan at Satyanarayanapuram, Vijayawada.

In this regard I request you to permit our Staff and Students of Mathematics department to attend the above programme.

Thanking you.

Yours faithfully,

(K.V.Naga Lakshmi) 26/7/2017

Incharge of Mathematics Dept

Incharge of the Dept. of Maths.
S.R.R. & C.V.R. Govt. Degree College

Department of Mathematics has attended field trip to **Vedhic Mathematics Exhibition on28-07-2017, 29-07-2017, 30-07-2017** organized by Vidya Bharathi Akhila Bharatiya Siksha Samstan at Satyanarayanapuram, Vijayawada.

Smt.K.V. Nagalakshmi, in charge of Mathematics, and Faculty of Mathematics Sri. M.L. Das, Sri. K.V. Rama Rao, Sri. Ch. Jagadish, Sk. Parveen, K. Srinivas and in charge of Statics Sri. K. Bhanu Prasad along with 61 students of U.G and P.G. Mathematics students & 7 Nos of Faculty visited **Vedhic Mathematics Exhibition on 28-07-2017, 29-07-2017, 30-07-2017** organized by Vidya Bharathi Akhila Bharatiya Siksha Samstan at Satyanarayanapuram, Vijayawada. They interacted with programme organisers and acquired Knowledge on Mathematics. It created interest among the students in Mathematics.





Explaining about Vedhic Mathematics by a Student



Explaining about Vedhic Mathematics by a Participant

Programme Out Comes:

1) Students gained Knowledge on **Vedhic Mathematics**.
2) Finding Cubes of Big Numbers by using simple tricks.
3) Students acquired Knowledge on Beauty of Mathematics in Nature.
4) Vedhic Mathematics is useful for competitive Exams.

Field Trip

Date : 28-07-2017

With the permission of the Principal, the faculty of Mathematics and Statistics Departments along with the B.Sc. & M.Sc. Mathematics Students have attended the workshop on **Vedhik Mathematics** on 28-07-2017, 29-07-2017 and 30-07-2017, organized by **Vidya Bharathi Akhila Bharatiya Siksha Samsthan** at Satyannarayanapuram, Vijayawada.

Signature of the Faculty members attended.

1. K.V. Naga Lakshmi
2) K. Bhamprasad
3) CH JAGADISH
4) K. V. Rama Rao
5) Sk Jameen
6) D. Swarna Kumari
7) N. Srinivas

Principal

PRINCIPAL
SRR & CVR COLLEGE
(Autonomous)
Machavaram, VIJAYAWADA-520 004.

S.No	Name of the student	Section	Signature
1.	D. Neeraja	II B.Sc (MPCS)	D. Neeraja
2.	N. Sai Maneesha.	II BSC (MPCS)	N. Sai Maneesh
3.	P. Shameem	II BSC (MPCS)	P. Shameem.
4.	K. Nandini	II BSc (MPCS)	K. Nandini
5.	J. Niklila	II Bsc (MPCS)	J. Niklila
6.	CH. Vofu	II BSC (MPCS)	CH. Vofu.
7.	P. RAMBABU	II B.Sc (M.P.CS)	P. Rambabu
8.	B. Surya Prakash	II B.Sc (M.P.CS)	B. Surya Prakash
9.	M. Vikram	II B.Sc (M.P.CS)	M. Vikram
10.	P. Nutan Gond	II. B.Sc (MPCS)	P. Nutan Gond.
11	T. Dhanindra.	II BSC [M.P.CS]	T. Dhanindra
12.	J. RAVINDRA	II B.Sc [M.P.CS]	J. Ravindra.
13.	P. Hari krishna	II B.Sc [MPCS]	P. Hkrull.
14	J. Bhaskar	II. B.Sc [M.P.CS]	J. Bhaskar.

S.NO	Name of the student	Section	Signature
15	S. DINESH	II BSC(MPCS)	S. Dinesh
16.	Ch. Bhavani	BSC[MSCS]	Ch. Bhavani
17.	G. Venkata sai Pavani	BSC(MSCS)	G. Venkatasai Pavani
18.	ch. siva parvathi	BSC(mscs)	ch. siva parvathi
19.	Ch Vijaya	BSc(MSCS)	Ch. Vijaya
20.	M. Naga Lakshmi	B.S.C(M.S.C.S)	M. Naga Lakshmi
21.	T. Swathi	B.S.C(MSCS)	T. Swathi
22	G. Jyothi	B.S.C(M.S.CS)	G. Jyothi
23	E. Twinkle Mounika	BSC(M.S.CS)	E. T. Mounika
24.	k. Padmavathi	BSC(MSCS)	K. Padmavathi
25.	M. Madhavi latha	B.Sc(MSCS)	M. Madhavi Latha
26.	S. Ramadevi	II BSC(MSCS)	S. Rama devi
27.	R. Renuka	II B.SC(MSCS)	R. Renuka
28	ch. V. V. N Sailakshmi	II B.SC(MSCS)	ch. V. V. N Sailakshmi
29.	SK. Afrin	II. B.SC[MSCS]	SK. Afrin

S.NO	Name of the Student	Section	Signature
30	B. Naga Bhavani	B.Sc MECS	B Naga Bhavani
31	B. Gopi chand	B.Sc MECS	B.Gopi chand
32	D. Sai Teja	B.Sc MECS	D Sai teja
33	D. Raja Sekhar	B.Sc MECS	D.Raja sekha
34	D. V.L Manohar Kumar	B.Sc MECS	D.V.L.manohar
35	D. Sandeep	B.Sc MECS	D.Sandeep
36	E. Vasavi	B.Sc MECS	E. Vasavi
37	E. Lakshmi	B.Sc MECS	E. Lakshmi
38	G. Sravani	B.Sc MECS	G. Sravani
39	K. Siva	B.Sc MECS	K. Siva
40	K. Suresh	B.Sc MECS	K. Suresh
41	L. L. Narayana	B.Sc MECS	L.Narayana
42	K. Suresh	B.Sc MECS	K. Suresh
43	M. Naveen Kumar	B.Sc MECS	M.Naveen Kumar
44	P. Ravi	B.Sc MECS	P. Ravi
45	P. Swetha	B.Sc MECS	P. Swetha

S.No	Name of the Student	Section	Signature
46	A. Mohan	B.Sc M.S.CS	A. mohan
47	A. Rama Krishna	B.Sc M.S.CS	A. Rama Krishna
48	Ch. Vijaya	B.Sc M.S.CS	Ch. Vijaya
49	Ch. Devi	B.Sc M.S.CS	Ch. Devi
50	D. Sai Babu	B.Sc M.S.CS	D. Sai babu
51	G. Surendra	B.Sc M.S.CS	G. surendra
52	G. Jyothi	B.Sc M.S.CS	G. Jyothi
53	G. Suri Babu	B.Sc M.S.CS	G. suri babu
54	K. Sai Kumar	B.Sc M.S.CS	K. Sai Kumar
55	L. Suma Durga	B.Sc M.S.CS	L. Suma Durga
56	M. Aruna	B.Sc M.S.CS	M. Aruna
57	M. Naga Lakshmi	B.Sc M.S.CS	Naga lakshmi. M
58	P. Swetha	B.Sc M.S.CS	P. swetha
59	S. Rama Devi	B.Sc M.S.CS	S. Rama Devi
60	T. Durga	B.Sc M.S.CS	T. Durga
61	T. Swathi	B.Sc M.S.CS	T. Swathi

BRIEF REPORT ON DELHI – AGRA EDUCATIONAL TOUR

CONDUCTED BY

SRR & CVR GOVT. DEGREE COLLEGE, VIJAYAWADA
&
DISTRICT RESOURCE CENTER, KRISHNA (Dt)




SUBMITTED

BY

N JOHN SUKUMAR
TOUR CONVENER
ASST PROFESSOR, DEPT OF ECONOMICS
SRR & CVR GOVT. DEGREE COLLEGE, VIJAYAWADA

BRIEF REPORT ON DELHI – AGRA EDUCTIONAL TOUR

Education Tour offers an opportunity for a rich immersion experience and tremendous way to facilitate learning. In educational tour, students have the chance to experience and explore much deeper level than they ever could in the class room. Therefore SRR & CVR Govt. Degree College, Vijayawada under the guidance of The District Resource Center, Krishna district organized an educational tour to Delhi and Agra from 28-30 January, 2018. This was a great idea of Dr. Velaga Joshi, The chairman of DRC and the principal of SRR & CVR Govt. Degree College, Vijayawada. This idea implemented by DRC coordinator Smt K L C Devi and Tour Organizer Lt M. Madhava Rao. Thirty students of which 08 were girls and 22 were boys from six Govt. Degree Colleges throughout the district went for the tour accompanied by three faculty members, Sri. N. John sukumar (Assistant Professor, Department of Economics) as a convener from SRR & CVR Govt Degree College, Vijayawada, Smt. SK. Beebi (Assistant Professor, Department of Chemistry) GDC, Kaikaluru and Sri. M. Jayaraj (Lecturer in Telugu) GDC, Tiruvuru.

Pre planning and preparation: Success of every event is depends upon the strong planning and coordination. So we have given maximum time and used highest resources to plan educational tour for our students.

Selection of location: It is very important in the prospect of all the essential aspects as part of curriculum, education, inspirational and motivation. Keeping all factors in mind Our Principal Dr. Velaga Joshi garu have decided to go to Delhi and Agra.

Train booking: After taking final nomination Lt M. Madhava Rao garu and co booked train tickets with student concession from Vijayawada to Delhi in Pondicherry express and from Delhi to Vijayawada in Grand trunk express.

Bus Booking in Delhi: We booked very comfortable bus of HOHO travels for four days to see around Delhi and Agra well in advance.

Accommodation Breakfast and Dinner: We have booked rooms in International Youth hostel in New Delhi well in advance. Breakfast arranged in hostel only. Dinner is arranged by our respected Vijayawada MP Sri Kesineni Nani garu at Andhra bhavan with the help of our Principal Dr. Velaga Joshi Garu.

Objectives of the tour

The specific objectives of the tour are

1. **Real world experience:** Students practice their skills and critical thinking abilities outside of the controlled class rooms and he/she able to learn real world lessons.
2. **Socialization:** Taking students into a new environment give us the experience of travelling in a group teaches us to socialize and to be respectable of the places we visit.
3. **Reinforcement:** The tour can reinforce what a teacher has been instructing in class room about the subject and help students understand the topic better.
4. **Bonding:** students may be spend much of the trip day in small groups observing, chatting and learning about each other, and it will form a new bond among the students.
5. **Fun:** Students have fun and enjoyment with their friends and they also may return to the class room with a renewed focus with their college work.

Significance of the tour:

The educational tour provided valuable learning opportunities away from the class room without using the text books and other normal college setting. BY coming into direct contact with different environment student can better understand their place in the community and develop openness to differences in others.

Tour proceedings

24th January 2018: all the thirty students and three staff members presented in SRR & CVR Govt. Degree College, Vijayawada at 5:30PM. Among the thirty students 6 students are from SRR & CVR Govt. Degree College, Vijayawada, 6 are from GDC, Tiruvuru, 6 are from GDC, Kaikaluru, 6 are from GDC, Bantumilli, 4 are from GDC, Pamarru and 2 Girls from SWGDC, Kanchikacharla. All the students gathered at Sri Viswanatha kala vedika and Dr. velaga Joshi garu gave them some instructions about the tour and each and every student is given the instructions paper prepared by tour management. 3 staff members and 30 students received jerkins from Principal Dr. Velaga Joshi and from the members of old students association. We had a photo session with principal, staff and the eminent members of college old students association.

PROCEEDINGS OF **THE** CHAIRMAN, DRC, KRISHNA DISTRICT

Present : Dr. Velaga Joshi, Principal, SRR & CVR GDC (A), Vijayawada.

Rc..l.'io: 02/DRC/Ki·isbna/2017-18 Dated: 06.11.2017

Sub:- District Resource Committee - Krishna District - Educational Tour to Delhi in January 2018.

Ref:- I. DRC Meeting held on 07.07.2017

*** *** ***

With reference to the subject cited, as per the resolution made in District Resource Committee (DRC) Meeting held on 07.07.2017 at SRR & CVR Govt. Degree College (A), Vijayawada, DRC proposed to organize "Edu cational Tour" to New Delhi tentatively 07.01.2018 to 11.01.2018 (both clays ind usive). Hence all the principals in the district are requested to send the names of the six deserving candidates from each college from Arts, Commerce and Science streams (both genders). They are reques ted to submit the list duly obtaining their willingness to the DRC, Vijayawada by 10.11.2017 to facilitate booking of tickets in advance.

Further as per the resolution made on 07.07.2017 they are requested contribute Rs.5000/- (Rupees Five Thousand Only) to DRC to organize various activities with the principals in the District.

PRINCIPAL

PRINCIPAL

SRRI CVRGOYt.CEGMf COt.LEGE

(AUtOII°"""")

M•echaunni , VLJAYNIfAOA.- 00,I,

Proceedings of the Principal, SRR&CVR Govt. Degree College (A) MACHAVARAM::VIJAYAWADA.

Present : **Dr Velaga Joshi, Principal ,** ***M.A(Phil).,M.A(His) M.A(MCJ) .,M.Phil.,Ph.D.***

Rc.No:02/DRC/Convener/Educational Tour/2017-18 ***Date:10.01.2018.***

Sub: Sri.N.John Sukumar-Lecturer in Economics SRR&CVR Govt.Degree College (A) Vijayawada-Appointment of Convener of Educational Tour from 24.01.2018 to 30.01.2018- Orders – Issued- Regarding.

-:oOo:-

Order :-

Sri.N.John Sukumar, Lecturer in Economics of S.R.R & C.V.R Govt. Degree College (A) Vijayawada Appointed as Convener of the Educational Tour to New Delhi from 24.01.2018 to 30.01.2018 .he will be in charge of the tour programme in all respects, by taking care of the safety ,security and discipline of the entire team of the educational tour and also monetary ,Issues . He is further advised to maintain dairy of the tour programme with all necessary details. Dr. Shaik Beebi of Y.V.N.R. GDC and Sri M. Jayaraj of GDC Tiruvur act as team members of educational tour.

PRINCIPAL

Encl:
To & fro train ticketsList
of students Itinerary

Copy to Individual,
Copy to C.C.E for information,
Copy to D.R.C file.

INSTRUCTIONS TO THE STUDENTS

1) Students must attend SRR&CVR govt degree college, Vijayawada on 24th January 2018 at 5 PM with One concerned lecturer. Dinner is arranged at college premises.
2) We will get into the train **(Pondicherry – New Delhi express Train No: 22403)** in Vijayawada railway station at 8 PM.
3) We are going to get down at New Delhi railway station on 26th January 2018 at 3:20AM and students are instructed to fresh up in railway station itself and we will move to International Youth hostel. Check in time: 10AM
4) Tentative Tour schedule
   26-01-2018 After breakfast going to participate in republic day celebrations and take rest OR shopping.
   27-01-2018 Delhi to Agra visit Taj Mahal one of the worlds 10wonders and Madura
   28-01-2018 Delhi local tour
   29-01-2018 Delhi local tour and shopping get down at New Delhi Railway station to Catch **GT Express Train No: 12616** at 5 PM
5) We will reach Vijayawada at 11:30 PM on 30th January 2018
6) Students should bring Rs 1000/- or above with them for Lunch and other entry expenses in sightseeing.
7) You can bring Rugs, swatters, Monkey caps and woolen cloths, blankets, socks, gloves as Delhi and surroundings are 5 to 6 Degrees of temperature.
8) You can carry your refreshment (chapattis, puris, lemon rice, snacks, water, etc.) to eat in train on 25th January 2018 if possible. You are free to bring eatables with you or you can take breakfast, lunch and dinner in train with your own expenses.
9) You are informed your coach and seat no priorly and student have to occupy his/her seat and afterwards you can adjust your seat with your friends.
10) **Every college must name one as a leader for their college group.**
11) **Students must bring college ID and aadhar card with them and they have to show when ever is required in the entire tour.**
12) You have to safeguard your own belongings.
13) Please avoid bringing any expensive gadget or valuables.
14) **You are expected to be in line with the faculty decision, and behave in a decent manner.**
15) Students are not supposed to engage in any unacceptable activity that would hamper the repute of the institute.
16) You have to report to your group leader.
17) **You are not supposed to go anywhere without faculty permission.**
18) Each time you board a bus or leave a building, you should take a count of your group.
19) **If a there is a medical concern during the trip, notify faculty immediately**.
20) Students must prepare tour book and submit it with feedback and suggestions.
21) Students are divided into two groups headed by two faculty members and the details will be given on 24th January 2018 at 5 PM.
22) Tour convener N. JOHN SUKUMAR, Asst Professor, Dept of Economics, SRR &CVR Govt Degree College (A), Vijayawada. Mobile No: 9440506282
    Concerned faculty members:
    1. Sri M. Jayaraju, Lecturer in Telugu, GDC, Tiruvuru. Mobile No: 9885415561
    2. Smt SK. Beebi, Lecturer in Chemistry, GDC, Kaikaluru. Mobile No: 9492125099

TEAM – 1

In charge faculty: **Smt SK. Beebi**, Lecturer in Chemistry, GDC, Kaikaluru.

1.	J. Chandrika	SRR GDC, Vijayawada	TEAM LEADER	8639723341
2.	J. Manisha Cakravarthy	SRR GDC, Vijayawada		9100626440
3.	E Swapna	SRR GDC, Vijayawada		7673927290
4.	M. Sireesha	GDC, Kanchikacharala	TEAM LEADER	9177082488
5.	CH. Haritha	GDC, Kanchikacharala		9640529181
6.	SK. Najma Begum	GDC, Tiruvuru	TEAM LEADER	
7.	A. Krishnaveni	GDC, Tiruvuru		
8.	G. Mounika	GDC, Tiruvuru		
9.	B. Shankar Krishna	GDC, Kaikaluru	TEAM LEADER	8008363689
10.	B. Harish	GDC, Kaikaluru		9502818138
11.	B. Koteswar Rao	GDC, Kaikaluru		9705353506
12.	K. Bhagya Raju	GDC, Kaikaluru		9676350411
13.	V. Suresh Kumar	GDC, Kaikaluru		9542312889
14.	V. Sai Subrhamanyam	GDC, Kaikaluru		8465972027

TEAM – 2

In charge faculty: **Sri M. Jayaraju**, Lecturer in Telugu, GDC, Tiruvuru.

1.	S. Deepu Visveswar	SRR GDC, Vijayawada	TEAM LEADER.	9000733242
2.	K. Satwik Maharshi	SRR GDC, Vijayawada		7995636329
3.	M. Raghava Ganesh	SRR GDC, Vijayawada		8801754679
4.	B. Pavan Deep	GDC, Tiruvuru	TEAM LEADER	
5.	SK. John Basha	GDC, Tiruvuru		
6.	E. Suneel	GDC, Tiruvuru		
7.	J. Sudhakar Babu	GDC, Pamarru	TEAM LEADER	
8.	D. Vijayakanth	GDC, Pamarru		
9.	K. Sai Gangadhar	GDC, Pamarru		
10.	CH. Sai Kumar	GDC, Pamarru		
11.	K.S.S.N. Balaji	GDC, Bantumilli	TEAM LEADER	8977718772
12.	P. Santhosh Paul	GDC, Bantumilli		8499003357
13.	G. Nandikesava Rao	GDC, Bantumilli		9703745526
14.	J. Naveen Nayak	GDC, Bantumilli		9490027533
15.	T. Poorna Raju	GDC, Bantumilli		9550344901
16.	SK. Azharuddin	GDC, Bantumilli		8142477688

Tour Convener **N JOHN SUKUMAR**, Asst Professor, Dept of Economics, SRR &CVR Govt. Degree College (A), Vijayawada, Will look after the both teams.



GROUP PHOTO

Then we have divided the students into two groups. Team A is headed by Smt SK. Beebi garu with 14 students and Team B is headed by Sri Jaya Raju garu with 16 Students.

Then we went to Vijayawada Railway station at 8 PM by local autos and we got into the train at 8:10 PM. Night dinner was arranged by Smt K L C Deivi garu and food packets were distributed by Lt. M. Madhava Rao garu in railway station to each and every student.



VIJAYAWADA RAILWAY STATION PONDICHERRY EXPRESS

Train started at exactly 08:20 PM. It's a very long journey to reach New Delhi railway station. It took 34 Hours to reach our destination. We reached New Delhi on 26th Morning at 6:30 AM.



NEW DELHI RAILWAY STATION

26th January 2018 (Friday):

All the students and staff members completed their morning activities and had their breakfast in the station itself. Hoho bus came to rail station at 8:30 AM.



HOHO BUS

We went to International Youth Hostel in Chankyapuri. We have given four rooms (dormitories) and Separate room for girl students.



INTERNATIONAL YOUTH HOSTEL

We kept our luggage in the rooms and rush up to see the Republic day parade at Red Fort, but we are not allowed to see the republic day celebrations because we didn't have passes. And we came to know that all the roads were closed even one day before by 04:00 PM. Bit a disappointment we tried to move to akshrdham temple.

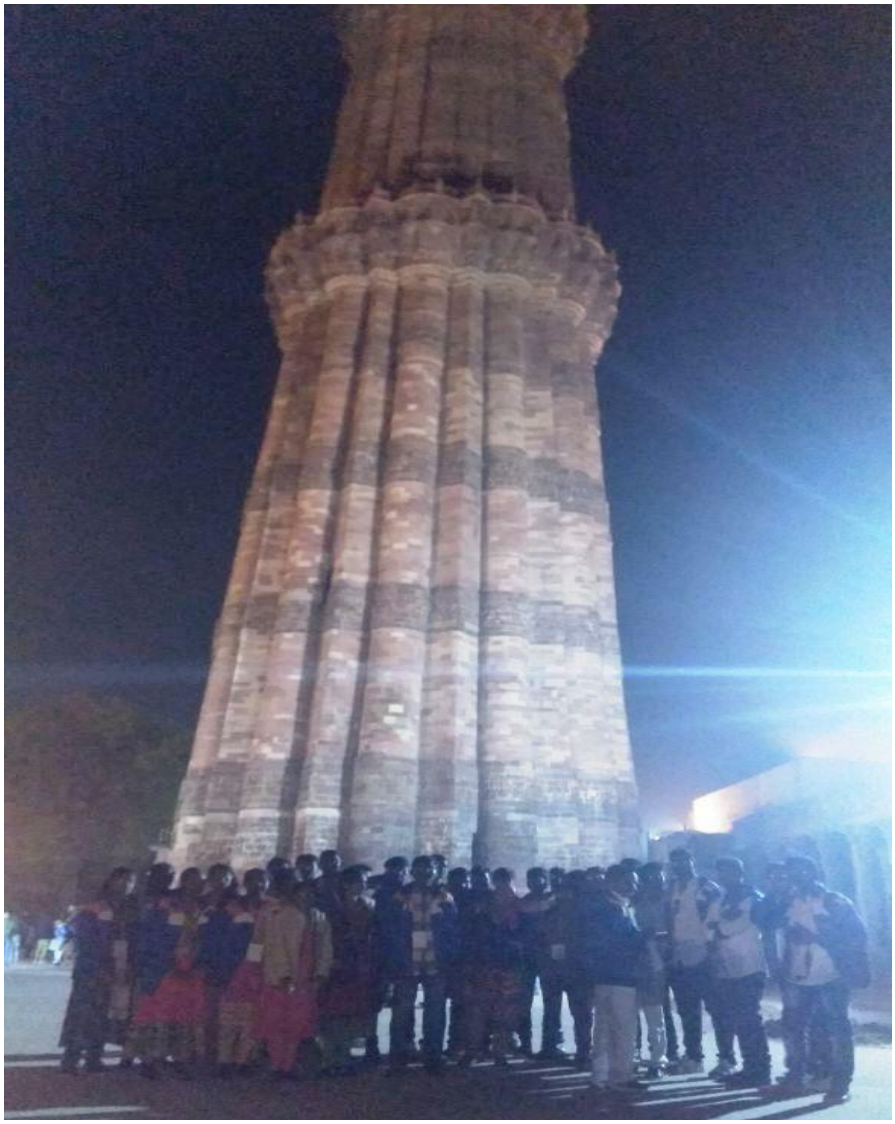
Akshardham Temple: Akshardham Temple is the largest Hindu temple of India and is a major tourist destiny of India. The temple devoted to Swaminarayan has around 2000o statues, floral monuments, ponds, a large dining hall, numerous shopping complex and beautiful gardens. Situated on the bank of the Yamuna Akshardham temple has an IMAX theater, beautiful musical fountains. The students are very happy of visiting this temple.



AKSHARDHAM TEMPLE

After visiting the temple bus was waiting for there for us in which we travelled to Qutab Minar

Qutab Minar: Qutab Minar is one of the historical places in India. It was built in 2012A.D and 73m height. It is one of the tallest minar in India and made from red stand stone and marbles. Including this 73m high Qutub Minar, the iron pillar located in the Qutub complex is also visited by our students.



QUTAB MINAR

After visiting Qutab Minar we went to Andhra bhavan for dinner and respected Vijayawada MP Sri Kesineni Nani garu arranged dinner for us. After taking the dinner we came back to International Youth hostel.

27th January 2018 (Saturday): Today we started at 6:30 AM in Volvo bus to Agra nearly 220 Km from Delhi. After 2 Hours of journey the driver stopped our bus nearby dhaba for breakfast. We

finished our breakfast and started again to Agra. Students enjoyed the travel of 4Hours with little games, songs and entertainment like dialogues and many more. We reached Taj Mahal around at 11:00 AM. We bought the tickets and stand in a big queue. There are two separate queues one is for girls and one is for boys. Girls went into the premises of Taj mahal quickly but for boys it took nearly 4 hours to reach Taj Mahal. It is very difficult & challenging to photograph the Taj Mahal. It's probably one of the most widely photographed monuments & hence, it's very difficult to get a 'different' or 'new' picture of the Taj. Even we couldn't get a photograph with whole team at Taj Mahal. Students scattered at taj Mahal area Because of reaching Taj Mahal by different students in different times due to big queues.

Taj Mahal: The Taj Mahal, often referred as the "Crown of Palaces" is a marvel creation of Mughal emperor Shah Jahan. It was built by him in memory of his third wife, Mumtaz Mahal. The mausoleum is built entirely of white marble.



TAJ MAHAL



After visiting Taj Mahal we came out by 6:30 PM and finished shopping there followed by dinner at at &:30 PM. The bus is waiting for us and we got into the bus by 09:00 PM. We reached International Youth Hostel, New Delhi by 02:00 AM. It is very difficult travel as the climate didn't supported with heavy fog.

27th January 2018 (Sunday):

Today we started our journey to see New Delhi by 10:00 AM after taking our breakfast at our hostel. First we reached Indira Gandhi memorial museum.

Indira Gandhi Museum: Indira Gandhi Museum was the residence of former Prime Minister of India, Mrs Indira Gandhi. This residence has turned into a museum displaying her personal effects, including the blood stained saree, she was wearing during the assassination. It is great experience for us to see the greatness of our first women prime minister of India.



INDIRA GANDHI MEMORIAL MUSEUM

After visiting Indira Gandhi Museum we moved to see India Gate.

India Gate: India Gate situated in the heart of Delhi was built in memory of the 90,000 soldiers who laid down their life during World War 1. The 42m height India Gate is a popular tourist destiny of Delhi. The place is popular as a relaxation area during evening of summer and a picnic spot during winter. Students enjoyed this place and finished their lunch nearby hotels.



INDIA GATE

After visiting the India Gate we moved to visit Red Fort. On the way we had seen the Rashtrapathi Bhavan from bus. We are not permitted to visit Rashtrapathi Bhavan because of republic day celebrations. At 03:00 PM we reached red fort.

Red Fort: The Red sandstone walls of the massive Red Fort (Lal Qila) rise 33-m above the clamour of Old Delhi as a reminder of the magnificent power and pomp of the Mughal emperors. The walls, built in 1638, were designed to keep out invaders, now they mainly keep out the noise and confusion of the city.



RED FORT

After visiting the red fort we went for shopping in Chandni Chowk

The Chandni Chowk (Moonlight Square): is one of the oldest and busiest markets in Old Delhi, India. Chandni Chowk is located close to Old Delhi Railway Station. The Red Fort monument is located within the market. It was built in the 17th century by Mughal Emperor of India Shah Jahan and designed by his daughter Jahanara.



CHANDNI CHOWK

After finishing the shopping we went to Andhra bhavan for dinner. We had a nice dinner today with Andhra meals which is also sponsored by our beloved Vijayawada MP Sri Kesineni Nani garu. After dinner we came back to International Youth Hostel.

28th January 2018 (Monday):

We packed our luggage and we vacated the rooms and had our breakfast by 10:00 AM. We started our journey to see around Delhi. First we visited National Science Center.

National Science Centre: The National Science Centre, Delhi is a unit of the National Council of Science Museums (NCSM), which is an autonomous body under the Ministry of Culture of the Government of India. It is a pioneering institute engaged in the popularisation of science among the people of the northern part of India in general and among the students in particular. It was inaugurated on the 9th of January 1992 by the then Prime Minister of India . Since opening, the Centre has rendered yeoman service to the cause of science popularisation.



NATIONAL SCIENCE CENTRE

After visiting the science center we visited Supreme Court

SUPREME COURT OF INDIA: Supreme Court of India came into existence on 26th January, 1950 and is located on Tilak Marg, New Delhi. The Supreme Court of India functioned from the Parliament House till it moved to the present building. It has a 27.6 metre high dome and a spacious colonnaded verandah. For a peek inside, you'll have to obtain a visitor's pass from the front office.



SUPREME COURT OF INDIA

After visiting Supreme Court of India we went for Lunch at Andhra bhavan. Finished our lunch and came back for shopping at Chandini Chowk where the students got the goods very cheaper rate. After completing our shopping we moved to New Delhi Railway station to catch GT Express by 06:20 PM. We reached Vijayawada Railway station on 31st January 2018 at 01:00 AM.

Certificates: Participation certificates were issued to each and every student.

Recommendations

2. It is better to arrange Delhi – Agra tour in the month of February not in the month of January as there are so many restrictions due to the Republic day celebrations.

Feedback from the students: Students were very satisfied with the places selected by DRC. Students loved the journey to Agra and enjoyed the beauty of Taj Mahal. They also enjoyed the places like Askhardham, Red Fort, Kutubminar and so on. They got motivated through the life history of Smt. Indira Gandhi the first Women Prime Minister by visiting Indira Gandhi Musium. They enriched with scientific thoughts by visiting National Science Center.

This was the learning as well as fun oriented trip for all of them where they have developed close bond with all the students who are from various colleges and staff as well. Various inner hidden skills like leadership, creativity, singing, music etc., came out during this trip. It was unforgettable experience for all of them. They have requested to go for similar educational tour on regular basis and had shown their sincere gratitude towards Vijayawada MP Kesineni Nani garu, Principal Dr. Velaga Joshi Garu, DRC coordinator Smt. K L C Devi garu and Tour Organizer Lt. M. Mahdava Rao garu, for their support an effort for the success of the Delhi - Agra tour.



Thanks to Sri Kesineni Nani Garu, MP, Vijayawada

SRR & CVR GOVERNMENT DEGREE COLLEGE (AUTONOMOUS)
MACHAVARAM, VIJAYAWADA-520004
DEPARTMENT OF ZOOLOGY

Name of the Activity	**Field Visit to Dairy Farm by III B.Sc BZC students**
Place	**At Undavalli**
Date	**2/11/2017**



As part of curriculum for paper vi Animal Husbandry – students visited dairy farm and students were told about machniery used for feed chopping and usage of machniery for different types of feeds.



As part of curriculum for paper vi Animal Husbandry – students visited dairy farm and have identified different species of buffalos and cows in the dairy farm, they have seen the housing system and feed management process followed in that dairy farm.

*****

SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)
PHONE NO : 0866-2430060
FAX NO : 0866-2441092
NAAC : B+ (III Cycle with CGPA : 2.60) - Estd: 1937
ISO 9001 - 2015 Certified
Institution is ranked by NIRF in 151 - 200 band at NIRF - 2019
WEBSITE : www.srrcvr.org
EMAIL : srrandcvr@gmail.com

DEPARTMENT OF BOTANY





Botanical tour to Araku valley (25-01-2019 to 28-01-2019)

Faculty In- charge:

1. Smt. D. Jyothi
2. G.V. Varalakshmi
3. V. Nagalakshmi

Number of Participants: 20

Nature of Activity: Out Door

SRR & CVR Government Degree College (A), Vijayawada

Botanical tour Activity report

Department of Botany organized Botanical tour to Araku from 25th January to 28th January 2019. Twenty students attended the Botanical tour and were accompanied by three faculty members. During the tour students had visited “Padmapuram Botanical Gardens” a historic garden located on the way to araku road. It purely meant for attracting the tourists through its displayed fascinating flowers. Students observed the cultivation of Spices like *Piper nigrum* and beverages like Coffee plantations in the valley of Araku. Students interacted with the tribal people to know about the lifestyles. Tribals of Araku valley used a method of cultivating crops known as Podu cultivation. They collected forest products and sell them in a public gathering known as “Santha” which is the source of income to many tribal families. Students also visited tribal museum which has been designated to showcase tribal life style in motion, starting with a kitchen that displays utensils made of iron and mud. The sculptures in the museum made up of caly which depict their day to day activities. Being a part of Botanical tour students are also visited Coffee museum, Chaparaai water falls and Galikonda view point which is the second highest peak in the Eastern Ghats for spectacular view of Araku valley.


BORRA GUHALU
HEIGHT ABOVE M.S.L.777.71mts.
SRR & CVR GOVT. DEGREE COLLEGE
(AUTONOMOUS)
Machavaram, Vijayawada - 520004
DEPARTMENT OF BOTANY & MICROBIOLOGY'S
BOTANICAL TOUR TO ARAKU
Dates : 25th - 28th January 2019
Staff & Students
Botanical Tour to Araku
25/1/19 to 28/1/19


Students Observing the Wild Flora
of Araku Valley area


Observation of
coffee seeds


observing the Cultivation of
Paddy crop through Podu
cultivation by tribes of Araku

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WEBSITE : www.srrcvr.org
EMAIL : srrandcvr@gmail.com

Botanical tour to Araku Valley

Internal Quality Assurance Cell (IQAC)

This is to certify that the activity report (Teacher/Department) on Botanical tour to Araku Valley organized by Department of Botany from 25th January to 28th January, 2019 has been submitted IQAC for documentation, SRR & CVR Government Degree College(A), Vijayawada.

IQAC CO-ORDINATOR PRINCIPAL

SRR & CVR GOVERNMENT DEGREE COLLEGE (A)
VIJAYAWADA, KRISHNA DIST.

A REPORT ON
INDUSTRIAL VISIT

To
The Krishna District Milk Producers, Vijayawada

Date & Time :
29- 12-2018 from 10.00 am to 2.pm

Participants :
Sri.S.N.Subhani, Incharge
Faculty of Commerce:
Sri. B.S.N. Rao,
Sri.M.S.Sharma
Smt. Razia Sulthana
Students of BBA

Organised by :
Department of Commerce & Management
SRR & CVR Government Degree College (A)
Vijayawada, Krishna Dist.
Andhra Pradesh

INTRODUCTION:

Educational Field Trips make the student more diligent, increase their knowledge, facilitates the learning process, and provides a special experience for students that cannot be found in books. Besides that, teachers use this to apply moral values among the students.

Keeping this in view, The Department of Commerce & Management of SRR & CVR Government Degree College arranged an Industrial visit to B.Com & BBA students on 29th December 2018 to Vijaya Milk chilling factory chittinagar, Vijayawada to Vijaya Milk Factory, where they got some fine knowledge of workings and management of a factory. They understood the working pattern of Vijaya milk factory, their management, and their marketing strategies.

ABOUT VIJAYA MILK FACTORY:

Vijay Dairy & Farm Products (P) Ltd was incorporated in the year 1994. Vijay Dairy has a committed vision to procure quality milk from the farmers and produce milk and milk products through superior technology and process and makes it available to customers at a competitive price.

Krishna District with its rich heritage and abundant natural resources is famous for Dairying and Agriculture from the beginning. Krishna District extends over an area of 8727 sq. kms with a coastline of 88 Kms. The district has 967 inhabited villages. It has 33% of the urban population is the second highest in the State next to Hyderabad. The district is divided into Delta and Upland Zones. Endowed with rich varieties of soils the district occupies an important place in agriculture. The Dairying and Agriculture activities have gained momentum with the construction of the dam across the river Krishna by Sir Arthur Cotton. Even now Krishna District occupies an important place with reference to Dairying in Andhra Pradesh. It has total cattle population of 8,81,502 out of which breedable cattle are 4,52,209 (cows 38,505 and buffaloes 4,13,704). It has the distinction of starting dairy activities under organised sector in A.P. in the early sixties of 20th century. The first powder plant of South India was established in Vijayawada.

DETAILS OF VISIT :

PRODUCT RANGE:-

Krishna Milk product range includes

- MILK
- MILK POWDER
- BUTTER
- GHEE
- CHEESE
- MASTIDAHI
- YOGHURT
- BUTTERMILK
- CHOCOLATE
- ICE CREAM
- CREAM
- SHRIKHAND
- PANEER
- GULAB JAMUN
- FLAVOURED MILK
- BASUNDI
- KRISHNA MILK PRO BRAND

Krishna Milk PRO is a recently launched brown beverage just like bournvita and Horlicks offering whey protein, DHA, and essential nutrients. ¬ Krishna Milk launched India's first sports drink, Stamina, which competes wit coco-Cola'ss Powerade and PepsiCo's Gatorade. Krishna Milk offers mithaimate which competes with Milkmaid by Nestle by offering more fat at a lower price. ¬ Krishna Milk introduced Kool Koko, a chocolate milk brand extending its product offering in the milk products segment. Other Krishna Milk brands are Krishna Milk Kool, a low-calorie thirst-quenching drink; Masti Butter Milk; and Kool Cafe, ready-to-drink coffee. Krishna Milk ice creams are made from milk fat and thus are ice creams in the real sense of the word, while many brands in India sell frozen desserts made from vegetable fat. Krishna Milk sugar-free Pro-Biotic Ice-cream won The International Dairy Federation Marketing Award for 2007. Anand Plant Produces Milk Powder and Butter.

SUMMARY OF VISIT:

We arrived at KRISHNA MILK at 10:00 AM. After that, we gathered at the front gate and visited various sections of KRISHNA MILK. There We are guided by Mrs Jaya Lakshmi, who is working in the documentation department of the factory for the entire programme. We started with the animation movie which showed a glimpse of Krishna Milk dairy since its inception at Krishna district at the dairy memorial auditorium. It also gave details of the company profile and its present functioning in the dairy industry for different milk products. The technical team has explained the automation of dairy through a presentation containing many functional block diagrams and existing computerized controlled machinery.

After that the students visited 5 different sections of KRISHNA MILK Dairy Plant:

- **Butter plant:** where the students were informed of butter production in KRISHNA MILK.
- **Milk powder plant:** where the students visited manufacturing as well as packing and dispatching functions of KRISHNA MILK
- **Refrigeration Unit:** where students were getting knowledge about refrigeration system.
- **Milk process unit:** where the students were informed of pasteurized milk production Process.
- Finally students and staff met the Management team also to know information related to management strategies and Managerial aptitude.



Students along with staff taking managerial information from the Milk factory officials

29/12/2018

Visited 20 students and Four lecturers on 29/12/2018 to this Krishna District milk producers milk chilling factory at chitbinaga vijayawada.

Security & Vigilance Officer
K.D.M.P.M.A.C.U.LTD.
M.P.F. VIJAYAWADA

Guide
Jaya lakshmi
(Documentation)

Students visited

S.No	Name	Class	Signature
1	N. Dhanalakshmi	I BBA	N. Dhanalakshmi
2	T. Sruthi	I BBA	T. Sruthi
3	G. Satya Anantha Lakshmi	III BBA	G. Satya
4.	V. Divya Sri	II BBA	V. Divya
5.	Ch. Naga gouri	II BBA	Ch. Naga g
.	P. Lavanya	II BBA	P. Lavanya
7.	K. Keerthi Paul	III BBA	K. Keerthi
8.	B. Prudhvi naga sai	III BBA	B. Prudhvi
9.	S. Arun	III BBA	Arun
0.	K. karthik	II BBA	K. karthik
1	K. Uday Kiran	I BBA	K. Uday
2	P. Aparthya	I BBA	P. Ap
3	G. Ansar	II BBA	
4	K. kalyan kumar	II BBA	
5	Y. Abhishek	I BBA	
6	N. PRAVEEN	I BBA	

THE KRISHNA DISTRICT MILK PRODUCERS MUTUALLY AIDED CO.OPERATIVE UNION LIMITED
MILK PRODUCTS FACTORY :: VIJAYAWADA

Letter. Roc. No. 830/Admn./A-9/2010. Date: 27-12-2018

To,
The Principal,
S.R.R & C.V.R. Govt. Degree College,
Machavaram,
Vijayawada – 520004.
Krishna (Dt).

Sir,

Sub: - K.D.M.P.M.A.C.U. Ltd- Milk Products Factory, Vijayawada
Industrial visit S.R.R & C.V.R. govt. Degree College,
BBA Students - Permission- Accorded – Regarding.

Ref: - Your Letter No. Nil, dated: 07.12.2018.

...::000::...

In reply to your letter cited, it is hereby permitted to Industrial visit of S.R.R & C.V.R. Govt. Degree College, Vijayawada, BBA Students of 50 members along with two faculty members to our Milk Products Factory, Vijayawada **to visit on 29-12-2018 (Saturday)** at **11.00 A.M.**

Further you are requested to fill-up the enclosed form and the same is to handover at security main gate, MPF, Vijayawada at the time of visit.

The Security & Vigilance Officer, MPF, Vijayawada is instructed to collect the filled forms at the time of students visit and submit the same to this office for further course of action.

Yours faithfully
Sd/-
Managing Director

Copy to the Production Manager, MPF, Vijayawada.
Copy to the Deputy General Manager (Plant), MPF, Vijayawada.
Copy to the Security & Vigilance Officer, MPF, VJA, for information and necessary action.
Copy to stock file.

//True Copy//

PERSONNEL OFFICER

Security & Vigilance Officer
K.D.M.P.M.A.C.U. Ltd.
M. P. F. VIJAYAWADA

SRR & CVR GOVERNMENT DEGREE COLLEGE (A) – VIJAYAWADA, KRISHNA . DIST

A REPORT ON

FIELD VISIT

TO

Association of Lady Entrepreneurs of India (ALEP)- Vijayawada.

ON

27-03-2019

Participants

Faculty of Commerce:
Smt. Razia Sulthana
Students of BBA

Organised by :

Department of Commerce & Management
SRR & CVR Government Degree College (A)
Vijayawada, Krishna Dist.
Andhra pradesh

Educational Field Trips make the student more diligent, increase their knowledge, facilitates the learning process, and provides a special experience for students that cannot be found in books. Besides that, teachers use this to apply moral values among the students

Keeping this in view, The Department of Commerce & Management of SRR & CVR Government Degree College arranged a Field visit to B.Com & BBA students on 27th March 2019 to ALEP(Association of Lady Entrepreneurs of India) where they got some fine knowledge of workings and management of Women entrepreneurship. They understood the working pattern of ALEP, their management, and their marketing strategies and also know how to empower women in self-employment and entrepreneurship.

About ALEAP: ALEAP India was the dream of women entrepreneurs, who wanted to train, guide, support, and enhance the lives of other women. The Association of Lady Entrepreneurs of India (ALEAP) was established with an aim to bring Women Entrepreneurs trying to help each other on a common platform.

The association was established in December 1993 under section 25 of the company's act 1956 as a non-profit Organisation. Today it holds the recognition of being one of India's premier institutions for women entrepreneurship.

Vision: To become a centre of excellence for the development of women's entrepreneurship. To foster women's entrepreneurship with a focus on innovative creativity, financial sustainability and social impact.

Mission: The Mission of ALEAP mission is to leverage Women's entrepreneurship development in India for achieving their economic growth as well as of the Country. To be the empowering agent to facilitate the development of dynamic women entrepreneurs by strengthening their entrepreneurial capacities, and supporting growth of MSMEs in the formal and informal sectors.



Team of women Entrepreneurs in the ALEAP

SUMMARY OF VISIT:

Visiting the ALEAP as a part of Industrial visit is a very exciting experience . This visit is meant for only BBA students asw a good practical orientaion on entrepreneurial Development and administration oriented. In the initial stage of the visit the students were led by Mrs. Jaya Laksmi the documentationist of the ALEAP Acts as a facilitator and provide valuble information regarding the objective of the ALEAP -HUB , and the training facilities provided by it to the enthusiastic women entrepreneurs, she also explained about its operations and networking .

After having a birds Eye view of different segments of the ALEAP ,Such as food manufacturing unit ,Where different food items preparation is continued , Kisan Bio formulation , in this unit the bio products which are needed to farmers fields are produced, rice milling and Oil refinery etc.However the prime focus is intended on Book printing unit. Where the students allowed to carefully observe the Manufacturing process of book binding and printing of various meterials like Atlas , School books etc. The students are also observed and learn the process of Slate manufacturing activity. The entire process of the book unit was guided by the two supervisers of the book unit

This trip enables the students to explore various skills required for an entreprse and various production units that are involved in a manufacturing units. They have also learn about the Managerial skills and marketing strategies of a women enterprises in the competitive markes and market forms.



Just before step in ALEAP..



BBA students and Staff with Supervisers and facilitators of the Book unit



AT the book printing unit

2019

A field visit to ALCAP Industrial Estate, Seerampalli on 27th March, 2019

Department of Commerce & Business Administration organized a field visit to ALCAP Industrial Estate, Seerampalli on 27th March 2019 for II & IV semester BBA students. ALCAP stands for Association of Lady Entrepreneurs of India is the first women entrepreneurs industrial estate in India. ALCAP has developed another multiproduct Industrial Cluster for women entrepreneurs with thrust in food processing at Seerampalli, Vijayawada. More than 70 Industries running & create Employement for 4000 local people.

All the students & some of the staff members visited ALCAP & got to know the functioning of various food processing & painting Industries. Students felt that the field visit & Extremely informative & motivating

	Name	class	Signature
1	V. Divya Sri	I BBA	V. Divya Sri
2	P. Lavanya	II BBA	P. Lavanya
3	N. Dhana Lakshmi	IBBA	N. Dhana Laksh
4	T. Shruthi	"	T. Shruthi
5	BNVS. Bhargavi	"	BNVS. Bharga
6	Ch. Naga Gowri	II BBA	Ch. Naga Gow
7	Y. Ablishiek.	IBBA	Y. Ablishiek
8	P. Adithya	IBBA.	P. Adithya

(9)	Lahareesh	1st B.B.A	Lahareesh.
(10)	Uday Kiran	1st B.B.A	Uday Kiran
(11)	Krishnaraju.	1st B.B.A.	Krishnaraju
(12)	S. Surendra Kumar	I B.B.A	Suresh Kumar
(13)	Vijay Kumar	I BBA	Vijay Kum
(14)	Lava Kumar	I BBA	Lavakumar
(15)	Venkatesh.	I BBA	Venkatesh.
(16)	Answar Basha	II BBA	Anwar
(17)	K. Karthik	II BBA	Karthik
(18)	K. Kalyan	II BBA	Kalayan.

B. Partha.

Razia Sultana

Verified

1. 6/11/2019 Convener

CH. LAKSHMAN DAS

2. G. Haroon

3. 6/11/2019 Member

K. Naveen.

SRR & CVR GOVERNMENT DEGREE COLLEGE (A)
VIJAYAWADA, KRISHNA DIST.

A REPORT ON
INDUSTRIAL VISIT

To
Indiraa Foods Ulavacharu, Vijayawada

Date & Time :
04- 12-2018 from 10.00 am to 2.pm

Participants :
Sri.S.N.Subhani, Incharge
Faculty of Commerce:
Sri. B.S.N. Rao,
Sri. M.Srinivasa Rao
Sri. P. Murali
Smt. B. Prathima
Sri.M.S.Sharma
Students of B.COM

Organised by :
Department of Commerce & Management
SRR & CVR Government Degree College (A)
Vijayawada, Krishna Dist.
Andhra Pradesh

INTRODUCTION:

Educational Field Trips make the student more diligent, increase their knowledge, facilitates the learning process, and provides a special experience for students that cannot be found in books. Besides that, teachers use this to apply moral values to the students.

Keeping this in view, The Department of Commerce & Management of SRR & CVR Government Degree College arranged an Industrial visit to B.Com students on 4th December 2018 to Indiraa Foods Ulavacharu Factory, where they got some fine knowledge of the workings and management of a factory. They understood the working pattern of the factory, their management, and their marketing strategies.

ABOUT INDIRAA FOODS ULAVACHARU:

Ulavacharu recipe is a super healthy authentic Andhra recipe where we cook horse gram which contains the highest protein in a fluid and semi-fluid form.

"INDIRAA FOOD'S" is committed to providing one of the best recipes of South India. Over past the 25 years. Indira foods have been providing tasty and traditional Ulavacharu (ఉలవచారు) all over Andhra Pradesh. Telangana. Karnataka. Tamil Nadu. and abroad too. We are the leading providers of Ulavacharu (ఉలవచారు) for Individuals, Retailers, Marriages and Functions.

Indiraa Foods was started from humble beginnings in rural Andhra Pradesh by Mandava Venkataratnam Garu. Over the last 25 years, he has perfected the art of making Ulava Charu and in fact, invented (also patented) the jacketed vessels needed to brew the highest quality product. But Indiraa Foods never forgot its commitment to honesty, integrity, and quality. That is why they have earned an enviable distinction of being one of the most famous manufacturers of tasty and hygienic Ulavacharu.

In fact “brown soup” as Ulavacharu is known in cities had changed the fortunes of Mr. Ratnam. Once this recipe, made from horse grams, was confined mainly to the farming community, but it is now satisfying taste buds beyond boundaries courtesy of Mr. Ratnam.

It became a celebrated dish in functions in AP and Telangana State and in Tamil Nadu and Karnataka where Telugus reside. It has also reached the United States and other Western countries.

Interestingly, its popularity has grown through mouth-to-mouth publicity. A number of celebrities have also appreciated this pure Telugu dish including former US President Bill Clinton when he tasted it during TANA meetings

SUMMARY OF VISIT:

We arrived at Indiraa Foods Ulavacharu factory at 10:00 AM. After that, we gathered at the front gate. Mr. Mandava Venkataratnam Garu personally guided the team and explain the process of preparation of ulavacharu right from the first step of purchasing the qualitative grains to the last step of packing ulavacharu . He also gives the business tips, ethics of business, and strategies that are needed for the success of any business. He also shared his experiences as the founder of the Factory, where the students visited manufacturing as well as packing and dispatching functions of Indiraa Foods Ulavacharu Unit where students were getting knowledge about processing system. The process of ulavacharu making is as follows

- The entire process of ulavacharu making takes nearly 12 hours. By taking 1200 litters of water finally 50 lifters of the pure essence of ulavacharu comes out
- In the first step of ulavacharu making the employees first check the quality of the horses grains and pour them into a De- stoner machine that will separate stone and mud particles from the hores grains. Then they are cleaned with fresh water.
- The 2 nd stage of the process takes 4hours to extract the water from of ulavacharufinal form of ulavacharu. In this stage, a single fire boiler is connected with a number of vessels for cooking. Here the cleaned hores grains will be poured into specially made vessels that contain hot water in them. the vassal which is mentioned here as a specially designed and sanctioned patent right for its making by the founder of the factory. He also mentioned about pure RO water is used in the making of ulavacharu. This practice is a unique feature adopted by the manufacturer.
- The stage is a lengthy and time taking process that goes up to 6 to 8 hours. In this stage, the water will be separated from the horse grams and several ingredients such as onions, tamarind chili powder, and salt will be added simultaneously and boiled till the end of getting up to the collection of the final recipe. From here packed the product to send to sales outlets.



A group photo with the founder of Indira Foods Ulavacharu



Entrance of the Factory



At Fire Boiler



At processing unit

14 DEC 2018

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A Field Trip To Indira Foods Vlava Charu, Gunadala, Vijayawada on 11 Dec 2018

Department of Commerce & Business Administration organised a field Trip to Indira Foods Vlava Charu factory on DEC 2018 for II III IV semester Students of BBA, & B.Com. over the 25 years they have been providing Tasty and traditional vlavacharu all over Andhra pradesh, Telangana, Karnataka, Tamil Nadu and abroad too. Indira foods, started from humble beginings in rural Andra pradesh by Nandava venkateswarlu Garu. Indiraa foods are FSSAI certified. And This Industry providing employement opportunities to many people.

All MBA & BBA students who are visited these factory getting more vlavacharu Industrial experience, and also know the knowledge about the vlavacharu

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S.No	Student Name	class	Signature
1.	P. Adi Lakshmi	III B.com (CA) - A	P. Adi Lakshmi
2.	T. Ramu Naik	"	T. Ramu Naik
3.	Lavanya Lakshmi Sree	"	B. Lavanya L.S.
4.	Shaik Subhani	"	Sk. Subhani
5.	P. Ramya	"	P. Ramya
6.	D. Siva Nagalkiran	"	D. Siva Nagalkiran
7.	P. Kusuma Priya	"	P Kusuma priya
8.	K. Anitha	"	K. Anitha.
9.	P. Sai Manoj	"	P. Saimanoj
10.	Y. Hima Bindhu	"	Y. Hima Bindu
11.	T. Lokesh Reddy	"	T. Lokesh Reddy.
12.	B. Ganesh	"	B. Ganesh
13.	K. Janardhana Rao	"	K. Janardhana Rao
14.	K. Suresh	"	~~G. Srinivasa Suresh~~
15.	G. Srinu	"	G. Srinu
16.	D. Mahesh.	"	D. Mahesh
17.	L. Venkatesh	"	Venkatesh
18.	D. Yaswanth paul	"	D. Yaswanth paul.
19.	U. Sravani Lakshmi	"	U. Sravani
20.	Mohammed Hassena	"	MD. Hassena
21.	P. Durga Bhavani	"	P. Durga Bhavani
22.	L. Ajay krishna.	"	L. Ajay Krishna
23.	K. Jagadish.	"	Jagadish
24.	P. Leela Ratna mani	"	P. Leela Ratna Mani
25.	Shaik Baji	"	SK. baji
26.	K. Srinivasa Rao	"	K. Srinivas Rao
27.	K Ammar Sai Raju.	"	K. Amar Sai Raju
28.	K. Hema Bhargavi	"	K. Hema Bhargavi
29.	V. Kishore Babu.	"	V. Kishore
30.	Y. Sumanth.	"	Y. Sumanth

S.NO	Student	Class	Signature
31.	V. Sruthi	III B.com(CA)-A	V. Sruthi
32.	K. Raghunadh	"	K. Raghunadh
33.	R. Lokesh	"	R. Lokesh
34.	G. Divya	"	G. Divya
35.	M. Naga Haritha.	"	M. Naga Haritha.
36.	U. Samuel	"	U. Samuel
37.	Shaik Mahaboobay Subhani	"	Skm. Subhani
38.	K. Sankar.	"	K. Sankar
39.	S. Nani	"	S. Nani
40.	D. Hari Leela.	"	D. HariLeela
41.	R. Sirisha	"	R. Sirisha
42.	D. Kaushik.	"	D. Kaushik
43.	Shaik Aliyaz	"	D. Kaushik
44	D. Gauthami	"	D. Gauthami
45	Ch. Syam kumar	"	CH. SYAM kumAR
46	K. Suguna.	"	K. Suguna
47	A. Chandra sekhar	"	A. Chandr Shekar
48	S. Vyshnavi	"	S. Vyshnavi.
49	P. Prem kumar	"	P. Prem kumar
50	S. Thirupathamma	"	S. Thirupathamma.
51.	M. Anil kumar.	"	M. Anil
52	~~V. Sruthi~~		
52.	L. Rakesh	"	L. Rakesh
53.			

G. Kamal

M. Srinivas

B. S. N. Rao

P. V. N. Murthy

BRIEF REPORT ON SHAR, PULCAT LAKE & SRICITY (SEZ)
EDUCATIONAL TOUR

CONDUCTED BY

DEPT OF ECONOMICS
SRR & CVR GOVT. DEGREE COLLEGE, VIJAYAWADA
Date: 26-02-2019 to 27-02-2019





SUBMITTED

BY



N JOHN SUKUMAR
TOUR CONVENER
HOD, DEPT OF ECONOMICS
SRR & CVR GOVT. DEGREE COLLEGE (A), VIJAYAWADA

BRIEF REPORT ON SHAR, PULCAT LAKE & SRICITY (SEZ) EDUCATIONAL TOUR

Education Tour offers an opportunity for a rich immersion experience and tremendous way to facilitate learning. In educational tour, students have the chance to experience and explore much deeper level than they ever could in the class room. Therefore the Department of Economics, SRR & CVR Govt. Degree College, Vijayawada, Krishna district organized an educational tour to SHAR, Pulicat Lake and Sricity (SEZ) on 26th and 27th February, 2019. This was a great idea of Dr. Velaga Joshi, The principal of SRR & CVR Govt. Degree College, Vijayawada. This idea implemented by the staff members of Department of Economics. Thirty Eight students of which 11 were girls and 27 were boys from our department went for the tour accompanied by seven faculty members, Sri. N. John sukumar (HOD, Department of Economics) as a convener.

Pre planning and preparation: Success of every event is depends upon the strong planning and coordination. So we have given maximum time and used highest resources to plan educational tour for our students.



Selection of location: It is very important in the prospect of all the essential aspects as part of curriculum, education, inspirational and motivation. Keeping all factors in mind our faculty and students together decided to go to SHAR, Pulicat Lake and Sricity (SEZ).

Letter to higher officials of SHAR for Permission: After selecting the place we have drafted the letter to SHAR officials for granting permission to visit the national importance and highly secured placed. After one month we got the permission from the officials and the date was decided on 26th February 2019.

Train booking: After taking final nomination Sri. N John Sukumar and co booked train tickets with student concession from Vijayawada to Sullurpet in Andaman express and from Sullurpet to Vijayawada in Circar express.

Bus Booking in Sullurpet: We booked very comfortable bus of PNR travels for One day to see SHAR, Pulicat Lake and Sricity (SEZ) well in advance.

Accommodation Breakfast and Dinner: We have booked rooms in Railway retiring rooms well in advance. Breakfast and dinner is arranged by the tour convener. Lunch is arranged at Zero point, SHAR with concessional rates with the help of Sagar and other local Employees.

Objectives of the tour

The specific objectives of the tour are

1. **Real world experience:** Students practice their skills and critical thinking abilities outside of the controlled class rooms and he/she able to learn real world lessons.

2. **Socialization:** Taking students into a new environment give us the experience of travelling in a group teaches us to socialize and to be respectable of the places we visit.

3. **Reinforcement:** The tour can reinforce what a teacher has been instructing in class room about the subject and help students understand the topic better.

4. **Bonding:** students may be spend much of the trip day in small groups observing, chatting and learning about each other, and it will form a new bond among the students.

5. **Fun:** Students have fun and enjoyment with their friends and they also may return to the class room with a renewed focus with their college work.

Significance of the tour:

The educational tour provided valuable learning opportunities away from the class room without using the text books and other normal college setting. BY coming into direct contact with different environment student can better understand their place in the community and develop openness to differences in others.

Tour proceedings

26th February 2019: All the thirty seven students and Seven staff members presented in SRR & CVR Govt. Degree College, Vijayawada at 5:30PM. All the students gathered at Sri Viswanatha kala vedika and Dr. velaga Joshi garu gave them some instructions about the tour and each and every student is given the instructions paper prepared by tour management. We had a photo session with principal, staff and the students.



Then we have divided the students into seven groups. Each group is headed by one faculty member.

Then we went to Vijayawada Railway station at 10 PM by local autos and we got into the train at 1.00 AM on 26th AM.

Train started at exactly 01:10 AM. It's a few hours journey to reach Sullurpet railway station. It took 8 Hours to reach our destination. We reached Sullurpet on 26th Morning at 8:30 AM.

26th February 2019 (Tuesday):

All the students and staff members completed their morning activities and had their breakfast in the station itself. PNR bus came to rail station at 8:30 AM. We kept our luggage in the rooms and rush up to see SHAR and reached SHAR Main gate at 9:30 AM.

After several security checks and administrative formalities, Students were taken to a central building. In this place, they were shown a video – 'Gateway to Space' – on the ISRO, its history, and the current facilities available.

THE 'GATEWAY TO SPACE VIDEO'

The GSLV and PSLV are the two launch vehicles used currently by ISRO to launch satellites into the geosynchronous and polar orbits respectively. The GSLV has 3 stages – the first is a solid (fuel) stage, the second a liquid (fuel) stage and the third is a cryogenic stage. The satellites launched so far have applications such as National development/infrastructure, telecom, disaster warnings, resource management, etc



The PSLV can launch multiple satellites simultaneously at a low cost and high reliability. The various facilities at SDSC were listed and their functions are explained in brief. Weather prediction is another important factor at the time of launch, and the SHAR boasts of this facility too. The latest addition to the SDSC was the S200 propellant plant. The strap on motors, their dimensions and use were elucidated.

The countdown begins at (t-57) hours. At this time, the liquid propellants are filled into the system. At (t-16) hours, the mobile service car is withdrawn and the system is connected to the Launch and Mission control centre (which are placed 6km from the launch site) through electrical wires only. The cryogenic fuel is set around the launch site. The performance is monitored in real time. At about 17 minutes after blast off, the GSLV completes the mission – puts the satellite in geosynchronous orbit.

After this, students were taken to several locations within the SDSC, with a guide to explain the locations.

SECOND LAUNCH PAD

This is the location that we see every time a launch is broadcast on television. The rocket is assembled and brought to the launch pad. The rocket is electrically insulated from lightning by 4 lightning protection towers. These towers also house high resolution cameras at several levels to monitor the various stages of the rocket. These cameras are protected by concrete enclosures. The launch pad itself is about 70m high. This means that the protection towers are even taller. An anchor is present to hold the rocket in place until the time of blast off.

Separate pipes are present to deliver cryogenic fuels, which are supplied at 180 degrees Celsius. Finally, there are exhaust deflection ducts which deflect the exhaust gases through underground tunnels to a place which is a few tens of metres away. In case the flame returns to the rocket, balance will be lost and the rocket may topple. The tunnels are filled with water to reduce pressure and temperature. Also, cryogenic fuel tanks are available in separate towers. Each floor in the launch pad is 4m high. This launch pad is called 'umbilical' due to the presence of the pipes which feed fuel to the rocket.

FIRST LAUNCH PAD

Unlike the 'umbilical' type, this is a pedestal type. The whole tower moves away from the rocket just before the blast off. As there is a PSLV launch in the next month and that process was taking place at the time, entry was denied and we were allowed to see this from a distance.

MISSION CONTROL CENTRE

The mission control is the focal point of controlling the vehicle. There are 8 'hold buttons' at different places around the range. In case of abnormalities in subsystems (affecting the health of the rocket), the hold button is used to terminate the countdown. In case the abnormality has been resolved, the first row is used to supervise the control of the launch vehicle. The second and third rows control the operations on the vehicle. Various chiefs of operations are seated in these rows.These computers are connected by Ethernet and fibre optics.

There is a separate ring safety server which is controlled by a senior scientist. In case of abnormalities in the path of the rocket, this person can detonate the rocket so that the rocket is blown up over the sea and does not affect neighboring human population. There are 45 levels of information relating to the launch of the rocket. The vehicle Director authorises the launch at (t16) minutes. An automatic sequence program checks the health of the rocket (with respect to various parameters) and ensures that any deviations in the parameters are within specific limits.

Pulcat Lake

At around 2.15. P.M., we had lunch at Zero point canteen facility at SHAR with concessional rates. After having our Lunch, at around 2.30 P.M we moved to see Pulicat Lake and we have spent 1 hour there. Students were much disappointed because of the present condition of Pulicat lake which is a second largest salt lake in India with a rich heritage of 125 types of rare species and thousand of fishermen's lively hood is in danger and looks like desert and no water is presented in the lake,

Sricity (SEZ): Around 3:30 We moved from Pulicat lake and reached Sricity a Special Economic Zone in Andhra Pradesh. This is the place where our students get enriched with the knowledge that how this Economic zone is planned and the facilities that was given to the multinational companies. Nearly 175 Multinational Companies are functioned here.



Returned to Railway Station: After visiting SEZ we came back to Sullurpet Railway station at 6:3Pm and we got in to the train at7:30Pm and finished our dinner in train itself. We reached Vijayawada on 27th February at 4 AM.

Recommendations

1. It is better to arrange two days of tour to visit this place One day is not sufficient.

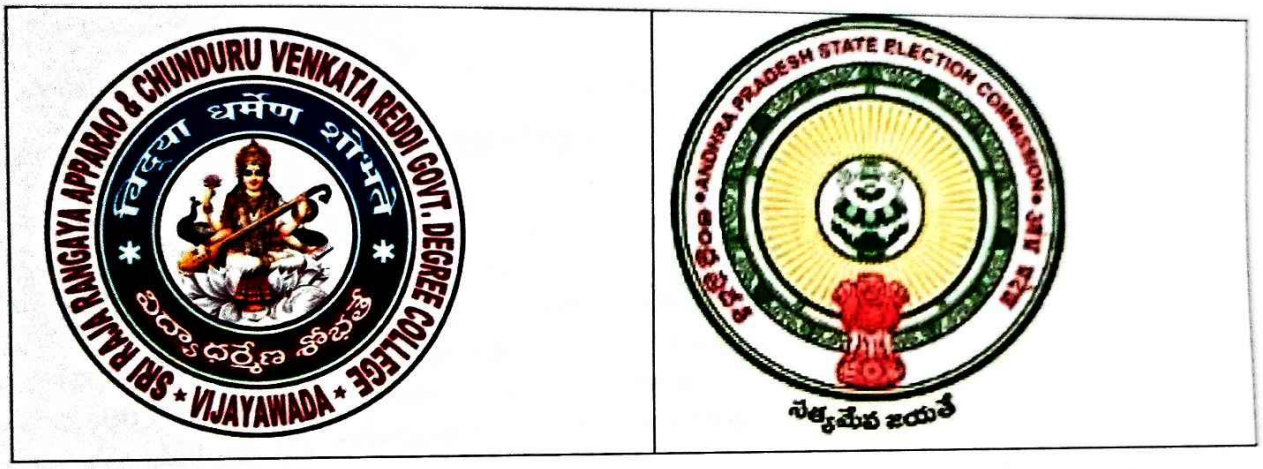
Feedback from the students: Students were very satisfied with the places selected by the department. Students loved the journey to SHAR. They were amazing in watching the places in SHAR. They were very impressed regarding the facilities provided to the companies in Sricy.

This was the learning as well as fun oriented trip for all students. Various inner hidden skills like leadership, creativity, singing, music etc., came out during this trip. It was unforgettable experience for all of them. They have requested to go for similar educational tour on regular basis and had shown their sincere gratitude towards Principal Dr. Velaga Joshi Garu, Sagar local guide, Elisha, Raman and Suresh helped us a lot in the tour.

SRR AND CVR GOVERNMENT DEGREE COLLEGE(A), VIJAYAWADA

KRISHNA DISTRICT, A.P

DEPARTMENT OF ENGLISH



DEPARTMENT OF ENGLISH

FIELD TRIP : 2018-2019

DATE: 08-11-2018

05-11-2018

Vijayawada.

To

The Principal,

SRR & CVR GOVT DEGREE COLLEGE,

Vijayawada.

From

3rd B.A (EPJ) & MA English Literature,

Department of Enlgish.

Respected Sir,

Subject: A Request for the field trip regarding.

We, the students of B.A 3rd year (EPJ) & MA English Literature from the Department of English, have planned a field trip on 8th Nov, 2018 under supervision of our English lecturers. We submit the following for your kind consideration.

M.A students

1) D Madhuri D. Madhuri
2) Ch. Mouinika Ch. Mouinika.
3) K. Prabhu Prakash K. Prabhu Prakash.
4) N. Bala Raju N. Bala
5) T. Prem Kumar T. Prem Kumar
6) G. Prem Kumar G. Prem Kumar

B.A Students (EPJ)

1) M. Gowtham Swarup M. Gowtham
2) M. Kumar M. Kumar
3) P. Naveen P. Naveen.
4) S. Suman Raju S. Suman Raju
5) M. Samuel M. Samuel
6) D. Vamsi
7) A. Ramanjaneyulu
8) L. Sasi Kumar
9) N. Charan
10) T. Tejaswi K. Tejaswi.
11) K. Jyothi

Thanking you sir,

K.L.C. Devi

DEPARTMENT OF ENGLISH
S.R.R. & C.V.R. GOVT. DEGREE COLLEGE (A)
Machavaram, VIJAYAWADA-4. A.P.

Yours faithfully,

3rd BA (EPJ) & MA English Literature Students.

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomus)
Machavaram, VIJAYAWADA - 520 004.

Vijayawada,
Date: 5 - 11 - 2018.

To
The Principal
S R R & C V R Government Degree College (Autonomous)
Machavaram, Vijayawada
Krishna District, A. P.

From
K. L. C. Devi
In- Charge, Department of English
S R R & C V R Government Degree College (Autonomous)
Machavaram, Vijayawada
Krishna District, A. P.

Respected Sir,

Sub: A Request for Field Trip - Regarding.

Sir, we submit the following for your kind consideration. As the Students of 3 rd B. A. (EPJ) and M. A. (English) have requested for permission to have a Field Trip on 8-11-2018 (Thursday), from 10 AM to 4 PM, to Mango Orchard near Gannavaram. As such, we planned accordingly. We request you to sanction your permission for the same. We take care of discipline and security of the Students.

1. Dr. G. Thirupatiah.
2. Smt. D. Rajya Lakshmi.
2. Smt. A. Subhashini.
4. Smt. J. Ratna Vinola.
5. Smt. V. Aruna Kumari.
6. Smt. D. Samatha.
7. Sri Kumar Raja.
8. Sri Stephen.

This is for your kind consideration Sir.

Thanking you Sir,

K. L. C. Devi

K. L. C. Devi, In- Charge, Dept of English)

Principal

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLE
(Autonomous)
Machavaram, VIJAYAWADA - 520 0

SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)
Machavaram, VIJAYAWADA - 520 004.

Vijayawada,
Date: 5 - 11 - 2018.

To	From
Smt. K. L. C. Devi In- Charge, Department of English S R R & C V R Government Degree College (Autonomous) Machavaram, Vijayawada Krishna District, A. P.	The Students of 3rd B. A. (E P J) and M.A. (English) Department of English S R R & C V R Government Degree College (Autonomous) Machavaram, Vijayawada Krishna District, A. P.

Respected Madam,

Sub: A Request for Field Trip - Regarding.

Madam, we submit the following for your kind consideration. We, the Students of 3 rd B. A. (EPJ) and M. A. (English) request you to kindly grant permission to have a Field Trip on 8-11-2018 (Thursday), from 10 AM to 4 PM, to Mango Orchard near Gannavaram. As such, we request the Lecturers of English Dept. to accompany us for safety and security. We assure you that we maintain discipline, decency and well behaved conduct during this Field Trip. We abide by the instructions of all the Lecturers.

Students of 3 rd B. A. (EPJ)			Students of M. A. (English)		
SNo	Name of the Student	Signature	SNo	Name of the Student	Signature
1	M. Samuel	Samuel	1	G. PREM KUMAR	G.Premkumar
2	K. Tejaswi	Tejaswi	2	D. Madhuri	D.madhuri
3	M. Kumar	Kumar	3	Ch Manimala	Ch.manimala
4	P. Naveen	Naveen	4	N. Bala Raju	N.Balaraju
5	S. Suman Raju	S. Suman Raju	5	K. Prabhupanakar	K.Prabhupanakar
6	M. Gautham	Gautham	6	M. Gautham	Gautham
7			7		
8			8		
9			9		
10			10		
11					
12					
13					
14					
15					

Thanking you Madam,
The Students of 3rd B. A. (E P J) and M.A. (English)
Department of English

S.R.R AND C.V.R GOVERNMENT DEGREE COLLEGE(A), VIJAYAWADA

DEPARTMENT OF ENGLISH

FIELD TRIP: NATURE VISIT TO GANNAVARAM MANGO ORCHIDS

DATE: 08-11-2018

OBJECTIVES OF FIELD TRIP: NATURE VISIT TO GANNAVARAM MANGO ORCHIDS

1.To encourage the students to understand the importance of Nature in connection with human life and therefore to appreciate through Literature.

2.To encourage the students to appreciate Nature poetry, Nature poets and develop aesthetic sense in the appreciation of Literature.

3.To motivate the students to read literature and develop aptitude towards Nature as a theme of Literature.

4.To enable the students to practice all genres of literature to develop their hobbies in language skills and the skills of literature such as writing.

5.To enable the students to review the previous knowledge of Nature Poetry so as to follow in their practice.

OUTCOMES OF FIELD TRIP: NATURE VISIT TO GANNAVARAM MANGO ORCHIDS

1.The students understand the importance of Nature in connection with human life to appreciate through Literature, such as poetry, prose, drama, novel etc..

2.The students appreciate Nature poetry and Nature poets such as William Wordsworth, S.T.Coleridge and others. The students develop aesthetic sense in the appreciation of Literature.

3.The students extensively read literature and develop aptitude towards Nature as a theme of Literature.

4.The students practice all genres of literature to develop their hobbies in language skills and the skills of literature such as writing.

5.The students to review the previous knowledge of Nature Poetry so as to follow in their practice.

*****

S.R.R AND C.V.R GOVERNMENT DEGREE COLLEGE(A), VIJAYAWADA

DEPARTMENT OF ENGLISH

FIELD TRIP: NATURE VISIT TO GANNAVARAM MANGO ORCHIDS

DATE: 08-11-2018

Field Trip to visit Nature is a good opportunity for students to understand the importance of Nature in connection with human life. The students therefore appreciate Nature through their study of Literature.

The students by their Field Trip to visit Nature appreciate Nature poetry, Nature poets and develop aesthetic sense and greatly appreciate Literature Studies.

The department of English arranged a field trip to Gannavaram Mango Orchids on 8th November 2018 and motivated the students of UG and PG, General English and Special English to read Literature and develop aptitude towards Nature as a theme of Literature.

So that the students practice all genres of literature in their studies to develop their hobbies in language skills and in the skills of literature such as reading, writing etc...

Also the students get enabled to review the previous knowledge of Nature Poetry so as to follow in their practice.

The students were motivated by the lecturers to understand the importance of Nature in connection with human life to appreciate through Literature, such as poetry, prose, drama, novel etc..

The students appreciated Nature poetry and Nature poets such as William Wordsworth, John Keats, P. B. Shelley, S.T.Coleridge and others. The students developed aesthetic sense in the appreciation of Literature.

The students learnt that they have to extensively read literature and develop aptitude towards Nature as a theme of Literature.

The students also were happy that they could practice all genres of literature to develop their hobbies in language skills and the skills of literature such as writing.

The students also reviewed the previous knowledge of Nature Poetry so as to follow in their future practice.

Literature Discussed during the Field Visit:

1.The Solitary Reaper by William Wordsworth

2. Daffodils by William Wordsworth

3. Ode to West Wind by P.B. Shelley

4. Ode to a Nightingale by John Keats

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SRR AND CVR GOVERNMENT DEGREE COLLEGE(A), VIJAYAWADA

KRISHNA DISTRICT, A.P

DEPARTMENT OF ENGLISH

DEPARTMENT OF ENGLISH

: 2018-2019

DATE: 08-12-2018

Field Trip to Historical city

Warangal

S R R & C V R GOVT DEGREE COLLEGE (A), Dept of English

FIELD TRIP to the Historica City Warangal (Telangana)

Date : 08-12-2018

Purpose : creative writing Descriptions, Narrations, Poetry writing etc...
Study of Literary Ages

Staff Attended :

1 Mrs K.L.C DEVI
2 Mrs A ROSALINDA
3 Dr G. THIRUPATIAH
4 Mrs A SUBHASHINI
5 Mrs V. ARUNA KUMARI
6 Mrs D RAJYALAKSHMI
7 Mrs. D. SAMATHA
8 Mr. R. KUMAR RAJA

	Students Attended	Sig	CLASS
1.	RAMAJANEYULU	Ramayulu	III B A EP
2.	TRIVENI KUMAR	Triveni Kumar	III B A EP
3	DURGARAO	Durgarao	I MA Eng
4	VEERA LAKSHMI	Veera Lakshmi	III B A EP
5	MOUNIKA	Mounika	III B A EP
6.	TENALI PREM KUMAR	T. Prem Kumar.	III B A EP
7	GUNTUR PREM KUMAR	Ch. Prem Kumar	I MA Eng
8.	NAVEEN	Naveen	III B A EP
9.	MADHURI	Madhuri	II MA Eng

S.R.R AND C.V.R GOVERNMENT DEGREE COLLEGE(A),
VIJAYAWADA DEPARTMENT OF ENGLISH

FIELD TRIP: HISTORICAL VISIT TOWARANGAL

DATE: 8-12-2018

OBJECTIVES OF FIELD TRIP: HISTORICAL VISIT TO WARANGAL

1.To encourage the students to understand the importance of historical places like Warangal Fort and therefore to appreciate through Literature.

2.To experience, visualize and encourage partaking of students in an enjoyable learning experience

3.To motivate the students to read literature and develop aptitude towards history and architecture of Warangal Fort as a theme of Literature.

4.To enable the students to practice all genres of literature to develop their hobbies in language skills and the skills of literature such as writing poems, essays, reports on Warangal Fort.

5.To enable the students to add more value to their aesthetic sense by exposing to different environment.

OUTCOMES OF FIELD TRIP: HISTORICAL VISIT TO WARANGAL

1.The students understand the importance of history of Kakatiya dynasty and the monuments left by themand appreciate through Literature, such as poetry, prose, drama, novel etc..

2.The students appreciate historical poetry and historical poems writers such as P,B,Shelley, John Keats, Thomas Hardy etc. The students develop aesthetic sense in the appreciation of Literature.

3.The students extensively read literature and develop aptitude towards history as a theme of Literature.

4.The students practice all genres of literature to develop their hobbies in language skills and the skills of literature such as writing.

5.The students to review the previous knowledge of historical Poetry so as to follow in their practice.

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S.R.R AND C.V.R GOVERNMENT DEGREE COLLEGE(A), VIJAYAWADA

DEPARTMENT OF ENGLISH

FIELD TRIP: Historical Visit to Warangal on 8-12-2018

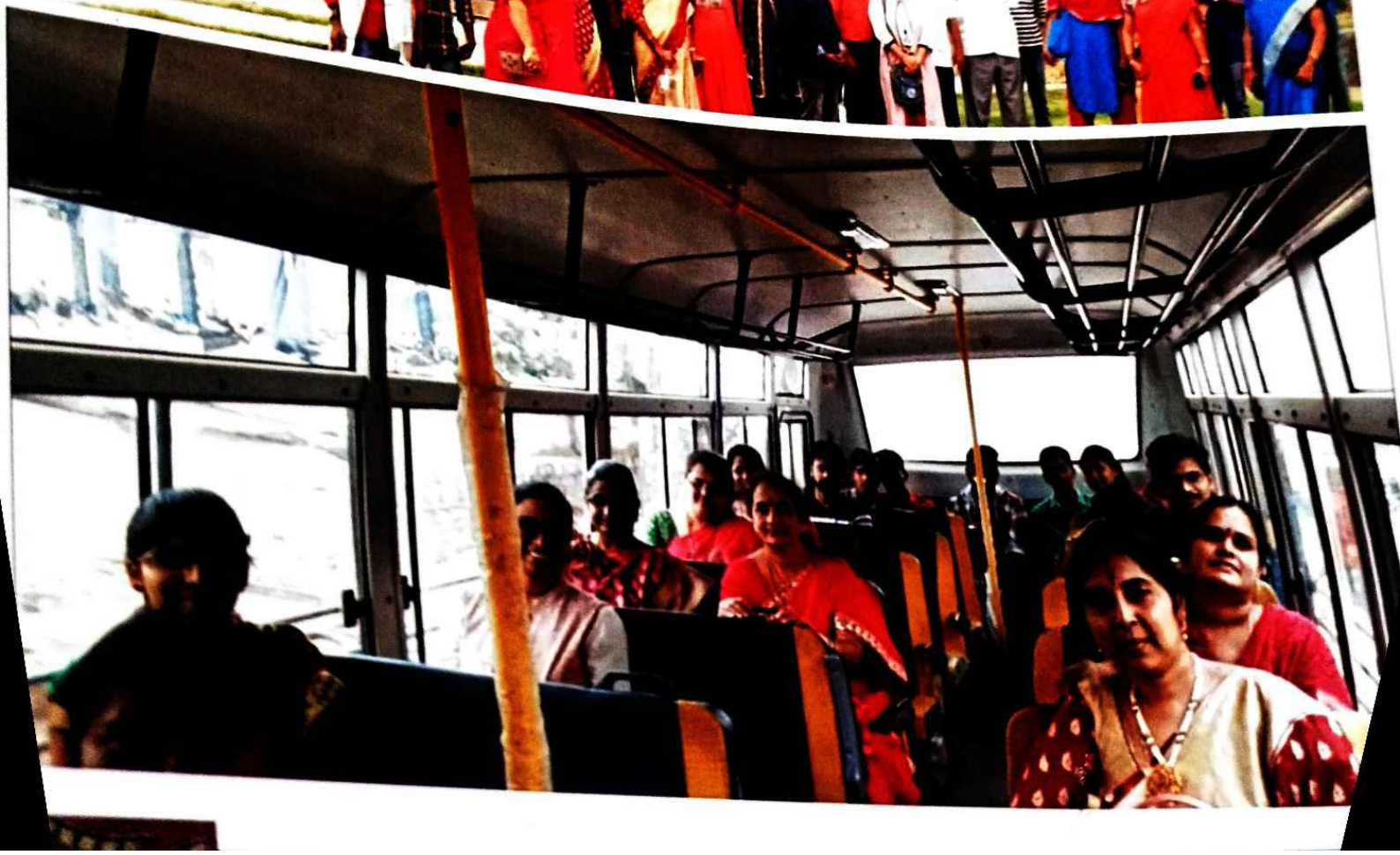
The Department of English took the students of III B.A Special English to FieldTrip on 8-12-2018 to Warangal. The mode of Journey is by train where all the students started at 6'0 clock and reached Warangal at 10'0 clock. The places visited are Warangal Fort of Kakatiya dynasty, Ramappa Temple, Thousand pillar temple etc. The total number of students are 30. K.L.C.Devi, H.O.D of English Department, the lecturers A.Rosalind, A.Subhashini, D.Rajya Lakshmi, Tirupathaiah, Aruna, D,Samatha and Stephen accompanied the students. The students have actively participated in the Field trip. The students learnt that they have to extensively read literature and develop aptitude towards History as a theme of Literature.The students also were happy that they could practice all genres of literature to develop their hobbies in language skills and the skills of literature such as writing. The students also reviewed the previous knowledge of Historical Poetry so as to follow in their future practice.

Literature Discussed during the Field Visit:

1. Ozymandias by P.B.Shelley
2. Ode on Grecian Urn
3. Yesterday is History by Emily Dickenson
4. A Spell bound Palace by Thomas Hardy.







FIELD VISIT TO KONDAPALLI FORT

Date: 25-2-2019

Number of students participated:23

Class:III BA

Purpost: As a part of Cluster Project

Outcome of the Program: Students studied the history of the fort. They enjoyed the trip and appreciated the grandeur of the place.



M Susheela Rao Head of the department along with the III BA Students

FIELD VISIT

KONDAPALLI FORT

SRR&CVR GOVERNMENT DEGREE COLLEGE(A)

DEPARTMENT OF HISTORY

DATE: 25-2-2019

PARTICIPATED CLASSESS: BA III

FIELD VISIT TO KONDAPALLI FORT

Date: 25-2-2019

Number of students participated:23

Class:III BA

Purpose: As a part of Cluster Project

Significance of the Fort: Kondapalli Fort, also locally known as Kondapalli Kota, lies to the west of Kondapalli in Vijayawada the second largest city of Andhra Pradesh, India of NTR District. . This historical fort also known as Kondapalli Quilla was built by Prolaya Vema Reddy of the Reddi Kingdom during the 14th century CE. It was initially built as a leisure place and business center and later served as a military training base for the British rulers. According to some other historians it was built in 1360 CE by Anna Vema Reddy after he captured Kondapalli from Mudigonda Chalukyas, the fort has been home to several dynasties, from the Reddi rulers to the Nizam Nawabs, and then the East India Company.

The Archeological Department of Andhra Pradesh has undertaken restoration and renovation works of the fort and the structures located within its precincts. The works cover improving link road to the fort from the National Highway, strengthening and restoring of historical walls, restoration of Jail Khana (prison house), Koneru pond and Museum, building a ropeway up to the hill, construction of inner roads, providing basic amenities such as three-phase power supply, drinking water and toilets, landscaping and setting up food courts. The museum contains relics found at that place along with a display of Kondapalli Toys and a lot of Historical references.

Outcome of the Program: Students studied the history of the fort. They enjoyed the trip and appreciated the grandeur of the place.



M Susheela Rao Head of the department along with the III BA Students

S.R.R. & C.V.R. Government Degree College (A), Vijayawada.

Department of Mathematics

Field Trip to Book Exhibition on 09-01-2019

Report by Smt. K.V. Naga Lakshmi,
HOD of Mathematics.

Vijayawada,
Date: 05-01-2019

To,

The Principal,
S.R.R & C.V.R GOVT Degree College (A),
Vijayawada.

Respected Sir,

Sub:- Department of Mathematics, S.R.R & C.V.R Govt. Degree College (Autonomous) Vijayawada – **Field Trip - Permission to visit BOOKS EXHIBITION ON 09-01-2019** – Reg.

***

As per the curriculum, Department of Mathematics, S.R.R & C.V.R Govt. Degree College (Autonomous) Vijayawada willing to visit **BOOKS EXHIBITION ON 09-01-2019**.

In this regard I request you to permit Department of Mathematics to visit **BOOKS EXHIBITION ON 09-01-2019**.

Thanking you.

Yours faithfully,

(K.V.Naga Lakshmi) 5/1/2019.

Incharge of Mathematics Dept.

Incharge of the Dept. of Maths.
S.R.R. & C.V.R. Govt. Degree College
VIJAYAWADA.
Krishna (Dist.)

Department of Mathematics has attended field trip **Book Exhibition at P.W.D. Grounds, Vijayawada on 09-01-2019.**

Smt. K.V. Nagalakshmi, in charge of Mathematics, and Faculty of Mathematics Sri. M.L. Das, Sri. K.V. Rama Rao, S. Renuka and 30 students of U.G. Mathematics students attended field trip **Book Exhibition at P.W.D. Grounds, Vijayawada on 09-01-2019.** Students visited all the stalls and acquired Knowledge on Mathematics. It created interest among the students in Mathematics.



Students & Faculty of Mathematics starting from the Department of Mathematics



Students & Faculty of Mathematics at the Stall

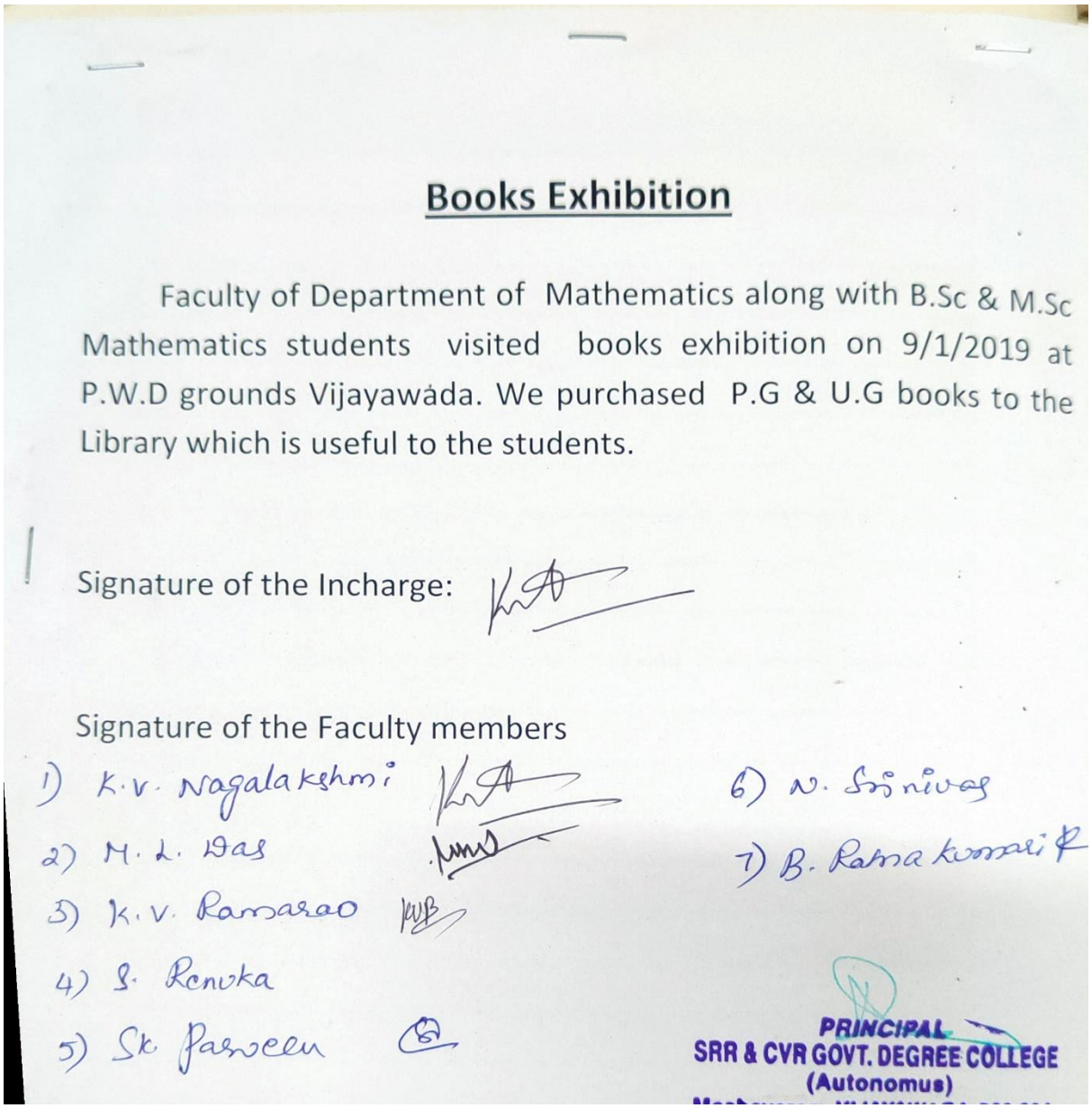


Books purchasing for the General Library

Programme Out Comes:

1) Students gained Knowledge with Book Exhibition by visiting all the stalls.
2) Books for Competitive Exams, Puzzles were verified by the students.
3) Vedhic Mathematics Books were referred which are useful for competitive Exams.

LIST OF FACULTY MEMBERS :



Books Exhibition

Faculty of Department of Mathematics along with B.Sc & M.Sc Mathematics students visited books exhibition on 9/1/2019 at P.W.D grounds Vijayawada. We purchased P.G & U.G books to the Library which is useful to the students.

Signature of the Incharge:

Signature of the Faculty members

1) K.V. Nagalakshmi
2) M.L. Das
3) K.V. Ramarao
4) S. Renuka
5) Sk. Parveen
6) N. Srinivas
7) B. Ramakumari

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomus)

LIST OF PARTICIPANTS :

S.no.	Name of the student	section	Signature
1	D. Narendra.	II Bsc	D. Narendra.
2	A. Vamsikrishna	II Bsc	A. Vamsikrishna
3	K. Jhansi	II msc maths	K. Jhansi
4	G. Suribabu	III B.Sc (MSCS)	G. Suribabu
5	B. SRINU	III Bsc (MSCS)	B. Srinu
6	k. Padmavathi	III Bsc (MSCS)	k. Padmavathi
7	M. Aruna.	III BSC (MSCS)	M. Aruna
8	M. Madhavi Latha	III BSC (MSCS)	M. Madhavi Latha
9	ch. siva parvathi	III BSC (MSCS)	ch. siva parvathi
10	G. Jyothi	III Bsc (MSCS)	G. Jyothi
11	A. Mohan	III B.Sc (MSCS)	A. Mohan
12	A. Rama Krishna	III B.Sc (MSCS)	A. Rama krishna
13	Ch. Bhavani	III B.Sc (MSCS)	ch. Bhavani
14	G. Surendra	III B.Sc (MSCS)	G. Surendra
15	L. Suma Durga	III B.Sc (MSCS)	L. Suma Latha.

S.NO	Name of the Student	Section	Signature
16	G. Tarun Kumara	III B.Sc M.S.C.S	G. Tarun Kum
17	L. Sai Surya	III B.Sc MSCS	L. Sai Surya
18	M. Madhavi Latha	III B.Sc MSCS	M. Madhavi latha
19	M. Naga Lakshmi	III B.Sc MSCS	M. Naga lakshmi
20	N. H. V. Srinivasa Rao	III B.Sc MSCS	N.H.V. Srinivasa Rao
21	S. Rama Devi	III B.Sc MSCS	S. Rama Devi
22	Y. HASINA	III B.Sc MSCS	Y. HASINA
23	V. Naga Raju	III B.Sc MSCS	V. Naga Raju
24	T. Narasimha	III B.Sc MSCS	T. Narasimha
25	B. Ramesh	III B.Sc MPCS	B. Ramesh.
26	B. Bhavani	III B.Sc MPCS	B. Bhavani
27	B. Lokesh	III B.Sc MPCS	B. Lokesh
28	D. Venkata Lakshmi	III B.Sc MPCS	D. Venkata lakshmi
29	K.D. Reddy	III B.Sc MPCS	K.D. Reddy
30	K. K.V.V. Kavitha	III B.Sc MPCS	K.V.V Kavitha
31	K.D. Lakshmi	III B.Sc MPCS	K.D. Lakshmi

SRR & CVR GOVT. DEGREE COLLEGE (A) VIJAYAWADA

DEPARTMENT OF MICROBIOLOGY

2018-2019

Field/Laboratory Visit To



Hindustan Coca-Cola Beverages Pvt Ltd, Guntur,

Andhra Pradesh October 5th 2018

SRR & CVR GOVT. DEGREE COLLEGE

(Autonomous)

NAAC accredited with 'B^{+}' Grade

Machavaram, Vijayawada – 520 004, Krishna District.

Cell: 94922 34488 Ph: 0866-2430060 Fax: 0866-2441092 www.srrcvr.org srrandcvr@gmail.com

Dr. Velaga Joshi, Principal

M.A.(Phil.), M.A.(His), M.A. (M.C.J.), B.L., M.Phil., Ph.D.

To

The Manager,
Hidustan Coca-cola Beverages Pvt. Ltd.,
Athmakur,
Mangalagiri,
Guntur (Dt)
Andhra
Pradesh PIN-
522302

24.09.18

Sir,

Sub: Request for permission of our Microbiology students to visit your reputed company – regd.,

With reference to above subject, as part of Degree course curriculum, the students of our college who are studying Microbiology need to visit industry and should expose to R&D division. Hence I request you kindly permit 20 students of our college to visit your reputed company in your convenient date and time.

Your kind permission to visit industry is more useful to upgrade knowledge & skill of student community.

Thanking You.

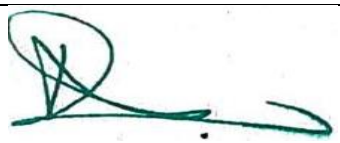
Yours Truly,



SRR & CVR GOVT. DEGREE COLLEGE (A) Vijayawada

Department of Microbiology

Activity Register 2018-2019

Date	**05-10-208**
Conducted through (DRC/JKC/ELF/NCC/NSS/Departments etc.)	**Department of Microbiology**
Nature of Activity(Seminar/Workshop/Extn. Lecture etc.,)	**Field Visit**
Title of the Activity	Field Visit to Bio fertilizer Laboratory, ARS, ANGRAU, Amaravati, Guntur, Andhra Pradesh.
Name of theDepartment/Committee	Department of Microbiology
No. of students participated	17 II BSc MBC
Brief Report on the activity	The Department of Microbiology has Organized Field Visit to Hindustan Coca-Cola Beverages Pvt Ltd, Guntur, and Andhra Pradesh for II BSc MBC on **05-10-208**. The work involved is microbial, physical and chemical analysis of raw and finished products carefully assessed for each batch. With a highly controlled process for making its beverages, the workflow at Coca-Cola begins with a water treatment stage, followed by diluting the propriety concentrates and adding relevant flavors. Each step requires a QC checkpoint. Starting with the raw materials such as concentrates, additives, flavors, and water, QC is performed throughout the production chain, from dosing and mixing to bottling.
Name of the Lecturers who Planned & conducted the activity	Dr .D .Jyothi and Mrs Dorcas Anand
Signature of the In- Charge	
Signature of the Principal	

The Coca-Cola Company produces concentrate, which is then sold to licensed Coca-Cola bottlers throughout the world. The bottlers, who hold exclusive territory contracts with the company, produce the finished product in cans and bottles from the concentrate, in combination with filtered water and sweeteners

Listed ingredients

- Carbonated water
- Sugar (sucrose or high-fructose corn syrup (HFCS) depending on country of origin)
- Caffeine
- Phosphoric acid
- Caramel color (E150d)
- Natural flavorings

A typical can of Coca-Cola (12 fl ounces/355 ml) contains 39 grams of sugar, 50 mg of sodium, 0 grams fat, 0 grams potassium, and 140 calories. On May 5, 2014, Coca-Cola said it was working to remove a controversial ingredient, brominated vegetable oil, from its drinks

In Coca-Cola's two key ingredients were cocaine and caffeine. The cocaine was derived from the coca leaf and the caffeine from kola nut (also spelled "cola nut" at the time), leading to the name Coca-Cola.

Conclusion:

The sugar content, low acidity, mild carbonation, few preservatives, and short shelf life can make these soft drinks susceptible to spoilage from a wide range of microorganisms. Having a robust microbiological QC process is, therefore, critical to maintaining consumer health and safety. “Soft drink quality includes flavor, smell, appearance, sugar content, and carbonation volume. Any deviation in these parameters can indicate spoilage, resulting in poor quality

Brand portfolio

Shortened "Coke" logo used on the back of cans and included in the logos of some flavor variations

This is a list of variants of Coca-Cola introduced around the world. In addition to the caffeine-free version of the original, additional fruit flavors have been included over the years. Not included here are versions of Diet Coke and Coca-Cola Zero Sugar; variant versions of those no-calorie colas can be found at their respective articles.

- **Coca-Cola Orange Vanilla** (2019–2021) – Coca-Cola with an orange vanilla flavor (intended to imitate the flavor of an orange Creamsicle). Made available nationwide in the United States on February 25, 2019.
- **Coca-Cola Energy** (2019–present) – An energy drink with a flavor similar to standard Coca-Cola, with guarana, vitamin B3 (niacinamide), vitamin B6 (pyridoxine hydrochloride), and extra caffeine. Introduced in 2019 in the United Kingdom,[95] and released in the United States and Canada in January 2020. Also available in zero-sugar, cherry, and zero-sugar + cherry variants. In May 2021, the company announced they would

discontinue the product in North America but it will remain available in other places and it will focus on its traditional beverages.

- **Coca-Cola Cinnamon** (2019–2020) – Coca-Cola with cinnamon flavor. Released in October 2019 in the United States as a limited release for the 2019 holiday season.Made available again in 2020 for the holiday season.
- **Coca-Cola with Coffee** (2019–present) – Coca-Cola, with coffee. Introduced in 2019 in various European markets, and released in the United States and Canada in January 2021. Available in dark blend, vanilla and caramel versions, and also in zero-sugar dark blend and vanilla variants.

ACKNOWLEDGEMENTS

We express our deep sense of gratitude to Dr.V. Joshi, Principal SRR & CVR Govt. Degree College Autonomous, Vijayawada for her support and constant encouragement to upgrade the knowledge and skills of students

WE indebted to **Biofertilizer Laboratory, ARS, ANGRAU, Amaravati, Guntur, Andhra Pradesh for** permitting the students III BSc (MBC), **SRR & CVR GOVT**. Degree College Autonomous, **VIJAYAWADA**

We wish to express my sincere thanks to Sri. K. Premanand, Hindustan Coco Cola Beverages Pvt. Ltd Atmakuru, Mangalagiri Guntur (Dist.) guided students to learn the work involved that is microbial, physical and chemical analysis of raw and finished products.

In Charge Dept of Microbiology

D. Jyothi



SRR and CVR Govt Degree College (A), Vijayawada

Department of Microbiology

Students Attended

Title of the Activity: Field / Laboratory Visit to Hindustan Coc
- Cola Beverages Pvt Ltd, Guntur.

Class: II Bsc MBC

Date: 5-10-2018

S No	Name of the Student	Signature
1	Dasari. Keerthi	Keerthi
2	Perisetti. Revanth	Revanth
3	Bolisetti. Jaya Naga Sai	Jaya Naga Sai
4	Guruvelli. Neeraja	Neeraja
5	Kesarapalli. Pavani	Pavani
6	Puppala. Lavanya	Lavanya
7	Gummapu. Rohit Nanda	Rohit
8	Gogulamudi. Surya prakash	Surya
9	Munipalli Ravi Teja	Ravi teja
10	Dasari. Chandrika	Chandrika
11	Mirigala. Vyshnavi	Vyshnavi
12	Puppala. Lalitha	Lalitha
13	Matta Naveen	Naveen
14	Guttigunde. Pavithra.	Pavatra
15	Gundu. Sai	Sai
16	Gunturu. Bhanu Durga prasad	Durga. prasad
17	Burugu. Viswas	Viswas

SRR & CVR GOVT. DEGREE COLLEGE (A) VIJAYAWADA

DEPARTMENT OF MICROBIOLOGY

2018-2019

Field/Laboratory Visit

To



Biofertilizer Laboratory, ARS, ANGRAU, Amaravati, Guntur, Andhra Pradesh.

February21st 2019

SRR & CVR GOVT. DEGREE COLLEGE

(Autonomous)

NAAC accredited with 'B^{+}' Grade

Machavaram, Vijayawada – 520 004, Krishna District.

Cell: 94922 34488 Ph: 0866-2430060 Fax: 0866-2441092 www.srrcvr.org srrandcvr@gmail.com

Dr. Velaga Joshi, Principal

M.A.(Phil.), M.A.(His), M.A. (M.C.J.), B.L., M.Phil., Ph.D.

To

The Director,
ARS, ANGRAU,
Amaravati
Guntur
Andhra Pradesh
PIN-522302

10.02.19

Sir,

Sub: Request for permission of our Microbiology students to visit your reputed company – regd.,

With reference to above subject, as part of Degree course curriculum, the students of our college who are studying Microbiology need to Biofertilizer Production Unit as a part of the curriculum. Hence I request you kindly permit 20 students of our college to visit your reputed company in your convenient date and time.

Your kind permission to visit Biofertilizer Laboratory is more useful to upgrade knowledge & skill of student community.

Thanking You.

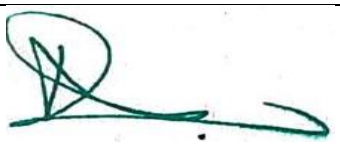
Yours Truly,



SRR & CVR GOVT. DEGREE COLLEGE (A) Vijayawada

Department of Microbiology

Activity Register 2018-2019

Date	**21-02-2019**
Conducted through (DRC/JKC/ELF/NCC/NSS/Departments etc.)	**Department of Microbiology**
Nature of Activity(Seminar/Workshop/Extn. Lecture etc.,)	**Field Visit**
Title of the Activity	Field Visit to Bio fertilizer Laboratory, ARS, ANGRAU, Amaravati, Guntur, Andhra Pradesh.
Name of theDepartment/Committee	Department of Microbiology
No. of students participated	17 II BSc MBC
Brief Report on the activity	The Department of Microbiology has Organized Field Visit to Bio fertilizer Laboratory, ARS, ANGRAU, Amaravati, Guntur, Andhra Pradesh.for II BSC MBC on **21-02-2019**. This laboratory produces different types of biofertilizer for increasing crop production level, to improve soil fertility status to minimize human health hazards problems, to minimize the use of chemical fertilizers to provide organic forming/ organic agriculture and to minimize environmental pollution and to conserve natural eco systems in an eco-friendly way.
Name of the Lecturers who Planned & conducted the activity	Dr .D .Jyothi and Mrs Dorcas Anand
Signature of the In- Charge	D. Jyothi
Signature of the Principal	

Report

Field trip to Biofertilizer Laboratory, ARS, ANGRAU, Amaravati, Guntur, Andhra Pradesh.

As a part of the curriculum, students of **II B.Sc (MBC)** Microbiology visited Biofertilizer Laboratory ARS, ANGRAU, Amaravathi, and Guntur on 21/02/2019. It is one of the most important producers of biofertilizers in the State under the Department of the Agriculture with a capacity to produce20 to 25 metric tons of different types of Biofertilizers annually to supplement the use of chemical fertilizers considerably**.**

Aim and Objectives of the Laboratory:

Realization of the adverse effect caused by using excessive and continuous use of chemical fertilizers and other synthetic agricultural inputs that which leads to depletion or degradation of soil fertility status, environmental pollution, human health hazards at the same time destruction of natural ecosystem.

Dr K Lakshmipathy , Senior Scientist , In charge Biofertilizer laboratory guided us to learn the aim and objectives of the laboratory . Different types of Biofertilizers produced in the lab and benefits and usage of Biofertilizers.Sir explained about isolation and mass multiplication of various biofertilizers *viz Rhizobium, Azatobacter, Azospirillum,* YAM and Phosphate solubilizing bacteria

Biofertilizers:

Biofertilizers are carrier-based preparation containing live or latent cells of effective strains of bacteria or fungi. They help in fixing or solubilizing the nutrients present in air or in the soil which is then made available to the plants.

Different types of biofertilizers produced in the laboratory

1. **Rhizobium:** It is a Nitrogen fixer. It uses for legume crops like pulses and oil seed crops like soya beans and groundnut. Rhizobium is crop specific.
2. **Azatobacter: I**t uses for cereal crops vegetables crops, oil seed crops, plantation crops, fruit crop and flowers.
3. **Azospirillum: I**t uses for cereal crops vegetables crops, oil seed crops, plantation crops, fruit crop and flowers.
4. **Phosphate Solubilizing Microorganisms**: It uses in all crops, along with nitrogenous biofertilizers

Benefits of biofertilizers:

1. Biofertilizers reduce the use of synthetic fertilizers and pesticides
2. Biofertilizers provide protection against drought and some soil borne diseases.
3. Biofertilizers also promote healthy soil, leading to greater forming sustainability.

Outcome of the trip:

We understand that Biofertilizers are living organisms of bacteria, fungi and algal origin, which can help plants to absorb nutrients, fix atmospheric nitrogen in the soil and solubilize the in solvable forms of phosphates into available form and mineralization.



Dr K Lakshmipathy, Senior Scientist, ARS, ANGRAU, Amaravati, Guntur Addressing the Students dated 21-02-2019



Biofertilizer Laboratory, ARS, ANGRAU, Amaravati, Guntur, Andhra Pradesh

ACKNOWLEDGEMENTS

We express our deep sense of gratitude to Dr. Velaga. Joshi, Principal SRR & CVR Govt. Degree College Autonomous, Vijayawada for his support and constant encouragement to upgrade the knowledge and skills of students

WE indebted to **Biofertilizer Laboratory, ARS, ANGRAU, Amaravati, Guntur, Andhra Pradesh for** permitting the students III BSc (MBC), **SRR & CVR GOVT**. Degree College Autonomous, **VIJAYAWADA**

We wish to express my sincere thanks to **Dr K Lakshmipathy, Senior Scientist, ARS, ANGRAU, Amaravati, Guntur** guided students to learn the aim and objectives of the laboratory. Different types of Biofertilizers produced in the lab, benefits and usage.

In Charge Dept of Microbiology

D. Jyothi

Principal

SRR and CVR Govt Degree College (A), Vijayawada

Department of Microbiology

Students Attended

Title of the Activity: Field visit- to Biofertilizer Laboratory, ARS ANGRAU, Amaravathi, Guntur, AP

Class: II Bsc MBC

Date: 21-02-2019

S No	Name of the Student	Signature
1	Puppalla. Lavanya	Lavanya.
2	Gundu. Sai	Sai
3	Matta. Naveen	M. Naveen
4	Bolisetti. Teja Naga Sai	Teja Naga Sai
5	Munipalli. Ravi Teja	Ravi Teja.
6	Miriyala Vyshnavi	Vyshnavi
7	Gunturu Bhanu Durga prasad	Durga Prasad
8	Guttigunde. Pavithra	Pavitra
9	Gogulamudi. Surya Prakash	Surya
10	Perisetti. Revanth	Revanth
11	Puppala. Lalitha	Lalitha
12	Burugu. Viswas	Viswas
13	Kesaropalli. Pavani	Pavani
14	Dasari. Chandrika	Chandrika
15	Guruvelli. Neeraja	G. Neeraja
16	Dasari. Keerthi	Keerthi
17	Gummapu. Rohit Nanda	Rohit

SRR & CVR GOVERNMENT DEGREE COLLEGE

VIJAYAWADA, KRISHAN

DIST., A.PNAAC

B+GRADE (CGPA:2.60)

DEPARTMENT OF MICROBIOLOGY

TECH – 2018

VISAKHAPATNAM

(UNESCO)

Proceedings of the Special Commissioner of Collegiate Education::A.P Vijayawada.

Pr.Rc.No.01/TECH-2018/2018 Dt. 12.11.2018.

Sub:-Education Department-UNESCO-MGIEP- Conduct of Conference " Transforming Education for Humanity (TECH)-2018 – permission to relieve the Lecturers for participation to the Conference –held at Visakhapatnam-Orders-Issued.

Ref:-1) Government Lr.Rc.NO.,736759/CE.A2/2017 Dt.1.5.2018.
2) Rc.No.1/TECH-2018- Academic Cell/2018 Dt.27.9.2018.

****

The Government of Andhra Pradesh in collaboration with UNESCO-MGIEP is conducting a conference on" Transforming Education for Humanity(TECH) at Novotel, Visakhapatnam from 14th - 17th November, Government has nominated the Special Commissioner of Collegiate Education AP, Vijayawada as Nodal Officer for this conference.

In the reference 2nd read above all the Principals of Government Degree Colleges in the State have been requested to send the names of the Participants for the event of pre conference work shop from 13th &14th November, 2018 @15 participants and @25 participants respectively, and for main TECH conference from 15th to 17th November ,2018 @ 75 participants per day. It was also informed that out of 225 participants, in all three days @75 per day, are allotted to attend any one of the days for TECH-2018 between 15th-17th November-2018.

Therefore, Principals of Government Degree Colleges in the State are here by directed to relieve the Lecturers for their participation to the TECH-2018 conference to be held at NOVOTEL Visakhapatnam on the dates for which they are participating to the TECH-conference treating their absence as "ON DUTY" including the journey days and their dates of participation in the conference subject to the production of participation certificate issued by the UINESCO-MGIEP, as token of evidence that they have participated for the conference.

Sd/-N.Geethanjali.
For Special Commissioner of Collegiate Education.

To.
All the Principals of the Government Degree Colleges in the State.

-// True Copy attested//-

Assistant Director.



Attended International workshop TECH 2018 At Visak conducted by UNESCO AND MGIEP 15/11/19 - 17/11/19

SRR & CVR GOVT DEGREE COLLEGE (A)
MACHAVARAM, VIJAYAWADA

S NO	NAME	DOB	OCCUPATION	EMAIL-ID	MOBILE NUMBER
1.	DUNNA JYOTHI	12/12/1972	Lecturer in Botany	Jyothisurendra.d@gmail.com	9440959088
2.	CHOPPAVARAPU DORCAS ANAND	01/07/1975	Lecturer in Microbiology	Dorcajeevan1@gmail.com	9014771547
3.	VELPULA NAGA LAKSHMI	10/01/1994	Lecturer in Botany	velpulalakshmis@gmail.com	8500837709
4.	GUNTUR PRAVALLIKA	05/10/1993	Lecturer in Biochemistry	Shebahgold91221v@gmail.com	9985674132
5.	KUNDA SATHVIK MAHARSHI	24/06/1998	Student	kundamaharshi@gmail.com	7995636329
6.	KOVELAKUNTLA VIJAY KRISHNA	04/06/1998	Student	vijaykrishnakovelakuntla@gmail.com	7337237890
7.	MUPPIRISETTY CHAITANYA HANISH	13/11/1997	Student	chaitanyahanish@gmail.com	9493989830
8.	MOHAMMAD SHAHID ALI	05/06/1996	Student	shahidalimohammad@gmail.com	9505252098
9.	NAKKA ABHIGNA	20/03/1998	Student	Nakka.Abhi.99@gmail.com	8074740182
10.	SNEHITHA KANCHAPOGU	12/08/2000	Student	Snehitha.kanchapogu@gmail.com	8179589202
11.	MEKALA MANOHAR	24/07/1998	Student	Mekalamanohar98@gmail.com	9704333381
12	BURUGU VISWAS	26/1/2001	Student	buruguviswas@gmail.com	8886875378
13.	YERRA SURENDRA BABU	20/5/2000	Student	Yerrasurendra7@gmail.com	8919198871
14.	DASARI KEERTHI	18/06/1998	Student	keerthipulagam@gmail.com	7396647857

SRR & CVR GOVT DEGREE COLLEGE (A)
MACHAVARAM, VIJAYAWADA

15.	DASARI CHANDRIKA	09/08/2001	Student	chandrikaDasari795@gmail.com	6302959158
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TECH

Transforming Education Conference for Humanity

2018

VISAKHAPATNAM



K.VIJAY KRISHNA

M.CHAITANYA HANISH

3rd Year BSc (MBC)

TECH2018

It's impossible to learn everything by simply reading or studying it can be only achieved by the experience.

Experience makes greater than any other things to learn a new thing in a better way to their best.

The government of Andhra Pradesh state has conducted a workshop on tech 2018 by UNESCOMGIEPon 15th to 17thNovember at Novotel hotel in Vizag.

Our honourable chief minister Shri NaraChandra bau Naidu garu is best known for and registered name his name for technology across the globe creating a new digital state

On behalf of our college 14 students and 4 lectures grouped as a team and participated this prestigious TECH 2018(transforming education conference for humanity) CONFERENCE

It was morning 8 O'clock we started our journey from AndhraUniversity to Novotel hotel at Vizag for tech 2018 workshop

We are amazed to see various kinds of people from different countries across the globe on a common platform regarding development of technology and digitalisation of globe for future generation learning

We can confidently say that communication and interaction skills easily developed by interacting with them on a specific topic

Our Indian dynamic and coolest UNESCOdirector Dr Anantha Duraiappahalong with our honourable human resource development minister Shri Ganta Srinivasa Raosir gave his view of presentation on behalf of Andhra Pradeshregarding this three day workshop on what motto and aim it was conducted

The conference saw participation over 1000 registered delegates from over 50 countries on daily basis and witnessed highly engaging deliberations by experts in various domains related to education and technology such as gaming, social emotional and web browsing etc.

This conference mainly focused on the education learning and how technology boons or bane for world in different aspects of learning digitally and awesome interaction with CEO and founder of the companies like LinkedIn, gaming and vr companies

It is one the greatest experience in education life that should be experienced. Andi can simply pass the quote that fun and joy of learning the unknown things in a different way.

The discussions and debates in breakout sessions has done by the finest and experienced personality of the world in a way that how the future generations going to develop technology learning and digital techniques

This TECH 2018 workshop showcased the role of games and digital learning in enabling a shift from Trans missive pedagogies to transformative pedagogies to create a peaceful and sustainable societies

A good teacher can inspire a hope ignite the imagination and instil a love of learning and it is a very noble profession that shapes the character calibre and future of an individual

In this way i would like that to thank our respected principal Dr Velaga Joshi Sir for giving such wonderful opportunity to attend this prestigious workshop and also i would like to thank our respected Mrs D. Jothi And Mrs Dorcas Jeevan Anad Maam for encouring us to learn new things in a betterway and they have enlighting us with their knowledge

"It'simpossible for Chandra gupta maurya to be a successful leader without the presence of his teacher and his guru Chanakya."

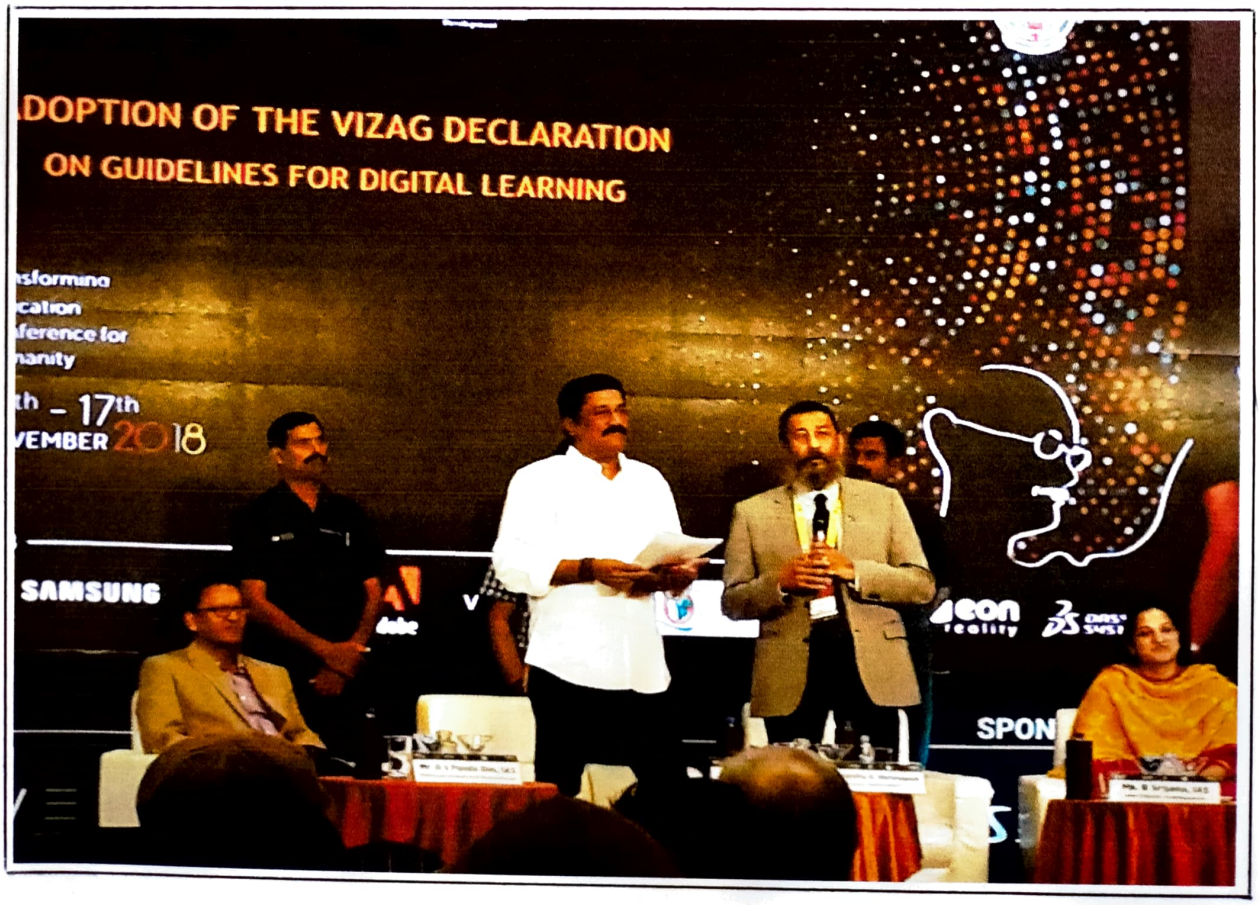
Mainly thanking our college for giving such such wonderful teachers like chanakya who struggles very hard to make each and every student to stand on their both legs at greater heights




TECH
2018
Transforming
Education
Conference for
Humanity
NOVEMBER 2018


TECH
2018
TECH


ADOPTION OF THE VIZAG DECLARATION
ON GUIDELINES FOR DIGITAL LEARNING
15th - 17th NOVEMBER 2018
SAMSUNG


DOPTION OF THE VIZAG DECLARATION
ON GUIDELINES FOR DIGITAL LEARNING
SAMSUNG

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This is to certify that

Dorcas Anand Choppavarapu

participated at the
Transforming Education Conference for Humanity (TECH) 2018
from November 15 - 17, 2018 in Visakhapatnam, India



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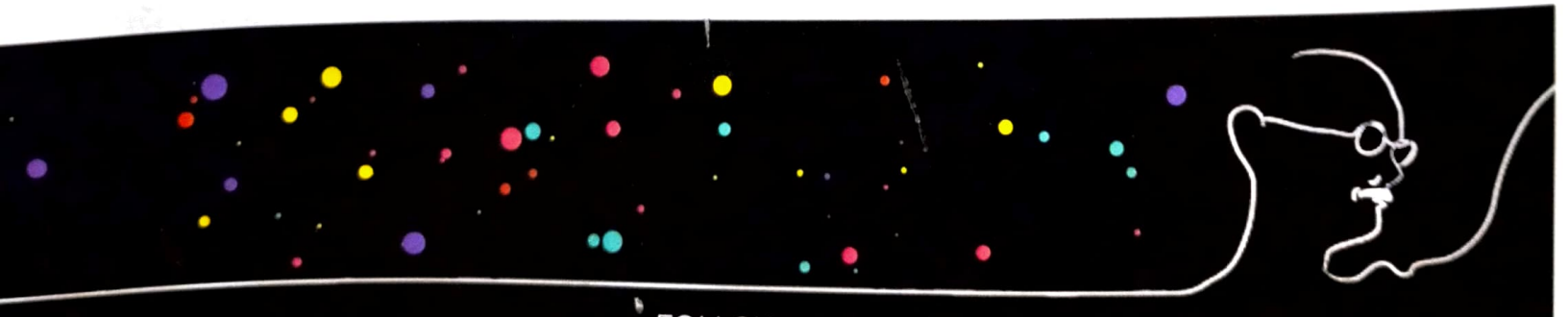
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This is to certify that

Pravallika Guntur

participated at the
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This is to certify that

Satwik Maharshi Kunda

participated at the
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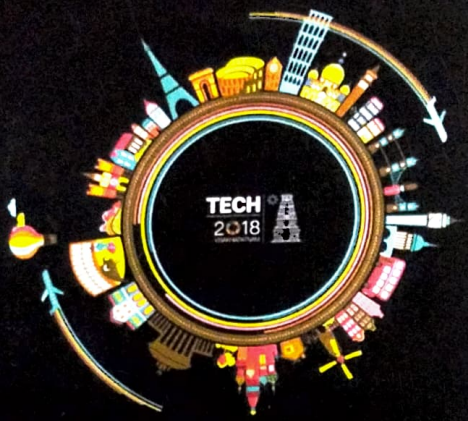
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Government of India
Ministry of Human Resource Development

United Nations Educational, Scientific and Cultural Organization

MGIEP Mahatma Gandhi Institute of Education for Peace and Sustainable Development

ransforming Education Conference for Humanity



This is to certify that

Shahdi Ali Mohammad

participated at the
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This is to certify that

Abhigna Nakka

participated at the
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Mahatma Gandhi Institute of Education for Peace and Sustainable Development

सत्यमेव जयते

Government of India
Ministry of Human Resource Development

artificial intelligence
sustainable societies
emotional intelligence
digital learning
peaceful societies
paper presentations
debates
artificial intelligence
STEM+
transformative
collaborative intelligence
intellectual intelligence
transforming education
SDG 4.7
21st century competencies
games for learning
mixed reality
youth
mock classrooms
virtual reality
catalytic sessions
socio-emotional learning

NOVEMBER 15 – 17, 2018

NOV. 14: BY INVITE ONLY
HIGH LEVEL POLICY FORUM

VISAKHAPATNAM CITY, STATE OF ANDHRA PRADESH, INDIA

www.mgiep.tech | tech2018.mgiep@unesco.org

TECH
Transforming Education for Humanity
2018
VISAKHAPATNAM

FROM TRANSMISSIVE TO TRANSFORMATIVE PEDAGOGIES: DIGITAL TECHNOLOGIES FOR FOSTERING 21ST CENTURY COMPETENCIES

CONCEPT NOTE

2ND EDN. OF TECH

United Nations Educational, Scientific and Cultural Organization

Mahatma Gandhi Institute of Education for Peace and Sustainable Development

सत्यमेव जयते
Government of India
Ministry of Human Resource Development

TECH 2018 aims to showcase the role of digital technologies in enabling a shift from "transmissive pedagogies" to "transformative pedagogies" to create peaceful and sustainable societies.

The challenges we face today are very different from those we faced in the last millennium. While experiencing the unprecedented interconnectivity created by the Internet, we are also witnessing persistent and new disparities and tensions, alarming illiberal and undemocratic trends, and uncertainties and risks about the future of the planet we share. Interconnected local to global challenges—ranging from climate change to violent extremism—call for education that enables learners to engage creatively and responsibly with the rapidly changing world.

In 2015, in their endeavour to work towards transforming our world, world leaders adopted the "2030 Agenda for Sustainable Development" and the accompanying Sustainable Development Goals (SDGs). Among the 17 SDGs and 169 targets, Target 4.7 specifically acknowledges the importance of holistic and transformative education, highlighting the importance of education for sustainable development, peace and global citizenship.

SDG Target 4.7

By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.



At the same time, digital technologies are beginning to transform traditional relationships of knowledge and learning, making it much easier to achieve many of the long-held pedagogical ideals such as ubiquitous learning, active knowledge making, dialogical and reflexive relationships, and personalised learning. Technological advances are also expanding the possibilities of 'gamifying learning', making learning fun, interactive, self-paced and engaging. Digital games have the advantage of combining immersive technology with good pedagogical practice. They are also helping educators answer ongoing assessment questions, develop children's intellectual and emotional intelligences, and break down the boundaries between disciplines and cultures. Digital technologies offer a huge potential, yet to be fully explored, for transforming education.

TECH 2018 VISAKHAPATNAM

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www.twitter.com/unesco_mgiep | www.instagram.com/unesco_mgiep
Tel: +91-11-23 07 23 56–60

Official Dates

Dates	Details
Wednesday, 14 November, 2018	High Level Policy Forum (invitation only) – TBC
Thursday, 15 November – Saturday 17 November, 2018	TECH 2018

Partners

The conference will be jointly organised by UNESCO MGIEP and the Government of Andhra Pradesh and supported by the Ministry of Human Resource Development, Government of India. Prospective sponsors and Knowledge Partner of the event include Microsoft, Ubisoft, Unity Technologies, Samsung, HP, Tata Trusts, ISTE and AFS.

Conference Objectives

TECH 2018 aims to:

1. Provide a platform for dialogue and capacity building across gaming, digital pedagogy and education stakeholders, including students, teachers and young people;
2. Showcase and demonstrate pedagogical possibilities opened up by gaming and digital technologies in enabling learners to develop 21st century skills and competencies to shape peaceful and sustainable societies;
3. Critically reflect upon and articulate institutional and ethical implications of embracing digital solutions to education.

The conference is expected to generate the following outputs and follow up measures:

- A **Conference Declaration** on guidelines for the use of games and digital learning in education
- A **Call for Action** to mainstream Social and Emotional Learning (SEL) in education systems using digital interactive technologies

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Conference Themes

Theme 1: Transformative Gaming and Digital Pedagogies for SEL

The need for individuals, resilient and adaptive to rapidly changing environments, is the order of the day. The need for building not only intellectual intelligence but also emotional intelligence has never been greater. Recent research increasingly demonstrates what supporters of SEL have long advocated that students need to be "socially aware" and "emotionally-connected" for them to learn and for societies to flourish. In recent years, it has been demonstrated that SEL skills such as empathy, mindfulness and compassion can be explicitly taught and learned. Indeed, research suggests that SEL skills impact positively both academic performance and behavioural outcomes. UNESCO MGIEP promotes the idea that building both emotional and intellectual intelligence is key to achieving peaceful and sustainable societies and this can be delivered to all learners through the use of innovative technologies.

Participants are invited to:

- Present the research evidence for SEL delivered directly or indirectly through transformative gaming and digital pedagogies, which have implications for achieving SDG 4.7
- Showcase good practices in curricula for building social and emotional skills through gaming and digital learning tools and methodologies
- Provide hands-on training to educators and youth to develop and employ innovative gaming and digital technologies to directly or indirectly deliver SEL experiences that promote values of peace, global citizenship and sustainable development.

Theme 2: Beyond Four Walls of the Classroom

Rather than embracing everything digital, participants are invited to explore how digital technologies can overcome constraints imposed by highly institutionalised features of modern schooling, including assessment of learning as memory of textbook knowledge. Experts and practitioners of education for sustainable development (ESD), global citizenship education (GCED), global learning, peace education and education in general are invited to examine, together with ed-tech stakeholders, the role of digital technologies in whole-school approaches and other holistic efforts to build a culture of peace and sustainability at the school and community levels.

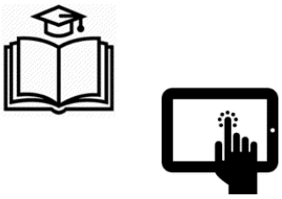
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Theme 2: Beyond Four Walls of the Classroom (continued)

Technologies can be used to:



"mediate or supplement relationship between teachers and learners"



"present and assess learnable content"



"provide spaces where students do their work"



"mediate peer-to-peer interactions"

Source: Created based on the conceptualisation of e-learning by Bill Cope and Mary Kalantzis, *e-Learning Ecologies: Principles for New Learning and Assessment,* Routledge, 2017, p.1.

Participants are invited to:

- Explore the role of games and digital learning in teaching and assessment of knowledge, skills, values and attitudes associated with SDG 4.7
- Highlight the role of digital technologies in problem-based/project-based learning for peace and sustainability
- Present good practices on the use of crowdsourcing for promoting education for peace and sustainable development
- Present pedagogical possibilities opened up by digital games, Virtual Reality (VR), Augmented Reality (AR), or Mixed Reality (MR) in formal or non-formal ESD and GCED, or in both.

Theme 3: Transformative Gaming and Digital Pedagogies for STEM+

Core subjects such as Mathematics, Science, and Languages often occupy a privileged place in the school curriculum in terms of time allocation and mandatory and examinable status. These subjects are usually taken seriously by students, parents, teachers and policymakers alike as they are assumed to enhance economic competitiveness—both at the individual and national levels. In fact, many digital learning management systems focus on delivering content on Mathematics, Science and English. Given the status of these subjects, it is important to understand: What do transformative digital pedagogies for STEM+ subjects look like? How can digital technologies contribute to building problem solving and creative, critical and systemic thinking skills? How can they facilitate issue-based or thematic approaches in the teaching of core subjects? How can they combine learning of the content prescribed by the curriculum with creative expressions? How can new, innovative and fun ways be used through games and digital learning for assessment of knowledge?

Theme 3: Transformative Gaming and Digital Pedagogies for STEM+ (continued)

Participants are invited to:

- Present cases of Mathematics, Science or Language Education delivered through transformative digital pedagogies, which has particular implications for building problem solving and critical thinking skills
- Showcase good practices in digitally mediated pedagogies for building literacy and numeracy along with curiosity, creativity and critical thinking skills
- Provide hands-on training to educators and youth to develop and employ innovative technologies to deliver STEM+ education experiences that promote values of peace, global citizenship and sustainable development.
- Demonstrate the use of digital games for learning and assessment in the STEM+ field
- Showcase digital pedagogical innovations for children with "Difference Learning" (dyslexia, dyscalculia, dyspraxia and dysgraphia).

Theme 4: Artificial Intelligence and the Future of Education

Artificial Intelligence (AI) has caught the imagination of the world and has been gaining popularity in the business sector. To date, the use of AI in education has been limited and at times contested; most arguments against it centre on how it will make teachers redundant and learning more automated than it is currently. Rather than replacing teachers and making learning impersonal, AI could take learning to a completely new level. It could instantly generate an astounding amount of information, curate supplementary learning resources to meet individual student interests and needs, provide teachers with a virtual teaching assistant, and allow students to connect with peer learners as well as a virtual peer or tutor wherever and whenever needed. In the classroom, this could increase valuable time for more teacher-student and student-student interaction and more engaging and immersive learning experiences. The collective wisdom of teachers and students could be garnered to expand the realm of possibilities for education. What are the implications of AI for the future of education? UNESCO MGIEP embraces the need for education to prepare learners for the world profoundly changed by new frontiers in AI.

Participants are invited to:

- Critically reflect upon the profound impact AI could have on how education and training is organised, including the automation of not only low-skill or routine tasks but also high-skill and cognitive tasks; the redefinition of 21st century skills; and the reinvention of the meaning of human existence and well-being
- Share ideas on if and how we can or should embed the principles and values of peace and sustainable development in AI
- Present innovative ideas on the use of AI as part of Learning Management Systems (LMS)
- Present AI options for assessments and analytics to guide learning
- Showcase the use of AI in harvesting data from existing data sources such as the UNESCO Institute of Statistics database among others.

Theme 5: The Institutional Framework for Application of Digital Technologies in Education: Towards Surveillance or Collaborative Intelligence?

Learning Analytics, enabled by increasingly sophisticated data collection and information retrieval techniques, holds a great promise for optimising learning. At the same time, it raises concerns about privacy and data protection that need to be addressed by normative frameworks and policy guidelines. A major challenge concerns the ethical implications of data surveillance. Digital technologies are making personalised learning more practical and opening up a myriad of pedagogical possibilities. They are, however, also enhancing the capacity of governments, companies and individuals to undertake surveillance, which may violate or abuse human rights, in particular the right to privacy. In addition to privacy, data protection and surveillance issues, the use of digital media to transform information to knowledge and then to intelligence also raises issues related to intellectual property rights and the ownership of intelligence. The question of what constitutes a private good and a public social good is critical in determining how education systems evolve in the future.

Participants are invited to:
• Present efforts to improve national laws and practices with respect to surveillance issues in a digital age, including preventative measures, sanction and remedies
• Present ideas to prevent the private sector from committing violations and abuses of the right to privacy
• Discuss moral and policy issues surrounding student privacy raised by learning analytics.

Still can't find a match for your idea in any of the above topics……It's not the end…go ahead and share your story and challenge us!

Conference Formats

The main formats of the conference are:
- Keynotes (Plenary, by invitation only)
- Catalytic Panels and Debates (by invitation only)
- Breakout Sessions (Panel Discussion, Workshop or Paper Presentation)
- E-Poster Exhibitions
- Learning Zone
- Maker Space
- Mock Classrooms

The discussions will be interactive in nature in order to provide participants with an opportunity to dialogue, exchange good practices and establish connections and contacts. A highlight of the conference will be extensive access to academic experts and innovative technologies for transformative pedagogies.

Submissions are invited for all sessions listed overleaf.

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Target Audience

Participants in the conference will be experts in the field of education technology and education for peace, sustainable development and global citizenship comprising of Ministers of Education, senior policy makers, education technology specialists, educators and teachers, curriculum designers, researchers, learners, students, game designers, ed-tech exhibitors and more.

Working languages

The working language of the conference will primarily be English.

About Visakhapatnam (Vizag) City



TECH 2018 will be held in Visakhapatnam in India – a coastal port city, often known as The Jewel of the East Coast, situated in the state of Andhra Pradesh. Nestled among the hills of the Eastern Ghats by the Bay of Bengal, Visakhapatnam offers the best of India's vibrant culture, fascinating architecture, jewel-like beaches, gastronomic delights and more.

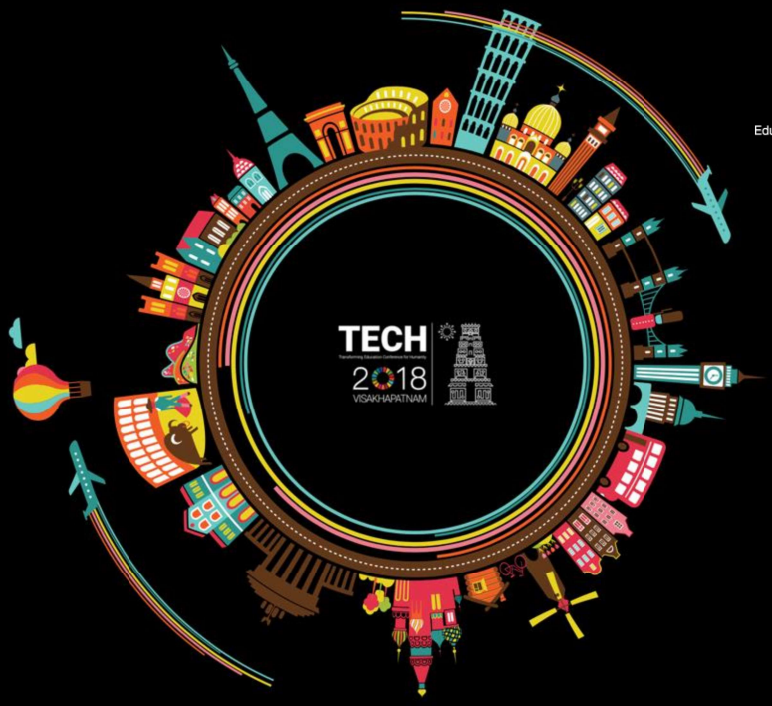
About UNESCO MGIEP

The Mahatma Gandhi Institute of Education for Peace and Sustainable Development (MGIEP) is UNESCO's category 1 Research Institute that focuses on Sustainable Development Goal (SDG) 4.7 towards education for building peaceful and sustainable societies across the world. In line with its vision of 'Transforming Education for Humanity', the Institute employs the whole-brain approach to education, with programmes that are designed to mainstream SEL in education systems, innovate digital pedagogies and to put youth as global citizens at the centre of the 2030 agenda for Sustainable Development.

About the State Government of Andhra Pradesh, India

The State Government of Andhra Pradesh aims to transform the state into a "globally competitive and happy society" and has charted out its Vision 2029 for the State. The Vision focuses not just on economic growth but also on happiness / well-being and Andhra Pradesh aims to be No. 1 in the World by 2050, thereby influencing global communities. In achieving this vision, access to education and use of digital transformative pedagogies (SDG 4) have been identified as key factors that will "influence people's well-being".

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United Nations Educational, Scientific and Cultural Organization

Mahatma Gandhi Institute of Education for Peace and Sustainable Development

TECH 2018: NOVEMBER 15 – 17, 2018 | CONFERENCE AGENDA

TECH 2018 aims to showcase the role of games and digital learning in enabling a shift from "transmissive pedagogies" to "transformative pedagogies" to create peaceful and sustainable societies.

CONFERENCE AGENDA OVERVIEW

NOVEMBER 13	NOVEMBER 14	NOVEMBER 15	NOVEMBER 16	NOVEMBER 17
PRE-CONFERENCE WORKSHOPS	PRE-CONFERENCE WORKSHOPS	OPENING	CATALYTIC SESSIONS 5 -9	CATALYTIC SESSION 10
	HIGH LEVEL POLICY FORUM	TECH TALK	KEYNOTE 4 & 5	KEYNOTE 6 & 7
	KEYNOTE 1	CATALYTIC SESSIONS 1 - 4	BREAKOUT SESSIONS	BREAKOUT SESSIONS
	CULTURAL EVENING	DISRUPTOR'S PANEL	VIZAG CITY TOUR	TECH 2018 CLOSING
		KEYNOTE 2 & 3		
		BREAKOUT SESSIONS		
		CULTURAL EVENING		

PRE-CONFERENCE ACTIVITIES

TECH 2018

A) PRE-CONFERENCE WORKSHOPS: NOVEMBER 13-14, 2018:

The pre-conference workshops are targeted at educators, students and practitioners and will offer highly interactive and focused sessions on some of the most relevant themes related to EdTech, delivered by experts.

No	Workshop title	Date	Timings
1	Pre-Conference Workshop 1 (Unity): 'Beginning interactive design with Unity'	November 13-14, 2018	10 am – 4 pm
2	Pre-Conference Workshop 2 (Collabrify)	November 14, 2018	9 am – 1 pm
3	Pre Conference workshop 3 (Samsung-UNESCO MGIEP)	November 14, 2018	9 am – 1 pm
4	Pre-Conference Workshop 4 (Difference Learning, UNESCO MGIEP)	November 14, 2018	2 pm – 5 pm
5	Pre-Conference Workshop 5 (Game – Catch): 'Catch Game Workshop	November 14, 2018	2 pm – 5 pm

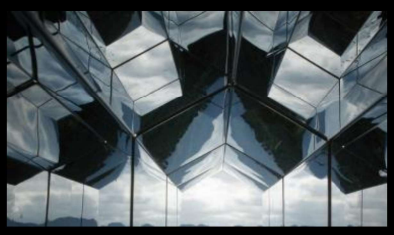
B) **HIGH LEVEL POLICY FORUM (BY INVITE ONLY):** NOVEMBER 14, 2018:

The High Level Policy Forum is a by-invite only session targetted at policy makers and its key objective is to commence a collective dialogue on the development of global EdTech guidelines to guide the design and implementation of digital pedagogies such as games for learning, virtual reality, artificial intelligence and other EdTech products. The High Level Policy will be followed by Keynote 1, a cultural evening / performance and dinner.

No	Details	Timings
1	High Level Policy Forum: Session I	10 am – 1 pm
2	Lunch	1 pm – 2 pm
3	High Level Policy Forum: Session II Session on Skilling (By invite only)	2 pm – 5 pm
4	**Keynote 1** by Gregoire Borst, Professor of Developmental Psychology and Cognitive Neuroscience of Education, LaPsyDE	6:30 pm – 7:15 pm
5	Cultural Evening	7:30 pm onwards

C) DAY 1: THURSDAY, NOVEMBER 15, 2018

No	Details / Activity	Time
1	On-site registration	8:30 am onwards
2	Opening of TECH 2018	9:30 am – 11 am
	Networking Break	11 am – 11:20 am
3	Anantha K. Duraiappah, Director, UNESCO MGIEP **TECH Talk**	11:20 am – 11:40 am
4	**Keynote 2** by Jessica Lindl, Global Head of Education at Unity Technologies	11:40 am – 12 pm
5	Catalytic Sessions 1 & 2 **Catalytic Session 1:** Transformative Gaming and Digital Pedagogies for SEL; **Catalytic Session 2:** Beyond Four Walls of the Classroom	12:05 pm – 1:20 pm
	Lunch and Product Launches	1:20 pm – 2:20 pm
6	**Breakout Session 1**	2:20 pm – 3:20 pm
7	**Disruptor's Panel:** Artificial Intelligence in Education: Who Owns and Who Manages	3:-30 pm – 4:15 pm
	Networking Break	4:15 pm – 4:35 pm
8	**Keynote 3** by Peter Vesterbacka, Co-founder at Lightneer, Fun Academy. Formerly Mighty Eagle at Angry Birds	4:35 pm – 4:55 pm
9	Catalytic Session 3 & 4 **Catalytic Session 3:** Transformative Gaming and Digital Pedagogies for STEM+; **Catalytic Session 4:** Artificial Intelligence and the Future of Education	5 pm – 6:15 pm
10	Cultural Evening, followed by Dinner	7 pm onwards








C) DAY 2: FRIDAY, NOVEMBER 16, 2018

No	Details / Activity	Time
1	On-site registration	8:30 am onwards
2	**Keynote** by Dan Shefet, Lawyer at the Paris Court of Appeal (France)	9 am – 9:20 am
3	**Keynote** by Geoffrey Marson, Lawyer and specialist data ethics	9:25 am – 9:45 am
4	**Breakout Session 2**	10 am – 11 am
	Networking Break	11 am – 11:20 am
5	**Catalytic Session 5:** Managing the Commons, Institutional Frameworks for equity and efficiency in education	11:30 pm – 12:45 pm
	Lunch and Product Launches	12:45 pm – 1:45 pm
6	Catalytic Sessions 6 & 7 (Parallel Sessions) **Catalytic Session 6:** Transformative Digital Pedagogies for Global Citizenship: Multimodal Storytelling and Design Thinking; **Catalytic Session 7:** Harnessing the power of digital games to unify social-emotional learning with math and science	1:45 pm – 3 pm
7	**Breakout Session 3**	3:05 pm – 4:05 pm
	Networking Break	4:05 pm – 4:25 pm
8	Catalytic Sessions 8 & 9 (Parallel Sessions) **Catalytic Session 8:** AI For Education - Personalization at Scale: How AI is Poised to Disrupt Education; **Catalytic Session 9:** Can games replace textbooks and exams?	4:25 pm – 5:40 pm
9	**Breakout Session 4**	5:45 pm – 6:45 pm
10	Vizag City Tour	7 pm onwards





C) DAY 3: SATURDAY, NOVEMBER 17, 2018

No	Details / Activity	Time
1	**Breakout Session 5**	9 am – 10 am
2	**Catalytic Session 10:** Intelligent Global Hub for Digital Pedagogies	9 am – 10 am
3	**Keynote** by Neuroscientist Kenneth Pugh	10 am – 10:20 am
4	**Keynote** by Harri Ketamo, Founder & Chairman of Headai. *Title: Jobs will be lost, skills are forever*	10:25 am – 10:45 am
	Networking Break	10:45 am – 11:05 am
5	**Catalytic Session 11:** Global Guidelines: What, Why, How?	11:05 am – 12:20 pm
6	**Breakout Session 6**	12:25 pm – 1:25 pm
7	Adoption of Vizag Declaration and closing of TECH 2018	1:30 pm – 2::00 pm
8	Closing address by Hon'ble Minister of IT, Panchayati raj and Rural development , Andhra Pradesh Lokesh Nara	2:00-2:15
9	Closing remarks by Director MGIEP Anantha Duraiappah	2:15-2:20
10	Lunch	2:30 pm onwards










SRR & CVR GOVERNMENT DEGREE COLLEGE

VIJAYAWADA, KRISHAN DIST., A.P

NAAC B+GRADE(CGPA:2.60)



DEPARTMENT OF PHYSICS & ELECTRONICS

EFFTRONOCS

VIJAYAWADA

(FIEDVISIT)

DATE: 09.03.2019

PERMISSIN LETTER

TO,
THE PRINCIPAL,
SRR & CVR GOVT.DEGREE COLLEGE(A),
VIJAYAWADA.

Respected Sir,

SUB: Permission to visit Efftronics ,Vijayawada -Request-Reg.

As part of curriculum Industrial visit is essential to B.Sc students, so Department of Physics & Electronics contact with the Efftronics authorities they responded and gave a slot to visit "Efftronics ",Vijayawada on 9th MARCH 2019 between 2 P.M to 5 P.M. So we wish you would support us for the Industrial visit and Permit us for this visit.

Thanking you sir

Yours Faithfully

P.Sailaja
Lecturer Incharge in Physics/Electronics

Lecturer in-charge
Dept. of Physics & Electronics
SRR & CVR Govt. Degree College
(Autonomous)
VIJAYAWADA-4

ACCEPTANCE MAESSAGE

efftronics®
To provide insight for enhancing wealth

EFFTRONICS SYSTEMS PVT. LTD.
40-15-9, Brundavan Colony, Vijayawada-520 010, AP, INDIA
✆ : +91 (866) 246-6675, 249-3375, Fax: +91 (866) 247-4097
e-mail: info@efftronics.com Website: www.efftronics.com

09-Mar-19

To

The Principal,

Physics & Electronics Department,

SRR & CVR Govt Degree College(A),

Vijayawada.

Sir,

Sub: Industrial Visit to B.Sc MECs I, II, III Year Students **-Reg**

As a part of extension of our cooperation to Academic Institutions and to ignite aspirations of students towards Research we have been organizing Industrial Visits.

As part of this B.Sc ECE III Year 50 students of SRR & CVR Govt Degree College(A), are permitted to visit our organization on 09-Mar-19. We hope for many fruitful endeavors with you in coming future.

For Efftronics Systems (P) Ltd.,

Efftronics Systems Pvt. Ltd. Vijayawada-10.

(S Bhavani Sankar)

Executive Manager

Corporate Identity Number
U51909AP1987PTC007554

Mfrs: Networking Data Loggers and LED Displays *Developers: Embedded Systems, Software*



R&D Recognised by DSIR, Govt. of India A PRODUCT DEVELOPMENT COMPANY An ISO 9001:2008 Company

3/9/2019 Gmail - Reg: CONFIRMATION MAIL FOR INDUSTRIAL VISIT

Gmail SRR & CVR GDC PHYSICS DEPARTMENT <srrcvrphydept@gmail.com>

Reg: CONFIRMATION MAIL FOR INDUSTRIAL VISIT

hr <hr@effronics.com> Tue, Mar 5, 2019 at 5:06 PM
To: SRR & CVR GDC PHYSICS DEPARTMENT <srrcvrphydept@gmail.com>

Dear Mam,

As per our telephonic conversation, here I am confirming the visit for SRR & CVR college on 09-Mar-2019 and cancelled the previous allotted slot on 29-Jun-2019.

Please revert with list of students and faculty with contact number, who will attend on that day(09-Mar-2019).

Feel free to contact for any further clarifications required.

-
Regards,
Renuka Madhuri G,

REPORT


Department of
PHYSICS & ELECTRONICS
SRR & CVR Govt. Degree College
Vijayawada, Krishna District.


Department of
PHYSICS & ELECTRONICS
SRR & CVR Govt. Degree College
Vijayawada, Krishna District.


SYSTEMS PVT LTD
Department of
PHYSICS & ELECTRONICS
SRR & CVR Govt. Degree College
Vijayawada, Krishna District.





The presentation given by ***Mr. Y.Srinivasa Rao*** and **Mr.Suresh Kumar** about radar systems and then practically viewed the working of radar system, we are very much of inspired and gain the knowledge on detection the cyclones, their wind range and rainfall, measuring humidity.

Student Feed Back:

In our B.SC life, now we have stepped into our final year which is very precious for us and we believe in and dying for only four things.

- ***Gaining knowledge***
- ***Hard work***
- ***success***

As a way to reach all these three goals, we and our beloved faculty planned to go to radar station to have a practical look about - How radar systems are working? First time when we students heard that we are going to radar station our souls are very excited and bloomed with happiness. It was for the first time that all our friends without any failure in the total strength are going to have a short journey and we dreamed that' ***we will rock the tour'***. We science students are the followers of ***Dr. A.P.J.Abdul Kalam*** who messaged us that ***"DARE TO DREAM, DIE TO ACHIEVE IT".*** so we dreamed and met the success.

ATTENDANCE

SRR & CVR Government Degree College (A), Vijayawada – 520004

Department of Physics & Electronics – Industrial visit

List of 50 (MECs) students visited "Efftronics ", Vijayawada as part of **Industrial visit**" on 9th MARCH 2019 along with 2 Faculty members

Coordinator Details:

P.SAILAJA
DEPARTMENT IN-CHARGE
DEPT OF PHYSICS & ELECTRONICS
SRR&CVR GOVT.DEGREE COLLEGE (A), VJA
PHONE NO: 9491753148
MAIL ID: srrcvrphydept@gmail.com

Faculty details
K.SAI BALARAM
DEPT OF PHYSICS & ELECTRONICS
SRR&CVR GOVT.DEGREE COLLEGE (A), VJA
PHONE NO:9296000555

Faculty details
K.NAYOMI
DEPT OF PHYSICS & ELECTRONICS
SRR&CVR GOVT.DEGREE COLLEGE (A), VJA
PHONE NO:7386349734

Sl.No.	Name of the Student	COURSE	Group	Signature of the student
1	K SIRISHA	III B.Sc	MECs	K. Sirisha
2	P SWETHA	III B.Sc	MECs	P. Swetha
3	E LAKSHMI	III B.Sc	MECs	E. Lakshmi
4	E VASAVI	III B.Sc	MECs	E. Vasavi
5	B NAGA BHAVANI	III B.Sc	MECs	B. Nagabhavani
6	T SAI SAILAJA	III B.Sc	MECs	T. Sai Sailaja
7	J PRIYA CHANDANA	III B.Sc	MECs	J. Priya Chandana
8	D LOK MANOHAR	III B.Sc	MECs	D. Lok
9	S SAI BHARGAV	III B.Sc	MECs	S. Sai Bhargav
10	G PRITHVI	III B.Sc	MECs	G. Prithvi
11	R DURGA PRASAD	III B.Sc	MECs	R. Durga Prasad
12	B GOPI CHANDU	III B.Sc	MECs	B. Gopi Chandu
13	T VENKATA SAI	III B.Sc	MECs	T. Venkata Sai
14	D SAI TEJA	III B.Sc	MECs	D. Sai Teja
15	K RAJESH	III B.Sc	MECs	K. Rajesh
16	V TARUN KUMAR	III B.Sc	MECs	V. Tarun Kumar
17	SK NAZEEM	III B.Sc	MECs	SK. Nazeem
18	S SATISH	III B.Sc	MECs	S. Satish
19	V KALYAN	III B.Sc	MECs	V. Kalyan Kumar

Scanned with

20	P RAGHU	III B.Sc	MECs	P Raghu
21	N MOHAN KUMAR	III B.Sc	MECs	N. Mohan Kumar
22	K SIVA	III B.Sc	MECs	K. Siva
23	G R K CHAITANYA	II B.Sc	MECs	Chaitanya
24	S SAI VISHWAK	II B.Sc	MECs	S. Vishwak
25	S ANIL KUMAR	II B.Sc	MECs	Anil Kumar
26	V JOHN	II B.Sc	MECs	V John
27	K PAVAN	II B.Sc	MECs	K pavan
28	E KALYAN	II B.Sc	MECs	E pavan
29	V PRASAD	II B.Sc	MECs	V Prasad
30	P AMALA	I B.Sc	MECs	P Amala
31	D SIRISHA	I B.Sc	MECs	D Sirisha
32	K NEELAVENI	I B.Sc	MECs	K. Neelaveni
33	V PRIYANKA	I B.Sc	MECs	V Priyanka
34	SK SHABANA	I B.Sc	MECs	SK. Shabana
35	B PULKI	I B.Sc	MECs	B. Pulki
36	K JAYA DURGA SANKAR	I B.Sc	MECs	K. Jaya Durga Sankar
37	G RAJESH	I B.Sc	MECs	G. Rajesh
38	T VENKATESH	I B.Sc	MECs	T. Venkatesh
39	V MANOJ KUMAR	I B.Sc	MECs	V. Manoj Kumar
40	SK RABBANI	I B.Sc	MECs	Sk. Rabbani
41	T PAWAN ~~KALYAN~~	I B.Sc	MECs	T. Pavan Kumar
42	USMAN	I B.Sc	MECs	Md. USMAN
43	SK SHAFI	I B.Sc	MECs	Sk. Shafi
44	M NAVEEN	I B.Sc	MECs	M. NAVEEN
45	K KIRAN BABU	I B.Sc	MECs	K. Kiran Babu
46	N PAVAN KALYAN REDDY	I B.Sc	MECs	N Pavan Kalyan Reddy
47	G PRASANTH SANJEEV	I B.Sc	MECs	G. Prasanth Sanjeev
48	M BHANU MURALI	I B.Sc	MECs	M. Bhanu Murali
49	P VEERABABU	I B.Sc	MECs	P. Veerababu
50	K PHANINDRA	I B.Sc	MECs	K Phanindra

P. Lilala

Signature of the Dept. Incharge

Signature of the Principal

ACKNOWLEDGMENT

Thanks to the Principal sir **Dr. Velaga Joshi** Garu, and our Departnemnt Incharge **Smt. P.Sailaja** garu and other faculty of the department. I thank to the Sri **S.Bhavani Sankar,** Executicve Engineer, Effronics, Vijayawda, **Mr.Srinivasaro** and **Mr.Suresh Kumar** garu , by their cooperation our Students get the knowledge of working the radar station with practical approach, with all the elder ones and their blessings we are successfully completed the Tour.

SRR & CVR GOVERNMENT DEGREE COLLEGE
VIJAYAWADA, KRISHAN DIST., A.P
NAAC B+GRADE(CGPA:2.60)

DEPARTMENT OF PHYSICS & ELECTRONICS

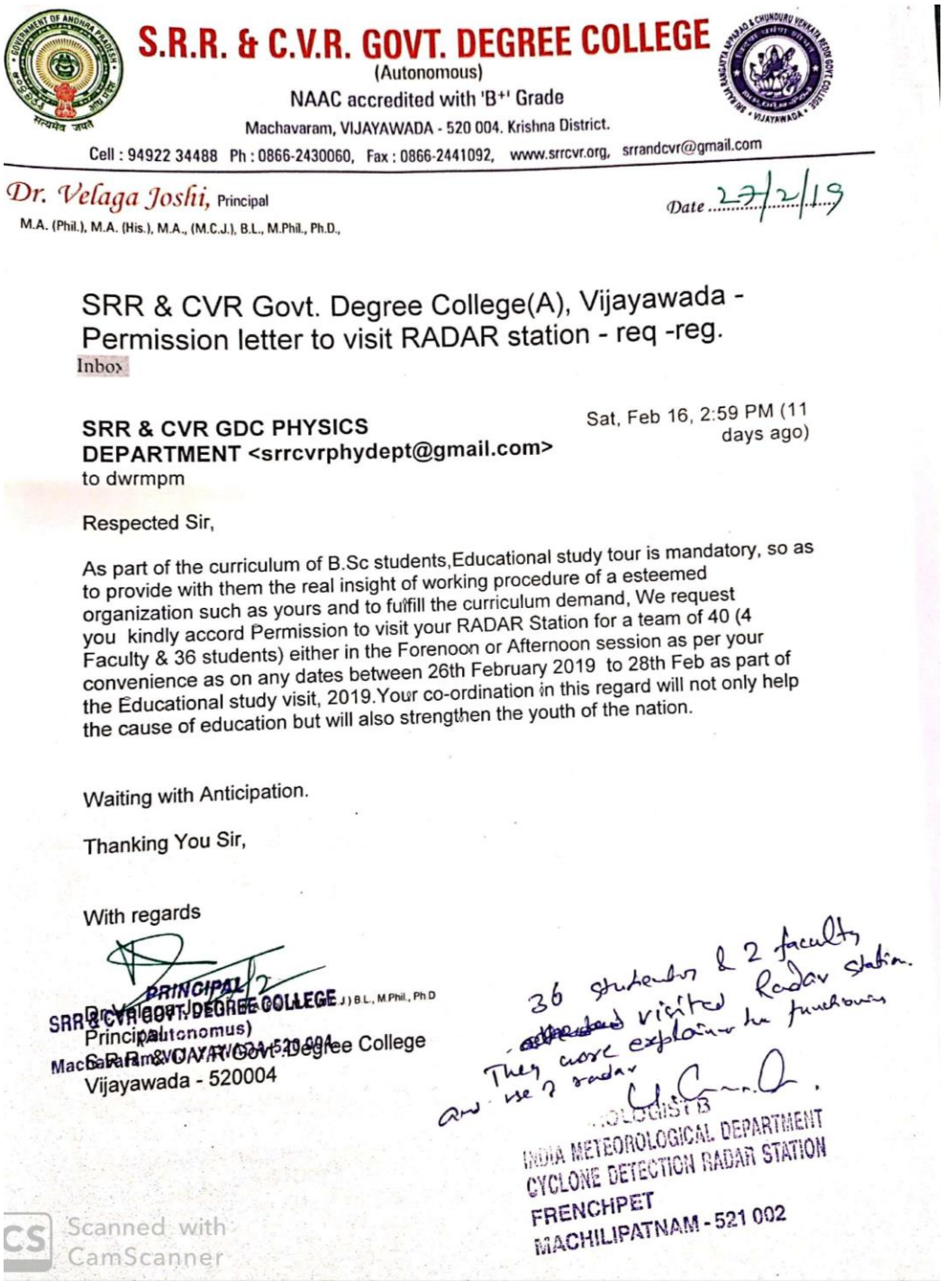
RADAR STATION

MACHILIPATNAM

(Educational Tour)

DATE: 28.02.2019

PERMISSIN LETTER



S.R.R. & C.V.R. GOVT. DEGREE COLLEGE
(Autonomous)
NAAC accredited with 'B+' Grade
Machavaram, VIJAYAWADA - 520 004. Krishna District.
Cell : 94922 34488 Ph : 0866-2430060, Fax : 0866-2441092, www.srrcvr.org, srrandcvr@gmail.com

Dr. Velaga Joshi, Principal
M.A. (Phil.), M.A. (His.), M.A., (M.C.J.), B.L., M.Phil., Ph.D.,

Date 27/2/19

SRR & CVR Govt. Degree College(A), Vijayawada - Permission letter to visit RADAR station - req -reg.
Inbox

SRR & CVR GDC PHYSICS DEPARTMENT <srrcvrphydept@gmail.com> Sat, Feb 16, 2:59 PM (11 days ago)
to dwrmpm

Respected Sir,

As part of the curriculum of B.Sc students,Educational study tour is mandatory, so as to provide with them the real insight of working procedure of a esteemed organization such as yours and to fulfill the curriculum demand, We request you kindly accord Permission to visit your RADAR Station for a team of 40 (4 Faculty & 36 students) either in the Forenoon or Afternoon session as per your convenience as on any dates between 26th February 2019 to 28th Feb as part of the Educational study visit, 2019.Your co-ordination in this regard will not only help the cause of education but will also strengthen the youth of the nation.

Waiting with Anticipation.

Thanking You Sir,

With regards

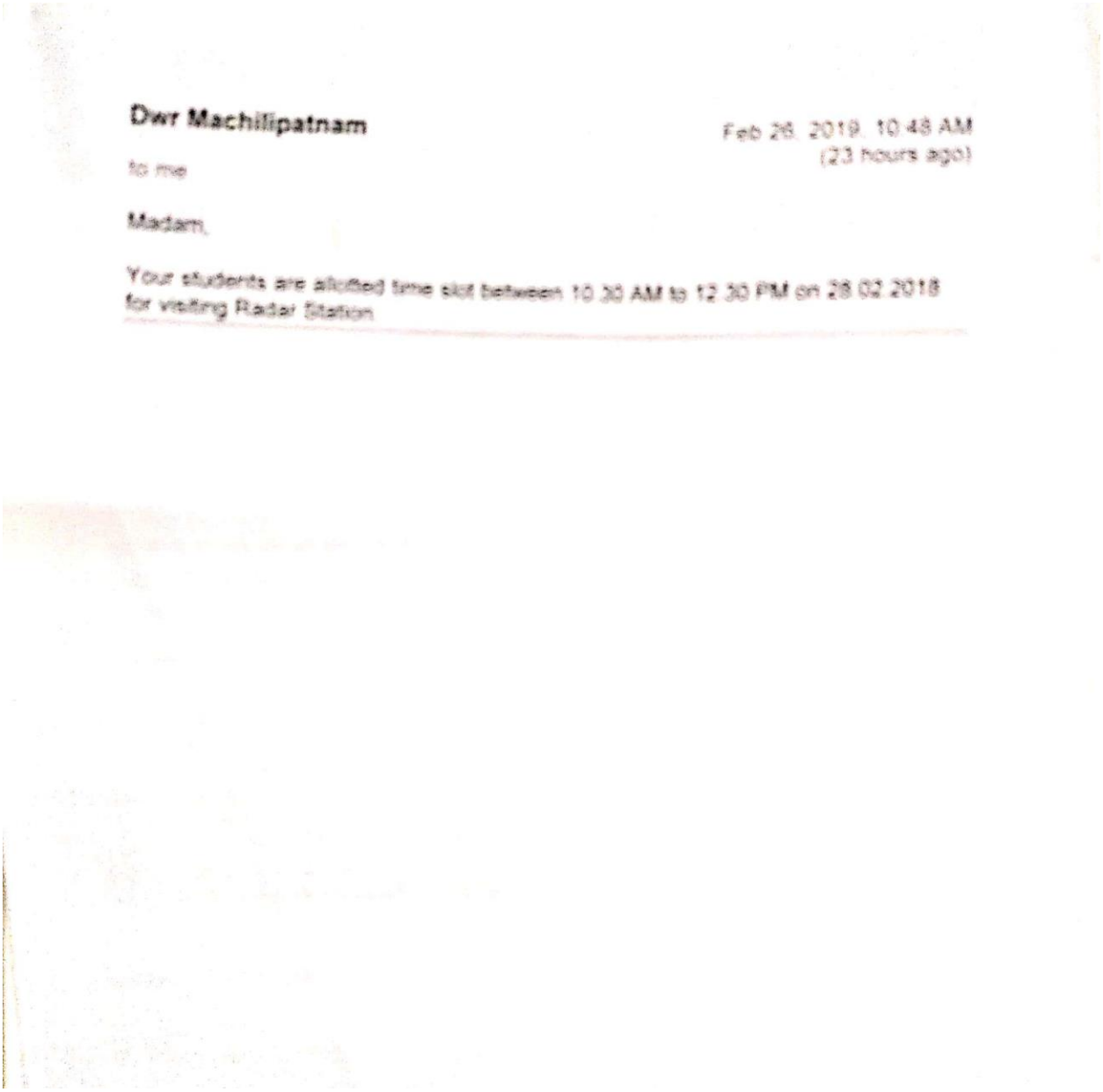
PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
Principal
S.R.R. & C.V.R. Govt. Degree College
Vijayawada - 520004

36 students & 2 faculty attended visited Radar station. They were explained the functions and use of radar

INDIA METEOROLOGICAL DEPARTMENT
CYCLONE DETECTION RADAR STATION
FRENCHPET
MACHILIPATNAM - 521 002

Scanned with CamScanner

ACCEPTANCE MAESSAGE



Dwr Machilipatnam Feb 26, 2019, 10:48 AM (23 hours ago)

to me

Madam,

Your students are allotted time slot between 10.30 AM to 12.30 PM on 28.02.2018 for visiting Radar Station

REPORT

A VISIT TO RADAR STATION MACHILIPATNAM.





Student Feed Back:

In our B.SC life, now we have stepped into our final year which is very precious for us and we believe in and dying for only four things.

- ***Gaining knowledge***
- ***Hard work***
- ***success***

As a way to reach all these three goals, we and our beloved faculty planned to go to radar station to have a practical look about - How radar systems are working? First time when we students heard that we are going to radar station our souls are very excited and bloomed with happiness. It was for the first time that all our friends without any failure in the total strength are going to have a short journey and we dreamed that' ***we will rock the tour'***. We science students are the followers of ***Dr. A.P.J.Abdul Kalam*** who messaged us that ***"DARE TO DREAM, DIE TO ACHIEVE IT".*** so we dreamed and met the success.





The presentation given by ***Mr. Y.Srinivasa Rao*** and **Mr.Suresh Kumar** about radar systems and then practically viewed the working of radar system, we are very much of inspired and gain the knowledge on detection the cyclones, their wind range and rainfall, measuring humidity.

DETAILS OF VISIT TO RADAR STATION:

- **Department attended** : **PHYSICS & ELECTRONICS**
- **Students attended** : **III B.Sc students (MPC, MPCs & MECs)**
- **Strength of the students** : **35**
- **Date of Journey** : **28-02-2019 (Thursday)**
- **Faculty guided the students** : **Sri.B.Rajasekhar & Sri.Sai Balaram Physics Department**

OBJECTIVE :

We went to RADAR STATION located at Machilipatnam as a Educational tour, to increase our practical knowledge about RADAR SYSTEMS which are part of their academics. Particularly we learned about cyclone detection, weather forecasting etc., as the radar station we went is related to meteorological department.

Student Feed Back:

In our B.SC life, we have stepped into our final year which is very precious for us and we believe in and trying for only four things.

- ***Gaining knowledge***
- ***Hard work***
- ***success***

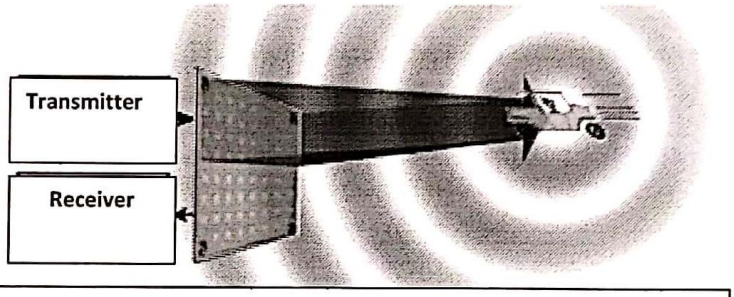
As a way to reach all these three goals, we and our beloved faculty planned to go to radar station to have a practical look about - How radar systems are working? First time when we students heard that we are going to radar station our souls are very excited and bloomed with happiness. It was for the first time that all our friends without any failure in the total strength are going to have a short journey and we dreamed that' ***we will rock the tour'***. We science students are the followers of ***Dr. A.P.J.Abdul Kalam*** who messaged us that ***"DARE TO DREAM, DIE TO ACHIEVE IT".*** so we dreamed and met the success.

Let's have a look what we learned in the radar station.

STUCTURE AND EXPLANAITON OF RADAR SYSTEMS:

One of the finest examples for our technological development was RADAR which is an acronym of ***"RAdio Detection And Ranging"*** and developed by Hein rich hertz where a radio wave could be reflected back from solid objects. This phenomenon was invented by the scientist by observing an owl which emits waves for its travelling purpose. This radar systems has so many applications like in the fields of aviation, military, meteorology, geology etc.,

The main principle of radar system is that it will have transmitter which generates an electromagnetic signal that is radiated into space by an antenna to reach the target. The transmitted power is intercepted by the target and radiates the signal in many directions which are collected by the radar antenna, which delivers it to receiver. By thus we detect the target.



Basic function of the radar system

Here similarly we send the electromagnetic signal from the transmitter which will be radiated into the space by an antenna which will detect the (target) clouds, cyclones or strong winds. By this the radar will detect the cyclones and gives us weather forecasting.

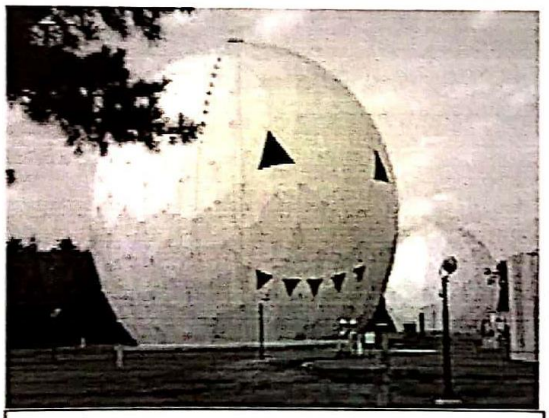
The radar station we went is related to meteorological department and in India we are having so many radar stations for which ***pune*** is the head office and in Andhra Pradesh ***vizag and Hyderabad*** are the head offices. There is more than 500officers working under this department. There are so many positive geographical supports for machilipatnam to construct a radar station one among them are it is located at the coastal line. In meteorological department generally by using radar station we can observe 8 aspects they are

- humidity
- pressure

- rainfall
- temperature
- cyclones
- wind flowage direction
- gas intensity in air
- clouds

Now coming to Bandar radar station here we can see the working of radar systems for the detection of cyclones, behavior of clouds, rainfall, weather reports...etc.,

To detect all the above we need a radar system called Doppler radar system (antenna) which is German made radar (2004) and it will detect the cyclones up to the range of 500kms. This Doppler antenna is covered by a big egg like structure shield called as ***RADOME*** which is ***prepared by fiber material***. The basic function of a radome is to form a protective cover between an antenna and the environment with minimal impact of the electrical performance of the antenna. Though it's raining heavily radome will protect the antenna because of its **hydrophobic surfaces.**



Hey...! I am the Radome. I give shelter for the rotating antenna

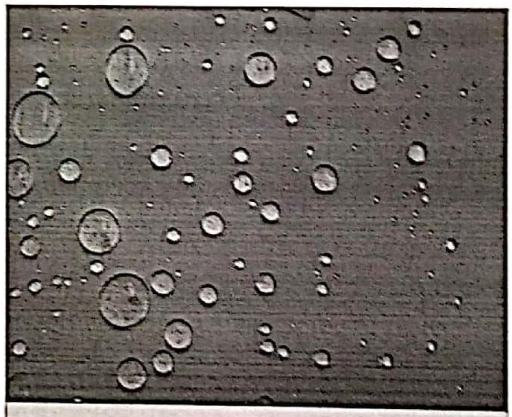
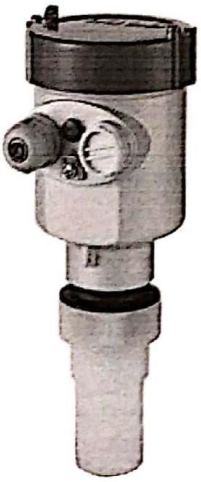


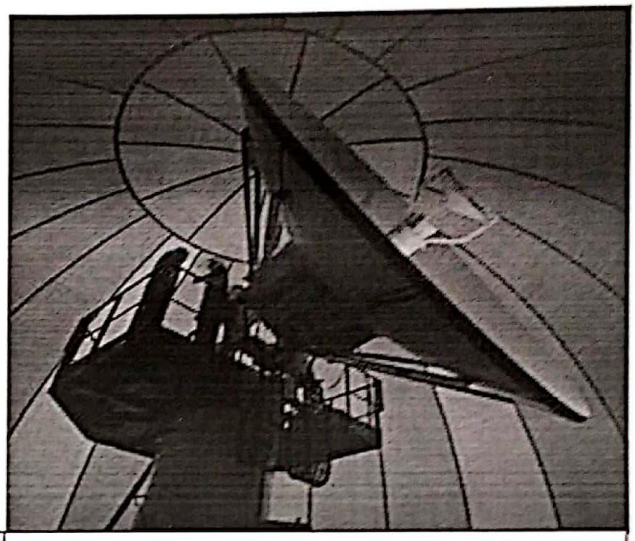
Figure 10: Hydroplobic surfaces cause water to bead, minimizing impact to RF performance under wet conditions.

This Doppler CW antenna will be rotating itself in 360°and radiating electromagnetic waves. it will rotate in the 0° and radiates some waves, then it will shifts its angle to 1° and radiates waves, again it shifts it position to 2° and radiates... it will continue this process till it reaches an angle of 21°, radiates waves there and again comes back to 0° position. We have to

maintain air conditioners to control the effect of radiations emitted during the emitting of waves by antenna. The equipment with which it is rotating is shown in the picture a



Rotating equipment



INTERNAL VIEW OF ANTENNA UNDER THE RADOME COVER

ROLE OF RADAR STATION IN DIFFERENT WAYS:

IN DETECTING CYCLONES:

We use radar in detecting cyclones. Particularly we use Doppler radar which has the capability to detect the cyclone up to **500kms** where we use X-band, S-band, C-band... etc., Here the transmitter will radiates with **a frequency of 2.87GHz and output power as 750kwatts by using klystron amplifier.**

IN MEASURING HUMIDITY:

We use radar in measuring humidity also.

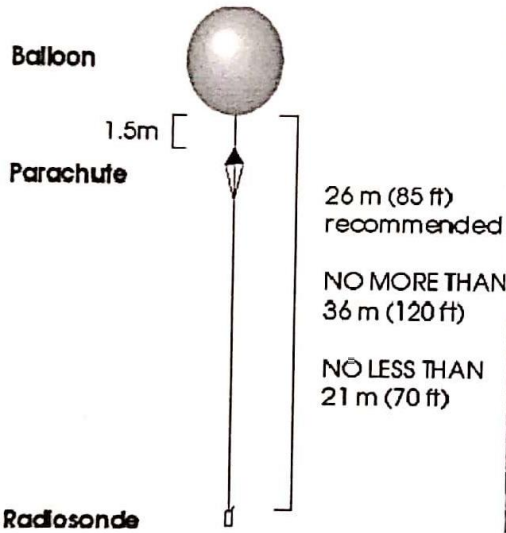
IN RAINFALL ANALYSIS:

We use radar system to analysis about rainfall. It will indicate the rainfall in color pattern. Rainfall detection will be done up to **150kms range.**

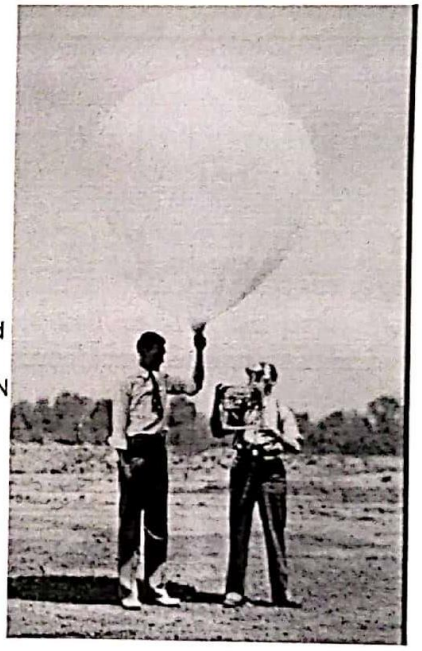
- **RED - heavy**
- **WHITE - average**
- **GREEN - poor rainfall**

IN DETECTING THE WIND INTENCITY:

Here for the detection of direction of wind we use radio sonde or balloon observation for measuring upper wind direction. By using this **balloon** we can know the intensity of the wind and direction of the wind.



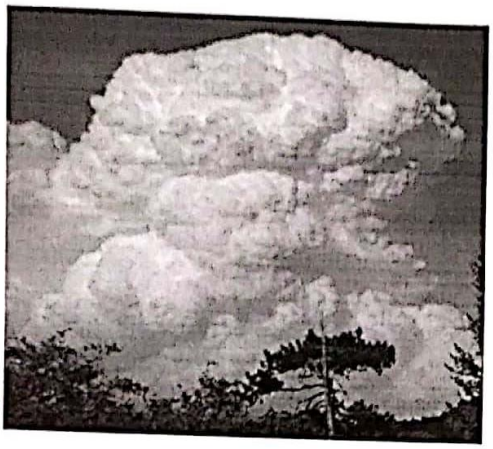
Balloon used for detecting the wind direction & intensity

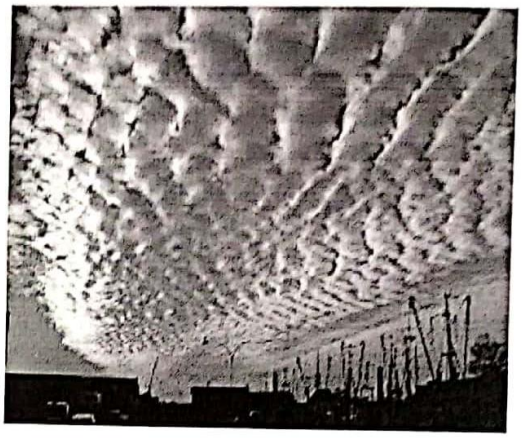


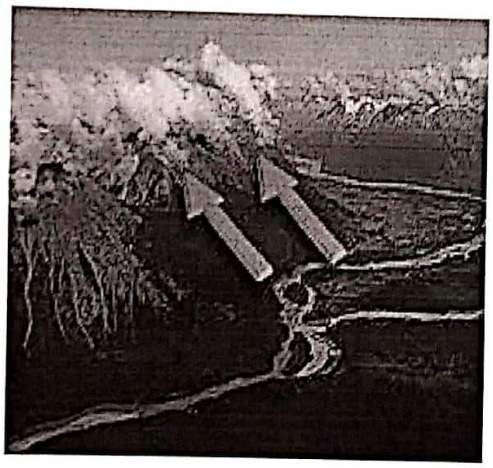
Method of using the ballon

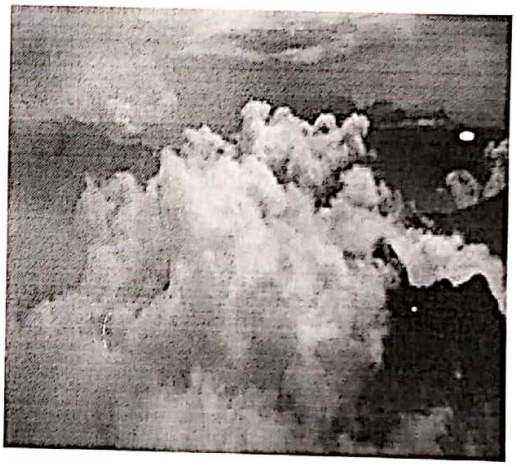
IN ANALYSING THE CLOUD FORMS:

Different forms of clouds are analyzed using radar systems. There are different forms of clouds which we can see here









Thus we have a practical knowledge about radar systems which is one of the academic subjects.

Now we are out of the radar station at around 12.30pm and we had a delicious lunch with so many dishes which was arranged by Department. After having lunch we returned by the train to Vijayawada safely.

Thanks to the **Principal sir Dr. Velaga Joshi Garu**, and our Departnemnt Incharge P.Sailaja garu and other faculty of the department. I thank **to Mr.Srinivasaro and Suresh Kumar garu , by their cooperation our Students get the knowledge of working the radar station with practical approach,** with all the elder ones and their blessings we are successfully completed the Tour.

SRR & CVR Government Degree College (A), Vijayawada – 520004

Department of Physics & Electronics – Educational Tour

All the III B.Sc (MPC, MPCs & MECs) 36 students are attended the "Education Tour" to "RADAR Station" at Machilipatnam on 28th Feb. 2018 along with 2 Faculty members.

Sl.No.	Name of the Student	COURSE	Group	Signature of the Student
1	K. ADHI BABU	III B.Sc	MPC(TM)	K. Adhi babu
2	V. LAXMAN RAO	III B.Sc	MPC(TM)	V. Laxman
3	T .VENKATESH	III B.Sc	MPC(TM)	T. Venkatesh
4	E. VENKATESWARA RAO	III B.Sc	MPC(TM)	E. Venkateswara Rao
5	SK. NABEEN VALI	III B.Sc	MPC(EM)	Sk. Nabeen
6	P. RAJESH	III B.Sc	MPC(EM)	P. Rajesh
7	P. NARENDRA KUMAR	III B.Sc	MPC(EM)	P. Narendra kumar
8	M. ARUN KUMAR	III B.Sc	MPC(EM)	M. Arun kumar
9	V .RAJA NAIK	III B.Sc	MPC(EM)	V. Raja naik
10	G. SURESH	III B.Sc	MPC(EM)	G. Suresh
11	K. VENKATA SAI NATH	III B.Sc	MPC(EM)	K. Venkata
12	CH. KOTESWARA RAO	III B.Sc	MPC(EM)	Ch. Koteswara
13	K. RAMEH	III B.Sc	MPC(EM)	K. Rameh
14	N. VFELANGANI RAJ	III B.Sc	MPC(EM)	N. Raj
15	T. SATISH	III B.Sc	MPC(EM)	T. Satish
16	D. DURGA RAO	III B.Sc	MPC(EM)	D. Durga Rao
17	V. TEJA	III B.Sc	MPC(EM)	V. Teja
18	P .VENKATA DURGA RAO	III B.Sc	MPC(EM)	P. Venka
19	N. ANAND KUMAR	III B.Sc	MPC(EM)	N. Anand

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20	P. VENKATA RAMANA	III B.Sc	MPC(EM)	P.V.Ramana.
21	S. VENKATA BALA KRISHNA	III B.Sc	MPC(EM)	S.V.Balakrishna
22	V. KIRAN	III B.Sc	MPC(EM)	V. Kiran
23	CH. VENKATA RAO	III B.Sc	MPC(EM)	Ch. Venkataraao
24	Y .VARUN	III B.Sc	MPC(EM)	Y. Varun
25	CH. VASU	III B.Sc	MPCs	Ch. Vasu.
26	P.HARI KRISHNA	III B.Sc	MPCs	P Hari. krishna.
27	J.HEMANTH	III B.Sc	MPCs	J. Hemanth
28	J.RAVINDRA	III B.Sc	MPCs	J. Ravindra.
29	U.SURESH	III B.Sc	MPCs	U. Suresh.
30	J.BHASKAR	III B.Sc	MPCs	J Bhaskar.
31	M.VIKRAM	III B.Sc	MPCs	M. Vikram.
32	CH.GANESH	III B.Sc	MPCs	C.H. Ganesh.
33	B.SURYA PRAKASH	III B.Sc	MPCs	B. Surya Prakash.
34	K.GOUTHAM	III B.Sc	MPCs	K.G
35	G.DURGA RAO	III B.Sc	MPCs	G. Durga Rao.
36	V.KALYAN	III B.Sc	MECs	V. KALYAN

P. Silada

Signature of the Dept. Incharge

Signature of the Principal

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomus)
Machavaram, VIJAYAWADA - 520 004

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MEMORANDUM OF UNDERSTNDING (MOU)

Between

CYCLONE DETECTION RADAR STATION, MACHILLIPATNAM

AND

DEPARTMENT OF PHYSICS & ELECTRONICS, SRR&CVR GOVERNMENT DEGREE COLLEGE(A),VIJAYAWADA

This Memorandum of Understanding is entered into the 27th day of February in the year of 2019 by and between Cyclone Detection Radar Station, Machillipatnam, a government Organization which provides weather forecast services to Government institutes

And

Department of Physics & Electronics, SRR&CVR Government Degree College (Autonomous), Vijayawada(herein after referred to as SRR) affiliated to Krishna University,accredited at B+ by NAAC in cycle III with CGPA 2.60 and offering around forty UG,PG and Foreign Languages courses.

This agreement made with mutual understanding of both parties stating that the radar station will provide guidance to our students in projects and transfer knowledge about weather forecasts and guide them in Projects. Our department opted for Renewable energy cluster with Wind, Solar, Ocean and Wave technologies papers for final year B.Sc students. Cyclone detection radar station, Machillipatnam may conduct workshops, trainings, internships to our students to meet the objectives of SRR.

1. **Objectives of the MoU**

   The objectives of this MoU are as follows:

   A. Planning for training programs to create awareness in students in ongoing Weather Services.

   B. Evolve the methods for training and guidance

   C. Co-operation and sharing of resources for the benefit of both the institutions.

2. **Areas of Collaboration**:

   A. SRR &CVR Government Degree College acts as student resource center for training in weather services.

   B. Planning, implementation and conduct of training programs in weather services at SRR & CVR Government Degree College.

   C. Radar station can organize guest lectures and Campaigns for students.

   D. Radar station can help students and Faculty to conduct projects for the benefit of B.Sc students.

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3. **Modes of collaboration:**
   A. Arranging guest lectures, interactive sessions, video lessons and other appropriate modes mutually agreed upon.
   B. Training sessions and workshop
   C. Any other suitable modes of collaboration.
4. **Co-ordination:**
   Both Cyclone Radar Station and SRR will be responsible for the co-ordination and implementation of this MoU.
5. **Duration of the MoU:**
   The duration of this MoU will be for two years from the date this MoU has come into effect as specified in the first paragraph and can be extended for another two years with the mutual written consent of both the institutions.
6. **Signed in Duplicate:**
   The MoU is executed in duplicate with each copy being an official and legally valid document. This is signed by the duly authorized officers of Cyclone Radar Station and SRR as given below and this MoU comes into effect from the date and year mentioned above.

On the behalf of Cyclone Radar Station, Machillipatnam Signed by: Director Cyclone Radar Station, Machillipatnam Seal:	On the behalf of SRR&CVR Govt. Degree College (Autonomous) Vijayawada Signed by : PRINCIPAL SRR & CVR GOVT. DEGREE COLLEGE (Autonomous) Machavaram, VIJAYAWADA-520 004. Dr.Velaga Joshi, Principal SRR&CVR Govt. Degree College(A) Vijayawada Seal:

ACKNOWLEDGMENT

Thanks to the **Principal sir Dr. Velaga Joshi Garu**, and our Department Incharge P.Sailaja garu and other faculty of the department. I thank **to Mr.Srinivasaro and Suresh Kumar garu, by their cooperation our Students get the knowledge of working the radar station with practical approach,** with all the elder ones and their blessings we are successfully completed the Tour.

S.R.R.& C.V.R GOVT.DEGREE COLLEGE

Department of Biochemistry 2019

Field visit to ICAR IIOPRC at Pedavegi, W.G Dt. (27-07-2019)

Students participated: Students of I, II, III BSc. Biochemistry

Place of visit: Indian Council of Agriculture Research -Indian Oil palm Research Center

Date of Field Visit: 17-07-2019.

The field trip was designed to introduce UG students to the research center, how the research center serves the public and carries out research in all respects related to the center's objectives. And to teach the students how a research centre fulfils its aims of being a platform for research, debate, and dissemination of information.

The students of the department of biochemistry have taken to field trip to **ICAR IIOPRC at Pedavegi, W.G Dt.**, The faculty and students of the department of biochemistry SRR&CVR (A) were accommodated at the training hall and given a lecture by Dr.M.V.Prasad principal scientist, IIOPR about the palm oil harvesting, marketing, and nutritional importance. Next, The faculty and students were taken to the molecular biology lab where Dr. Kalyan babu senior scientist demonstrated molecular biology techniques followed in selecting dwarf and high yield plants.

PCR, RT PCR techniques Gel DOCK technique principles were explained, and the operation was presented to students. Next, the students were taken to the soil analysis lab and got familiarized with testing different minerals. The students were taken to a mini theater where a short film on IIOPR activities was visually introduced. It was an incredible journey where students have interacted with scientists in the institute with great enthusiasm

S.R.R.& C.V.R GOVT.DEGREE COLLEGE

Department of Biochemistry 2019



S.R.R. & C.V.R. GOVT. DEGREE COLLEGE
(Autonomous)
NAAC accredited with 'B⁺' Grade
Machavaram, VIJAYAWADA - 520 004. Krishna District.
Cell : 94922 34488 Ph : 0866-2430060, Fax : 0866-2441092, www.srrcvr.org, srrandcvr@gmail.com

Dr. Velaga Joshi, Principal
M.A. (Phil.), M.A. (Ita.), M.A., (M.C.J.), B.L., M.Phil., Ph.D.,

Date 22/07/2019

To

The Director
Indian institute of palm oil research
Pedavegi
Near Eluru
West Godavari district
AP

Respected sir,

Sub: Request for permission to visit Indian Institute of Palm Oil Research by BSc Biochemistry students of SRR&CVR GOVT degree college (A) Vijayawada on a proposed date of 27th July 2019.

To give the students a live experience of research & development carried out at your research centre. I am proposing an industrial visit to your Indian Institute of palm oil research centre. I therefore request you to kindly permit 30 of our students for a guided tour of your facility on 27-07-2019.

Thanking you,

Yours faithfully

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)
Machavaram, VIJAYAWADA-4.

From

Syed Vazeeha Thahaseen
Incharge of Department of Biochemistry
SRR & CVR Govt Degree College(A)
Vijayawada.
Mobile:9948740949
vazeehathahaseen4099@gmail.com

S.R.R.& C.V.R GOVT.DEGREE COLLEGE

Department of Biochemistry 2019



Students visiting the Molecular biology lab and knowing about the principle and procedure Gel documentation and image analysis.



S.R.R.& C.V.R GOVT.DEGREE COLLEGE

Department of Biochemistry 2019



Students were interacting with the scientists at the institute.



S.R.R.& C.V.R GOVT.DEGREE COLLEGE

Department of Biochemistry 2019

Acknowledgment: First, we thank our principal Dr. Velaga Joshi for permitting us to visit the research center.

We thank the Director and Co-scientists for giving this great opportunity of field visit to the center and encouraging the students towards research in agriculture.

Sd V Tahaseen

Lecturer in Biochemistry

FIELD VISIT

30/7/19

The dept. of Biochemistry conducted a field trip to Indian Institute of oil palm research, Pedavegi, East Godavari dt. The students of II B.Sc, III B.Sc MBC are taken to the research centre by train route. There Dr. M.V prasad principal scientist, Dr. B. Kalyan Babu senior scientist interacted with students and discussed about cultivation of Palmoil Sapling, Uses of palmoil waste Material, and also explained the nutritional values.

Students visited the chemical analysis lab, water, soil testing lab and finally Museum and learned many things.

Dr. Kalyan explained about genome of plants PCR techniques, identification of drawing plants gens. and cultivating especific varieties etc.

It enhanced student enthusiasm towards research.

G. Nagalakshmi
M. Ratna kumari
S. keerthi
B.S. ketharin
A. Pravan chanda

III rd B.Sc (MBC) Nagalakshmi
III rd B.Sc (MBC) M. Ratnakumari
III rd B.Sc (MBC) S. keerthi
III rd B.Sc (MBC) B.S. ketharin.
III rd B.Sc [MBC] A.

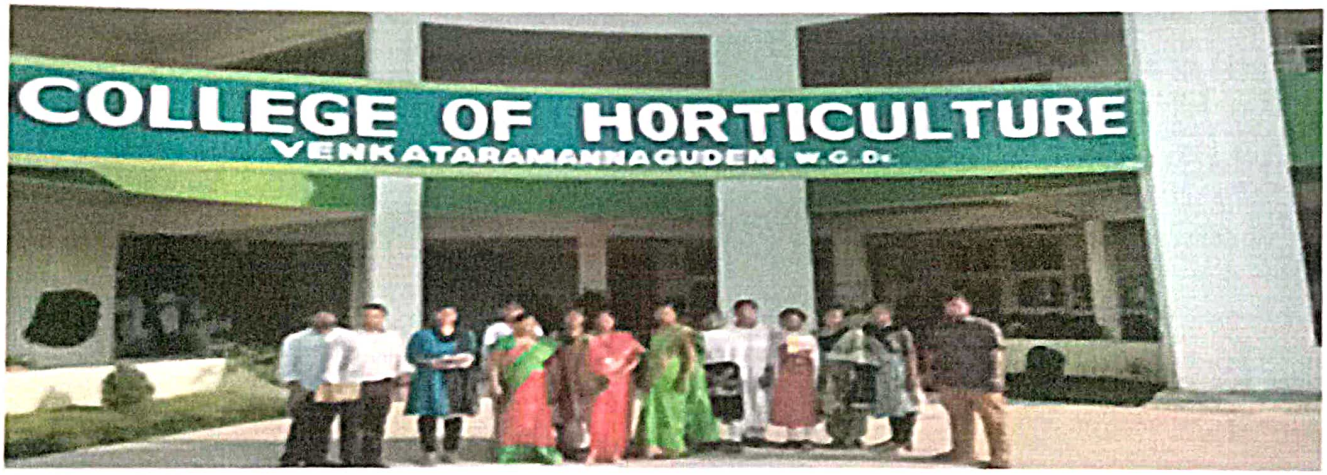
M.T.S Sindhu.
P. Aruna kumari.
A. Jyothika.
G. Nagalakshmi.
D. Sai sree.
B.S. Kethewin
B G. Ganesh
K. Durga.
G. Mani
G. Manoj kumar.
D. Rathnaprasad
K. Anusanthosh
N. Nagaraju.
K. Sravankumar
S. Keerthi
P.N. Tirupathamma
D. Manasa
K. L. Prasanna.

P. Lavanya
M. ANOSHA.

E. Divya Keerthana	1st B.Sc (MBC)	~~Keerthana~~ E
T. Durga Amalprasad	1st B.Sc (MBC)	T D Amalprasad
Ch. Grace Mani	1st B.Sc (MBC)	Chgracemani

Department of Botany SRR & CVR Govt DegreeCollege Organized a two day Field trip /Botanical tour to DR YSR Horticultural University , venkataramannagudem, west godavari District on on 12.2.2020 & 13.2.2020.We started from college at 08.00 am in Bus and reached University by 10.30 am.

Motive of this program: This tour Provides students Onsite, practical and real time experience , real time cases . Creating awareness on the horticultural propagation methods of flowering and fruit crops Grafting, Tissue culture techniques and Protected Green houses, Shade nets and Polyhouse cultivation .



Tour Report :

Botany Students and Faculty Visited Krushi Vignan Kendra functioning under this University providing frontline Extension Services through technology assessment & refinement, frontline demonstrations, vocational training and other extension activities to cater to the needs of Botany Students .

Faculty and Students explored the various units of Krushi Vignan Kendra like Azolla Biofertilizer Unit, Vermicomposting Unit , Api Culture Unit, Organic Farming firms with the assistance of Guide Mr RaviTeja, Farm Manager allotted from Krushi Vignan Kendra.

SRR & CVR Government Degree College

Machavaram, Vijayawada, Krishna District, AP: 520 004



DEPARTMENT OF BOTANY

Dates	12.02.2020 - 13.2.2020
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.	Department
Nature of activity (seminar/Workshop/Extn. Lecture etc.	Field Visit/ Botanical Tour
Title of the Activity	Field Visit
Name of the Department/Committee	Department of Botany
Details of Resource Persons (Name , Designation etc.,)	B.SC BZC Students
No of students participated	25
Name of the Lecturers who planned & conducted the activity	Planned and Organized by Mrs D.Jyothi Lecturer In Charge Ms V. Nagalakshmi , Lecturer in Botany
Remarks	This Medicinal Plants Drive activity was a huge success and got all student, faculty and Public support and suggestions

Students and Faculty Visiting Azolla Culture units



Guide explained to students the functionalities and process of various subunits by showing the units . Mr Raviteja Farm manager explained about the following thrust Areas of Research like 1. Increasing Productivity. 2. Sustaining productivity under biotic and abiotic stresses .3. Improving nutritive value and food safety. 4. Environment Protection.5. Increasing Profitability to farmers.6. Export Promotion. 7. Minimization of post harvest losses, 8. Processing and value addition.



Scientist Dr Subbaiah Garu Explaining the process of farming methods



Students and faculty exploring the flowering crops

Skilled experts working in Fields explained to students about the Organic farming processes crop wise (Tomato, Tobacco, Mirchi) , composition of Ghana Jeevamrutham, Drava Jeevamrutrham , the way of applying fertilizers and the types of insect traps etc.



Students explored the Green Houses , Poly Houses , Shady nets and observed the technology using there and also Visited Soil and Water Testing Centers and learned the functionality and processes over there.



Students and faculty Exploring Green Houses , Polyhouses and Shade Nets

Students and Faculty visiting Biomanure units and learning the process

Scientist Dr Venkata Subbaiah Garu explained to the students about cultivation of various flowering and fruit crops . He also showed the process of various types of Grafting procedures and tissue culture procedures.

Students visited Various types of Green Houses , Polyhouses , Shadnets and learnt the procedure of Protecting and growing vegetables and flowering plants in controlled conditions by controlling Temperature, sunlight and humidity .



Staff and students for two days (12.2.2020 & 13.2.2020) and after exploring all the primary training Centers in University returned back to Vijayawada .



The tour was very informative and beneficial to Botany students .

SRR & CVR Government Degree College

DEPARTMENT OF BOTANY

LECTURER IN CHARGE
Dept. of Botany
SRR & CVR GOVT. DEGREE COLLEGE
VIJAYAWADA-4, Krishna Dist.



STUDENT SIGNATURES AND FEEDBACK

S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
1.		II BZC	21317207	K. Mounika	beneficial
2.		II BZC	21317201	A. Prasanth	USEFUL
3.		II BZC	21317209.	T. Lavanya.	Got awareness.
4.		II BZC	21317205	K. Jagadeesh	use ful.
5.		II B.Z.C	21317206	T. Mrudula	Good.
6		II BZC	21317212	P. [illegible]	Got Awareness
7.		II BZC	21317204	Devi Nagachiri	Beneficial
8		II B.Z.C	20311205	Mounika	Good
9.		II BZC	20311223	Naik. Baji	Useful
10		III BZC	20311003	[signature]	Good.
11		III BZC	20311216	P. Jaji	Good
12		II B.Z.C	20311008	P. [signature]	Good
13		II BZC	20311213	M Gayathri	Good
14.		III BZC	20211227	[signature]	Good.
15		III BZC	20311225	[signature]	Good



SRR & CVR Government Degree College

An Autonomous & ISO 9001: 2015 Certified Institution :: Ranked by NIRF in 101-150 band of NIRF 2019 ::
Machavaram, Vijayawada, Krishna District, AP-520 004

DEPARTMENT OF BOTANY

Date of Activity	29.1.2020 to 1.2.2020
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.	Department of Botany
Nature of activity (seminar/Workshop/Extn. Lecture etc.	Study Tour
Title of the Activity	Study Tour to Madras University
Name of the Department/Committee	Department of Botany
Details of Resource Persons (Name , Designation etc.,)	Department of Botany and Microbiology Faculty
No of students participated	25
Name of the Lecturers who planned & conducted the activity	D.Jyothi, In Charge Dept of Botany G.V. Vara Lakshmi, Lecturer in Botany V. Naga Lakshmi, Lecturer in Botany
Remarks	This Study tour to Madras university was very much beneficial informative and more beneficial to the students and students participated in this with much enthusiasm

JAN 2-11-2020

EDUCATIONAL TOUR.

The Department has organized Educational tour to CHENNAI MADRAS UNIVERSITY CENTRE FOR ADVANCED STUDIES IN BOTANY from Jan 29th to Feb 01 2020

The students are exposed to extensive research in the areas of Algology, pathology, Virology Instrumentation.

They have visited central library, Birla Planitorium

Faculty

1. D. JYOTHI
2. P. Dorcas Anand.

students.

1. A Madhu Niharika — A. Madhuniharika.
2. B. Kalyan Rao. — B. Kalyan Rao
3. P Sucharitha Swajale.
4. T. Aruna Vasantha.
5. G. Naga Raju
6. J. Sai Krishna.
7. Sai Ram. — Sai Ram
8. P. Madhavi
9. G. Gopi.

Report:

Department of Botany Organized 3 Day Educational tour to Madras University center for advanced studies in Botany from 29.1.2020 to 1.2.2020 . Students got awareness in advanced research areas like virology, Algology , Mycology Plant pathology , Biotechnology and instrumentation . They visited the Central Library and Birla Planetarium also .

The University Botany Laboratory was established in 1930. Since 1933 studies of freshwater, estuarine and marine algae, their systematics, life-histories, morphology and cytology were going on . The investigations of the Department of Botany are internationally acclaimed and particularly noteworthy contributions to knowledge of the diatoms, green, red and blue green algae.

In Dept of Botany Soil borne disease of plants (including micro-ecology of soil fungi), physiology of fungi, physiology of host-parasite relationship particularly in Fusariose wilts of plants, techniques in bioassay, spectrochemical studies on uptake of ions by plants, work in vivo toxins and fungal enzymes, respiration and electrophoretic studies on plant tissues have been carried out.

In recognition of the outstanding work done in the fields of Plant Pathology and Mycology, the laboratory was elevated as a Centre for Advanced Studies by the University Grants Commission in 1964.

In 1987, the UGC identified this Centre for COSIST Assistance and under this programme many new and sophisticated instruments were purchased. Students interacted with Research scholars and associates in the Laboratory and acquired much knowledge . They explored all the equipment and laboratory works happening in the Lab . This indeed was a great inspiration to students and motivates them towards Research.

STUDENT SIGNATURES AND FEEDBACK

S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
1	1/2/20	III BTC	19311212	M.Srinivas	Useful
2	1/2/20	III BTC	19311217	Rajashekar	Helpful
3	1/2/20	III BTC	19311206	Ch.Nkuya	Useful.
4	1/2/20	III BTC	19311201	E. Narajana	Good.
5	1/2/20	III BTC	19311203	D. Nani	Good.
6	1/2/20	III BTC	19311205	Ramya Sri	Useful.
7	1/2/20	III BTC	19311213	M [illegible]	Good
8	1/2/20	III BTC	19311232	B. Bhargavi	Helpful.
9	1/2/20	III BTC	19311234	M. Sonu	useful
10	1/2/20	III BTC	19311210	G. Durga Prasad	Good
11	1/2/20	III BTC	19311211	L. Rex Dayan	Good.
12	1/2/20	III BTC	19311215	T. Venkat	Good.
13	1/2/20	III BTC	19311216	K. Bhaggyalakshmi	useful.
14	1/2/20	III BTC	19311218	M. Naveen	Good.
15	1/2/20	III BTC	19311221	P Sony	useful.
16	1/2/20	III BTC	19311223	N. Damyanthi	Good.

SRR & CVR GOVERNMENT DEGREE COLLEGE
VIJAYAWADA, KRISHAN
DIST., A.PNAAC
B+GRADE (CGPA:2.60)

DEPARTMENT OF MICROBIOLOGY

EDUCATIONAL TOUR

29TH Jan - 1st Feb

MADRAS UNIVERSITY

SRR & CVR GOVT. DEGREE COLLEGE

(Autonomous)

NAAC accredited with 'B' Grade

Machavaram, Vijayawada – 520 004, Krishna District.

Cell: 94922 34488 Ph: 0866-2430060 Fax: 0866-2441092 www.srrcvr.org srrandcvr@gmail.com

Dr. Velaga Joshi, Principal

M.A.(Phil.), M.A.(Edn.), M.A.(M.C.J.), B.L., M.Phil., Ph.D

27-12-2019

To,

The Head of the Department,

Dept. of Microbiology & BOTANY

University of Madras,

Chennai.

Dear Sir,

Sub: Requesting letter to issue permission letter to visit your department for our faculty & students of our college- regd.,

With reference to subject cited above, As part of course curriculum our students & faculty are desperately need to visit your prestigious department to upgrade knowledge & want to equip themselves to confront every challenge of present society.

I request you kindly grant permission to our team to have cutting edge knowledge. On after 26th January.

Thanking you Sir.

Yours Sincerely

No of students - 25

No of faculty - 03

Principal

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomus)
Machavaram, VIJAYAWADA - 520 004

SRR & CVR GOVT. DEGREE COLLEGE

(Autonomous)

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Machavaram, Vijayawada – 520 004, Krishna District.

Cell: 94922 34488 Ph: 0866-2430060 Fax: 0866-2441092 www.srrcvr.org srrandcvr@gmail.com

Dr. Velaga Joshi, Principal

M.A.(Phil.), M.A.(His), M.A.(M.C.J.), B.L., M.Phil., Ph.D.

To,

The Divisional Regional Manager,
South Central Region,
Vijayawada Railways,
Vijayawada.

Respected Sir,

Sub: Request for concession for education tour for students of SRR & CVR Govt degree college, Vijayawada.

The students of SRR & CVR Govt degree college are visiting Madras University as a part of Educational Tour on 30/01/2020.

No of students – 21, Girl students – 08, Boys – 11, Faculty – 02.

In this regard I humbly request you to give concession for students and faculty.

Train No 12711 towards Chennai on 30/01/2020.

Train No12712 towards Vijayawada on 01/02/2020.

Thanking you,

Yours Truly,

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)
Machavaram, VIJAYAWADA-520 004.

SRR & CVR GOVT DEGREE COLLEGE (A)

ACCEPTANCE LETTER

I I am Father/ ~~Mother~~ of B.Teja studying Bsc.MBC in SRR & CVR GOVT DEGREE COLLEGE (A), Here by giving my acceptance to send my son / ~~daughter~~ to **CHENNAI** Educational tour on 29th January to 1st Feb conducted by Dept of microbiology.

B.V.V. Prakash.
Signature of parent

B.Teja naga Sai
Signature of student

D. Jyothi
Signature of in-charge of

Dept of Botany & Microbiology

Signature of Principal

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomus)
Machavaram, VIJAYAWADA - 520 004.

SRR & CVR GOVT DEGREE COLLEGE (A)

ACCEPTANCE LETTER

I Srinivas Father/ Mother of Surya studying MBC-II in SRR & CVR GOVT DEGREE COLLEGE (A), Here by giving my acceptance to send my son / daughter to **CHENNAI** Educational tour on 29th January to 1st Feb conducted by Dept of microbiology.

G. Jyothi
Signature of parent

G. Jaya Prakash.
Signature of student

D. Jyothi
Signature of in-charge of

Dept of Botany & Microbiology

Signature of Principal

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomus)
Machavaram, VIJAYAWADA - 520 004.

SRR & CVR GOVT DEGREE COLLEGE (A)

ACCEPTANCE LETTER

I Raju.D Father/ Mother of Keerthi.D studying IInd MBC in SRR & CVR GOVT DEGREE COLLEGE (A), Here by giving my acceptance to send my son / daughter to **CHENNAI** Educational tour on 29th January to 1st Feb conducted by Dept of microbiology.

D. Raju
Signature of parent

Keerthi.D
Signature of student

D. Jyothi
Signature of In-charge of

Dept of Botany & Microbiology

Signature of Principal

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomus)
Machavaram, VIJAYAWADA - 520 004.

SRR & CVR GOVT DEGREE COLLEGE (A)

ACCEPTANCE LETTER

I Mohan Rao.B Father/ Mother of Vikyath studying IV MBC in SRR & CVR GOVT DEGREE COLLEGE (A), Here by giving my acceptance to send my son / daughter to **CHENNAI** Educational tour on 29th January to 1st Feb conducted by Dept of microbiology.

B. Mohan Rao.
Signature of parent

Signature of student

D. Jyothi
Signature of In-charge of

Dept of Botany & Microbiology

Signature of Principal

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomus)
Machavaram, VIJAYAWADA - 520 004.


SRR & CVR GOVT. DEGREE COLEGE
(Autonomous)
Machavaram, Vijayawada. 520004
Department of Microbiology & Botany
EDUCATIONAL TOUR TO CHENNAI
Date: 29th Jan - 1st Feb
Staff & Students
Dr. Velaga Joshi
Principal

EXPERIENCES OF STUDENTS ABOUT EDUCATIONAL TOUR TO CHENNI

s



DEPARTMENT OF BOTANY & MICRO BIOLOGYMADRAS UNIVERSITY ---EDUCATIONAL TOUR



On 30th January, 2020, 30 students with 2 teachers went to MADRAS UNIVERSITY GUINDY CAAMMPUS with an aim to visit the DEPARTMENT OF BOTANY& MICROBIOLOGY. The objective of this trip was to get to know university in more details in terms of the instrumentation and exposure to the different applications .We went to different departments of Botany including plant pathology, microbial and metabolites lab ,mycology lab ,algal lab ,fungal lab. we saw the instrumentation of each department mainly :Mille Q water purifier, shake incubator, centrifuge, cooling centrifuge. We are guided by host for each department who explained in detail about the particular research work going in the lab. During the tour we jotted down some notes .we came to know that there is a lot of research work going on in different aspects. We learned various things about the university ,and something that was new and beneficial to us. The trip was very helpful for thepractical knowledge which was not available everywhere.

A. MadhuNinarika
3rdB.Sc BZC

EXPERIENCE AT MADRAS UNIVERSITY



We the young gangsters of Bsc BZC and MBC have a phenomenal experience at Madras University. We took a lot of effort in the university to learn about the weird things. The atmosphere in the university is quite remarkable and amazing. We have enjoyed a lot, learnt different things and captured some funky memories. Apart from the memories that we have collected we have gathered a lot of information and read a lot of books that were present in the central library and learnt lot about the instrumentation concepts which are useful and beneficial to us.We saw algology lab and saw certain algae and performed some experiments on it. We were just amused with the research that was going on in the University. The university has just lift up on our thoughts with the research. We have visited plant pathology lab and saw different samples that were infected to plants such as tomato etc. We saw different types of instruments such as laminar air flow in which advanced research is going on. Most importantly we say the bio imaging in which it uses fluorescent property to detect the cancer cells.We also visited the central library in which there are lot of useful books to study and also there is lot of knowledge to gather. Moreover the university and professors has shown us how the university feels when we study over there. Moreover we enthusiastically performed all the activities in the university with great interest. The time has just flew away and cherished a lot of memories. The labs in the university are very magnificent and eye catching. We enjoyed a lot in travelling played some games and it was enjoyful. We have cherished a lot of memories and had a wonderful experience as a whole.As a result we not only gathered memories but also we have solidified a lot of knowledge.

G. Sai Ram
2ndB.Sc BZC



FIELD TRIP EXPERIENCE IN MADRAS UNIVERSITY

We the students of B.Sc. Microbiology & Botany departments have a experience at madras university. Taking students to an educational field trip might improve the knowledge regarding's to their own talents, skills and much more rather than they learn through looks or pictures. We visited Chennai at MADRAS UNIVERSITY to an area. The university of atmosphere is beautiful and amazing. We enjoyed a lot and we visited central Library we have collected and gathered lot of information and concepts, to gain a knowledge. Which is also a peaceful place to learn an abundant information and easy knowledge through the concept of the particular content. We can try to new things have different experiences and learn valuable life sciences lessons. Activities that happen on this university after include lectures, labs, research work and demonstration. The purpose of the research work and experience to provide occupational therapy to integrate academic knowledge. The practical experience with the help of research scholars and students remember learn and understand the subject PROF.G.N.RAMA CHANDRAN INSTRUMENTATION CENTRE will help rein force of research labs and material bringing lessons to life. Professors guided in knowledge all over view about the Institute and where the research work is going on we went the culture medias, and growth of the particular bacterias.Learning laboratories and make it possible to take students saw an high powered & bright field microscopes Algology,immunology, bacteriology, pathology laboratories certain viruses, bacteria, algae performed experiments on it. And each experience solidifies learning and important academic concepts. We enjoyed a lot .More over enthusiastic ally performed all the activities in the university. The trip was very helpful for practical knowledge which was not available any place and any where.



G. Surya Prakash
2nd B.Sc MBC



EXPERIENCE AT CHENNAI

Taking students to an educational field trip might improve the knowledge regarding their own talents, critical thinking, skills and much more rather then they learn through looks and pictures. SRR and CVR government Degree College migrate to Chennai Madras University to learn information about subject and the techniques they used. Where is the best way to help the students remember thinking and also to memorize the experience. Madras University has pleasant Outlook with all the plants and trees grown. All the way towards the labs and classrooms. All the students and professor lovable to showing the campus.First explain overview of Madras University and where the research is going on then we divided into two groups to saw Labs. Bacteria culture media, viruses and algal cultures.We saw the equipment like distillation unit, scanning electron microscope (SEM), spectroscopy and extraction of metabolites from plants. Then we moved to science museum. We saw collection of arts, human skulls, bones birds and animals skeletons. Later we moved to Chennai Central library there is a peaceful environment and so many books



D. Keerthi
2nd B.Sc MBC

are there in library. Finally we moved to planetarium where we saw physics equipment and know about planets. All the students who involved very much excited to gather the fruitful knowledge with the trip.

SRR & CVR Government Degree College

An Autonomous & ISO 9001: 2015 Certified Institution:: Ranked by NIRF in 101-150 band at NIRF-2020 & 151-200 band in NIRF 2019 NAAC accredited Institution with grade B+ with C.G.P.A 2.6 during March, 2017

Machavaram, Vijayawada, Krishna District, AP-520 004



DEPARTMENT OF BOTANY

Dates	**12.02.2020 - 13.2.2020**
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.	**Department**
Nature of activity (seminar/Workshop/Extn. Lecture etc.	**Field Visit/ Botanical Tour**
Title of the Activity	**Field Visit**
Name of the Department/Committee	**Department of Botany**
Details of Resource Persons (Name , Designation etc.,)	**B.SC BZC Students**
No of students participated	**25**
Name of the Lecturers who planned & conducted the activity	**Planned and Organized by** **Mrs D.Jyothi** **Lecturer In Charge** **Ms V. Nagalakshmi , Lecturer in Botany**
Remarks	**This Medicinal Plants Drive activity was a huge success and got all student, faculty and Public support and suggestions**

Department of Botany SRR & CVR Govt DegreeCollege Organized a two day Field trip /Botanical tour to DR YSR Horticultural University , venkataramannagudem, west godavari District on on 12.2.2020 & 13.2.2020.We started from college at 08.00 am in Bus and reached University by 10.30 am.

<u>Motive of this program:</u> This tour Provides students Onsite, practical and real time experience , real time cases . Creating awareness on the horticultural propagation methods of flowering and fruit crops Grafting, Tissue culture techniques and Protected Green houses, Shade nets and Polyhouse cultivation .



<u>Tour Report :</u>

Botany Students and Faculty Visited Krushi Vignan Kendra functioning under this University providing frontline Extension Services through technology assessment & refinement, frontline demonstrations, vocational training and other extension activities to cater to the needs of Botany Students .

Faculty and Students explored the various units of Krushi Vignan Kendra like Azolla Biofertilizer Unit, Vermicomposting Unit , Api Culture Unit, Organic Farming firms with the assistance of Guide Mr RaviTeja, Farm Manager allotted from Krushi Vignan Kendra.

Students and Faculty Visiting Azolla Culture units



Guide explained to students the functionalities and process of various subunits by showing the units . Mr Raviteja Farm manager explained about the following thrust Areas of Research like 1. Increasing Productivity. 2. Sustaining productivity under biotic and abiotic stresses .3. Improving nutritive value and food safety. 4. Environment Protection.5. Increasing Profitability to farmers.6. Export Promotion. 7. Minimization of post harvest losses, 8. Processing and value addition.



Scientist Dr Subbaiah Garu Explaining the process of farming methods



Students and faculty exploring the flowering crops

Skilled experts working in Fields explained to students about the Organic farming processes crop wise (Tomato, Tobacco, Mirchi) , composition of Ghana Jeevamrutham, Drava Jeevamrutrham , the way of applying fertilizers and the types of insect traps etc.



Students explored the Green Houses , Poly Houses , Shady nets and observed the technology using there and also Visited Soil and Water Testing Centers and learned the functionality and processes over there.



Students and faculty Exploring Green Houses , Polyhouses and Shade Nets

Students and Faculty visiting Biomanure units and learning the process

Scientist Dr Venkata Subbaiah Garu explained to the students about cultivation of various flowering and fruit crops . He also showed the process of various types of Grafting procedures and tissue culture procedures.

Students visited Various types of Green Houses , Polyhouses , Shadnets and learnt the procedure of Protecting and growing vegetables and flowering plants in controlled conditions by controlling Temperature, sunlight and humidity .



Staff and students for two days (12.2.2020 & 13.2.2020) and after exploring all the primary training Centers in University returned back to Vijayawada .



The tour was very informative and beneficial to Botany students .

SRR & CVR (A) GDC, Vijayawada

Department of Chemistry

Field Trip to SDSC SHAR on 30 & 31st Dec 2019

Report by Dr. G. Nagarjuna, Lecturer

Department of Chemistry in collaboration with department of Mathematics, Physics and Statistics organized an educational tour to all the B.Sc students in the month of Dec – 30 & 31st 2019.

- Since the goal of education is to impart knowledge to students, they gain knowledge and upgrade their skills by using the new concepts they learn from these educational tours. In addition, educational tours play an important role in educating our students in a practical and interesting manner The importance of Educational trips includes giving students the chance to¬ build closer bonds with their classmates, experience new environments and enjoy a day away from the classroom.
- The visit was planned according to the suggestions of our beloved Principal **Dr. Velaga Joshi**; **Convener: Dr. G. Lalitha**; Senior member: K.V. Nagalakshmi; Members: **Dr. G. Nagarjuna**, M.L.N.Dasu, Dr. Md. Mastan and Some of the guest faculty members.
- Satish Dhawan Space Centre or Srihari Kota Range is a rocket launch centre operated by Indian Space Research Organisation. It is one of the prestigious institutions of India where our legendary scientist Dr. APJ Abdul Kalam executed his ideas towards the development of National Space Research Programme.
- This Centre has the facilities for solid propellant processing, static testing of solid motors, launch vehicle integrati on and launch operations etc.

- The Centre has two launch pads from where the rocket launching operations of PSLV and GSLV are carried out. The mandate for the centre is (i) to produce solid propellant boosters for the launch vehicle programmes of ISRO (ii) to provide the infrastructure for qualifying various subsystems and solid rocket motors and carrying out the necessary tests (iii) to provide launch base infrastructure for satellites and launch vehicles**.**

We started from here by Bus on 30th December 2019 night to SDSC SHAR, Nellore. We visited SHAR center on 31st December 2019. The visit was started with checking at the main gate, and they won't allow mobiles to take along with us. We went to seminar hall over there, where we saw a ppt including brief history of SHAR, reasons to select that area for rocket launching and so many things.

We went to MCC (Mission Control Center), is a facility that manages space flights, usually from the point of launch until landing or the end of the mission. It is part of the ground segment of spacecraft operations.

Then we moved to launching pads. A **launch pad** is an above-ground platform from which a rocket-powered missile or space vehicle is vertically launched. The Centre has two operational orbital launch pads. The modern First Launch Pad was built in the early 1990s for the polar satellite launch vehicle. Second Launch Complex became operational in 2005 for accommodating PSLV, GSLV and GSLV Mk III launch vehicles of ISRO.

Later on we went to SPACE museum. The museum has full-scale model of PSLV and PSLV heat shield on its premises. The museum also has scaled down (one fifth in size) models of GSLV, GSLV Mk-III. Space Museum provides a tell-tale account of the Indian Space Programme from its infancy. The story of the Indian Space Programme is unfurled in six sections, comprising of history, education, technology, applications, global and the future.

I enjoyed the visit a lot, as it gave me an opportunity to understand the importance of spaceport of India and to know well about my students and their nature. I strongly recommend this type of tours would definitely help students to understand basic phenomenon in Physics and Chemistry that were used in Spacecraft operations. And it would definitely inspire students to pursue higher education in the field of space science and get employability in these kinds of highly prestigious institutions. In this contest, I felt very happy to know that some of the student determined and asserted to pursue higher studies and get themselves involved in Space Research.

Dr. G. Nagarjuna
Lecturer in Chemistry.

SDSC- SHAR Field trip on December 31st 2019





Class Room interaction about SDSC SHAR among students of III B.Sc





DEPT. OF CHEMISTRY: FIELD TRIP TO PHARMA EXPO

on 22nd November, 2019

We, the dept of chemistry organised an educational visit to **vijaya institute of technology for woman, Vijayawada** on 22.11.2019 for the B.sc Chemistry students. The Pharmaceutical expo emphasizes on various Health benefits of commonly used kitchen ingredients and different experimental methods related to separation techniques, spectroscopic methods. This tour is definitely is an experience where the students were learned as an alternative to traditional classroom based learning.



Making of Kashayam and their uses



Therapeutic potential of medicinal plants



Student feedback



Expo was very interesting. I like the way they organized different themes.

Informative and I started using natural herbs instead of medicines for common health issues.





Preparation of different plant extracts was very well explained.

We have drugs paper in final year. Definitely it is very useful for us.





Classification of drugs on therapeutic use was explained well.

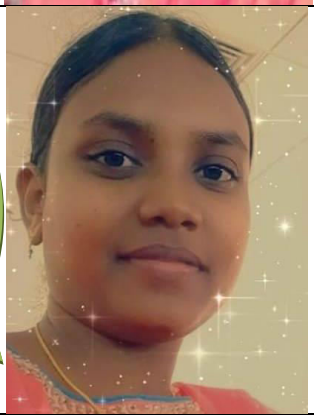
I like detailed information on different parts of our body and their functions very much





Home made soaps, moisturizers and shampoos is the part that I like most.

This expo was very informative and motivational



SRR & CVR (A) GDC, Vijayawada

Department of Chemistry

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- Satish Dhawan Space Centre or Sriharikota Range is a rocket launch centre operated by Indian Space Research Organisation. It is located in Sriharikota in Andhra Pradesh

- Satish Dhawan Space Centre (SDSC) SHAR, Sriharikota, the Spaceport of India, is responsible for providing Launch Base Infrastructure for the Indian Space Programme. This Centre has the facilities for solid propellant processing, static testing of solid motors, launch vehicle integrati on and launch operations etc.

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Dr. G. Nagarjuna

SDSC- SHAR Field trip on December 31st 2019





Class Room interaction about SDSC SHAR among students of III B.Sc





SRR & CVR GOVERNMENT DEGREE COLLEGE (A)
VIJAYAWADA, KRISHNA DIST.

A REPORT ON
INDUSTRIAL VISIT

To
KCP SUGARS, VUYYURU

Date & Time:
26- 02-2020 from 8.30 am to 3.pm

Participants:

Sri. P.B.N. Murthy (Incharge of the Dept.)
Sri. P. Murali
Smt. G. Karuna Sri
Smt. E. Sunitha
Smt. Razia Sultana
Students of BBA & B.Com

Organised by :

Department of Commerce & Management
SRR & CVR Government Degree College (A)
Vijayawada, Krishna Dist.
Andhra Pradesh

INTRODUCTION:

Educational Field Trips make the student more diligent, increase their knowledge, facilitates the learning process, and provides a special experience for students that cannot be found in books. Besides that, teachers use this to apply moral values to the students.

Keeping this in view, The Department of Commerce & Management of SRR & CVR Government Degree College arranged an Industrial visit to B.Com & BBA students on 26th February 2020 to KCP Sugar factory, vuyyuru, krishna(dist) where they got some fine knowledge of workings and management of the factory. They understood the working process of sugar production and the company's managerial strength and marketing strategies.

ABOUT KCP SUGARS

K.C.P Sugar and Industries Corporation Ltd is one of the leading sugar manufacturing companies in India. Its allied business consists of manufacturing and marketing of Rectified Spirit, Extra Neutral Alcohol, Ethanol, Incidental Cogeneration of Power, Organic Manure, Mycorrhiza Vam, Calcium Lactate, and CO2. The company has two sugar factories located in Krishna District Andhra Pradesh having an aggregate crushing capacity of 11,500 tons per day.

Vision:

To emerge as a leading sugar manufacturing unit in the state, creating growing value for the Indian economy and the company's stakeholders.

Mission:

To achieve international standards of excellence in all aspects of sugar manufacture and diversified business with a focus on customers.

To maximize the creation of wealth, value, and satisfaction for the stakeholders.

To attain leadership in developing, adopting and assimilating state-of-the-art technology for competitive advantage.

To foster a culture of participation and innovation for employee growth and contribution.

To cultivate high standards of business ethics and Total Quality Management for a strong corporate identity and brand equity.

To help enrich the quality of life of the community and preserve ecological balance and heritage through a strong environment conscience.

K.C.P. Sugar and Industried Corporation Ltd (KSICL) is producing variety of products in various fields which includes:

- Sugar
- Energy
- Rectified Spirit
- Ethanol
- Calcium Lactate
- Bio-Fertilizers
- Carbon Credits

DETAILS OF VISIT :

We started traveling from the college campus at 8.30 AM via private vehicle on 26th February 2020 with our faculties and 50 students. We reach to the KCP Sugar Industries premises at Vuyyuru within 1Hour. At the very beginning of our visit, we met the Sadiq Pasha at the entrance gate who is working for KCP Sugars as a security officer for 17 years, guided and explained to the students about the processing of Sugars at different stages.



Principal Dr. Velaga Joshi inaugurating the industrial visit programme

SUMMARY OF VISIT:

During the visit, students are divided into 2 groups based on gender. Girl students were led by the women faculty members and another group by male faculty members.

- Initially, students visited a cane carrier where the cane collected from different fields and villages will be washed twice to get fresh sugar cane juice.
- In the 1st step of the process sugar cane is cut into small pieces and loaded into milling Tendon.
- In this stage, the cane passes through 4 mills where big cylinders compress the sugar canes.
- The juice and pulp are separated after this stage.
- It is a large vertical cylindrical tank, where juice is given time for decantation, to separate the clear juice from the turbid, which still contains the mud. Juice flow is continuous.
- A device to separate the mud from the turbid juice; normally of the rotary vacuum type. Can also be any kind of pressure filter, provided with filter cloth, to let the juice pass and retain the mud on its surface.
- In the next stage A series of vessels, in which excess water from the juice is evaporated to form a more concentrated liquid, now called syrup. The vessels work in series under increasing vacuum conditions, to reduce the boiling temperature gradually as the concentration increases step-wise. This prevents overheating of juice and loss of sucrose. The vessels together form a triple-, quadruple- or quintuple-effect evaporator.
- The syrup is now transformed into massecuite (fill mass-strike-skipping), which is a mixture of grain (crystals) and mother liquor (molasses).
- A strike receiver in which the charge from the vacuum pan is stored before going to the centrifugal. Its purpose is cooling, to increase grain size and reduce sucrose left in molasses.
- A long drum-like rotating cylinder, where sugar is brought in contact with heated air, to reduce its moisture content.
- Same as a dryer, but the air is dry and cooled to reduce temperature of sugar, heated by the dryer. This is to prevent caking during storage. The combination of dryer and cooler into one body is often called a Granulator.

. The Industrial personal described the objectives of the Industry interims of production process, operations , quality control and HRM and Marketing Process Etc.., This is the good opportunity and more useful to enhance the skill of knowledge of industry and their practically

The below picture had been taken during the visit. All over India KCP has manufacturing and marketing Rectified Spirit, Extra Neutral Alcohol, Ethanol, Incidental Cogeneration of Power, Organic Manure, Mycorrhiza Vam, Calcium Lactate, and CO2. The company has two sugar factories located in Krishna District Andhra Pradesh having an aggregate crushing capacity of 11,500 tons per day.











As Per CRC

26/02/20

45

A Field Trip to KCP Sugar ~~Vijaya~~ Factory Vuyuru on 26/02/2020

Department of Commerce & Business Administration organised a feild visit to Vuyuru Sugar factory on Feb 26-2020 for I, II, IV Semester BBA & B.COM Students. KCP sugar and Industries corporation Ltd is one among the leading sugar manufacturing companies in India. Its allied business consists of manufactoring and marketing of Rectified Spirit, Extra Neutral, Alcohol, Ethond Incidental Congeneration of power, organic manure, Mycorhiza Vam, Calcium lactate and Co2. company hag two sugar factories located in Krishna District Andra pradesh having an aggregate crushing capacity of 11,500 tons perday

All the students & some of the Staff Members visited KCP sugar factory to know the procedure to prepare sugar, and Brown sugarn coith adding some chemicals for cane preservation with qualitative sugar ~~cane~~

Student name	class	signature
Ch. Naga Gowri	II BBA	Ch. Naga Gowri
V. Ramya	II B.Com	V. Ramya
P. Lavanaya	II BBA	P. Lavanaya
SK. Shahrukh Khan	II BBA	SK. Shahrukh Khan
Vandana	II B.Com (Tax)	Vandana
Venkatesh	II BBA	Venkatesh.
Abhishek	II BBA	Abhishek
Aditya	II BBA	Aditya
K. Karthik	II BBA	K. Karthik
K. Kalyan	II BBA	K. Kalyan
Ansar Basha.	II BBA	Ansar Basha.
S. Ajay.	II BBA	S. Ajay.
D. Rakesh.	II BBA	D. Rakesh
Kava Kumar	II BBA	Lava Kumar.
Vijaya Krishna	II BBA	Vijaya Krishna
Harika	II BBA	Harika
Christhu Raju	II BBA	Christhu Raju.
Dhanalakshmi	II BBA	Dhanalakshmi
Sruthi	II BBA	Sruthi
Bhargavi	II BBA	Bhargavi
Divya.	II BBA	Divya
Lahariish.	II BBA	Lahariish
K L N Sravani	I BBA	K.L.V. Sravani
A. Jainabee	I BBA	A. Jainabee
D. Sri Mahalakshmi	I BBA	D. Sri mahalakshmi
V. Sresta	I BBA	V. Sresta
V. Chaitanya	I BBA	V. Chaitanya
V. Venkat Yadav	I BBA	V. Venkat Yadav
Yuva Raju.	I BBA	Yuva Raju.

Student Name	class	Signature
B. Supriya	I BBA	B. Supriya
V. Dharanika	I BBA	V. Dharanika
N. Srinivas	I BBA	N. Srinivas
K. Dakshayani	I BBA	K. Dakshayani
P.R.V.S. Ravi Varma	I BBA	P.R.V.S. Ravivarma
V. Meghana	I BBA	v. meghana
Abdul Subhani	I BBA	Abdul. subhani
Varun Teja	I BBA	varun teja

G. Kamal

M. Sreenivasulu

B. Prathusha

E. Sudha

P.V.N. Murthy

P. Murali

B.S.N. Rao

BRIEF REPORT ON VISAKHAPATANM & ARAKU VALLEY EDUCATIONAL TOUR

CONDUCTED BY

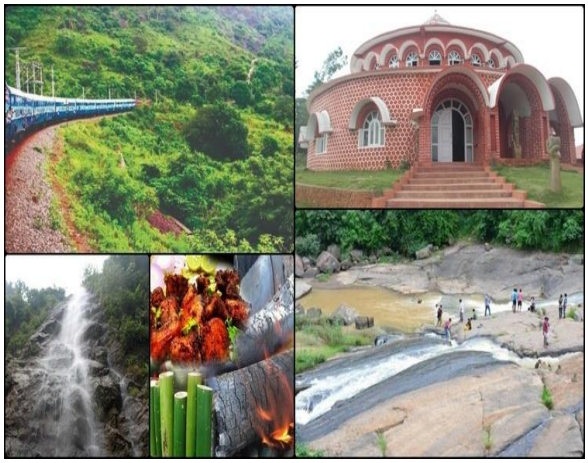
Dept's of

ECONOMICS, POLITICAL SCIENCE, HISTORY & PUBLIC ADMINISTRATION

SRR & CVR GOVT. DEGREE COLLEGE (A), VIJAYAWADA

Date: 24-02-2020 to 27-02-2020





SUBMITTED

BY



N JOHN SUKUMAR
TOUR CONVENER
HOD, DEPT OF ECONOMICS
SRR & CVR GOVT. DEGREE COLLEGE (A), VIJAYAWADA

BRIEF REPORT ON VISAKHAPATANM & ARAKU VALLEY EDUCATIONAL TOUR

Education Tour offers an opportunity for a rich immersion experience and tremendous way to facilitate learning. In educational tour, students have the chance to experience and explore much deeper level than they ever could in the class room. Therefore the Department of Economics, Political Science, History & Public Administration, SRR & CVR Govt. Degree College (A), Vijayawada, Krishna District organized an educational tour to Visakhapatnam &Araku Valley on 24^{4h} and 27^{th} February, 2020. This was a great idea of Dr. Velaga Joshi, The principal of SRR & CVR Govt. Degree College, Vijayawada. This idea implemented by the staff members of Department of Economics. Political Science, History & Public Administration. Fifty Five students of which 14 were girls and 42 were boys from our BA Group went for the tour accompanied by seven faculty members, Sri. N. John sukumar (HOD, Department of Economics) as a convener.

Pre planning and preparation: Success of every event is depends upon the strong planning and coordination. So like other tours conducted earlier we have given maximum time and used highest resources to plan educational tour for our students.

Selection of location: It is very important in the prospect of all the essential aspects as part of curriculum, education, inspirational and motivation. Keeping all factors in mind our faculty and students together decided to go to Visakhapatnam & Araku Valley.

Train booking: After taking final list of the students and staff members Sri. N John Sukumar & co booked train tickets with student concession from Vijayawada to Visakhapatnam in Rathnachal express and from Visakhapatnam to Vijayawada in LTT express.

Bus Booking in Visakahapatnam: We booked very comfortable busses (1 AC bus for Gils and 1 luxury bus for boys).of Tejaswani Travels for three days to see Visakhapatnam & Araku Valley well in advance.

Accommodation Breakfast and Dinner: We have booked rooms in Shyam AC dormitory for three days well in advance. Breakfast Lunch and dinner is arranged by the tour convener at castle a sea view hotel.

Objectives of the tour

The specific objectives of the tour are

1. **Real world experience:** Students practice their skills and critical thinking abilities outside of the controlled class rooms and he/she able to learn real world lessons.

2. **Socialization:** Taking students into a new environment give us the experience of travelling in a group teaches us to socialize and to be respectable of the places we visit.

3. **Reinforcement:** The tour can reinforce what a teacher has been instructing in class room about the subject and help students understand the topic better.

4. **Bonding:** students may be spend much of the trip day in small groups observing, chatting and learning about each other, and it will form a new bond among the students.

5. **Fun:** Students have fun and enjoyment with their friends and they also may return to the class room with a renewed focus with their college work.

Significance of the tour:

The educational tour provided valuable learning opportunities away from the class room without using the text books and other normal college setting. By coming into direct contact with different environment student can better understand their place in the community and develop openness to differences in others. Particularly we planned to meet the tribal people and find out their life style and economic conditions of them.

Tour proceedings

22th February 2020: All the 55 students and Seven staff members presented in SRR & CVR Govt. Degree College, Vijayawada at 5:30PM. All the students gathered at Sri Viswanatha kala vedika



and Dr. Velaga Joshi garu gave them some instructions about the tour and each and every student is given the instructions through whatsapp group by tour management. We had a photo session with principal, staff and the students.

Then we have divided the students into six groups. Each group is headed by one faculty member and instructed the students to gather at Clock tower, Vijayawada railway station on 24th Feb. 2020 by 5 AM and we dispersed.



24th February 2020 (Monday): All the students gathered near clock tower at Vijayawada railway station anfd moved to platform no 5 to catch Rathnachal Express. The train started at exactly 06:05 AM. It's a few hours journey to reach Visakhapatnam railway station. It took six and half Hours to reach our destination. We reached Visakahaptnam at 12:30 PM. All the students and staff memberscompleted their Lunch in the station itself. Tejaswani busses came to rail station at 1:30 PM. And we moved to Shyam AC Dormitory. We kept our luggage in the rooms and freshened up and moved to see

Visakahpatnam. First we went to Ramanaidu studios but time not permiotted us it was closed. Then straightway we went to Thotlakonda a Buddhist site.

Thotlakonda: Thotlakonda is a Buddhist site located on the way to Bheemili Town. The name literally means Troughs which are used to store the rain water. Thotlakonda was a much influenced Kalinga region from where the Buddhism was carried out to Sri Lanka and various other parts of South- East Asia. Hinayana Buddhist complex came into spotlight when an excavation was conducted in the period of 1988 – 1993 by Archaeological Department of Andhra Pradesh. This complex dates back to 2000 years. The roman coins and Satavaha na coins found here indicates that the foreign trade flourished here. After visiting this historical place we moved to Rishikonda Beach.





Rishikonda Beach: Rishikonda Beach lies on the Bhimli road and is a magnificent beach resort. It is also known as "the Jewel of the Eastern coast" due to its picturesque aesthetics. Sitting by the coastal shores and watching the waves of the Bay of Bengal is a great leisure activity. The golden sand dunes and aqua water of the sea present a spectacular sight. The beach is also named as "Sight for swimmers" as it is safe for swimming and other marine activities.



After visiting Rushikonda beach we went to Castle the beach hotel for dinner. After taking the dinner we came back to Shyam AC Dormitory.

25th February 2020 (Tuesday): Today we started at 8:30 AM in two Volvo busses to castle for our breakfast. After finishing the breakfast we rushed to Sinhachalam.

Simhachalam Temple: Simhachalam Temple is also known as Simhadri temple. The idol of Lord Narasimha in the temple is in tribhangi posture. It resembles the head of lion on a human fram. The temple faces the west direction and has fine collection of Kalinga architecture. The inscriptions in the temple date back to the 11th and 12th century. The area around the temple has coverage of mango trees, shrubs and cashew trees. After visting Simhachalam we have a plan to visit Kailasagiri.



Kailasagiri Park: Kailasagiri is a famous tourist attraction point in the city. It was established by Vishakhapatnam Urban Development Authority and was announced plastic-free zone. The park is



based at a 360 feet high hill offering you panoramic view of the serene surroundings. It spans over 150 hectares of land having lush green grass and tropical trees. We can view the Bay of Bengal on the eastern edge of the park. The Vishakhapatnam city and forests are easily visible on the other edges. The main focal point in the park is a statue of Lord Shiva and Parvati. The exquisite is made of white marble and has a height of about 40 feet. We visited the nearby attractions such as Shanti Ashram, seven wonders of Vishakhapatnam, Titanic view point, Gliding base point and many others. There was train available here to see in and around kailasagiri. Some of our students entered into rope way. It's a first of its kind in Andhra Pradesh as well as in the whole of coastal India. It offers a 360-degree view from the fibre-glass cabins while travelling up and down the 375 meter rope way. After visiting this kialasagiri we went for the Lunch in same place where we had the breakfast at Castle. After lunch we moved to Ramanaidu Film Studios.



Ramanaidu Film Studios: The entire studio can be covered in less than 40 minutes. As the studio



is located on the top of a hill and offers a mesmerizing view of the ocean. Actually it looks like a small planned city with all types of houses, a bungalow, small temple and shops. The buildings are real and their interiors are made as per shooting requirement

Ramakrishna Mission Beach: Rama Krishna Beach is a heavily crowded beach during the peak summer seasons. The tall lush green coconut trees, golden sand dunes and the emerald sea water all look exceptional. A barefoot stroll along the coastal shores of the beach is a pleasurable activity. We ate the local seafood that is available at the food stalls along the coastal shores. The sunset at the beach is adorable.

INS Kursura Submarine Museum: Museum is also known as Swarna Jyoti Museum and showcases the rich artifacts of Indian nautical history. In the museum number of pictures, model and other



exhibits that reveal the rich ancient history of the Indian marine history. The students learned about the growth and development in Indian Navy after the Independence. All the exhibits of the Naval Museum have been classified into five categories. The main five groups are naval archives, ocean resources maritime history, and eastern seaboard setups, and ports.

TU 142 Aircraft Museum: After 30 years of service the TU-142M aircraft of Indian Navy was decommissioned and placed at Visakhapatnam sea beach by converting it to a museum. Located just opposite to Submarine museum this became one more major tourist attraction at RK beach area. There is an entry fee of Rs 70 / - per person. Before entering into the aircraft a guide has been given to us and he explained everything about the Aircraft. We can see display of various equipments and parts of aircraft placed inside one exhibition hall. Equipments like sonobuoys, propeller, engine, survival kit, anti submarine missile, data recorder etc are displayed with all details. After visiting the exhibition we entered into the aircraft. Photography is not allowed inside the aircraft. After seeing various equipments inside the plane we came out of the aircraft from its backside door. Outside the aircraft we took photos and the area is well maintained. There is a flight simulator platform which can be enjoyed through VR headsets.





After visiting RK beach we moved for dinner at Hotel Castel and came back to Shyam dormitory. Students were given instructions about the tomorrow's Araku programme.

26th February 2020 (Wednesday):

Train Journey to Araku. Today we started at 6AM. The busses were ready to drop us at Visakhapatnam Railway Station to catch the Vishakhapatnam-Kirandul Passenger which starts at 06:50 A.M. The tickets booked in advance and all the students settled in their respective seats. The Breakfast finished by our students and staff by7:30AM. The 1st one hour of the journey feels very normal. After crossing two small stations, the train starts climbing up the hills through tunnels and bridges. Most of the time valley falls in right side of the





train while going towards Araku from Vizag and waterfalls remain at left side. On the way small and big waterfalls can be seen from the train. The green valley and river combination gives a spectacular view from the train. The train passes through tunnels and bridges on its journey. After CHIMIDIPALLI station the waterfall comes at left side just after a tunnel. The longest tunnel is 520 meter long. This train line passes through 84 bridges and 58 tunnels. The train also passes above the Borra caves.

Araku Valley: After an existing travel for more than 5 Hours we reached Araku railway station at 12:30 p.m. then we move to visit botanical gardens

The Padmapuram botanical Gardens: The Padmapuram Gardens is known to be a favorite among many tourists who visit Araku Valley. Boasting heavily of a variety of species of flora, the garden is home to an exquisite rose garden, treetop huts and a fun toy train for rides around it. The garden was built to supply food and vegetables to soldiers of World War II in 1942 in a plot of 26 acres and later on, converted into a horticulture nursery with a training centre. The range of flower species and trees is a visual feast, which can be enjoyed even more if one decides to stay in one of the hanging cottages ten feet above the ground.



After visiting the botanical gardens students got the importance of protecting trees and as well as protecting the enviromnet. The time passed 2'o Clock here in gardens students were hungry and we rushed nearby hotel samjevini. After our lunch we reached Tribal museum. But due to time factor we decided not to go the museum and we moved to Borra caves. In the drive to borra we visited two important attraction in Araku. One is Galikonda view point and other one is coffee plantations.

Galikonda View Point: The Galikonda View Point is a small viewing point in the Ananthgiri Hills. The place offers good views of the whole Ananthgiri hills & valleys. One can look down at the railway line and the road slowly snaking its way up from the bottom of the valley to the top. There is a small stall at the top offering tea/ coffee and bamboo chicken (which is a local specialty). We stopped here a while and took pictures.





Then we moved to Coffee plants just in 5 mts and we started to Borra Caves.

Borra Caves: We reached borra caves around 4 PM. Entry fee is Rs70/- per person and ticktes b



ought for all and moved to see Caves**.** The caves open with 100 meter on horizontal plane and about 75 meters on vertical plane. These caves spread over an area of one square KM and the origin of river Gosthani which flows through the district. This location is at a height of 800 to 1300 meters from MSL. William King the British geologist discovered this million years old cave in the year 1807. The humic acid in the water reacts with calcium carbonate in the limestone and dissolves the minerals breaking the rock gradually. The perennial water flow over a period of time resu lts in the formation of caves. Stalagmites are formed due water percolating from the roof containing calcium bicarbonate and other minerals from mounds. One can see different formations of the stalactites and stalagmites as Shiv-Parvati, Mother-Child, Rishi's Beard, Human Brain, Crocodile, Tiger and Cows udder.



After the visit of spectacular caves we returned to Visakhapatnam and we reached our rooms by 9 PM packed up everything and returned to Visakhapatanam Railway Station. Finished our dinner there and entered the train LTT Express and occupied our berths. We reached Vijayawada Railway Station by 6:30AM. After identifying the number of students we dispersed with so many memories with us.

Feedback from the students: Students were very much satisfied with the places selected by the tour committee. Students loved the journey to Araku and enjoyed the beauty of Valley. They also enjoyed the places like INS kurihara, Kailasagiri, Borra Caves and so on. This was the learning as well as fun oriented trip for all of them where they have developed close bond with all the students. Various inner hidden skills like leadership, creativity, singing, music etc., came out during this trip. It was unforgettable experience for all of them. They have requested to go for similar educational tour on regular basis and had shown their sincere gratitude towards Principal Dr. Velaga Joshi Garu, for his support and effort for the success of the Visakhapatnam - Araku tour.

SRR & CVR GOVT. DEGREE COLLEGE (A), VIJAYAWADA - 4
VISAKHAPATNAM – ARAKU VALLEY EDUCATIONAL TOUR
24-02-2020 To 27-02-2020
INSTRUCTIONS TO THE STUDENTS

1) Students must attend college, on 22nd February 2020 for a photo session with our Principal along with Departmental heads.
2) We will get into the train **(Rathnachal express Train No: 12718)** in Vijayawada railway station at 6 AM on 24th Feb 2020. Every student must reach clock tower at Vijayawada Railway station premises by 5 AM.
3) We are going to get down at Visakhapatnam railway station on 24th February 2020 at 12:15 PM and students are instructed to finish their lunch at railway station itself and we will move to Shyam AC Lodge (Dormitory). Check in time: 01 PM
4) Tentative Tour schedule

   24-02-2020 After a little bit rest going to see Vizag surrounding places

   25-02-2020 Going to visit some of the important places in Vizag

   26-02-2020 Araku valley – we must reach Visakhapatnam Railway station by 6AM the trrain starts to Araku at 6:50AM. After Finishing Araku visit we will come down to Vizsag, finish our Dinner and vacate the rooms by 10PM and must reach Visakhapatnam Railway station by 10:30 PM to catch **VSKP LTT Express (18519). The train starts at 11:25PM.** We will reach Vijayawada at 06:35 AM on 27th February 2020
5) Students should bring their lunch and dinner for the first day of tour.
6) Students are informed to bring money to pay for any kind of entry expenses in sightseeing.
7) You can bring blankets, socks and mosquito coils with them.
8) You can carry your refreshment (chapattis, puris, lemon rice, snacks, water, etc.) to eat in train on 24th February 2020 if possible. You are free to bring eatables with you or you can take breakfast, lunch in train with your own expenses.
9) You are informed your coach and seat no priorly and student have to occupy his/her seat and afterwards you can adjust your seat with your friends.
10) **Every Group must name one student as a leader for their team.**
11) **Students must bring college ID and aadhar card with them and they have to show when ever is required in the entire tour.**
12) You have to safeguard your own belongings.
13) Please avoid bringing any expensive gadget or valuables.
14) **You are expected to be in line with the faculty decision, and behave in a decent manner.**
15) Students are not supposed to engage in any unacceptable activity that would hamper the repute of the institute.
16) You have to report to your group leader every time.
17) **You are not supposed to go anywhere without faculty permission.**
18) Each time you board a bus or leave a building, you should take a count of your group.
19) **If a there is a medical concern during the trip, notify faculty immediately**.
20) Students must prepare tour book and submit it with feedback and suggestions.
21) Students are divided into seven groups headed by seven faculty members and the details are already posted in whatsapp group.

N JOHN SUKUMAR
Tour Convener

SRR & CVR GOVT. DEGREE COLLEGE (AUTONOMOUS)

VIJAYAWADA - 4

We, The **Departments of Economics, History, Political Science and Public Administration** are planning to go for an educational tour to Visakhapatnam and Araku vally on **24h February, 2020**. The train Numbers and Names, Journey date and the details of staff and students are under given.

1. **On wards Journey: Date: 24/02/2020 Monday Ratnachal Express (12718)**
   From Vijayawada(BZA) 06:05 AM
   To Visakhapatnam(VSKP) 12:15 PM
2. **Return Journey: Date: 26/02/2020 Wednesday VSKP LTT Express (18519)**
   From Visakhapatnam(VSKP) 11:25 PM
   To Vijayawada(BZA) 06:35 AM (27-02-2020)
3. **Date: 26/02/2020 Wednesday VSKP-KRDL PASS (58501)**
   From Visakhapatnam(VSKP) 06:50 AM
   To Borra Guhalu(BGHU) 09:40 AM

No of Students: Female: 14 Male : 40 Total : 54

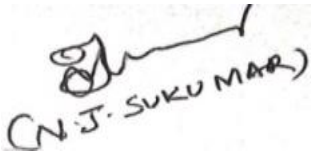
No of Staff Members: **Female: 02 Male : 06 Total : 08**

Total No of travellers: **62**

STAFF lIST

Sl. No.	Name of the Student	Group	Sex	Age
1.	N.John Sukumar		MALE	46
2.	P. Srinivasulu		MALE	49
3.	K. Chandra Sekhar		MALE	43
4.	A.Chandrasekharachary		MALE	42
5.	K Narasimha Rao		MALE	40
6.	Khurdus Ghani		MALE	26
7.	G. Jhansi		FEMALE	38
8.	B. Sundara Kala		FEMALE	37
STUDENTS LIST: BOYS: 40 GIRLS: 14 TOTAL: 54				
9.	J Chandrika	I MA	FEMALE	26
10.	Gnaneswari	3 BA	FEMALE	20
11.	Karishma	3 BA	FEMALE	19
12.	Heena	3 BA	FEMALE	19
13.	ramanamma	3 BA	FEMALE	19
14.	Divya	3 BA	FEMALE	20
15.	Shahida Banu	3 BA	FEMALE	20
16.	Lakshmi	3 BA	FEMALE	20
17.	Revathi	2 BA	FEMALE	19
18.	Subhashree	2 BA	FEMALE	19

19.	Sravani	2 BA	FEMALE	19
20.	Gayatri	2 BA	FEMALE	19
21.	Durga Bhavani	2 BA	FEMALE	20
22.	Tejaswini	2 BA	FEMALE	20
23.	Raghava	3 BA	MALE	20
24.	Sai	3 BA	MALE	21
25.	Praveen	3 BA	MALE	22
26.	Anil	3 BA	MALE	21
27.	Jani	3 BA	MALE	21
28.	Isu	3 BA	MALE	24
29.	Rambabu	3 BA	MALE	21
30.	Suri Babu	3 BA	MALE	21
31.	Teja Sai	3 BA	MALE	25
32.	Lokesh	3 BA	MALE	22
33.	Santosh	3 BA	MALE	21
34.	Anil Kumar	3 BA	MALE	22
35.	Ravi Shankar	3BA	MALE	22
36.	Govind	3 BA SHP	MALE	25
37.	Praveen	3 BA SHP	MALE	23
38.	Korneli Raj	3 BA SHP	MALE	20
39.	M Govind	3 BA SHP	MALE	22
40.	Sai Kumar	3 BA SHP	MALE	23
41.	Yesu Babu	3 BA	MALE	22
42.	Durga Prasad	2 BA	MALE	20
43.	Raghu Babu	2 BA	MALE	20
44.	Durga Sai	2 BA	MALE	20
45.	Shiva	2 BA	MALE	20
46.	Santosh Kumar	2 BA	MALE	20
47.	Hari Krishna	2 BA	MALE	20
48.	Navyanth	2 BA	MALE	20
49.	Anil Kumar	2 BA	MALE	20
50.	Gopi	2 BA	MALE	20
51.	Ramprasad	2 BA	MALE	20
52.	Pawan Kalyan	2 BA	MALE	20
53.	Iqbal	2 BA	MALE	22
54.	Ruphous	2 BA PPP	MALE	22
55.	Ajay	1 MA	MALE	22
56.	Rajesh	1 MA	MALE	22
57.	Vamshi	1 MA	MALE	22
58.	Narasimha	1 MA	MALE	23
59.	Alankar	2 MA	MALE	21
60.	Sai Kumar	2 MA	MALE	22
61.	Shravan Kumar	2 MA	MALE	22
62.	Sagar Babu	2 MA	MALE	23



SRR & CVR GOVT. DEGREE COLLEGE (A) , VIJAYAWADA

DEPARTMENT OF MATHEMATICS

Report by Smt. K.V. Naga Lakshmi,
HOD of Mathematics.



Dt. 10-09-2019.

To

The Principal,

SRR & CVR GDC (A),

Vijayawada-520004.

Respected Sir,

Sub:- Requesting permission for field visit to SHAR, Sriharikota- Reg.

10/9

We, the Department of Mathematics, would like to submit to your kind notice that the Department of Mathematics is planning to conduct a field visit to SHAR, Sriharikota, which is an important place to acquire knowledge about rocket Science and to know the Physical, Mathematical laws involved in rocket launching. Hence, we request you Sir kindly permit us to visit SHAR, Sriharikota.

Thanking you Sir.

Yours faithfully,

10/9/2019.

(In-charge if the Department)

S.R.R. & C.V.R. GOVT. DEGREE COLLEGE
(Autonomous)
NAAC accredited with 'B+' Grade
Machavaram, VIJAYAWADA - 520 004. Krishna District.
Cell : 94922 34488 Ph : 0866-2430060, Fax : 0866-2441092, www.srrcvr.org, srrandcvr@gmail.com

Dr. Velaga Joshi, Principal
M.A. (Phil.), M.A. (His.), M.A., (M.C.J.), B.L., M.Phil., Ph.D.,

Date ..19..

To
The Group Head,
Sathish Dhavan Space Centre, SHAR,
Sriharikota – 524124

Dear Sir,

Sub: Permission to visit SHAR Centre Request Regarding.,

The Students and staff of SRR & CVR Govt Degree College (Autonomous), Vijayawada, Krishna Dt., would like to visit Sathish Dhavan Space Centre, SHAR for an educational tour. I believe that visiting the facility like SHAR will inspire them in science and technology and help them to find the importance of SHAR centre in the development of Indian Economy. We would like to visit in the second week of November, 2019. I am officiating M.Laxshmana Dasu, HOD, Dept of Mathematics, SRR & CVR Govt Degree College, Vijayawada for further communication. Your cooperation in this regard is solicited.

With Regards

19/9/19

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomus)
Machavaram, VIJAYAWADA - 520 004.

Respected sir/Madam,

Greetings from SRR&CVR Govt.Degree College(A), Vijayawada.

We are very happy about your mail sir/madam. In this regard we are confirmed our arrival on given date with our students to visit SDSC SHAR. Thank you sir/madam.

On Dec 24, 2019 9:17 AM, <ppo@shar.gov.in> wrote:

> Dear Sir/Madam,
>
> Please find the enclosed attachments of above subject for your information.
>
> **-- With Regards..**
> **Group Director, MSG,**
> **Satish Dhawan Space Centre SHAR,**
> **Sriharikota-524124**

SRR & CVR (A) GDC, Vijayawada

Department of Mathematics

Field Trip to SDSC SHAR on 30 & 31st Dec 2019

Department of Mathematics in collaboration with department of Chemistry, Physics and Statistics organized an educational tour to all the B. Sc students during 30th & 31st December 2019.

- Since the goal of education is to impart knowledge to students, they gain knowledge and upgrade their skills by using the new concepts they learn from these educational tours. In addition, educational tours play an important role in educating our students in a practical and interesting manner. The importance of educational trips includes giving students the chance to build closer bonds with their classmates, experience new environments and enjoy a day away from the classroom.
- The visit was planned according to the suggestions of our beloved principal Dr. Velaga Joshi; Convener: Dr. G. Lalitha; Incharge of Mathematics Department: K.V. Naga Lakshmi; Members: Dr. G. Nagarjuna, M.L. N. Dasu, Dr. Md. Mastan and Some of the guest faculty members.
- Satish Dhawan Space Centre or Sriharikota Range is a rocket launch centre operated by Indian Space Research Organisation. It is located in Sriharikota in Andhra Pradesh

- Satish Dhawan Space Centre (SDSC) SHAR, Sriharikota, the Spaceport of India, is responsible for providing Launch Base Infrastructure for the Indian Space Programme. This Centre has the facilities for solid propellant processing, static testing of solid motors, launch vehicle integration and launch operations etc.

- The Centre has two launch pads from where the rocket launching operations of PSLV and GSLV are carried out. The mandate for the centre is (i) to produce solid propellant boosters for the launch vehicle programmes of ISRO (ii) to provide the infrastructure for qualifying various subsystems and solid rocket motors and

carrying out the necessary tests (iii) to provide launch base infrastructure for satellites and launch vehicles.

We started from here by Bus on 30th December 2019 night to SDSC SHAR, Nellore. We visited SHAR centre on 31st December 2019. The visit was started with checking at the main gate, and they won't allow mobiles to take along with us. We went to seminar hall over there, where we saw a ppt including brief history of SHAR, reasons to select that area for rocket launching and so many things.

Later on, we went to SPACE museum. The museum has full-scale model of PSLV and PSLV heat shield on its premises. The museum also has scaled down (one fifth in size) models of GSLV, GSLV Mk-III. Space Museum provides a tell-tale account of the Indian Space Programme from its infancy. The story of the Indian Space Programme is unfurled in six sections, comprising of history, education, technology, applications, global and the future.

Then we moved to launching pads. A **launch pad** is an above-ground platform from which a rocket-powered missile or space vehicle is vertically launched. The Centre has two operational orbital launch pads. The modern First Launch Pad was built in the early 1990s for the polar satellite launch vehicle. Second Launch Complex became operational in 2005 for accommodating PSLV, GSLV and GSLV Mk III launch vehicles of ISRO.

At last, we went to MCC (Mission Control Centre), is a facility that manages space flights, usually from the point of launch until landing or the end of the mission. It is part of the ground segment of spacecraft operations.

We enjoyed the visit a lot, as it gave us an opportunity to understand the importance of spaceport of India and to know well about my students and their nature. We strongly recommend this type of tours would definitely help students to understand basic phenomenon in Physics and Chemistry & Mathematical Laws that were used in Spacecraft operations. And it would be definitely inspired students to pursue higher education in the field of space science and get employability in these kinds of highly prestigious institutions.

SDSC- SHAR Field trip on 31st December 2019



Field trip starting from College to SDSC- SHAR on December 30th 2019, Principal Dr. Velaga Joshi



Arrival at SDSC- SHAR, Nellore on December 31st 2019



Entrance Gate of SDSC- SHAR on December 31st 2019



SDSC- SHAR on December 31st 2019



Faculty of Mathematics & Students inside the SDSC- SHAR on December 31st 2019



Inside of SDSC- SHAR on December 31st 2019



Field trip SDSC- SHAR on December 31st 2019



Field trip SDSC- SHAR on December 31st 2019



Class Room interaction about SDSC SHAR among students of III B.Sc



Class Room interaction about SDSC SHAR among students of III B.Sc.,

DETAILS FOR VISITING SDSC SHAR FACILITIES

Approve Ref. No: GD/MSG/17/2019 Dated:23.12.2019
Organization Name & Address: SRR & CVR Govt. Degree College (A), Vijayawada

Date of visit: 30.12.2019 **Contact No: 8885407706**

Sl.NO.	Student Name / Staff Name	Age	Class/ Branch & Year	Aadhar No.	Organization ID No.	Contact No.
1.	G. NAGENDRA BABU	18	I B.Sc (MPCs)	543287182124	710	8499953444
2.	GURUBRAHMA	20	III B.Sc (MPCs)	676309965932	710	7780785458
3.	R. SITA MAHALAXMI	20	III B.Sc (MPCs)	346536447117	710	8106175336
4.	V.TEJA SRI	20	III B.Sc (MPCs)	246488647952	710	7093747879
5.	S. PUJITHA	20	III B.Sc (MPCs)	503524921665	710	9110562198
6.	B. DIWAKAR	20	III B.Sc (MPCs)	369927814600	710	8688247401
7.	M. DEVA KUMAR	20	III B.Sc (MPCs)	544456725986	710	7901279687
8.	B. SRIKANTH	20	III B.Sc (MPCs)	502994016185	710	7995681932
9.	N. MANOJ KUMAR	20	III B.Sc (MPCs)	593852132322	710	9346659515
10.	CH. PRATHYUSHA	20	III B.Sc (MPCs)	617452047102	710	8688789177
11.	L. NAIDU BABU	19	II B.Sc (MPCs)	315028041240	710	7013805102
12.	V. PRIYANKA	19	II B.Sc (MECs)	652281256115	710	8074341079
13.	T. VENKATESH	19	II B.Sc (MECs)	564607651113	710	7997027196
14.	G. PRASHANTH	19	II B.Sc (MECs)	471995457966	710	7330832649
15.	CH. HARISH	19	II B.Sc (MPCs)	759673559749	710	8686763017
16.	A. RISHI	19	II B.Sc (MPCs)	339566437191	710	8501096242
17.	G. KAMALAKAR	19	II B.Sc (MPCs)	458811701814	710	9346016147
18.	K. JAYA DURGA SANKAR	19	II B.Sc (MECs)	931195073205	710	6304224121

19.	**K. LALITH KUMAR**	**18**	**I B.Sc (MPCs**	**543896523197**	**710**	**9491056267**
20.	**R. HARIKA**	**19**	**II B.Sc (MPCs)**	**888975664707**	**710**	**8121266659**
21.	**G. YASASWINI**	**19**	**II B.Sc (MPCs)**	**733696626133**	**710**	**9390179969**

22.	**A. BRAHMAIAH**	**18**	**I B.Sc (MECs)**	**900285047756**	**710**	**7730050351**
23.	**V. HEMANTH**	**18**	**I B.Sc (MECs)**	**434308195921**	**710**	**9703138866**
24.	**CHARLES RAJU**	**18**	**I B.Sc (MECs)**	**675282177995**	**710**	**7330616341**
25.	**LOKESH**	**18**	**I B.Sc (MECs)**	**368038359009**	**710**	**9133762270**
26.	**K. SANJEEVA RAO**	**18**	**I B.Sc (MCCs)**	**792649372585**	**710**	**6306773834**
27.	**P. RAVITEJA**	19	**II B.Sc (MPCs)**	**874305858714**	**710**	**9618698566**
28.	**MANASA**	**18**	**I B.Sc (MECs)**	**696415333789**	**710**	**6302959171**
29.	**MAHA LAKSHMI SIRISHA**	**18**	**I B.Sc (MECs)**	**610227182052**	**710**	**9618989886**
30.	**KALYANI**	**18**	**I B.Sc (MECs)**	**864319610494**	**710**	**8978406937**
31.	**YESHWANTH**	**19**	**I B.Sc (MECs)**	**880439944871**	**710**	**6301063466**
32.	**M.B SAI KRISHNA**	**18**	**I B.Sc (MECs)**	**733456712014**	**710**	**7893838378**
33.	**DURGA ESHWAR**	**18**	**I B.Sc (MECs)**	**363690386930**	**710**	**9381357978**
34.	**M. AJAY BABU**	**19**	**II B.Sc (MPCs)**	**267878595397**	**710**	**9951326029**
35.	**G. KOMAL**	**19**	**II B.Sc (MPCs)**	**896223038859**	**710**	**9391693546**
36.	**M. GUPTA**	**19**	**II B.Sc (MPCs)**	**367264553846**	**710**	**9550268768**
37.	**K. ROHAN**	**19**	**II B.Sc (MPCs)**	**872729499724**	**710**	**6302488461**
38.	**S. SIMHACHALAM**	**19**	**II B.Sc (MPCs)**	**397829519086**	**710**	**8187839214**
39.	**R. ROOPESH**	**18**	**I B.Sc (MECs)**	**725194379810**	**710**	**9640087652**
40.	**J. AVINASH**	**18**	**I B.Sc (MECs)**	**643560547805**	**710**	**6300470070**
41.	**THERISA(KANCHICHERLA**	**18**	**I B.Sc (MPCs)**	**822937327719**	**710**	**7702496491**
42.	**B. KRANTHI KOTI**	**20**	**III B.Sc (MPC)**	**678065248613**	**710**	**8897716003**
43.	**M. RAKESH**	**18**	**I B.Sc (MPCs)**	**308220700598**	**710**	**6303879882**
44.	**U. VASU**	**20**	**III B.Sc (MSCs)**	**428955068601**	**710**	**8466823656**
45.	**CH. SARAT KUMAR**	**18**	**II B.Sc (MPC)**	**954300320738**	**710**	**9347722648**
46.	**M. SIVA**	**20**	**III B.Sc (MPC)**	**600035047491**	**710**	**7731094722**
47.	**S. ANIL KUMAR**	**20**	**III B.Sc (MECs)**	**942045349651**	**710**	**7995287608**
48.	**E. KALYAN KUMAR**	**20**	**III B.Sc (MECs)**	**838351307896**	**710**	**9030976261**

49.	V. SAMUEL JOHN	20	III B.Sc (MECs)	482875917471	710	8919010099
50.	S. SAI VISHWAK	20	III B.Sc (MECs)	620733692579	710	9491406110
51.	U. RAJU	20	III B.Sc (MECs)	319732377341	710	6288045875
52.	K. PAVAN KUMAR	20	III B.Sc (MECs)	856713442029	710	8801362214
53.	M. SHYAM KUMAR	20	III B.Sc	669628046987	710	9398768424
			(MECs)			
54.	VANI	20	III B.Sc (MECs)	502996407788	710	9848634994
55.	BHAVANI	20	III B.Sc (MECs)	457181937198	710	7993612195
56.	B. JANEESHA	20	III B.Sc (MECs)	462597758275	710	6305815753
57.	VAHID	20	III B.Sc (MECs)	762825442604	710	6301371384
58.	M A. SAI KRISHNA	18	I B.Sc (MECs)	701473494940	710	9390161065
59.	M. BHAVYA	18	I B.Sc (MCCs)	964942353078	710	9652280513
60.	K. BHAVANI	18	I B.Sc (MCCs)	573452805129	710	7569522247
61.	R. RAVINAIAK	18	I B.Sc (MPC)	446134427605	710	8099750225
62.	SK. DURAN	18	I B.Sc (MECs)	333465056422	710	7330815687
63.	CH. DURGA PRASAD	18	I B.Sc (MPC)	249850502180	710	6305638756
64.	G. NAVEEN KUMAR	20	III B.Sc (MPC)	687406499971	710	9063167185
65.	REVATHI	18	I B.Sc (MSCs)	473356470245	710	6309070713
66.	A. LAVANYA	18	I B.Sc (MPCs)	690422460370	710	7095965595
67.	CH. PRUDHVI	18	I B.Sc (MPCs)	819344208544	710	9493672628
68.	E. NAGARJUNA	18	I B.Sc (MPCs)	720433409976	710	8978820071
69.	CH. VITTAL KUMAR	18	I B.Sc (MPCs)	824805731546	710	9110724639

70.	D. PAVAN KUMAR	18	I B.Sc (MPCs)	946305408375	710	9963512954
71.	K. NAGA SAI PHANINDRA	18	I B.Sc (MPCs)	573673130664	710	6304434624

72.	M. KRUPA	18	I B.Sc (MPCs)	763281895664	710	9390666581
73.	S. NAGASEETA	18	I B.Sc (MPCs)	535484233330	710	9703518978
74.	N. LIKITHA	18	I B.Sc (MPCs)	512858150717	710	7997802176
75.	M. BAGHYA LAXMI	18	I B.Sc (MPCs)	410143266077	710	7075959772
76.	Y. SAI PRAVEEN	18	I B.Sc (MPCs)	937472275826	710	9618887239
77.	G. LAXMI LAVANYA	18	I B.Sc (MPCs)	931324241806	710	8688911065
78.	A. MANASA SIVA BHAVANI	18	I B.Sc (MPCs)	433947328018	710	9493897401
79.	MD. SHAHIN	18	I B.Sc	474284350342	710	8142487700
			(MPCs)			
80.	K. RAJASWARI	18	I B.Sc (MPCs)	930882341613	710	8106753523
81.	MD. YOUNUS	18	I B.Sc (MCCs)	905405750150	710	8185942076
82.	N. DHARMA TEJA	20	III B.Sc (MECs)	779057952365	710	8519938642
83.	G. PEDDANNA	18	I B.Sc (MCCs)	796578494306	710	8688031606
84.	A. ARUN KUMAR	18	I B.Sc (MCCs)	707661733963	710	9704374198
85.	V. DURGA PRASAD	18	I BS.C MPCs	813735968459	710	9908251332
86.	D. VENKATA LAXMI	18	I B.Sc (MPCs)	789368342123	710	9390393931
87.	B. RAVI KIRAN	18	I B.Sc (MPC)	300709238792	710	8500819256
88.	P. SAI KRISHNA	19	II B.Sc (MPC)	636961573457	710	8143149007
89.	Y. NAGA VISHNU SIDDHU	18	I B.Sc (MPC)	719705848258	710	8688095391
90.	G. LALLITHA		STAFF	516511496770	710	8885407706
91.	MD. MASTAN		STAFF	368044705587	710	7382539928
92.	K V. NAGA LAXMI		STAFF	277736290805	710	9490658101
93.	M. LAXMANA DAS		STAFF	744785080835	710	9441563246
94.	G. NAGARJUNA		STAFF	636584915170	710	9440444223
95.	BABITHA		STAFF	904512078142	710	6303785458
96.	PAVANI		STAFF	223896172572	710	9676679511
97.	K NARASIMHA RAO		STAFF	700561279404	710	9000920214
98.	VENKATESH		STAFF	443874466972	710	7989583634
99.	G.SRINIVAS (DRIVER)		DRI 1			

100.	**DHARMA RAO(DRIVER)**		**DRI 2**			



Principal
SRR & CVR Govt. Degree College(A)
Vijayawada- 520004

SRR & CVR GOVT. DEGREE COLLEGE (A) VIJAYAWADA

DEPARTMENT OF MICROBIOLOGY

2019-2020

Field Visit to Araku Valley, Visakhapatnam District, Andhra Pradesh, India



25-01-1019 to 28-01-2019

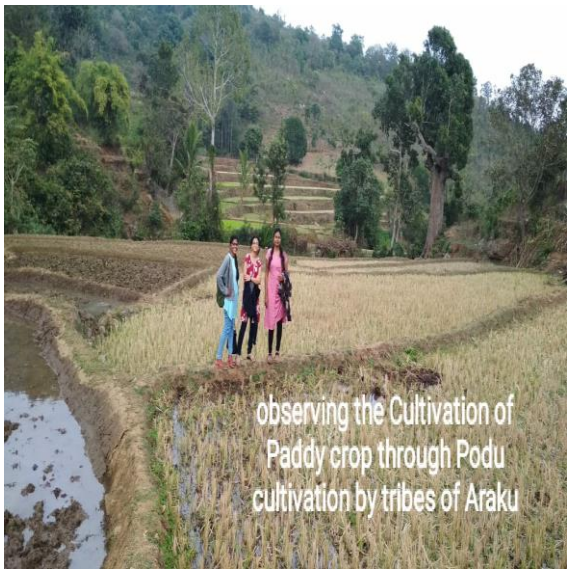
SRR & CVR GOVT. DEGREE COLLEGE (A) Vijayawada

Department of Microbiology

Activity Register 2018-2019

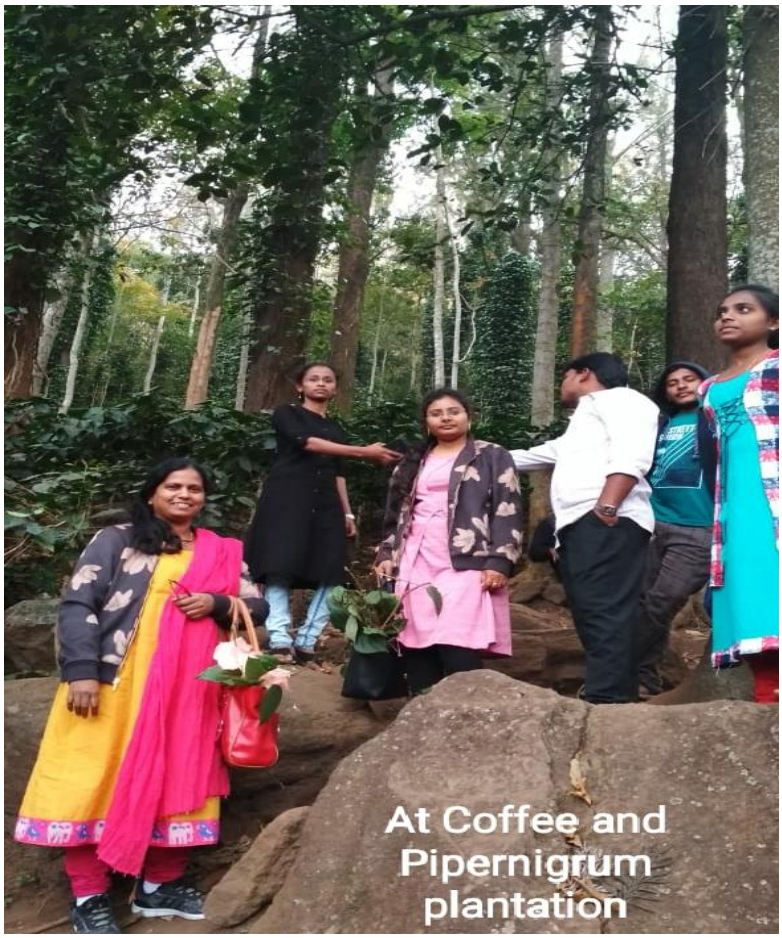
Date	**25-01-2019 to 28-01-2019**
Conducted through (DRC/JKC/ELF/NCC/NSS/Departments etc.)	**Department of Microbiology**
Nature of Activity(Seminar/Workshop/Extn. Lecture etc.,)	**Field Visit**
Title of the Activity	Field Visit to Araku Vally
Name of theDepartment/Committee	Department of Microbiology
No. of students participated	17 III BSc MBC
Brief Report on the activity	The Department of Microbiology has Organized Field Visit to Araku Valley, Visakhapatnam District, Andhra Pradesh from 25-01-1019 to 28-01-2019. Life below the soil, which is now threatened with erosion for its living, binding element – the microbes. They are being decimated. The focus is on humankind's greatest and oldest friends, the microbes. Hence soil samples are collected to analyse the microbial profile of the Araku Vally.
Name of the Lecturers who Planned & conducted the activity	Dr .D .Jyothi and Mrs Dorcas Anand
Signature of the In- Charge	D. Jyothi
Signature of the Principal	





III

BSc MBC Collecting the Soil samples



Microbes exist everywhere – in soil, plants, rivers, and even on and inside the human body. Soil microorganisms, particularly bacteria and fungi affect soil health, plant growth and by consequence the food we consume.

As the world conscience has grown and matured to feel the need to protect the oceans, rivers, animals and other precious inhabitants of the planet above the ground, today, as our knowledge refines itself into the invisible world of microbes, we need to seek justice for the vital contribution of bacteria and fungi for the Earth's future welfare. They are our past partners, our ancestors, our very origin - they are our future too.

MICROBES ARE EVERYWHERE

9/10ths of us comprise of microbes and there are more microbes in a teaspoon of soil than there are people on earth. We are outnumbered and we need to live in harmony with these tiny symbiotic friends of ours.

MICROBES ARE VITAL TO OUR EXISTENCE

Microbes inside the soil are living entities. Short-sighted agricultural practices such as indiscriminate use of chemical fertilisers can deplete soil carbon and starve microbial life. This also effects plant quality and the natural nutrients vital to their healthy existence. In short, plants need a rich microbial soil life to be healthy! And for us to get (nutritious) food.

PLANTS NEED THEM

Think of microbes as a factory where production for the plant's requirement is fulfilled. A nitrogen fixing bacteria, for instance, converts atmospheric nitrogen to available nitrogen that is essential for plant growth.These microbial communities come together to provide important nutrients to the host plant.

Soil microbes are also critical for decomposing organic matter in the soil, ensuring soil nutrients are recycled and replenished. If it wasn't for microbes, our planet would be one big undecomposed garbage heap. Ever wondered what the sweet smell after rains in summer is? It's called petrichor – and comes from microbes!



ACKNOWLEDGEMENTS

We express our deep sense of gratitude to Dr. Velaga. Joshi, Principal SRR & CVR Govt. Degree College Autonomous, and Vijayawada for his support and constant encouragement to upgrade the knowledge of the students.

In Charge Dept of Microbiology

D. Jyothi

Principal



విశాఖలో ఎస్ఆర్ఆర్ విద్యార్థుల విజ్ఞానయాత్ర

విజ్ఞానయాత్రలో పాల్గొన్న ఎస్ఆర్ఆర్ విద్యార్థులు

విజయవాడ, జనవరి 29: స్థానిక ఎస్ఆర్ఆర్ డిగ్రీ కళాశాల బోటనీ, మైక్రో బయాలజీ విద్యార్థులు విశాఖ జిల్లాలోని మన్యం, అరకు వ్యాలీలో మంగళవారం విజ్ఞాన యాత్ర నిర్వహించారు. ఈ సందర్భంగా విద్యార్థులు ఆ ప్రాంతంలోని సుగంధ ద్రవ్యాల వృక్షాలు, కోడు వ్యవసాయం విధానాలను పరిశీలించారు. విద్యార్థుల వెంట అధ్యాపకులు జ్యోతి, డోర్కస్ ఆనంద్, వరలక్ష్మి తదితరులు వెళ్లారని ప్రిన్సిపాల్ జోషి తెలిపారు.

SRR and CVR Govt Degree College (A), Vijayawada

Department of Microbiology

Students Attended

Title of the Activity: Tour to Araku Valley, Visakhapatnam Dist Andhra Pradesh, India.

Class: III BSc MBC

Date: 25-01-2019 to 28-01-2019.

S No	Name of the Student	Signature
1	Gundu. Sai	Sai
2	Matta. Naveen	Naveen
3	Miriyala. Vyshnavi	Vyshnavi.
4	Buruga. Viswas.	Viswas
5	Dasari. Chandrika	Chandrika.
6	Munipalli. Ravi Teja	Ravi Teja
7	Gummapu. Rohit Nanda	Rohit
8	Puppala. Lalitha	Lalitha
9	Gunturu Bhanu Durga Prasad	Durga Prasad
10	Bolisetti. Teja Naga Sai	Teja Naga Sai
11	Puppalla. Lavanya	Lavanya
12	Perisetti. Revanth	Revanth
13	Kesarapalli. Pavani	Pavani
14	Dasari. Keerthi	Keerthi
15	Gogulamudi. Surya prakash	Keerthi
16	Guttigunde. Pavithra	Pavithra.
17	Guruvelli. Neeraja	Neeraja.

SRR & CVR GOVERNMENT DEGREE COLLEGE
VIJAYAWADA, KRISHAN
DIST., A.PNAAC
B+GRADE (CGPA:2.60)

DEPARTMENT OF MICROBIOLOGY

INDUSTRIAL VISIT

HINDUSTAN COCA COLA BEVARAGES,Pvt,Ltd Atmakuru, Guntur(Dt).

24-09- 2019.

SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)
NAAC accredited with "B++" Grade
Machavaram, Vijayawada – 520 004, Krishna District.
Cell: 94922 34488 Ph: 0866-2430060 Fax: 0866-2441092 www.srrcvr.org srrandcvr@gmail.com

Dr. Velaga Joshi, Principal
M.A.(Phil.), M.A.(Edn), M.A. (M.C.J.), B.L., M.Phil., Ph.D

To

20.09.19

The Manager,
Hindustan Coca-cola Beverages Pvt. Ltd.,
Athmakur,
Mangalagiri,
Guntur (Dt),
Andhra Pradesh.
PIN-522302

Sir,

Sub: Request for permission of our Microbiology students to visit your Reputed company – regd.,

With reference to above subject, as part of Degree course curriculum, the students of our college who are studying Microbiology need to visit industry and should expose to R&D division. Hence I request you kindly permit 25 students of our college to visit your reputed company in your convenient date and time.

Your kind permission to visit industry is more useful to upgrade knowledge & skill of student community.

Thanking you.

Yours Truly,

Principal

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomus)
Machavaram, VIJAYAWADA - 520 004.

FIELD TRIP COCA-COLA BEVERAGES

"Ones Destination is never a place, but a new way of seeing things"

Hindustan Coca-Cola Beverages private limited. One of the branches of this company. Located near Vijayawada in Atmakur village.

The Coca-Cola Company is an American corporation, and manufacturer, retailer and marketer on alcoholic Beverages Concentrates and syrups.

The company is best known for its. Flagship product Coca-cola invented in 1886 By Pharmacist John stith Pemberton in Atlanta Georgia.

The Coca-Cola Company and formula brand where brought in 1894 by As a Griggs Candler who incorporated the Coca-Cola Company.

The company only produces syrup concentrate which is then sold to various bottlers throughout the world Here the list of some Coca-Cola products are minute maid, Coca-Cola, Fanta , sprite, Diet coke, Coca-Cola zero, vitamin water and powdered, Gold peak,Pepsi,Thumsup etc.,

My experience on field trip of Coca-Cola:
Iam K.vishwanethry presenting Bsc Microbiology in srr and cvr government degree college .As a part of our course we have to attend some field trips. On behalf of that we are invited to coca beverages for study of Microbial Activity for the Bulk production of Beverages. The representative of that company guided us to learn. How the product is manufactured. That branch is one of the biggest production unit of Coca-Cola Beverages.

The production starts with Sugar, Fruit juice, flavours and Concentrate Or Beverage base. We studied the microbial usage for Beverage production.
The responsibility of this field trip was headed by our two faculty members Mrs.D.Jyothi in charge of Botany and microbiology Dept.
and Mrs.Dorcas Anand mam Dept of Microbiology of our college the company also co-operated with us for a success full field trip.


You are Entering an ISO 9001-2008, ISO 14001-2004, ISO 22000:2005, OHSAS 18001-2007 Certified Plant
GST:37AAACH3883M1ZQ
హిందుస్థాన్ కోకా-కోలా బేవరేజస్ ప్రైవేట్ లిమిటెడ్
ఆత్మకూరు విలేజ, మంగళగిరి మండలం, గుంటూరు జిల్లా - 522503
రిజిస్టర్డ్ ఆఫీసు: బి - 91, మాయాపురి ఇండస్ట్రియల్ ఏరియా, ఫేస్-1, న్యూఢిల్లి - 110 064
ఫోన్స్: (08645) 234505 & 234506, ఫ్యాక్స్: 08645-234508.
Coca-Cola


Welcome!
HCCB
Atmakuru Unit

SRR & CVR GOVERNMENT DEGREE COLLEGE
VIJAYAWADA, KRISHAN
DIST., A.PNAAC
B+GRADE (CGPA:2.60)

DEPARTMENT OF MICROBIOLOGY

EDUCATIONAL TOUR

29TH Jan - 1st Feb 2020

MADRAS UNIVERSITY

SRR & CVR GOVT. DEGREE COLLEGE

(Autonomous)

NAAC accredited with 'B' Grade

Machavaram, Vijayawada – 520 004, Krishna District.

Cell: 94922 34488 Ph: 0866-2430060 Fax: 0866-2441092 www.srrcvr.org srrandcvr@gmail.com

Dr. Velaga Joshi, Principal

M.A.(Phil.), M.A.(Edn.), M.A.(M.C.J.), B.L., M.Phil., Ph.D

27-12-2019

To,

The Head of the Department,

Dept. of Microbiology & BOTANY

University of Madras,

Chennai.

Dear Sir,

Sub: Requesting letter to issue permission letter to visit your department for our faculty & students of our college- regd.,

With reference to subject cited above, As part of course curriculum our students & faculty are desperately need to visit your prestigious department to upgrade knowledge & want to equip themselves to confront every challenge of present society.

I request you kindly grant permission to our team to have cutting edge knowledge. On after 26th January.

Thanking you Sir.

Yours Sincerely

No of students - 25

No of faculty - 03

Principal

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomus)
Machavaram, VIJAYAWADA - 520 004

SRR & CVR GOVT. DEGREE COLLEGE

(Autonomous)

NAAC accredited with 'B' Grade

Machavaram, Vijayawada – 520 004, Krishna District.

Cell: 94922 34488 Ph: 0866-2430060 Fax: 0866-2441092 www.srrcvr.org srrandcvr@gmail.com

Dr. Velaga Joshi, Principal

M.A.(Phil.), M.A.(His), M.A.(M.C.J.), B.L., M.Phil., Ph.D.

To,

The Divisional Regional Manager,
South Central Region,
Vijayawada Railways,
Vijayawada.

Respected Sir,

Sub: Request for concession for education tour for students of SRR & CVR Govt degree college, Vijayawada.

The students of SRR & CVR Govt degree college are visiting Madras University as a part of Educational Tour on 30/01/2020.

No of students – 21, Girl students – 08, Boys – 11, Faculty – 02.

In this regard I humbly request you to give concession for students and faculty.

Train No 12711 towards Chennai on 30/01/2020.

Train No12712 towards Vijayawada on 01/02/2020.

Thanking you,

Yours Truly,

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)
Machavaram, VIJAYAWADA-520 004.

SRR & CVR GOVT DEGREE COLLEGE (A)

ACCEPTANCE LETTER

I I am Father/ ~~Mother~~ of B.Teja studying Bsc.MBC in SRR & CVR GOVT DEGREE COLLEGE (A), Here by giving my acceptance to send my son / ~~daughter~~ to **CHENNAI** Educational tour on 29th January to 1st Feb conducted by Dept of microbiology.

B.V.V. Prakash.
Signature of parent

B.Teja naga Sai
Signature of student

D. Jyothi
Signature of in-charge of

Dept of Botany & Microbiology

Signature of Principal

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomus)
Machavaram, VIJAYAWADA - 520 004.

SRR & CVR GOVT DEGREE COLLEGE (A)

ACCEPTANCE LETTER

I Srinivas Father/ Mother of Surya studying MBC-II in SRR & CVR GOVT DEGREE COLLEGE (A), Here by giving my acceptance to send my son / daughter to **CHENNAI** Educational tour on 29th January to 1st Feb conducted by Dept of microbiology.

G. Jyothi
Signature of parent

G. Jaya Prakash.
Signature of student

D. Jyothi
Signature of in-charge of

Dept of Botany & Microbiology

Signature of Principal

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomus)
Machavaram, VIJAYAWADA - 520 004.

SRR & CVR GOVT DEGREE COLLEGE (A)

ACCEPTANCE LETTER

I Raju.D Father/ Mother of Keerthi.D studying IInd MBC in SRR & CVR GOVT DEGREE COLLEGE (A), Here by giving my acceptance to send my son / daughter to **CHENNAI** Educational tour on 29th January to 1st Feb conducted by Dept of microbiology.

D. Raju
Signature of parent

Keerthi.D
Signature of student

D. Jyothi
Signature of In-charge of

Dept of Botany & Microbiology

Signature of Principal

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomus)
Machavaram, VIJAYAWADA - 520 004.

SRR & CVR GOVT DEGREE COLLEGE (A)

ACCEPTANCE LETTER

I Mohan Rao.B Father/ Mother of Vikyath studying IV MBC in SRR & CVR GOVT DEGREE COLLEGE (A), Here by giving my acceptance to send my son / daughter to **CHENNAI** Educational tour on 29th January to 1st Feb conducted by Dept of microbiology.

B. Mohan Rao.
Signature of parent

Signature of student

D. Jyothi
Signature of In-charge of

Dept of Botany & Microbiology

Signature of Principal

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomus)
Machavaram, VIJAYAWADA - 520 004.


SRR & CVR GOVT. DEGREE COLEGE
(Autonomous)
Machavaram, Vijayawada. 520004
Department of Microbiology & Botany
EDUCATIONAL TOUR TO CHENNAI
Date: 29th Jan - 1st Feb
Staff & Students
Dr. Velaga Joshi
Principal

EXPERIENCES OF STUDENTS ABOUT EDUCATIONAL TOUR TO CHENNI

s



DEPARTMENT OF BOTANY & MICRO BIOLOGYMADRAS UNIVERSITY ---EDUCATIONAL TOUR



On 30th January, 2020, 30 students with 2 teachers went to MADRAS UNIVERSITY GUINDY CAAMMPUS with an aim to visit the DEPARTMENT OF BOTANY& MICROBIOLOGY. The objective of this trip was to get to know university in more details in terms of the instrumentation and exposure to the different applications .We went to different departments of Botany including plant pathology, microbial and metabolites lab ,mycology lab ,algal lab ,fungal lab. we saw the instrumentation of each department mainly :Mille Q water purifier, shake incubator, centrifuge, cooling centrifuge. We are guided by host for each department who explained in detail about the particular research work going in the lab. During the tour we jotted down some notes .we came to know that there is a lot of research work going on in different aspects. We learned various things about the university ,and something that was new and beneficial to us. The trip was very helpful for thepractical knowledge which was not available everywhere.

A. MadhuNinarika
3rdB.Sc BZC

EXPERIENCE AT MADRAS UNIVERSITY



We the young gangsters of Bsc BZC and MBC have a phenomenal experience at Madras University. We took a lot of effort in the university to learn about the weird things. The atmosphere in the university is quite remarkable and amazing. We have enjoyed a lot, learnt different things and captured some funky memories. Apart from the memories that we have collected we have gathered a lot of information and read a lot of books that were present in the central library and learnt lot about the instrumentation concepts which are useful and beneficial to us.We saw algology lab and saw certain algae and performed some experiments on it. We were just amused with the research that was going on in the University. The university has just lift up on our thoughts with the research. We have visited plant pathology lab and saw different samples that were infected to plants such as tomato etc. We saw different types of instruments such as laminar air flow in which advanced research is going on. Most importantly we say the bio imaging in which it uses fluorescent property to detect the cancer cells.We also visited the central library in which there are lot of useful books to study and also there is lot of knowledge to gather. Moreover the university and professors has shown us how the university feels when we study over there. Moreover we enthusiastically performed all the activities in the university with great interest. The time has just flew away and cherished a lot of memories. The labs in the university are very magnificent and eye catching. We enjoyed a lot in travelling played some games and it was enjoyful. We have cherished a lot of memories and had a wonderful experience as a whole.As a result we not only gathered memories but also we have solidified a lot of knowledge.

G. Sai Ram
2ndB.Sc BZC



FIELD TRIP EXPERIENCE IN MADRAS UNIVERSITY

We the students of B.Sc. Microbiology & Botany departments have a experience at madras university. Taking students to an educational field trip might improve the knowledge regarding's to their own talents, skills and much more rather than they learn through looks or pictures. We visited Chennai at MADRAS UNIVERSITY to an area. The university of atmosphere is beautiful and amazing. We enjoyed a lot and we visited central Library we have collected and gathered lot of information and concepts, to gain a knowledge. Which is also a peaceful place to learn an abundant information and easy knowledge through the concept of the particular content. We can try to new things have different experiences and learn valuable life sciences lessons. Activities that happen on this university after include lectures, labs, research work and demonstration. The purpose of the research work and experience to provide occupational therapy to integrate academic knowledge. The practical experience with the help of research scholars and students remember learn and understand the subject PROF.G.N.RAMA CHANDRAN INSTRUMENTATION CENTRE will help rein force of research labs and material bringing lessons to life. Professors guided in knowledge all over view about the Institute and where the research work is going on we went the culture medias, and growth of the particular bacterias.Learning laboratories and make it possible to take students saw an high powered & bright field microscopes Algology,immunology, bacteriology, pathology laboratories certain viruses, bacteria, algae performed experiments on it. And each experience solidifies learning and important academic concepts. We enjoyed a lot .More over enthusiastic ally performed all the activities in the university. The trip was very helpful for practical knowledge which was not available any place and any where.



G. Surya Prakash
2nd B.Sc MBC



EXPERIENCE AT CHENNAI

Taking students to an educational field trip might improve the knowledge regarding their own talents, critical thinking, skills and much more rather then they learn through looks and pictures. SRR and CVR government Degree College migrate to Chennai Madras University to learn information about subject and the techniques they used. Where is the best way to help the students remember thinking and also to memorize the experience. Madras University has pleasant Outlook with all the plants and trees grown. All the way towards the labs and classrooms. All the students and professor lovable to showing the campus.First explain overview of Madras University and where the research is going on then we divided into two groups to saw Labs. Bacteria culture media, viruses and algal cultures.We saw the equipment like distillation unit, scanning electron microscope (SEM), spectroscopy and extraction of metabolites from plants. Then we moved to science museum. We saw collection of arts, human skulls, bones birds and animals skeletons. Later we moved to Chennai Central library there is a peaceful environment and so many books



D. Keerthi
2nd B.Sc MBC

are there in library. Finally we moved to planetarium where we saw physics equipment and know about planets. All the students who involved very much excited to gather the fruitful knowledge with the trip.


UNIVERSITY OF MADRAS
Dr.A.L.M.P.G.I.B.M.S., TARAMANI CAMPUS
Microbiology Building
Inaugurated by
Dr.R. THANDAVAN
Vice - Chancellor, University of Madras
19.02.2014
REDMI NOTE 6 PRO
MI DUAL CAMERA


Samsung Dual Camera
Shot with my Galaxy A30


REDMI NOTE 6 PRO
MI DUAL CAMERA


Samsung Dual Camera
Shot with my Galaxy A30

BRIEF REPORT ON VISAKHAPATANM & ARAKU VALLEY EDUCATIONAL TOUR

CONDUCTED BY

Dept's of POLITICAL SCIENCE & PUBLIC ADMINISTRATION

SRR & CVR GOVT. DEGREE COLLEGE (A), VIJAYAWADA

Date: 24-02-2020 to 27-02-2020



SUBMITTED

BY



Dr.DSVS.Balaaubrahmanyam

Tour Facilitator

HoD Dept. of Political Science

SRR & CVR GOVT. DEGREE COLLEGE (A), VIJAYAWADA

Brief Report on Visakhapatnam & Araku Valley Educational Tour

Education Tour offers an opportunity for a rich immersion experience and tremendous way to facilitate learning. In educational tour, students have the chance to experience and explore much deeper level than they ever could in the class room. Therefore the Department of Economics, Political Science, History & Public Administration, SRR & CVR Govt. Degree College (A), Vijayawada, Krishna District organized an educational tour to Visakhapatnam &Araku Valley on 24^{4h} and 27th February, 2020. This was a great idea of Dr. Velaga Joshi, The principal of SRR & CVR Govt. Degree College, Vijayawada. This idea implemented by the staff members of

Department of Economics. Political Science, History & Public Administration. Fifty Five students of which 14 were girls and 42 were boys from our BA Group went for the tour accompanied by seven faculty members, Sri. N. John sukumar (HOD, Department of Economics) as a convener.

Pre planning and preparation: Success of every event is depends upon the strong planning and coordination. So like other tours conducted earlier we have given maximum time and used highest resources to plan educational tour for our students.

Selection of location: It is very important in the prospect of all the essential aspects as part of curriculum, education, inspirational and motivation. Keeping all factors in mind our faculty and students together decided to go to Visakhapatnam & Araku Valley.

Train booking: After taking final list of the students and staff members Sri. N John Sukumar & co booked train tickets with student concession from Vijayawada to Visakhapatnam in Rathnachal express and from Visakhapatnam to Vijayawada in LTT express.

Bus Booking in Visakahapatnam: We booked very comfortable busses (1 AC bus for Gils and 1 luxury bus for boys).of Tejaswani Travels for three days to see Visakhapatnam & Araku Valley well in advance.

Accommodation Breakfast and Dinner: We have booked rooms in Shyam AC dormitory for three days well in advance. Breakfast Luncg and dinner is arranged by the tour convener at castle a sea view hotel.

Objectives of the tour

The specific objectives of the tour are

1. **Real world experience:** Students practice their skills and critical thinking abilities outside of the controlled class rooms and he/she able to learn real world lessons.
2. **Socialization:** Taking students into a new environment give us the experience of travelling in a group teaches us to socialize and to be respectable of the places we visit.
3. **Reinforcement:** The tour can reinforce what a teacher has been instructing in class room about the subject and help students understand the topic better.
4. **Bonding:** students may be spend much of the trip day in small groups observing, chatting and learning about each other, and it will form a new bond among the students.
5. **Fun:** Students have fun and enjoyment with their friends and they also may return to the class room with a renewed focus with their college work.

Significance of the tour:

The educational tour provided valuable learning opportunities away from the class room without using the text books and other normal college setting. By coming into direct contact with different environment student can better understand their place in the community and develop openness to

differences in others. Particularly we planned to meet the tribal people and find out their life style and economic conditions of them.

Tour proceedings

22th February 2020: All the 55 students and Seven staff members presented in SRR & CVR Govt. Degree College, Vijayawada at 5:30PM. All the students gathered at Sri Viswanatha kala vedika



and Dr. velaga Joshi garu gave them some instructions about the tour and each and every student is given the instructions through whatsapp group by tour management. We had a photo session with principal, staff and the students.

Then we have divided the students into six groups. Each group is headed by one faculty member and instructed the students to gather at Clock tower, Vijayawada railway station on 24th Feb. 2020 by 5 AM and we dispersed.



24th February 2020 (Monday): All the students gathered near clock tower at Vijayawada railway station anfd moved to platform no 5 to catch Rathnachal Express. The train started at exactly 06:05 AM. It's a few hours journey to reach Visakhapatnam railway station. It took six and half Hours to reach our destination. We reached Visakahaptnam at 12:30 PM. All the students and staff memberscompleted their Lunch in the station itself. Tejaswani busses came to rail station at 1:30 PM. And we moved to Shyam AC Dormitory. We kept our luggage in the rooms and freshened up and moved to see Visakahpatnam. First we went to Ramanaidu studios but time not permiotted us it was closed. Then straightway we went to Thotlakonda a Buddhist site.

Thotlakonda: Thotlakonda is a Buddhist site located on the way to Bheemili Town. The name



literally means Troughs which are used to store the rain water. Thotlakonda was a much influenced Kalinga region from where the Buddhism was carried out to Sri Lanka and various other parts of South- East Asia. Hinayana Buddhist complex came into spotlight when an excavation was conducted in the period of 1988 – 1993



by Archaeological Department of Andhra Pradesh. This complex dates back to 2000 years. The roman coins and Satavaha na coins found here indicates that the foreign trade flourished here. After visiting this historical place we moved to Rishikonda Beach.

Rishikonda Beach: Rishikonda Beach lies on the Bhimli road and is a magnificent beach resort. It is also known as "the Jewel of the Eastern coast" due to its picturesque aesthetics. Sitting by the coastal shores and watching the waves of the Bay of Bengal is a great leisure activity. The golden sand dunes and aqua water of the sea present a spectacular sight. The beach is also named as "Sight for swimmers" as it is safe for swimming and other marine activities.



After visiting Rushikonda beach we went to Castle the beach hotel for dinner. After taking the dinner we came back to Shyam AC Dormitory.

25th February 2020 (Tuesday): Today we started at 8:30 AM in two Volvo busses to castle for our breakfast. After finishing the breakfast we rushed to Sinhachalam.

Simhachalam Temple: Simhachalam Temple is also known as Simhadri temple. The idol of Lord Narasimha in the temple is in tribhangi posture. It resembles the head of lion on a human fram. The temple faces the west direction and has fine collection of Kalinga architecture. The inscriptions in the temple date back to the 11th and 12th century. The area around the temple has coverage of mango trees, shrubs and cashew trees. After visting Simhachalam we have a plan to visit Kailasagiri.



Kailasagiri Park: Kailasagiri is a famous tourist attraction point in the city. It was established by Vishakhapatnam Urban Development Authority and was announced plastic-free zone. The park is based at a 360 feet high hill offering you panoramic view of the serene surroundings. It spans over 150 hectares of land having lush green grass and tropical trees. We can view the Bay of Bengal on the eastern edge of the park. The Vishakhapatnam city and forests are easily visible on the other edges. The main focal point in the park is a statue of Lord Shiva and Parvati. The exquisite is made of white marble and has a height of about 40 feet. We visited the nearby attractions





such as Shanti Ashram, seven wonders of Vishakhapatnam, Titanic view point, Gliding base point and many others. There was train available here to see in and around kailasagiri. Some of our students entered into rope way. It's a first of its kind in Andhra Pradesh as well as in the whole of coastal India. It offers a 360-degree view from the fibre-glass cabins while travelling up and down the 375 meter rope way. After visiting this kialasagiri we went for the Lunch in same place where we had the breakfast at Castle. After lunch we moved to Ramanaidu Film Studios.

Ramanaidu Film Studios: The entire studio can be covered in less than 40 minutes. As the studio



is located on the top of a hill and offers a mesmerizing view of the ocean. Actually it looks like a small planned city with all types of houses, a bungalow, small temple and shops. The buildings are real and their interiors are made as per shooting requirement

Ramakrishna Mission Beach: Rama Krishna Beach is a heavily crowded beach during the peak summer seasons. The tall lush green coconut trees, golden sand dunes and the emerald sea water all look exceptional. A barefoot stroll along the coastal shores of the beach is a pleasurable activity. We ate the local seafood that is available at the food stalls along the coastal shores. The sunset at the beach is adorable.



INS Kursura Submarine Museum: Museum is also known as Swarna Jyoti Museum and showcases the rich artifacts of Indian nautical history. In the museum number of pictures, model and other exhibits that reveal the rich ancient history of the Indian marine history. The students learned about the growth and development in Indian Navy after the Independence. All the exhibits of the Naval Museum have been classified into five categories. The main five groups are naval archives, ocean resources maritime history, and eastern seaboard setups, and ports.

TU 142 Aircraft Museum: After 30 years of service the TU-142M aircraft of Indian Navy was decommissioned and placed at Visakhapatnam sea beach by converting it to a museum. Located just



opposite to Submarine museum this became one more major tourist attraction at RK beach area. There is an entry fee of Rs 70 / - per person. Before entering into the aircraft a guide has been given to us and he explained everything about the Aircraft. We can see display of various



equipments and parts of aircraft placed inside one exhibition hall. Equipments like sonobuoys, propeller, engine, survival kit, anti submarine missile, data recorder etc are displayed with all details. After visiting the exhibition we entered into the aircraft. Photography is not allowed inside the aircraft. After seeing various equipments inside the plane we came out of the aircraft from its backside door. Outside the aircraft we took photos and the area is well maintained. There is a flight simulator platform which can be enjoyed through VR headsets.

After visiting RK beach we moved for dinner at Hotel Castel and came back to Shyam dormitory. Students were given instructions about the tomorrow's Araku programme.

26th February 2020 (Wednesday):

Train Journey to Araku. Today we started at 6AM. The busses were ready to drop us at



Visakhapatnam Railway Station to catch the Vishakhapatnam-Kirandul Passenger which starts at 06:50 A.M. The tickets booked in advance and all the students settled in their respective seats. The Breakfast finished by our students and staff by7:30AM. The 1st one hour of the journey feels very normal. After crossing two small stations, the train starts climbing up the hills through tunnels and bridges. Most of the time valley falls in right side of the train while going towards Araku from Vizag and waterfalls remain at left side. On the way small and big waterfalls can be seen from the train. The green valley and river combination gives a spectacular view from the train. The train passes through tunnels and bridges on its journey. After CHIMIDIPALLI station the waterfall comes at left side just after a tunnel. The longest tunnel is 520 meter long. This train line passes through 84 bridges and 58 tunnels. The train also passes above the Borra caves.



Araku Valley: After an existing travel for more than 5 Hours we reached Araku railway station at 12:30 p.m. then we move to visit botanical gardens

The Padmapuram botanical Gardens: The Padmapuram Gardens is known to be a favorite among many tourists who visit Araku Valley. Boasting heavily of a variety of species of flora, the garden is home to an exquisite rose garden, treetop huts and a fun toy train for rides around it. The garden was built to supply food and vegetables to soldiers of World War II in 1942 in a plot of 26 acres and later on, converted



into a horticulture nursery with a training centre. The range of flower species and trees is a visual feast, which can be enjoyed even more if one decides to stay in one of the hanging cottages ten feet above the ground.

After visiting the botanical gardens students got the importance of protecting trees and as well as protecting the enviromnet. The time passed 2'o Clock here in gardens students were hungry and we rushed nearby hotel samjevini. After our lunch we reached Tribal museum. But due to time factor we decided not to go the museum and we moved to Borra caves. In the drive to borra we visited two important attraction in Araku. One is Galikonda view point and other one is coffee plantations.

Galikonda View Point: The Galikonda View Point is a small viewing point in the Ananthgiri Hills.





The place offers good views of the whole Ananthgiri hills & valleys. One can look down at the railway line and the road slowly snaking its way up from the bottom of the valley to the top. There is a small stall at the top offering tea/ coffee and bamboo chicken (which is a local specialty). We stopped here a while and took pictures. Then we moved to Coffee plants just in 5 mts and we started to Borra Caves.

Borra Caves: We reached borra caves around 4 PM. Entry fee is Rs70/- per person and ticktes b



ought for all and moved to see Caves**.** The caves open with 100 meter on horizontal plane and about 75 meters on vertical plane. These caves spread over an area of one square KM and the origin of river Gosthani which flows through the district. This location is at a height of 800 to 1300 meters from MSL. William King the British geologist discovered this million years old cave in the year 1807. The humic acid in the water reacts with calcium carbonate in the limestone and dissolves the minerals breaking the rock gradually. The perennial water flow over a period of time resu lts in the formation of caves. Stalagmites are formed due water percolating from the roof containing calcium bicarbonate and other minerals from mounds. One can



see different formations of the stalactites and stalagmites as Shiv-Parvati, Mother-Child, Rishi's Beard, Human Brain, Crocodile, Tiger and Cows udder.

After the visit of spectacular caves we returned to Visakhapatnam and we reached our rooms by 9 PM packed up everything and returned to Visakhapatanam Railway Station. Finished our dinner there and entered the train LTT Express and occupied our berths. We reached Vijayawada Railway Station by 6:30AM. After identifying the number of students we dispersed with so many memories with us.

Feedback from the students: Students were very much satisfied with the places selected by the tour committee. Students loved the journey to Araku and enjoyed the beauty of Valley. They also enjoyed the places like INS kurihara, Kailasagiri, Borra Caves and so on. This was the learning as well as fun oriented trip for all of them where they have developed close bond with all the students. Various inner hidden skills like leadership, creativity, singing, music etc., came out during this trip. It was unforgettable experience for all of them. They have requested to go for similar educational tour on regular basis and had shown their sincere gratitude towards Principal Dr. Velaga Joshi Garu, for his support and effort for the success of the Visakhapatnam - Araku tour.

SRR & CVR GOVT. DEGREE COLLEGE (A), VIJAYAWADA - 4
VISAKHAPATNAM – ARAKU VALLEY EDUCATIONAL TOUR
24-02-2020 To 27-02-2020
INSTRUCTIONS TO THE STUDENTS

1) Students must attend college, on 22nd February 2020 for a photo session with our Principal along with Departmental heads.
2) We will get into the train **(Rathnachal express Train No: 12718)** in Vijayawada railway station at 6 AM on 24th Feb 2020. Every student must reach clock tower at Vijayawada Railway station premises by 5 AM.
3) We are going to get down at Visakhapatnam railway station on 24th February 2020 at 12:15 PM and students are instructed to finish their lunch at railway station itself and we will move to Shyam AC Lodge (Dormitory). Check in time: 01 PM
4) Tentative Tour schedule

24-02-2020 After a little bit rest going to see Vizag surrounding places

25-02-2020 Going to visit some of the important places in Vizag

26-02-2020 Araku valley – we must reach Visakhapatnam Railway station by 6AM the trrain starts to Araku at 6:50AM. After Finishing Araku visit we will come down to Vizsag, finish our Dinner and vacate the rooms by 10PM and must reach Visakhapatnam

Railway station by 10:30 PM to catch **VSKP LTT Express (18519). The train starts at 11:25PM.** We will reach Vijayawada at 06:35 AM on 27th February 2020

5) Students should bring their lunch and dinner for the first day of tour.
6) Students are informed to bring money to pay for any kind of entry expenses in sightseeing.
7) You can bring blankets, socks and mosquito coils with them.
8) You can carry your refreshment (chapattis, puris, lemon rice, snacks, water, etc.) to eat in train on 24th February 2020 if possible. You are free to bring eatables with you or you can take breakfast, lunch in train with your own expenses.
9) You are informed your coach and seat no priorly and student have to occupy his/her seat and afterwards you can adjust your seat with your friends.
10) **Every Group must name one student as a leader for their team.**
11) **Students must bring college ID and aadhar card with them and they have to show when ever is required in the entire tour.**
12) You have to safeguard your own belongings.
13) Please avoid bringing any expensive gadget or valuables.
14) **You are expected to be in line with the faculty decision, and behave in a decent manner.**
15) Students are not supposed to engage in any unacceptable activity that would hamper the repute of the institute.
16) You have to report to your group leader every time.
17) **You are not supposed to go anywhere without faculty permission.**
18) Each time you board a bus or leave a building, you should take a count of your group.
19) **If a there is a medical concern during the trip, notify faculty immediately**.
20) Students must prepare tour book and submit it with feedback and suggestions.
21) Students are divided into seven groups headed by seven faculty members and the details are already posted in whatsapp group.

Dr.DSVS.Balasubrahmanyam
Tour Facilitator

SRR & CVR GOVT. DEGREE COLLEGE (AUTONOMOUS)

VIJAYAWADA - 4

We, The **Departments of Political Science and Public Administration, Economics and History** are planning to go for an educational tour to Visakhapatnam and Araku vally on **24h February, 2020**. The train Numbers and Names, Journey date and the details of staff and students are under given.

1. **On wards Journey: Date: 24/02/2020 Monday Ratnachal Express (12718)**
   From Vijayawada(BZA) 06:05 AM

To Visakhapatnam(VSKP) 12:15 PM

2. **Return Journey: Date: 26/02/2020 Wednesday VSKP LTT Express (18519)**

   From Visakhapatnam(VSKP) 11:25 PM

   To Vijayawada(BZA) 06:35 AM (27-02-2020)

3. **Date: 26/02/2020 Wednesday VSKP-KRDL PASS (58501)**

   From Visakhapatnam(VSKP) 06:50 AM

   To Borra Guhalu(BGHU) 09:40 AM

No of Students: Female: 14 Male : 40 Total : 54

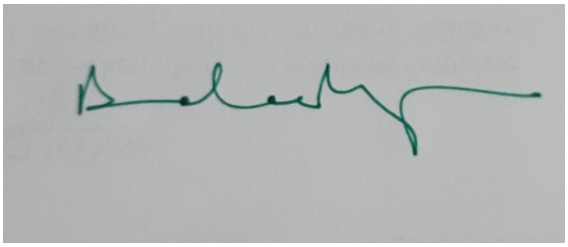
No of Staff Members: **Female: 02 Male : 06 Total : 08**

Total No of travellers: **62**

STAFF IIST

Sl. No.	Name of the Student	Group	Sex	Age
1.	Dr.DSVS.Balasubrahmanyam		MALE	47
2.	N.John Sukumar		MALE	46
3.	P. Srinivasulu		MALE	49
4.	K. Chandra Sekhar		MALE	43
5.	A.Chandrasekharachary		MALE	42
6.	K Narasimha Rao		MALE	40
7.	Khurdus Ghani		MALE	26
8.	G. Jhansi		FEMALE	38
9.	B. Sundara Kala		FEMALE	37
STUDENTS LIST: BOYS: 40 GIRLS: 14 TOTAL: 54				
1.	J Chandrika	I MA	FEMALE	26
2.	Gnaneswari	3 BA	FEMALE	20
3.	Karishma	3 BA	FEMALE	19
4.	Heena	3 BA	FEMALE	19
5.	ramanamma	3 BA	FEMALE	19
6.	Divya	3 BA	FEMALE	20
7.	Shahida Banu	3 BA	FEMALE	20
8.	Lakshmi	3 BA	FEMALE	20
9.	Revathi	2 BA	FEMALE	19
10.	Subhashree	2 BA	FEMALE	19
11.	Sravani	2 BA	FEMALE	19
12.	Gayatri	2 BA	FEMALE	19
13.	Durga Bhavani	2 BA	FEMALE	20
14.	Tejaswini	2 BA	FEMALE	20
15.	Raghava	3 BA	MALE	20
16.	Sai	3 BA	MALE	21
17.	Praveen	3 BA	MALE	22
18.	Anil	3 BA	MALE	21
19.	Jani	3 BA	MALE	21
20.	Isu	3 BA	MALE	24
21.	Rambabu	3 BA	MALE	21
22.	Suri Babu	3 BA	MALE	21

23.	Teja Sai	3 BA	MALE	25
24.	Lokesh	3 BA	MALE	22
25.	Santosh	3 BA	MALE	21
26.	Anil Kumar	3 BA	MALE	22
27.	Ravi Shankar	3BA	MALE	22
28.	Govind	3 BA SHP	MALE	25
29.	Praveen	3 BA SHP	MALE	23
30.	Korneli Raj	3 BA SHP	MALE	20
31.	M Govind	3 BA SHP	MALE	22
32.	Sai Kumar	3 BA SHP	MALE	23
33.	Yesu Babu	3 BA	MALE	22
34.	Durga Prasad	2 BA	MALE	20
35.	Raghu Babu	2 BA	MALE	20
36.	Durga Sai	2 BA	MALE	20
37.	Shiva	2 BA	MALE	20
38.	Santosh Kumar	2 BA	MALE	20
39.	Hari Krishna	2 BA	MALE	20
40.	Navyanth	2 BA	MALE	20
41.	Anil Kumar	2 BA	MALE	20
42.	Gopi	2 BA	MALE	20
43.	Ramprasad	2 BA	MALE	20
44.	Pawan Kalyan	2 BA	MALE	20
45.	Iqbal	2 BA	MALE	22
46.	Ruphous	2 BA PPP	MALE	22
47.	Ajay	1 MA	MALE	22
48.	Rajesh	1 MA	MALE	22
49.	Vamshi	1 MA	MALE	22
50.	Narasimha	1 MA	MALE	23
51.	Alankar	2 MA	MALE	21
52.	Sai Kumar	2 MA	MALE	22
53.	Shravan Kumar	2 MA	MALE	22
54.	Sagar Babu	2 MA	MALE	23



Dr.DSVS.BALASUBRAHMANYAM
HoD Dept. of Political Science &
Public Administration

S.R.R. & C.V.R GOVT. DEGREE COLLEGE(A)

Department of Biochemistry

Study Visit to KVSR Siddhartha College of Pharmaceutical Sciences on 27.11.2021

Report prepared by Sd V Tahaseen

Department of Biochemistry organized a study visit to II B.Sc. students (M.B.C and M.B.F) on 27.11.2021 to Central instrumentation lab - Siddhartha College of Pharmaceutical Sciences, Vijayawada.

The study visit is aimed to enhance the zeal of students towards the recent advances in the field of pharmaceutical sciences and to understand the applications of advanced instruments in the field of research in life sciences.

Students were taken to the library, poster presentation section, and Instrumentation lab on the study visit.



Pharmacy students presented posters on various aspects of biochemistry, green Chemistry, Food technology, multiple drugs used in the treatment of Covid-19, different techniques used to validate drugs like LC-MS, HPLC-MS, GC-MS, N.M.R., etc. Further,

S.R.R. & C.V.R GOVT. DEGREE COLLEGE(A)

Department of Biochemistry





S.R.R. & C.V.R GOVT. DEGREE COLLEGE(A)

Department of Biochemistry

Siddhartha College of Pharmaceutical Sciences is equipped with a central instrumentation lab consisting of HPLC, UV-Visible Spectrophotometer, pH-meter, FT-IR, Digital refractometer, ICP-OES (Inductively Coupled Plasma- Emission Spectroscopy), Flame Photometer, etc.; technician of that lab explained the operating procedures and principle of various instruments.

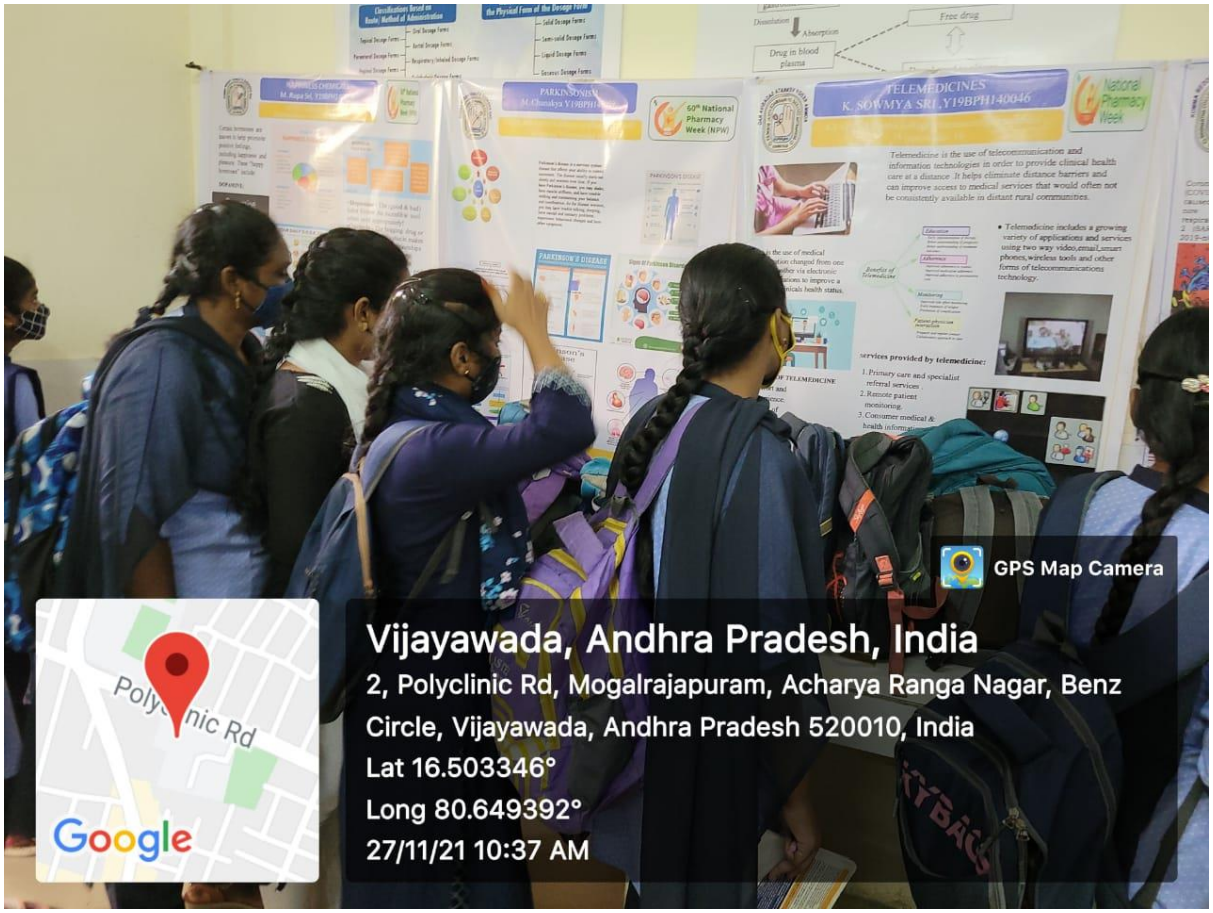




S.R.R. & C.V.R GOVT. DEGREE COLLEGE(A)

Department of Biochemistry





nearly 110 posters were presented relating to the various aspects of biological phenomena, herbal remedies for skin, hair, stress relieving methods, etc.

S.R.R. & C.V.R GOVT. DEGREE COLLEGE(A)

Department of Biochemistry





This study visit was very much helpful to the students, as it allowed understanding the various concepts of day-to-day life and advanced instrumentation techniques. And it would inspire students and create an interest to pursue research in the field of lifesciences.

Acknowledgments:

Thank our beloved principal Dr. K. Bhagyalakshmi for giving our students and faculty permission to attend this study visit.

I extend our heartful thanks to Dr. G. Devarala Rao, principal, Siddhartha College of Pharmaceutical Sciences, for facilitating this study visit.

My special thanks to my colleagues Dr. SK Beebi, lecturer in chemistry, Dr. K. Anuradha lecturer in food technology and E. Sarojini Devi lecturer in biochemistry for their active part of this study visit.

Sd Vaziha Tahaseen
Department of Biochemistry

S.R.R and C.V.R GDC (A) – Vijayawada

SRR&CVR GOVERNMENT DEGREE COLLEGE(A)

DEPARTMENT OF HISTORY

FIELD TRIP TO UNDAVALLI&AMARAVATHI

DATE: 06-04-2021

PARTICIPATED CLASSESS: BA I,II,III

REQUISITION LETTER

Date: 04/04/2022

From
B.Prakasam
HOD, Department of History,
SRR&CVR College, Vijayawada.

To

The Principal
SRR&CVR College
Vijayawada

Respected Madam

Sub:- Request for permission to take student for a field trip to Amaravathi and Undavalli

On behalf of the department of History, of request you to give permission to go for a field trip to Amaravathi and Undavalli on 06/04/2022 with your permission the following lecturers will be taking care of the students during the field trip.

1. B. PRAKSAM
2. K. AJAYI BABU
3. B. UMA TARANGINI
4. K. NARASIMHA
5. M. PADMANABHAM
6. DR. P L N DAS

Yours Faithfully

B. Praksam
Lecturer in History

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomue)
Machavaram, VIJAYAWADA - 520 004.

PLACE OF VISIT: UNDAVALLI AND AMARAVATHI TOWN






GPS Map Camera
Amaravathi, Andhra Pradesh, India
H9G4+XF4, Amaravathi, Andhra Pradesh 522020, India
Lat 16.577116°
Long 80.356295°
06/04/22 03:18 PM
Google


పంచారామములు
SHOT ON MI A3
AI TRIPLE CAMERA
2022/4/6 16:22

PARTICIPANT STUDENTS

List of the students for Field Trip

	Name	class	Sign
1.	Sk. Karimulla.	3rd B.A.	Sk. Karimulla.
2.	Sk. Thabsum	3rd B.A.	Sk. Thabsum
3.	G. Indu	"	G. Indu
4.	R. sravani	"	R. sravani
5.	T. Deepthi Saranya	"	T. Deepthi Saranya.
6.	P. Jyothsna	"	P. Jyothsna.
7.	P. satish	"	
8.	P. Thambi	"	P. Thambi
9.	P. Haritha.	"	~~Hari Ra~~
10.	U. Durga Rao	"	U. Durga Rao
11.	M. Saida.	"	M. Saida
12.	K. Jyothi	"	K. Jyothi
13.	A. Aslesh Kumar	"	
14.	Y. Dakshayani	"	Y. Dakshayani
15.	M. Lalitha Bhavani	"	B. Lalitha Bhavani
16.	D. Aswini	"	D. Aswini
17.	K. sahith kumar	"	K. Sahith Kumar
18.	P. Hemanth	"	
19.	P. Sravani	"	P. Sravani
20.	B. Annie.	"	B. Annie
21.	K. Durga Rao	"	K. Durga Rao
22.	S. Bhavana.	"	S. Bhavana
23.	K. sweety	"	Sweety
24.	[illegible] g. girisha	"	girisha

BA II (2022/April/06)

Name	Class	Signature
1. Rajasekhar	EHP (TM)	P. Raja Sekhar
2 Ashok	SHP	G. Ashok
3. Siva Kumar	EHP (TM)	Siva
4. Nageena	EHP (EM)	Shaik. Nageena
5. Mohan krishna	EHP (EM)	A. Mohan krishna
6. Jyothika	EHP (EM)	D. Jyothika
7 T. Bhavani	EHP (TM)	T. Bhavani
8. M. Deepika	EHP (EM)	Merugu. Deepika
9 Surya sathwik	HET	K. Suryasathwik
10. P. Sai	EHP (EM)	P Sai
11. T. Venkata Naveen	EHP (TM)	J. venkata naveen
12 chaitanya	EHP (TM)	chaitanya.
13. Prakash	EHP (EM)	Prakash
14 P. Dhanush	EHP (EM)	P. Dhanush
15. V. Sai Manoj varma	SHP	V. Sai Manoj varma

Name	class	Signature
16. E. Anusha	EHP (TM)	E. Anusha
17. B. Vikranth	EHP (EM)	B. Vikranth
18. M. Prathanth	EHP (EM)	M. Prasanth Kumar
19. Vishak kumar	EHP (EM)	J. V
20. Ruthvik	EHP (EM)	Ruthvik
	EHP (EM)	
21 M. Srinu	EHP (EM)	M. Srinu
22 K. Venkata ramana	EHP (EM)	K. Venkata ramana
23. B. Durga Prasad	EHP (EM)	B. Durga Prasad
24. Nithin	HET	
26. Durga	SHP.	Durga

25.	T. Tejasri	3rd B.A.	T Tejasri
26.	M. Sivaji	" M.P.	Sivaji
27.	P. Ramakrishna	"	
28.	V. manasa	" V. manasa.	
29.	D. Raja	" D. Raja.	
30	L. Vijya krishna	3rd. B.A	L. vijaykrishna.
31.	D. Prathyusha.	3rd B.A	D. Prathyusha
32.	M. Uma Devi.	3rd	Uma Devi.
33.	B. Badarinath	3rd BA	Badrinath
34.	A. Sirish	3rd BA	Sirish

SRR & CVR Government Degree College (A)
Vijayawada

Department of Mathematics

Field Trip to Mathematics Exhibition at Acharya Nagarjuna University, Guntur on 08-03-2021.

Report by Smt. K.V. Naga Lakshmi, HOD of Mathematics.

Department of Mathematics has organized an educational Field Trip to Mathematics Exhibition at Acharya Nagarjuna University, Guntur on 08-03-2021.

Smt.K.V. Nagalakshmi, Sri. M. L. Das, Dr. Md. Masthan, Dr. G. Lalitha and 60 students of IIIrd B.Sc. (M.S. Cs. & M.P. Cs.) and P.G. Mathematics students visited Mathematics Exhibition at Acharya Nagarjuna University, Guntur. They interacted with Professors, Staff and acquired Knowledge on Mathematics and details about P.G. Mathematics Entrance examination. It created interest among the students for the higher studies.

They interacted with **Prof. Bh. Satyanaraya & Prof. Bhavanari Satyanaraya & Prof. Amarendra Babu** and other staff members. Students have visited various departments and Library in the Acharya Nagarjuna University, Guntur.



HOD of Acharya Nagarjuna University, Prof. Bh. Satyanaraya, interacted with the students and staff.



HOD of Acharya Nagarjuna University, Prof. Bh. Satyanaraya, interacted with the students and staff.



HOD of Acharya Nagarjuna University, Prof. Bhavanari Satyanaraya, interacted with the students and staff.



Publication of Books details at Acharya Nagarjuna University



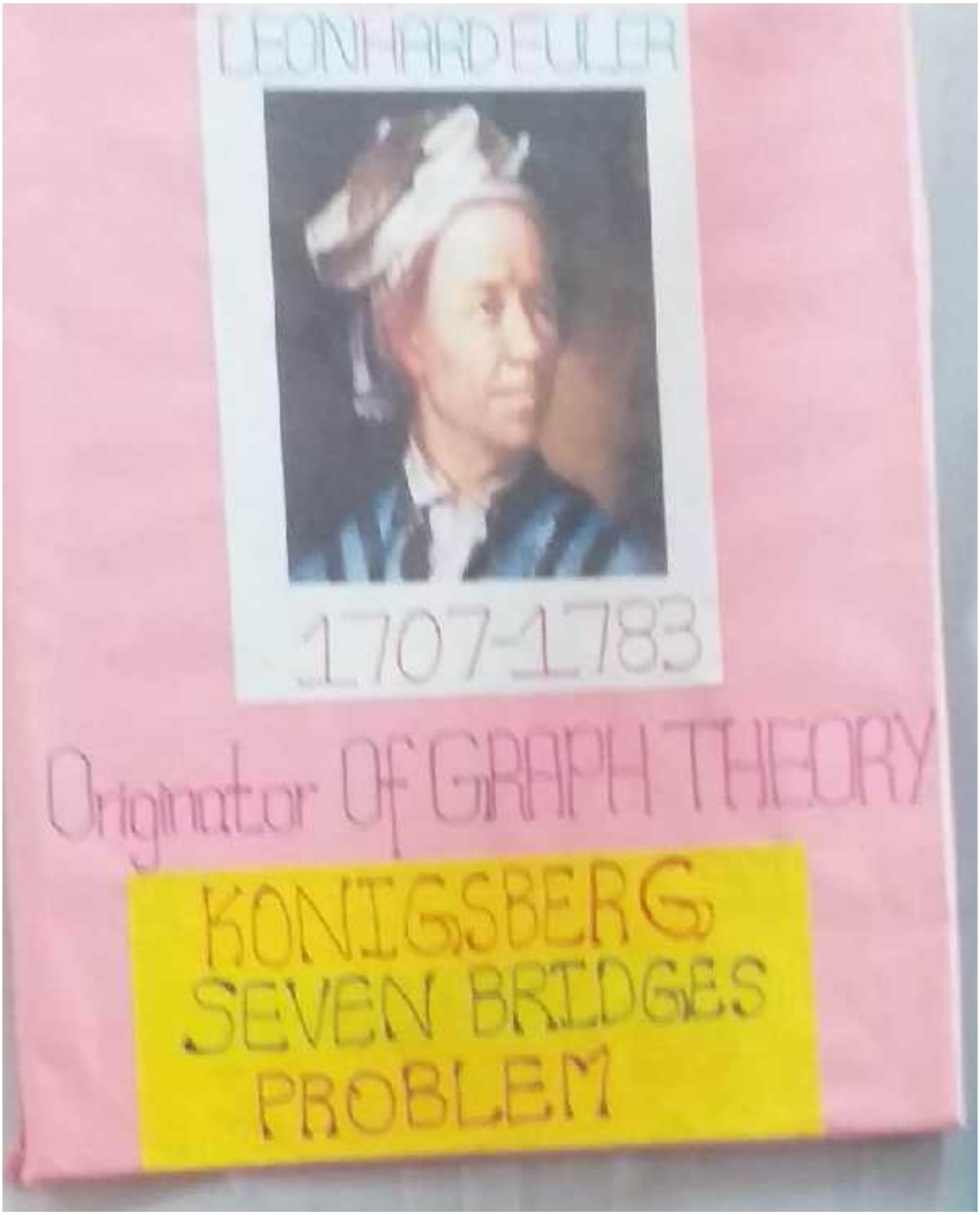
Seven Bridges Problem explained by the students which is the origin of Graph Theory



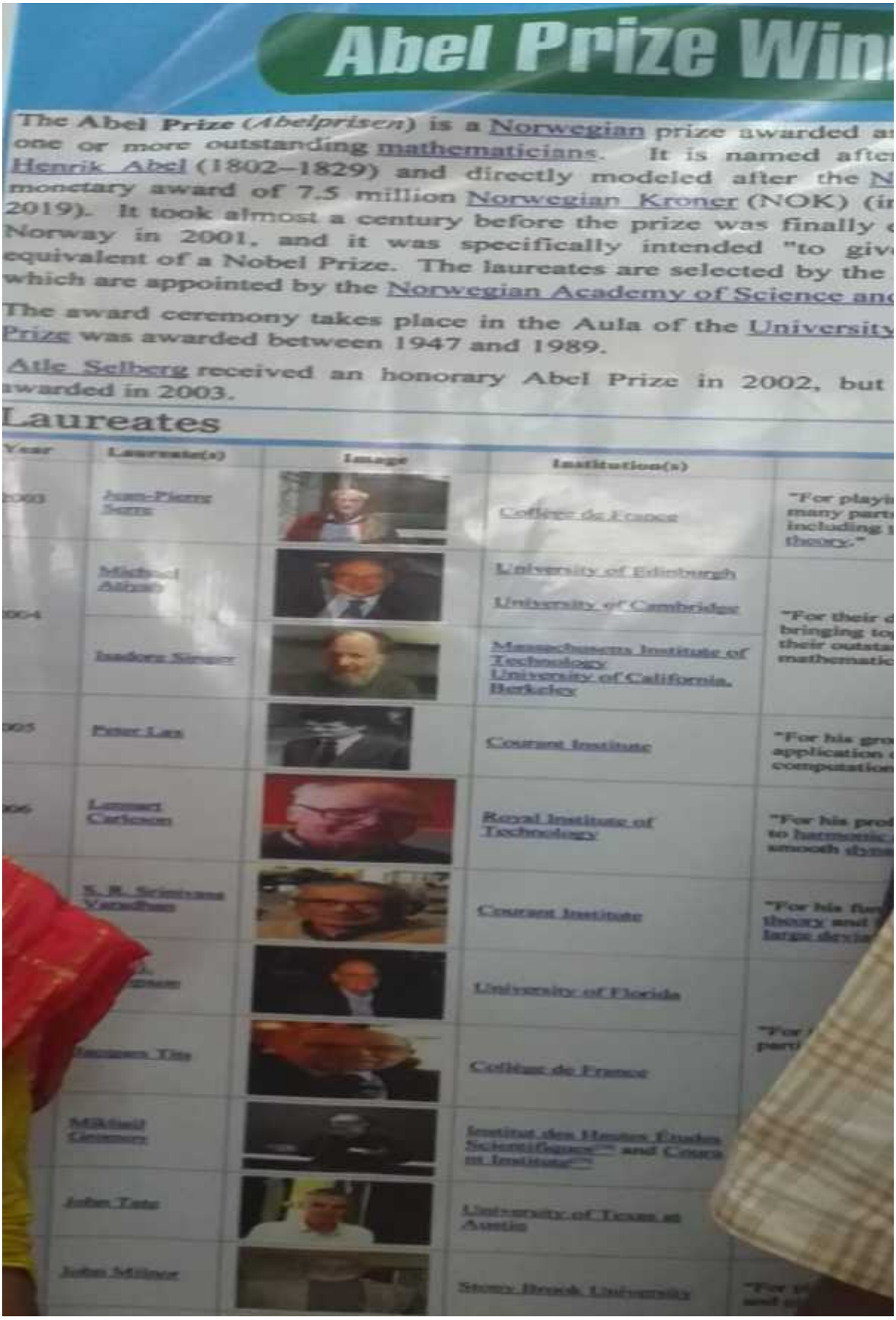
Finding Cubes of a Number



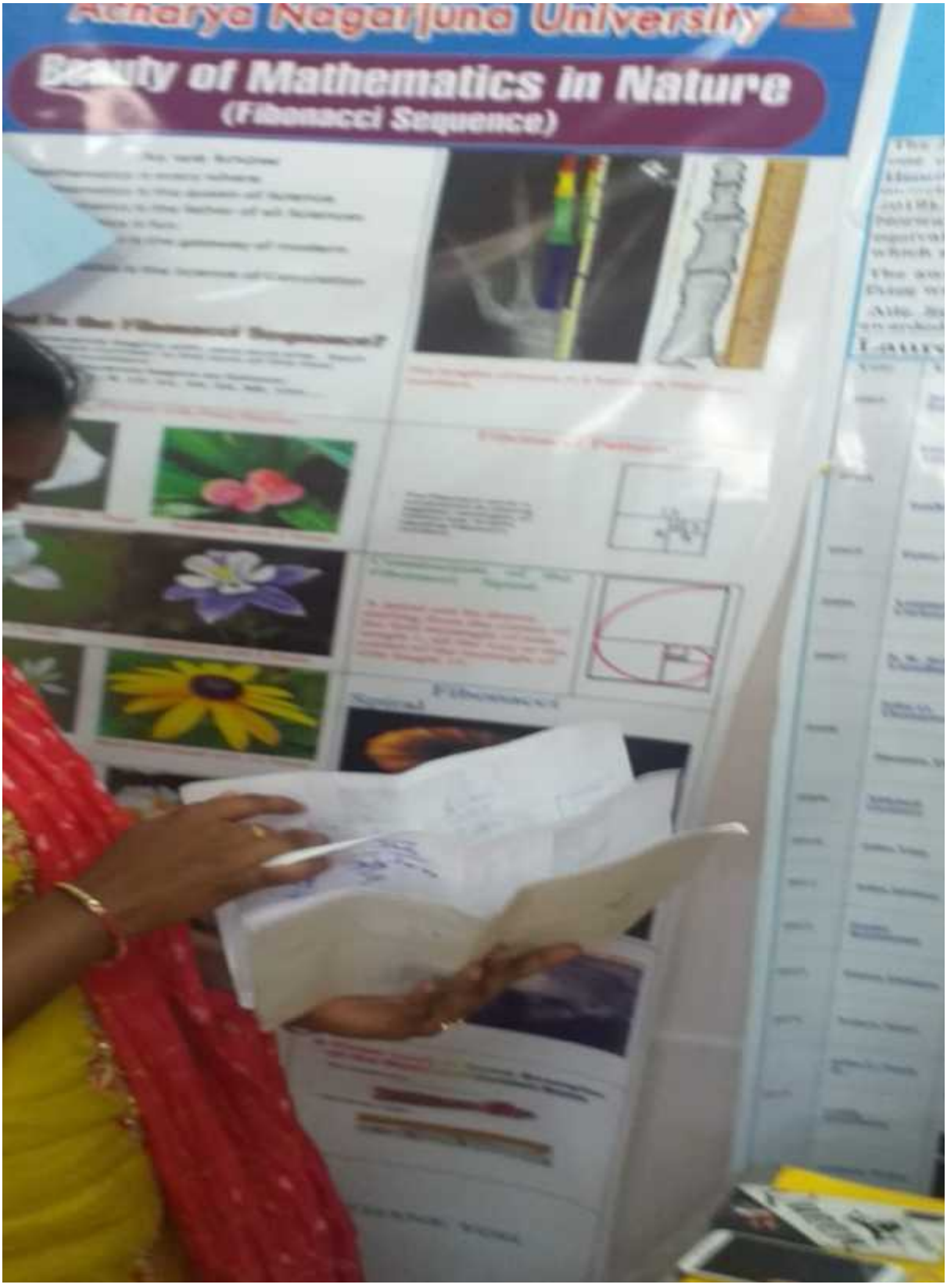
Trigonometry Model explained by the students



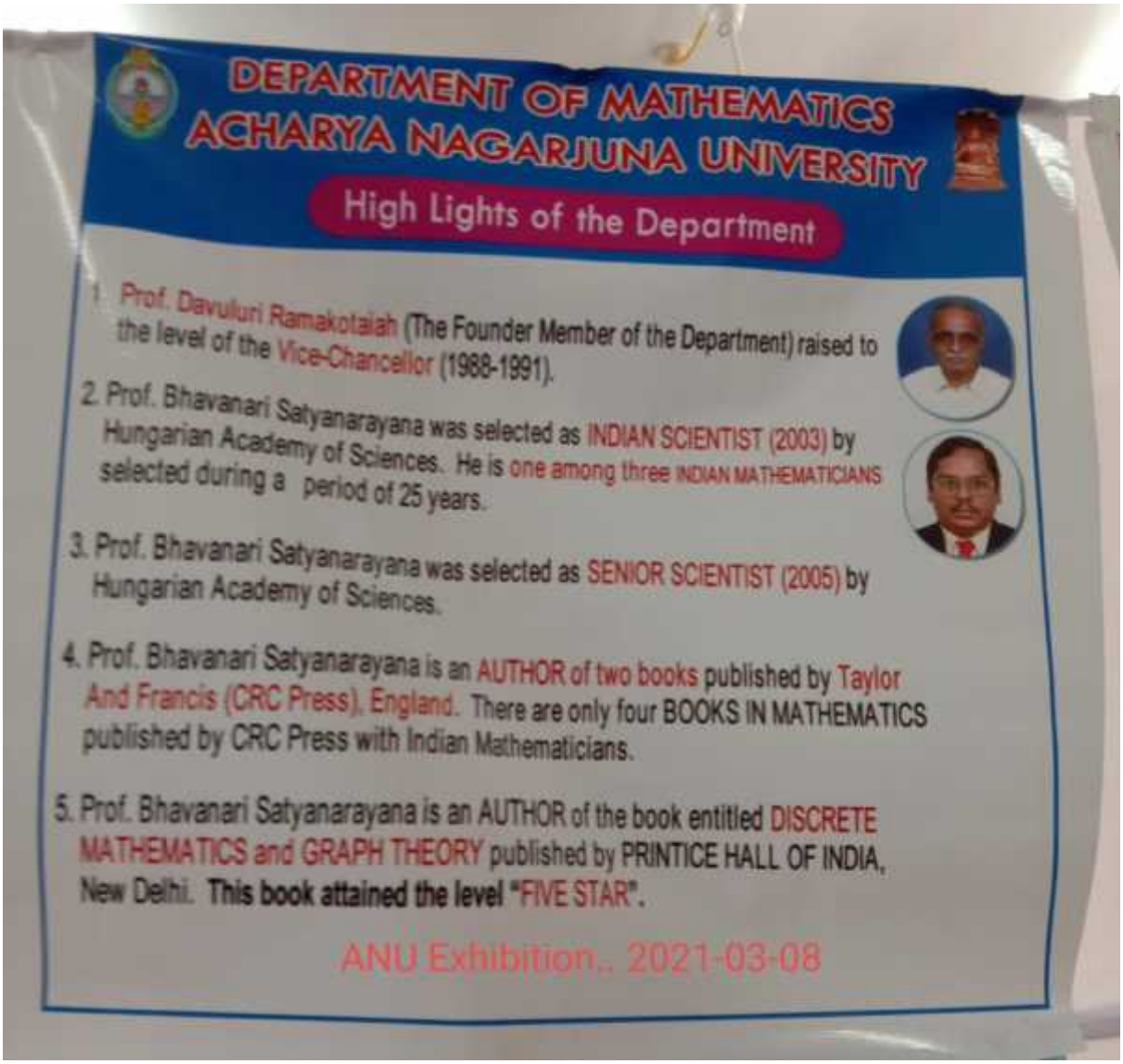
Leonhard Euler



Details of Abel Prize winners



Beauty of Mathematics in Nature explained by the Students



High Lights of Department of Mathematics, ANU, Guntur.

Programme Out Comes:

1) Students gained Knowledge on Graph Theory, Trigonometry.
2) Finding Cubes of Big Numbers by using simple tricks.
3) Students acquired Knowledge on Beauty of Mathematics in Nature.
4) Students acquire Knowledge on Abel Prize winners.

SRR & CVR GOVT. DEGREE COLLEGE (A) VIJAYAWADA

DEPARTMENT OF MICROBIOLOGY

2021-2022

Field Visit

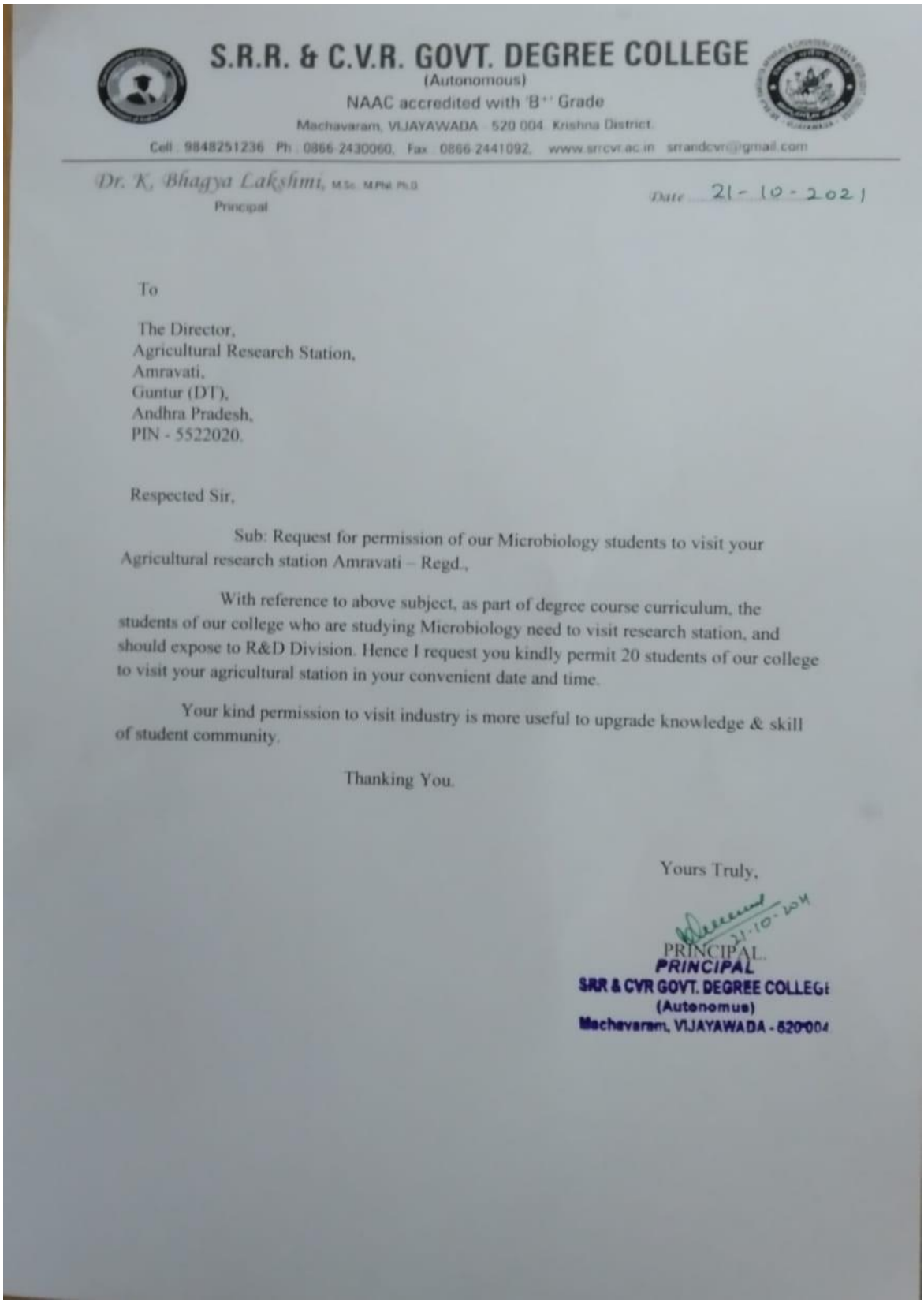
To



Biofertilizer Laboratory, ARS, ANGRAU, Amaravati, Guntur, Andhra Pradesh.

November 6th 2021

Permission Letter



S.R.R. & C.V.R. GOVT. DEGREE COLLEGE
(Autonomous)
NAAC accredited with 'B++' Grade
Machavaram, VIJAYAWADA - 520 004. Krishna District.
Cell : 9848251236 Ph : 0866-2430060, Fax : 0866-2441092, www.srrcvr.ac.in srrandcvr@gmail.com

Dr. K. Bhagya Lakshmi, M.Sc. M.Phil. Ph.D
Principal

Date 21-10-2021

To

The Director,
Agricultural Research Station,
Amravati,
Guntur (DT),
Andhra Pradesh,
PIN - 5522020.

Respected Sir,

Sub: Request for permission of our Microbiology students to visit your Agricultural research station Amravati – Regd.,

With reference to above subject, as part of degree course curriculum, the students of our college who are studying Microbiology need to visit research station, and should expose to R&D Division. Hence I request you kindly permit 20 students of our college to visit your agricultural station in your convenient date and time.

Your kind permission to visit industry is more useful to upgrade knowledge & skill of student community.

Thanking You.

Yours Truly,

Received 21-10-2021

PRINCIPAL.

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SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)
Machavaram, VIJAYAWADA - 520004

Acceptance: Through telephonic call accepted the request and permitted the students to visit the laboratory on **November 6th 2021.**

Students Attended

Students Attended

S.No	Redg . NO	Name of the Student	Class	Signature
1	19313201	J. Chandini Priya	III B.Sc (MBC)	J. Chandini Priya
2	19313202	P. Sadhvik	III B.Sc(MBC)	P. Sadhvika
3	19313203	V. Rameswar Reddy	III B.Sc (MBC)	V. Rameswar Reddy
4	19313204	G .Nagavamsi	3rd B.Sc (MBC)	G. Nagavamsi
5	19313205	M. Tulasi	III B.Sc(MBC)	M. Tulasi
6	19313206	T. Teja	III B.Sc(MBC)	T. Teja
7	19313207	P Ravi Teja	III B.Sc (MBC)	
8	19313208	T Durga Amal Prasad	III B.Sc(MBC)	T Durga Amal Prasad
9	19313209	T Bharathi	III B.Sc (MBC)	T. Bharathi
10	19313210	J Venkteswaralu	III B.Sc(MBC)	J. Venkateswarlu.
11	19313211	K Kineera	III B.Sc(MBC)	K kineera
12	19313212	Ch. Lakshmi Harika	III B.Sc(MBC)	Ch. Lakshmi Harika
13	19313217	E. Divya Keerthana	3rd B.Sc	E. Divyakeerthana.
14	19313218	G. Gopal Rao	III B.Sc(MBC)	G. Gopal Rao
15	19313220	M. Ramesh	III B.Sc(MBC)	M. Ramesh
16	1931321	K. Vagdhan Babu	3rd BSc	K. Vagdhan Babu.
17	19313223	S. Prudhvi Nayak	3rd BSc.	S. Prudhvi Nayak.
18	19313224	J. Vijay Babu	3rd BSC	J. Vijay Babu
19	19313225	C. Ramdev	3rd BSc	Ch. Ramdev
20	19313229	B. Aaron Wesly Paul	3rd BSc	B. Aaron
21	19313230	K. Priyakrishna	III B.Sc.	K. Priyakrishna
22	19313226	Sk. Ameena Kousar	III B.Sc	Ameena

Report

Field trip to Biofertilizer Laboratory, ARS, ANGRAU, Amaravati, Guntur, Andhra Pradesh.

As a part of the curriculum, students of **III B.Sc (MBC)** Microbiology visited Biofertilizer Laboratory ARS, ANGRAU, Amaravathi, and Guntur on 6/11/2021. It is one of the most important producers of biofertilizers in the State under the Department of the Agriculture with a capacity to produce20 to 25 metric tons of different types of Biofertilizers annually to supplement the use of chemical fertilizers considerably**.**

Experiences of Students about Field Trip

My experience on field trip to Biofertilizer Laboratory ARS, ANGRAU, Amaravathi.

I am Keerthana studying III BSc Microbiology in SRR and CVR Govt. Degree College (A) Vijayawada. As a part of our course we have to attend some field trips, On behalf of that we have visited Biofertilizer laboratory ARS, ANGRAU, Amaravati, Guntur on 6th November 2021.

Dr K Lakshmipathy , Senior Scientist , In charge Biofertilizer laboratory guided us to learn the aim and objectives of the laboratory . Different types of Biofertilizers produced in the lab and benefits and usage of Biofertilizers.Sir explained about isolation and mass multiplication of various biofertilizers *viz Rhizobium, Azatobacter, Azospirillum,* YAM and Phosphate solubilizing bacteria.

Aim and Objectives of the Laboratory:

Realization of the adverse effect caused by using excessive and continuous use of chemical fertilizers and other synthetic agricultural inputs that which leads to depletion or degradation of soil fertility status, environmental pollution, human health hazards at the same time destruction of natural ecosystem.

This laboratory produces different types of biofertilizer for increasing crop production level, to improve soil fertility status to minimize human health hazards problems, to minimize the use of chemical fertilizers to provide organic forming/ organic agriculture and to minimize environmental pollution and to conserve natural eco systems in an eco-friendly way.

Biofertilizers:

Biofertilizers are carrier-based preparation containing live or latent cells of effective strains of bacteria or fungi. They help in fixing or solubilizing the nutrients present in air or in the soil which is then made available to the plants.

Different types of biofertilizers produced in the laboratory

1. **Rhizobium:** It is a Nitrogen fixer. It uses for legume crops like pulses and oil seed crops like soya beans and groundnut. Rhizobium is crop specific.

2. **Azatobacter: I**t uses for cereal crops vegetables crops, oil seed crops, plantation crops, fruit crop and flowers.
3. **Azospirillum: I**t uses for cereal crops vegetables crops, oil seed crops, plantation crops, fruit crop and flowers.
4. **Phosphate Solubilizing Microorganisms**: It uses in all crops, along with nitrogenous biofertilizers

Benefits of biofertilizers:

1. Biofertilizers reduce the use of synthetic fertilizers and pesticides
2. Biofertilizers provide protection against drought and some soil borne diseases.
3. Biofertilizers also promote healthy soil, leading to greater forming sustainability.

Outcome of the trip:

We understand that Biofertilizers are living organisms of bacteria, fungi and algal origin, which can help plants to absorb nutrients, fix atmospheric nitrogen in the soil and solubilize the in solvable forms of phosphates into available form and mineralization.



Dr K Lakshmipathy, Senior Scientist, ARS, ANGRAU, Amaravati, Guntur Addressing the Students dated November 6th 2021



Fermentor for Mass multiplication of Biofertilizers



Biofertilizer Laboratory, ARS, ANGRAU, Amaravati, Guntur, Andhra Pradesh

ACKNOWLEDGEMENTS

We express our deep sense of gratitude to Dr. K. Bhagya Lakshmi, Principal SRR & CVR Govt. Degree College Autonomous, Vijayawada for her support and constant encouragement to upgrade the knowledge and skills of students

WE indebted to **Biofertilizer Laboratory, ARS, ANGRAU, Amaravati, Guntur, Andhra Pradesh for** permitting the students III BSc (MBC), **SRR & CVR GOVT**. Degree College Autonomous, **VIJAYAWADA**

We wish to express my sincere thanks to **Dr K Lakshmipathy, Senior Scientist, ARS, ANGRAU, Amaravati, Guntur** guided students to learn the aim and objectives of the laboratory. Different types of Biofertilizers produced in the lab and benefits and usage of Biofertilizers.

In Charge Dept of Microbiology PRINCIPAL

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D. Jyothi

In Charge Dept of Microbiology

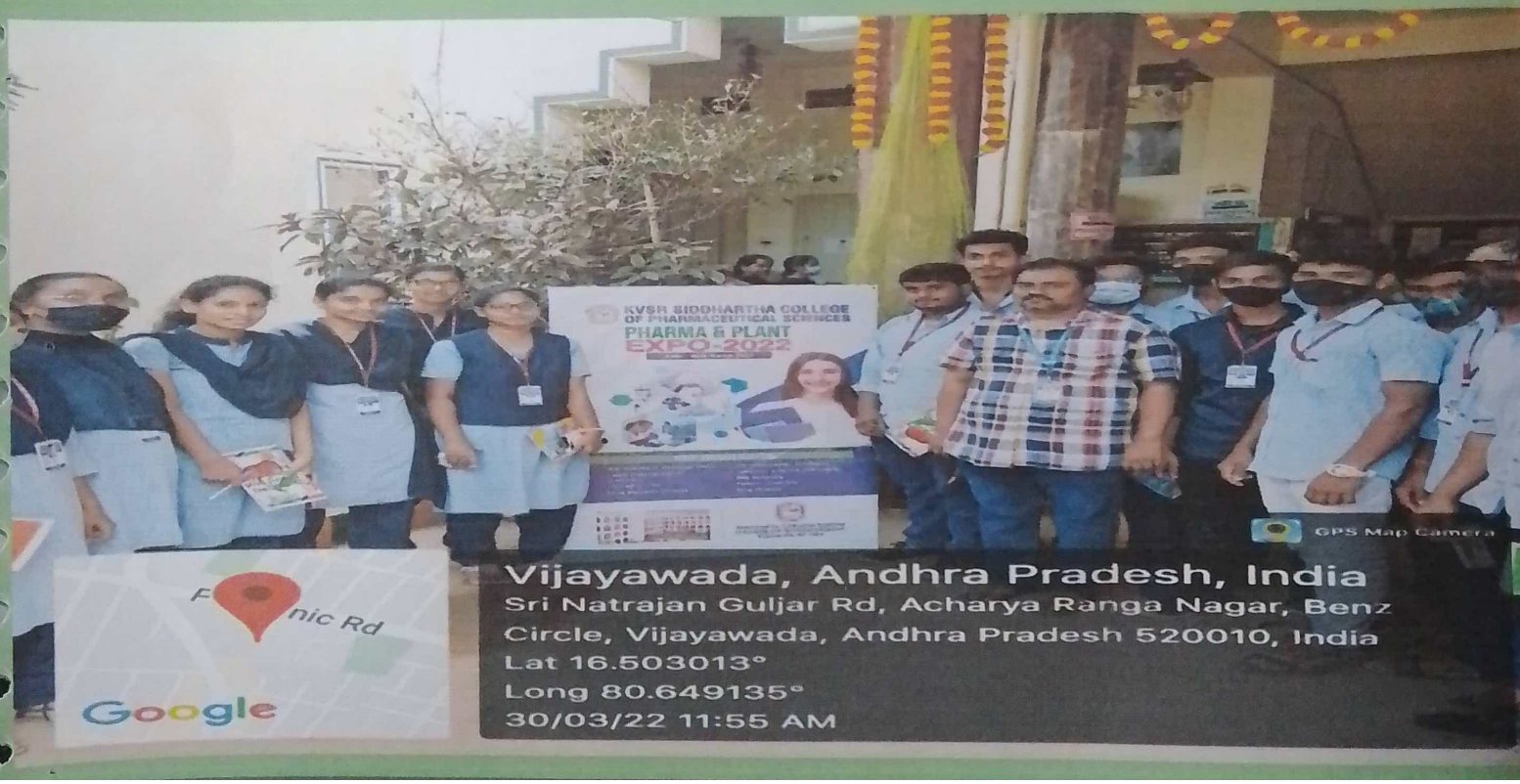
12-11-2014

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(Autonomus)
Machavaram, VIJAYAWADA - 520 004

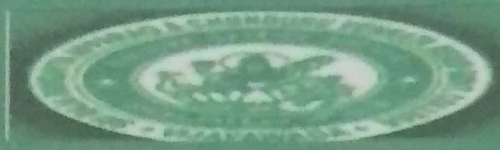
Department of Botany, SRR & CVR Govt DegreeCollege faculty took the Botany and Horticulture students of B.Sc First , Second and Third Year students to " Pharma Plant Expo-2022" Organized by KVSR Siddhartha College of Pharmaceutical Sciences. On 30.3.2022 from 10.00 to 2.00 pm .





SRR & CVR Government Degree College

Machavaram, Vijayawada, Krishna District, AP 520 004

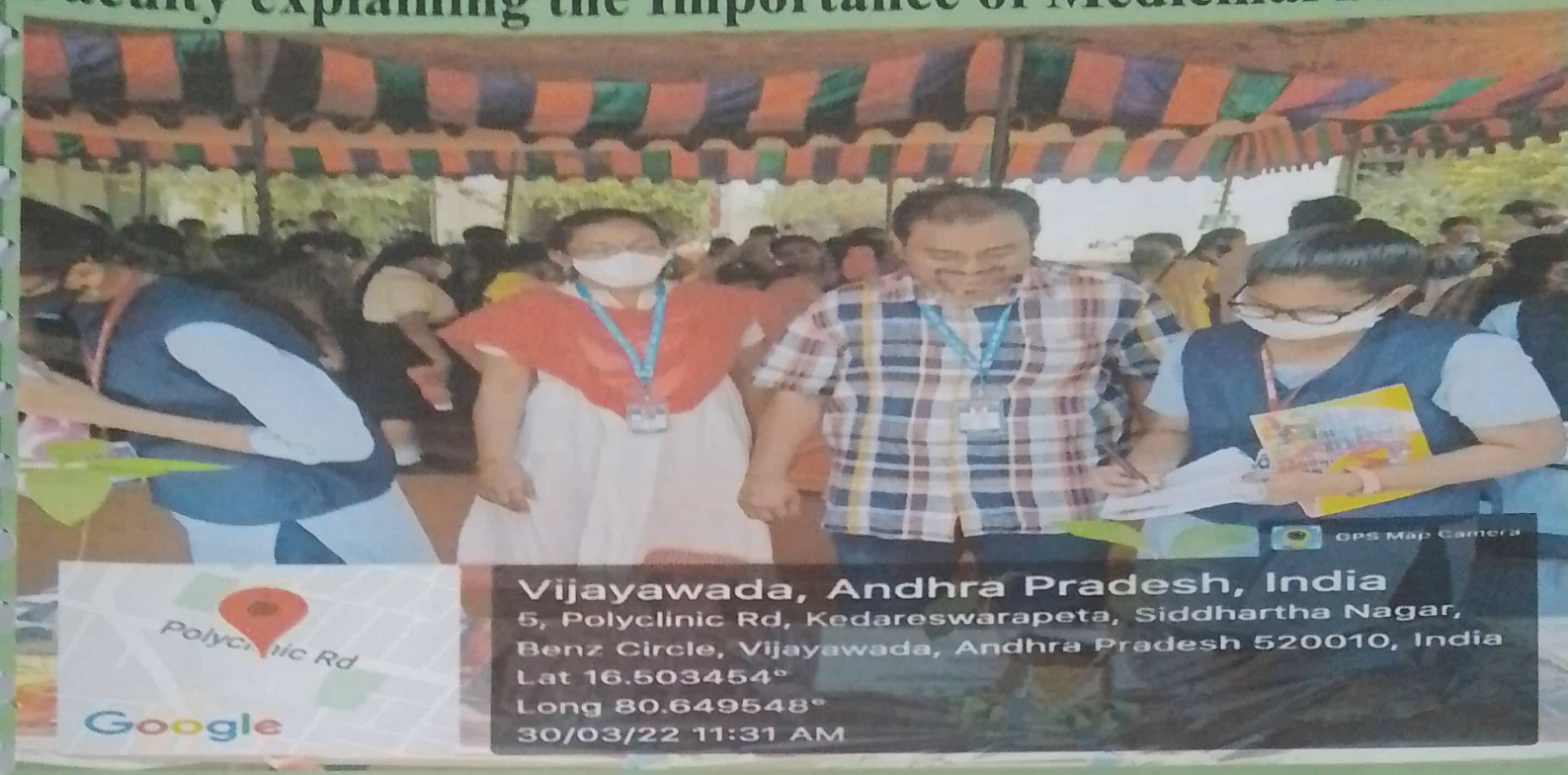


DEPARTMENT OF BOTANY

Date	**30.3.2022**
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.	**Department**
Nature of activity (seminar/Workshop/Extn. Lecture etc.	**Field trip**
Title of the Activity	**Pharma Plant Expo 2022**
Name of the Department/Committee	**Department of Botany**
Details of Resource Persons (Name , Designation etc.,)	**KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada Students and Faculty**
No of students and Faculty participated	**70**
Name of the Lecturers who plánned & conducted the activity	**Planned and Organized by** **Ms G.Swapna** **Lecturer In Charge** **Mrs V.N. Padmavathi , Lecturer in Botany** **Dr Ch. Srinivasa Reddy , Lecturer in Botany** **Mrs I. Prasanthi , Guest Lecturer**
Remarks	**This Field trip has given students onsite hands on experience and much deserved exposure and Kinda rejuvenated the students**

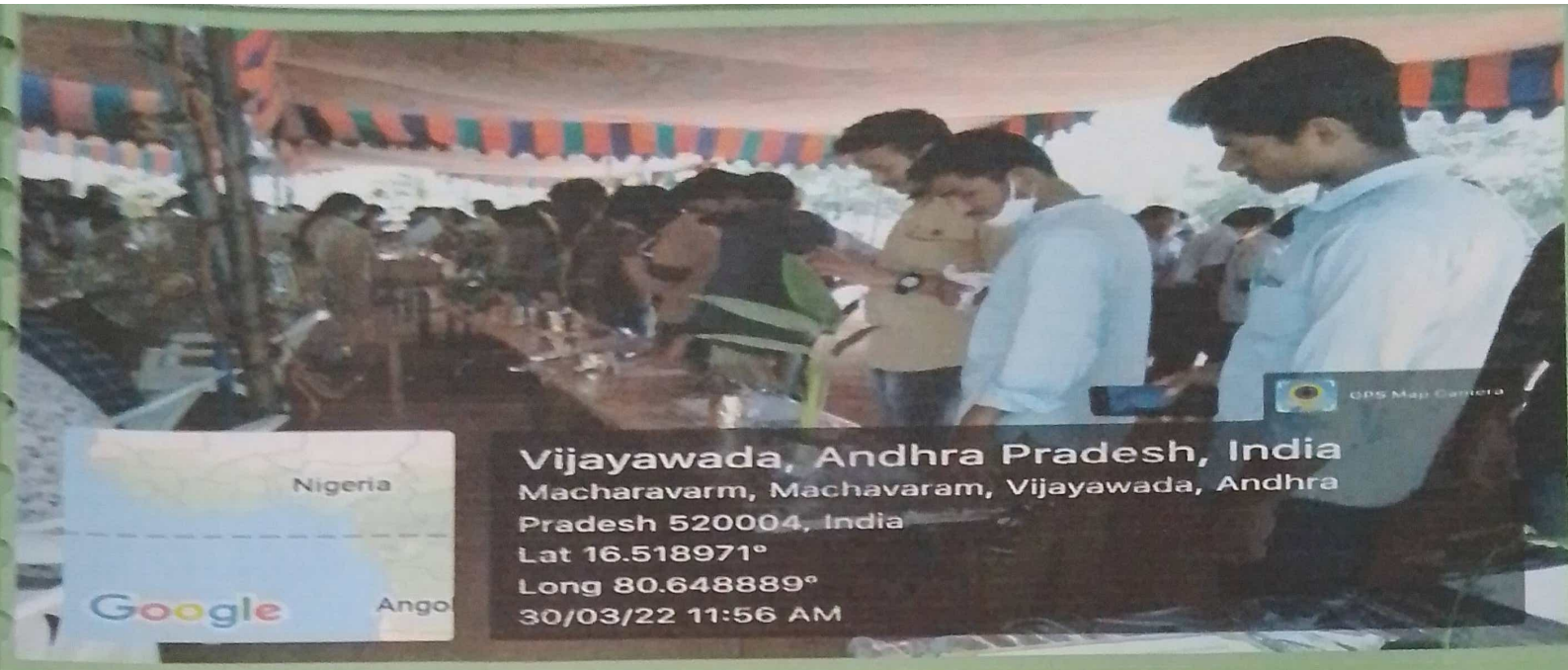
Students and faculty reached the college by 10.30 am and initially visited 300 species of medicinal plants. Students noted down the common , scientific names , family and medicinal importance of each plant .

Faculty explaining the Importance of Medicinal Plants

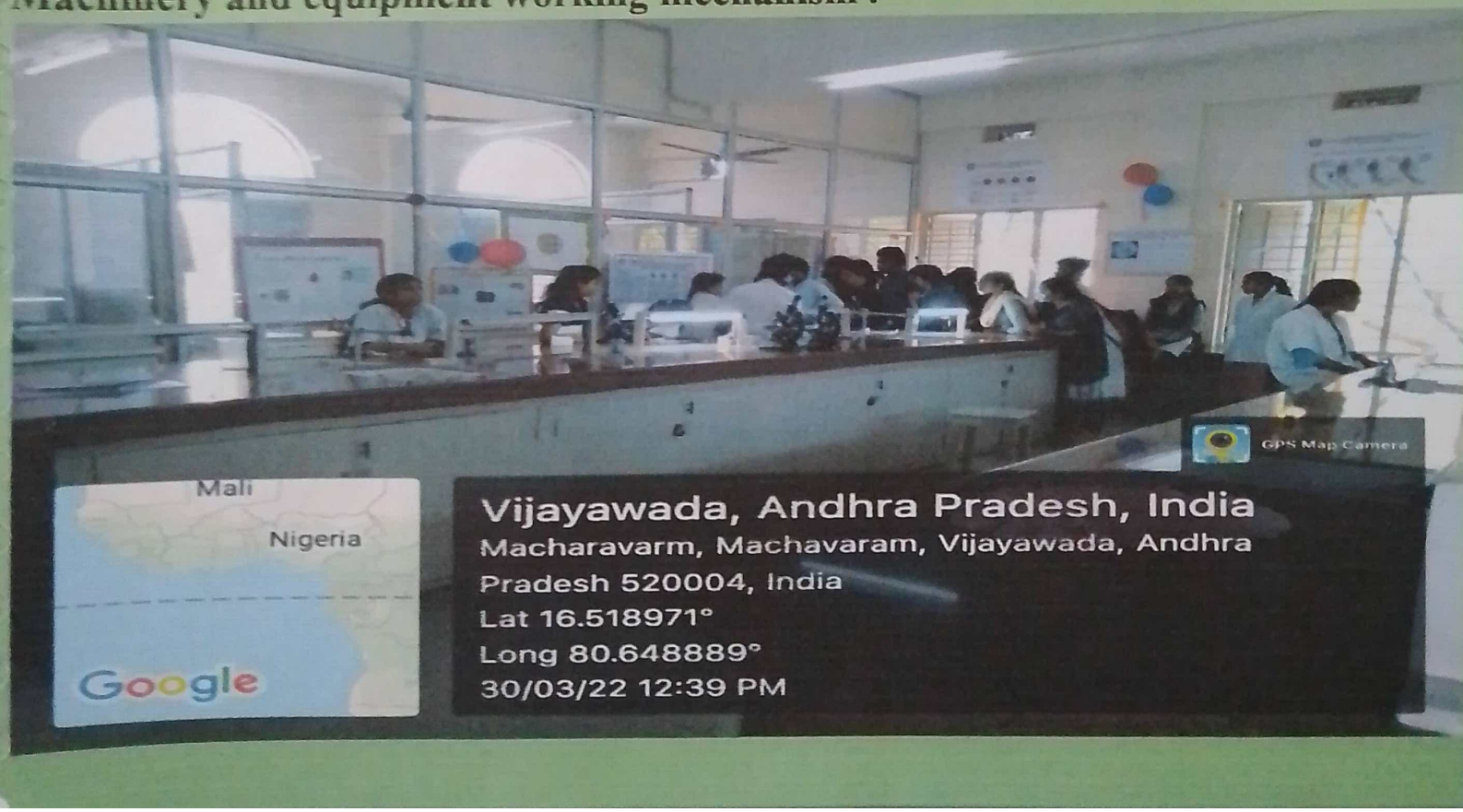








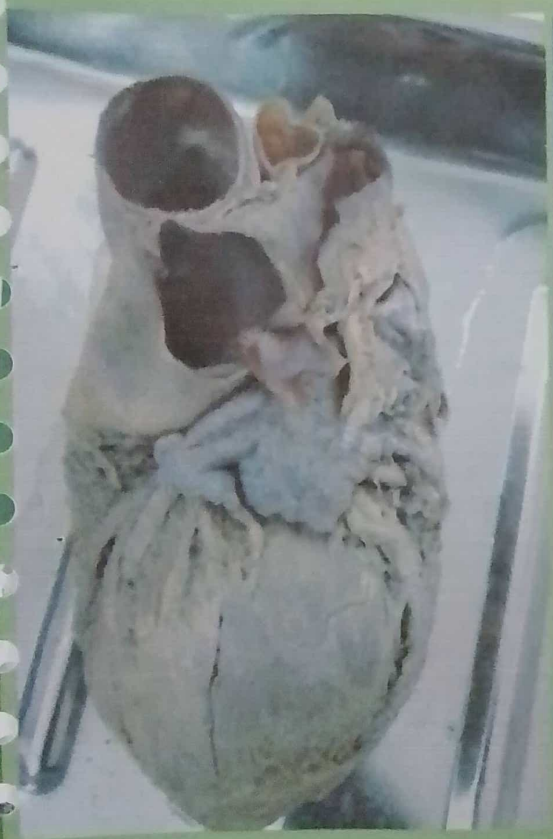
Later they explored Latest Pharmaceutical machinery which were being used normally . Pharmacy students explained to B.Sc BZC Students about the Machinery and equipment working mechanism .



Later students visited Drug Packaging units and learned the process from Pharmacy students . Pharmacy students explained the Drug discovery process. After that students learnt about the various chromatographic techniques used in the synthesis of drugs . Pharmacy students explained about the functionality of Advance analytical instruments.

Later some students went for BMI Screening, known their Height, weight and BMI Value , Patient counseling for general health and also visited the Drug Museum . Students also saw the real Human Organs like Brain, Kidney, Liver ,Heart etc and Pharmacy students explained the Anatomy and functionality of the organs.

Photographs Taken by students in Anatomy Laboratory

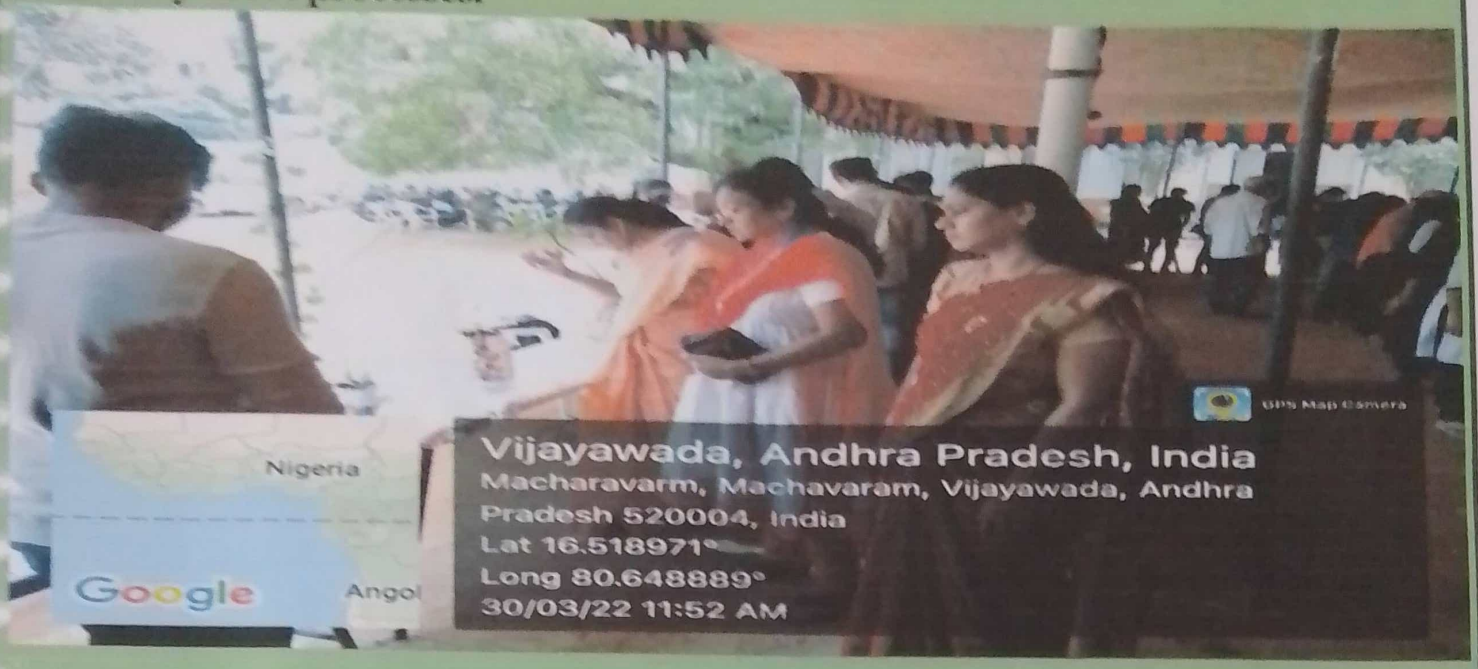






By 2.00 pm BZC students completed visiting the Expo and Faculty and students reached the college by 2.30 pm .

This Field trip was very much useful for students and students gained knowledge on Medicinal Plants, Drug discovery process , Advanced Equipment and many more processes.



SRR & CVR Government Degree College

Machavaram, Vijayawada, Krishna District, AP - 520 004

DEPARTMENT OF BOTANY

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomus)
Machavaram, VIJAYAWADA-520 004

LECTURER IN CHARGE
Dept. of Botany
SRR & CVR GOVT. DEGREE COLLEGE
VIJAYAWADA-4, Krishna Dist.

STUDENT SIGNATURES AND FEEDBACK					
S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
1.		I BHC	21317207	K. Monk	Got awareness
2.		I BHC	21317201	A. Prasanthi	Useful
3.		I BHC	21317209	T. Lavanya	Good.
4.		I BHC	21317205	K. Jagadeesh	Good
5.		I BHC	21317206	T. Mrudula	Beneficial
6		I BHC	21317212	P. [illegible]	Good
7.		I BHC	21317204	Devi naga chi	useful
8.		II B Zc	20311215	N. Monika	Beneficial.
9.		III BZC	20311223	Shaik. Baji Babavali	Good
10.		~~III~~ BZC	20311003	G. Rupa	Good
11		III BZC	20311008	P. [illegible]	Beneficial
12		III BZC	20311216	P. [illegible]	Beneficial.
13.		III. BZC	20311227	[illegible]	Good
14.		III BZC	20311213	M. Gayathri	Good

SRR & CVR Government Degree College
Mahavaram, Vijayawada Krishna District, AP 520 004
DEPARTMENT OF BOTANY

SRR & CVR Government Degree College

Machavaram, Vijayawada, Krishna District, AP-520 004

DEPARTMENT OF BOTANY

STUDENT SIGNATURES AND FEEDBACK

S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
1	30/3/22	III BSc BZC	20311213	M. Gayathri	Good.
2.	30/3/22	III BZC	20311227	Y. Tejaswi	Good.
3.	30/3/22	VI BZC	20311216	P. Bhavatsa	useful
4	30/3/22	III BSc	20311008	P.	Good
5	30/3/22	III BZC	20311223	Baji Babu	Useful
6	30/3/22	III BZC	20311222	S. Nalini	good
7	30/3/22	III BZC	20311003	G.	Good
8.	30/3/22	III BZC	20311206	J	Good.
9	30/3/22	III BZC	20311203	B. Rachel Evangelin	Useful
10.	30/3/22	III BZC	20311220	P. Lochandai	Satisfaction.
11.	30-3-22	III B.Sc	20311215	N. Mounika	Good.
12	30/3/22	III BZC	20311204	ch. Divya	Helpful.
13	30/3/22	III BZC	20311221	P. Rahul	Useful.
14.	30/3/22	III BZC	20311226	T. Hemasri	Good.
15	30/3/22	III BZC	20311210	M. Naresh	useful
16	30/3/22	III BZC	20311208	K.	good

SRR & CVR Government Degree College

Machavaram, Vijayawada, Krishna District, AP-520 004

DEPARTMENT OF BOTANY

STUDENT SIGNATURES AND FEEDBACK

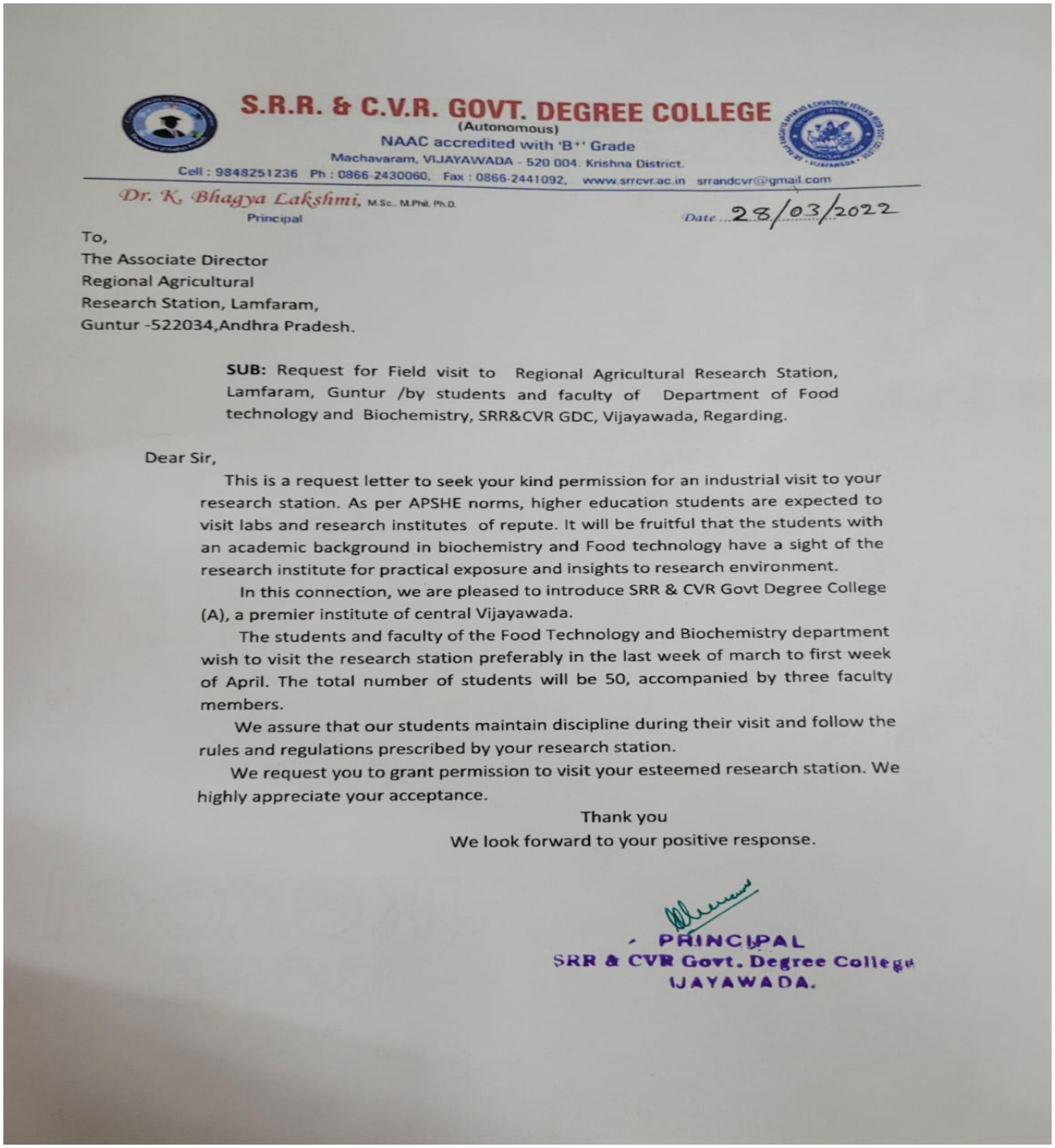
S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
01	30/03/22	III - B.Z.C	20311227	Y. Jagadish.	Useful
02	30/03/22	III - B.Z.C	20311216	P. Bharat sai	Good.
03	30/03/22	III B.Z.C	20311008	P.	Good
04	30/3/22	III B.Z.C	20311223	Baji Baba	Useful
05	30/3/22	III B.Z.C	20311222	S. Neelima	good
06	30/3/22	III B.Z.C	20311206	J. Manju.	good.
07	30/3/22	III B.Z.C	20311003	G.	useful
08.	30/3/22	III BZC	20311203	B. Rachel Evangelin	Satisfactory
09.	30/3/22	III BZC	20311220	P. Lochandai	Helpful.
10.	30-3-22	III B.Z.C	20311215	N. Mounika	Good.
11	30/3/22	III BZC	20311213	M. Gayathri	Helpful
12	30/3/22	III B.Z.C	20311210	M. Naresh	Use. ful.
13	30-3-22	III B.Z.C	20311208	K	Good.
14	30/3/22	III BZC	20311221	P. Rahul	Useful.
15.	30/3/22	III BZC	20311226	T. Hemasri	Good
16.	30/3/22	III BZC	20311204	ch. Divya	Good

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DEPARTMENT OF BIOCHEMISTRY

FIELD TRIP TP LAMFARM

DATE: 1/4/2022



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Machavaram, VIJAYAWADA - 520 004. Krishna District.
Cell : 9848251236 Ph : 0866-2430060, Fax : 0866-2441092, www.srrcvr.ac.in srrandcvr@gmail.com

Dr. K. Bhagya Lakshmi, M.Sc., M.Phil, Ph.D.
Principal

Date 28/03/2022

To,
The Associate Director
Regional Agricultural
Research Station, Lamfaram,
Guntur -522034,Andhra Pradesh.

SUB: Request for Field visit to Regional Agricultural Research Station, Lamfaram, Guntur /by students and faculty of Department of Food technology and Biochemistry, SRR&CVR GDC, Vijayawada, Regarding.

Dear Sir,

This is a request letter to seek your kind permission for an industrial visit to your research station. As per APSHE norms, higher education students are expected to visit labs and research institutes of repute. It will be fruitful that the students with an academic background in biochemistry and Food technology have a sight of the research institute for practical exposure and insights to research environment.

In this connection, we are pleased to introduce SRR & CVR Govt Degree College (A), a premier institute of central Vijayawada.

The students and faculty of the Food Technology and Biochemistry department wish to visit the research station preferably in the last week of march to first week of April. The total number of students will be 50, accompanied by three faculty members.

We assure that our students maintain discipline during their visit and follow the rules and regulations prescribed by your research station.

We request you to grant permission to visit your esteemed research station. We highly appreciate your acceptance.

Thank you

We look forward to your positive response.

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Students boarding the bus to get to the field trip

The department of biochemistry has conducted a field trip to Acharya N. G. Ranga Agricultural University, Regional agricultural research station landfarm, Guntur-522034, Andhra Pradesh, India. First we met with the ADR of landfarm. Sir introduced Dr. D Sujatha professor in crop physiology. Our team accompanied us and visited all the research departments. First we went to the exhibition kept by the university where all the innovations of research stations are displayed. Student interacted with Dr. Sarada. She explained how the research station is working hard to give farmers the best yield, giving crops totaling 168 new varieties of cereals and 46 varieties of oil seed plants. Students interacted with Dr. Sarada about their queries.

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Next we went to visit Drone Technology. Dr. Sambayya with his team explained this technology for adding pesticides & fertilizers in the fields. Once the drone is filled with the pesticides it can spray around 7 acres of land. He gave business ideas to students and inculcated the zeal of entrepreneurship in students.



Drone Technology

Prof. Sambayya addressing students about Drone Technology

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Students watching the Land Farm Agricultural Innovations

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Visit to crop physiology lab:

The students, staff in batch wise visited the crop physiology lab Dr. Sujatha introduced the equipment to the students. The measurement of chlorophyll content of the leaf was demonstrated to the students. She also demonstrated the machine to monitor the leaf area and Spectrophotometry etc. were introduced to students.

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Students at Crop Physiology Lab



Visit to bio technology lab:

Students are eager to visit biotechnology labs. This lab carries sophisticated equipment such as PCR, Geldoc, Cooling centrifuge, Agarose gel electrophoresis etc. while we visit the lab the

scientists were working on viral disease and explained about the primers used for the viral genome.



Students at Biotechnology Lab



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Visit to soil analysis lab:

The team visited a soil analysis lab. There Dr. Sailaja madam gave an elaborated description on soil analysis for different minerals. How the flame photometer is utilized for recording the concentration of different minerals was shown to students. The content in a sample was quantified. A reading was taken before students.

Many soil samples with labeling were kept at the door of the lab. Students interestingly observed all the equipment and collected the procedures for the analysis of different minerals.



Students at Soil Science Lab

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Visit to weather station:

Students were taken to a weather station where the different equipment were introduced to students to measure maximum and minimum temperature, humidity, rainfall by rain gauge, water percentage in soil, temperature in soil, wind velocity measurements etc.

Students with much enthusiasm visited all the equipment and came to clarify their queries.



Students at Weather Forecast Field



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Acknowledgement:

We are very thankful to our Principal Dr. K Bhagya Lakshmi Madam for giving permission for this field trip. We also thank APSRTC for providing the bus facility for this field visit. Our heartfelt thanks to ADR-Larmfarm for allowing us to visit all the labs in the research station. Our special thanks to Dr. D Sujatha Madam for accompanying us to all the labs in the research station. We also thank each scientist of the research station for their patients for demonstrating the equipment and spending valuable time for us.

Reported by

Sd. V Tahaseen
I/C Dept. of Biochemistry

S.R.R. & C.V.R GOVT. DEGREE COLLEGE(A)

Department of Biochemistry

Study Visit to KVSR Siddhartha College of Pharmaceutical Sciences on 27.11.2021

Report prepared by Sd V Tahaseen

Department of Biochemistry organized a study visit to II B.Sc. students (M.B.C and M.B.F) on 27.11.2021 to Central instrumentation lab - Siddhartha College of Pharmaceutical Sciences, Vijayawada.

The study visit is aimed to enhance the zeal of students towards the recent advances in the field of pharmaceutical sciences and to understand the applications of advanced instruments in the field of research in life sciences.

Students were taken to the library, poster presentation section, and Instrumentation lab on the study visit.



Pharmacy students presented posters on various aspects of biochemistry, green Chemistry, Food technology, multiple drugs used in the treatment of Covid-19, different techniques used to validate drugs like LC-MS, HPLC-MS, GC-MS, N.M.R., etc. Further,

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Department of Biochemistry





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Department of Biochemistry

Siddhartha College of Pharmaceutical Sciences is equipped with a central instrumentation lab consisting of HPLC, UV-Visible Spectrophotometer, pH-meter, FT-IR, Digital refractometer, ICP-OES (Inductively Coupled Plasma- Emission Spectroscopy), Flame Photometer, etc.; technician of that lab explained the operating procedures and principle of various instruments.

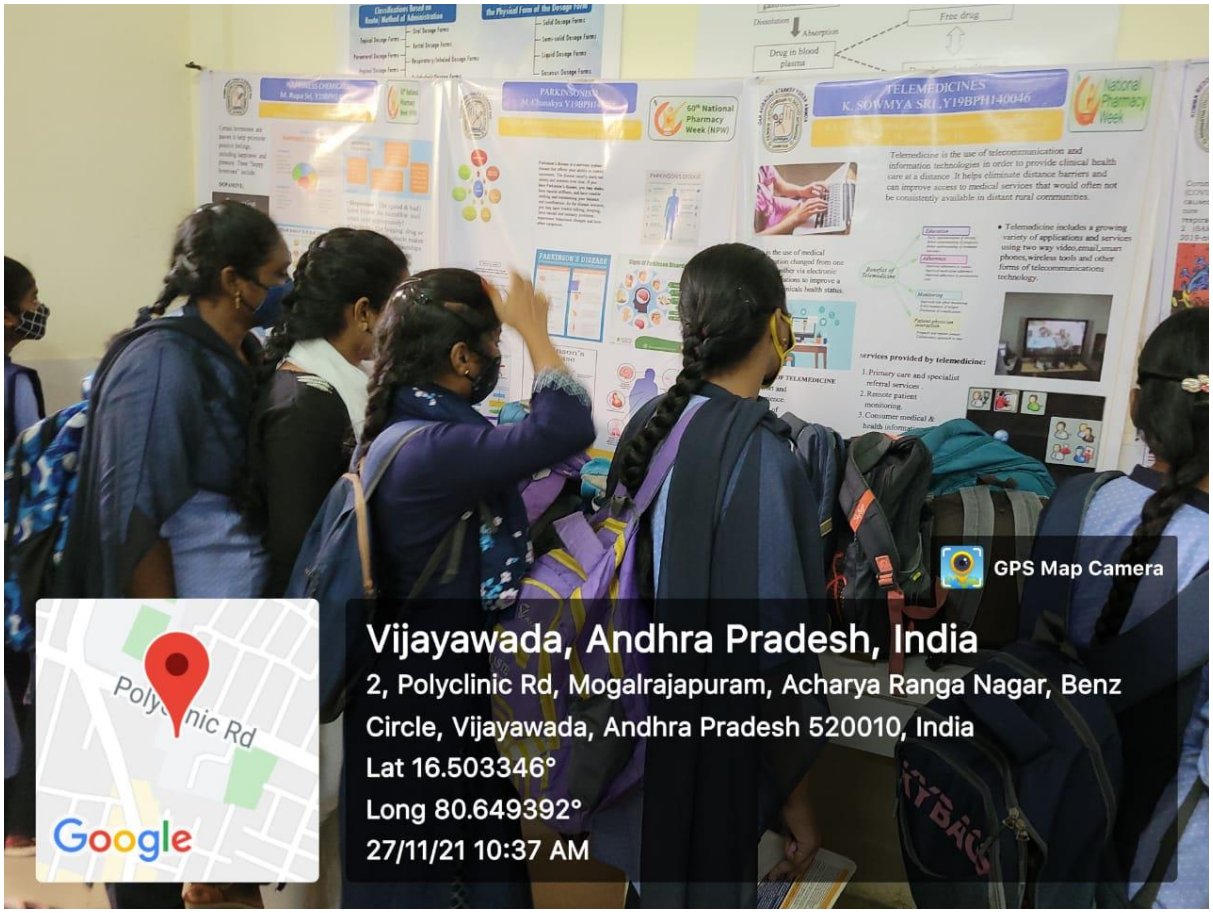




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Department of Biochemistry





nearly 110 posters were presented relating to the various aspects of biological phenomena, herbal remedies for skin, hair, stress relieving methods, etc.

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Department of Biochemistry





This study visit was very much helpful to the students, as it allowed understanding the various concepts of day-to-day life and advanced instrumentation techniques. And it would inspire students and create an interest to pursue research in the field of lifesciences.

Acknowledgments:

Thank our beloved principal Dr. K. Bhagyalakshmi for giving our students and faculty permission to attend this study visit.

I extend our heartful thanks to Dr. G. Devarala Rao, principal, Siddhartha College of Pharmaceutical Sciences, for facilitating this study visit.

My special thanks to my colleagues Dr. SK Beebi, lecturer in chemistry, Dr. K. Anuradha lecturer in food technology and E. Sarojini Devi lecturer in biochemistry for their active part of this study visit.

Sd Vaziha Tahaseen
Department of Biochemistry

S.R.R and C.V.R GDC (A) – Vijayawada

Department of Botany SRR & CVR Govt DegreeCollege Organized a one day Field trip /Botanical tour to Kondapalli forest Reserve area , Krishna District on 11.12.2022 . We started from college at 07.00 am in Bus and reached the Kondapalli area by 7.30 am.

Motive of this program:

- Providing students Onsite, practical and real time experience inf= forest area
- Providing additional knowledge on the Wild Species of Kondapalli forest area .
- Taxonomical and Medicinal characters studies on wild species

Tour Report :

III BSc BZC Students and Faculty Visited Kondapalli Forest area for exploring the wild species of plants. Faculty and Students explored the various species of plants covering nearly 4 kns on Kondappli hill area.



Students Collected the wild plant species for preserving and for the preparation of Herbarium. They noted down the observed wild plant species details like Common name , Scientific name , Family , Economical and Medicinal importance etc.

09.04.2022

To
The Principal
SRR and CVR Govt Degree College
Vijayawada

Respected Madam ,

I here by submit that Department of Botany faculty taking III BZC EM and TM Groups of nearly 40 students to Kondapalli Forest Field Visit on 11.04.2022 as a part of Co Curricular activities .

In this regard we request you to give permission for the faculty and students For the one day field trip for exploring Wild Plant Species in Kondapalli forest Reserve area and please consider our absence on 11.4.2022 as On Duty .

Thanks & Regards

Ms. G. Swapna (Swapna 9/4/2022)
Mrs V.N Padmavathi (V. Padmavathi)
Dr Ch. Srinivasa Reddy
Department of Botany (Ch. Srinivasa Reddy)

SRR & CVR Government Degree College

Machavaram, Vijayawada, Krishna District, AP 520 004

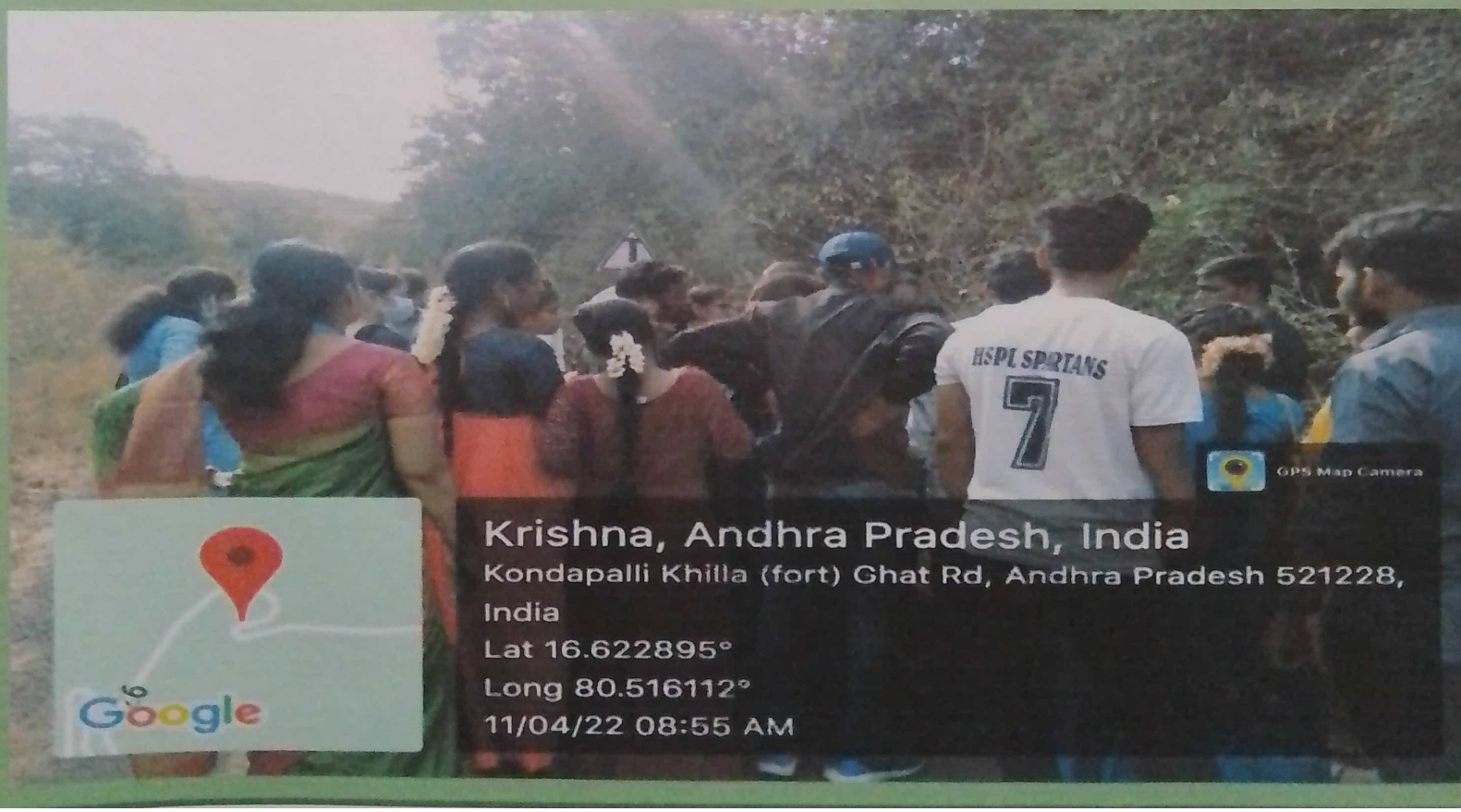
DEPARTMENT OF BOTANY

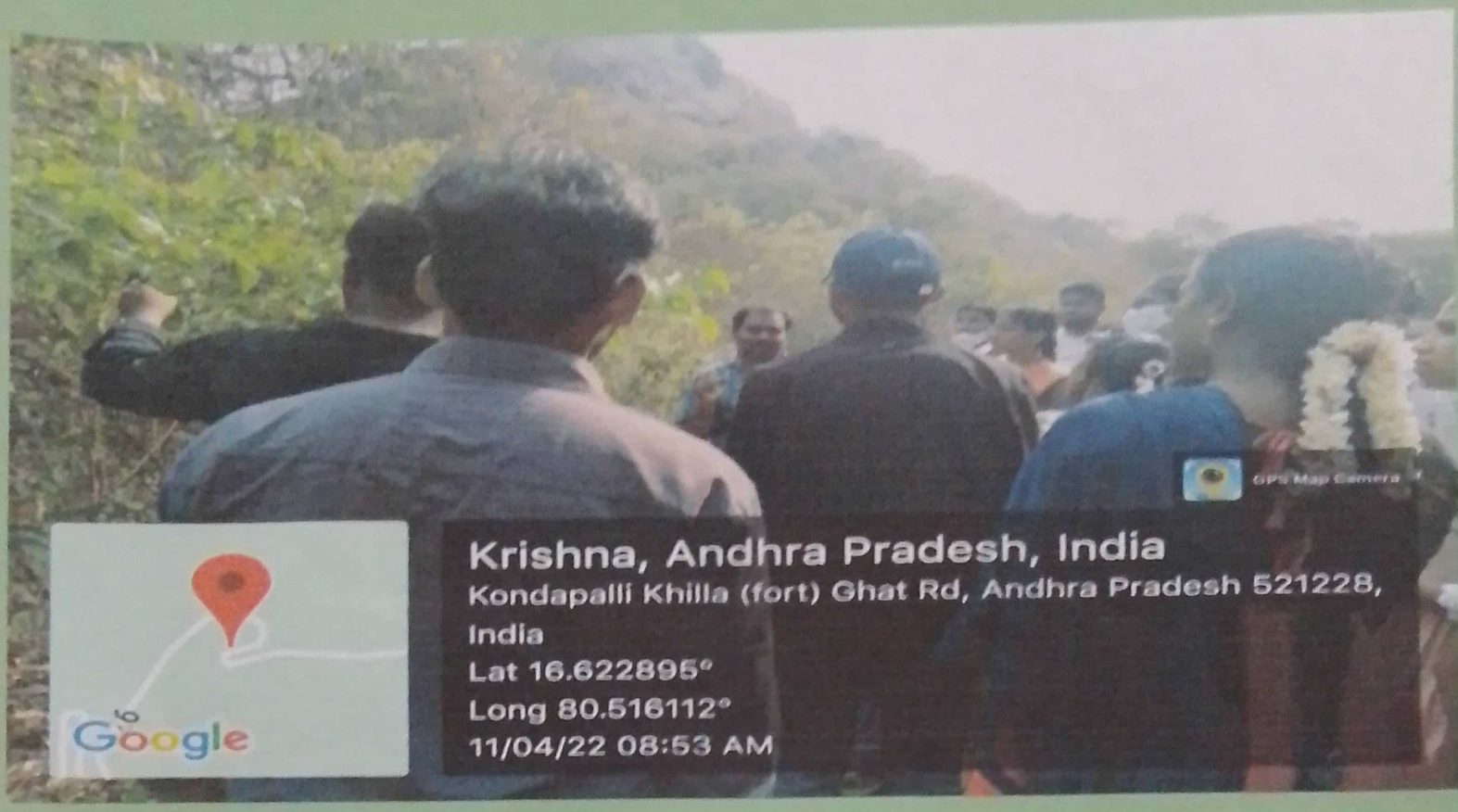
Dates	11.4.2022
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.	Department
Nature of activity (seminar/Workshop/Extn. Lecture etc.	Field Visit/ Botanical Tour
Title of the Activity	Botanical tour
Name of the Department/Committee	Department of Botany
Details of Resource Persons (Name , Designation etc.,)	III B.SC BZC Students
No of students participated	35
Name of the Lecturers who planned & conducted the activity	Planned and Organized by Ms G.Swapna Lecturer In Charge Ms V. N . Padmavathi , Lecturer in Botany Dr Ch. Srinivasa Reddy , Lecturer in Botany Mrs I.Prasanthi, Lecturer in Botany
Remarks	This Botanical tour was a huge success as students and faculty explored various significant plants related to various families.

Students Photographed the plants of significant Ecological and Taxonomic significance and collected some parts of the plants .

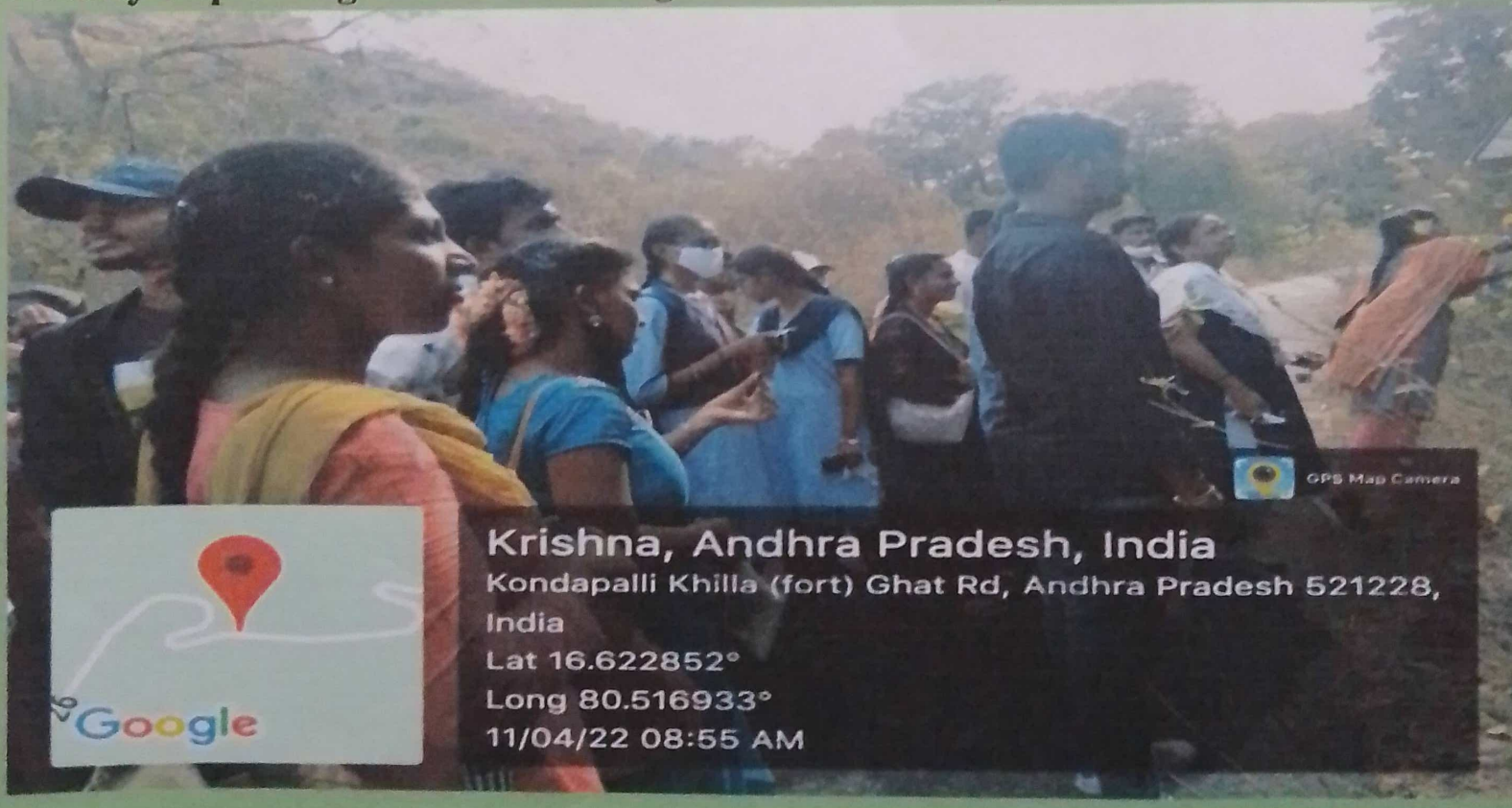


Students and Faculty studying the Plant species of Ecological Significance in Forest area



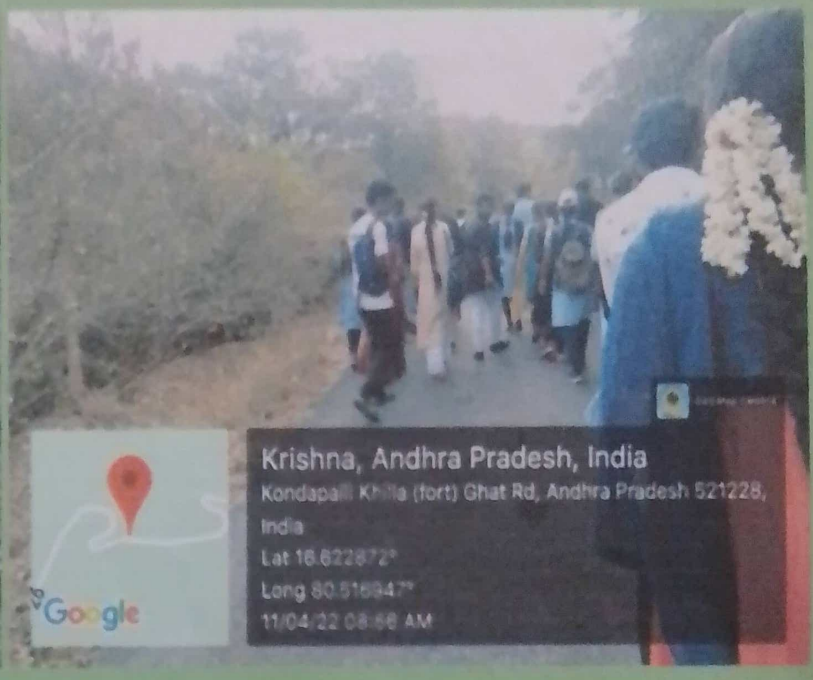


Faculty Explaining the Botanical Significance Of wild plants to Botany Students

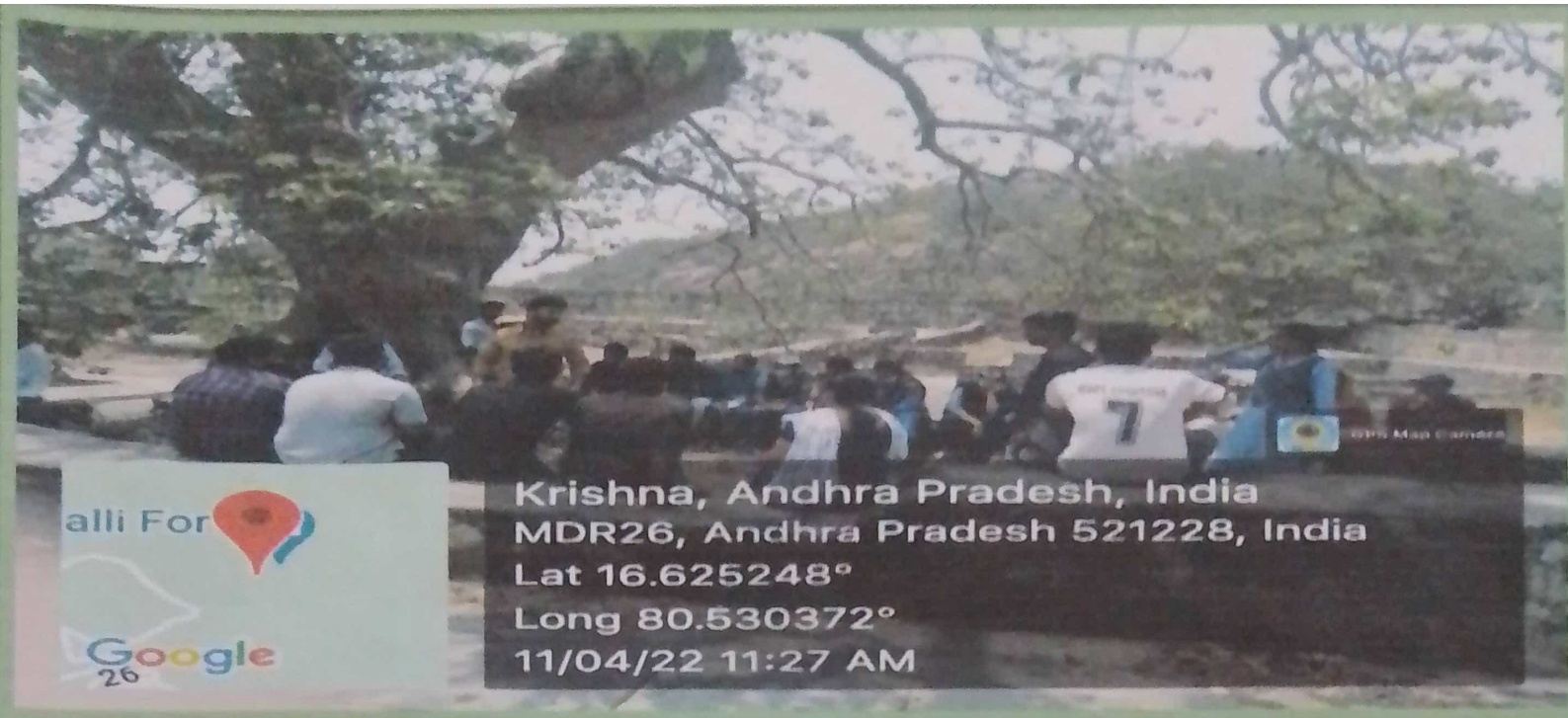


After exploring the Vegetation spanning a width of nearly 4km students and faculty visited Kondapalli fort area which is of Historical significance . Students observed all the monuments, images , sculpture and preserved historical evidence from 15 th century , 16th and 17rth centuries with enthusiasm and much interest .

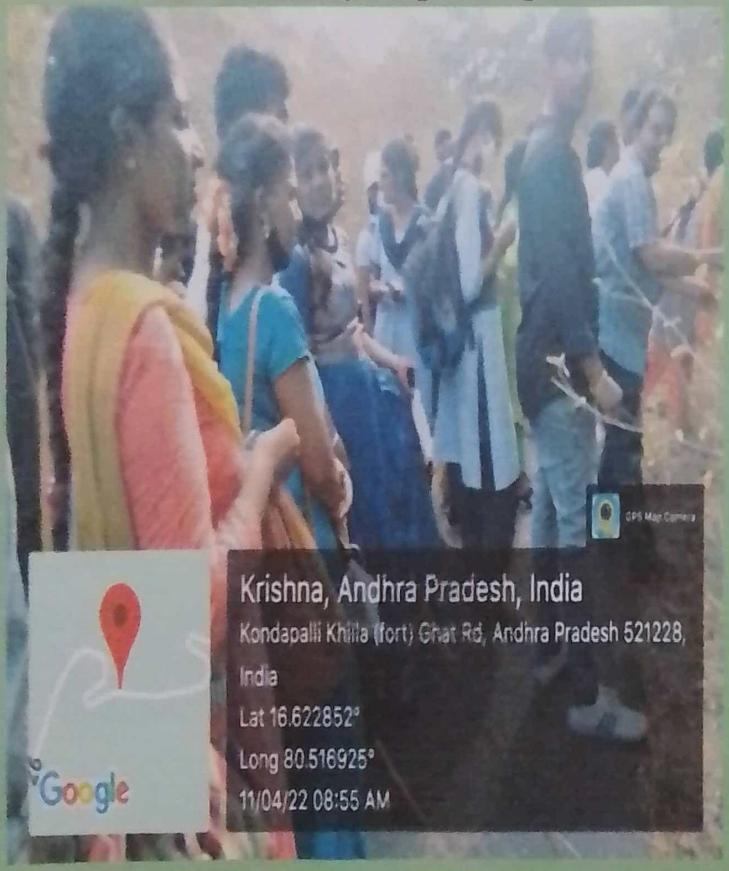




This Botanical tour actually rejuvenated the students as they have not gone to any outside place since the pandemic long two and half years . This tour gave the students a best opportunity academically in two ways as this kondapalli forest area and fort are of Significant in two ways both Botanically and Historically .



Students and Faculty Exploring the Botanical and Historical Significant Place Kondapalli





Students and Faculty thoroughly enjoyed this Botanical tour for one day with exploring all the wild species of plants on Kondapalli forest area and on hilly areas spanning an area of 4 kms and returned back to Vijayawada .



The tour was very informative and beneficial to Botany students .

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DEPARTMENT OF BOTANY

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(Autonomus)
Machavaram, VIJAYAWADA-520 004

LECTURER IN CHARGE
Dept. of Botany
SRR & CVR GOVT. DEGREE COLLEGE
VIJAYAWADA-4, Krishna Dist.

STUDENT SIGNATURES AND FEEDBACK

S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
1	11.04.22	III BZC	19311001	Adilakshmi	Good.
02	11/4/22	III BZC	19311004	Lakshman Rao	Satisfactory
03	11/4/22	III BZC	19311012	Venkatesh	Good
04	11.4.22	III BZC	19311018	Anil kumar	Got awared
05	11/4/22	III BZC	19311005	Mounika	Useful
06	11.4.22	III BZC	19311003	Nagaramani	Good
07	11.4.22	III BZC	19311014	Balaji	Satisfactory
08	11/4/22	III BZC	19311019	Meena Kumari	Good
09	11/4/22	III BZC	19311002	Manga Devi	Useful.
10	11/4/22	III BZC	19311007	P.	Good
11	11/4/22	III BZC	19311011	Sathya pr.	Satisfactory
12	11/4/22	III BZC	19311006	Venkataiah	Got awared.
13	11/4/22	III BZC	19311021	Gayi	Good.
14	11-4-22	III BZC	19311017	Venu	useful
15	11-4-22	III BZC	19311013	Sai babu	Got awared
16	11/4/22	III BZC	19311009	Chiru	Satisfactory

STUDENT SIGNATURES AND FEEDBACK

S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
1	11.04.22	III B.Sc	19311212	srinivas	Good
2	11/4/22	III B.Sc	19311217	Rajasekhar	Satisfactory.
3	11-4-22	III BSc	19311201	Narayana	awareness
4.	11/4/22	III BSc	19311225	Priya	Usefull.
05	11.4.22	III BSc	19311213	Preethi	Good.
06	11/4/22	III BSc	19311215	Venkat	Awareness.
07	11/4/22	III BSc	19311218	Naveen	Good.
08	11.4.22	III BSc	19311232	Bhargavi	satisfactory.
09	11/4/22	III BSc	19311231	Manikanta	Got Awareness.
10	11/4/22	III BSc	19311224	Mahmood	Useful
11	11/4/22	III BSc	19311223	Ramya sri	satisfied
12	11/4/22	III BSc	19311211	Rex DAYAN	Good
13	11/4/22	III B.Sc	19311218	Naveen	Good.
14	11/4/22	III BSc	19311220	Durga Prasad	Useful
15	11/4/22	III BSc	19311234	Sonu	Satisfactory.
16	11/4/22	III B.Sc	19311216	Reddy	Good.

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Machavaram, Vijayawada, Krishna District, AP-520 004

DEPARTMENT OF BOTANY

Date	**30.3.2022**
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.	**Department**
Nature of activity (seminar/Workshop/Extn. Lecture etc.	**Field trip**
Title of the Activity	**Pharma Plant Expo 2022**
Name of the Department/Committee	**Department of Botany**
Details of Resource Persons (Name , Designation etc.,)	**KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada Students and Faculty**
No of students and Faculty participated	**70**
Name of the Lecturers who planned & conducted the activity	**Planned and Organized by Ms G.Swapna Lecturer In Charge Mrs V.N. Padmavathi , Lecturer in Botany Dr Ch. Srinivasa Reddy , Lecturer in Botany Mrs I. Prasanthi , Guest Lecturer**
Remarks	**This Field trip has given students onsite hands on experience and much deserved exposure and Kinda rejuvenated the students**

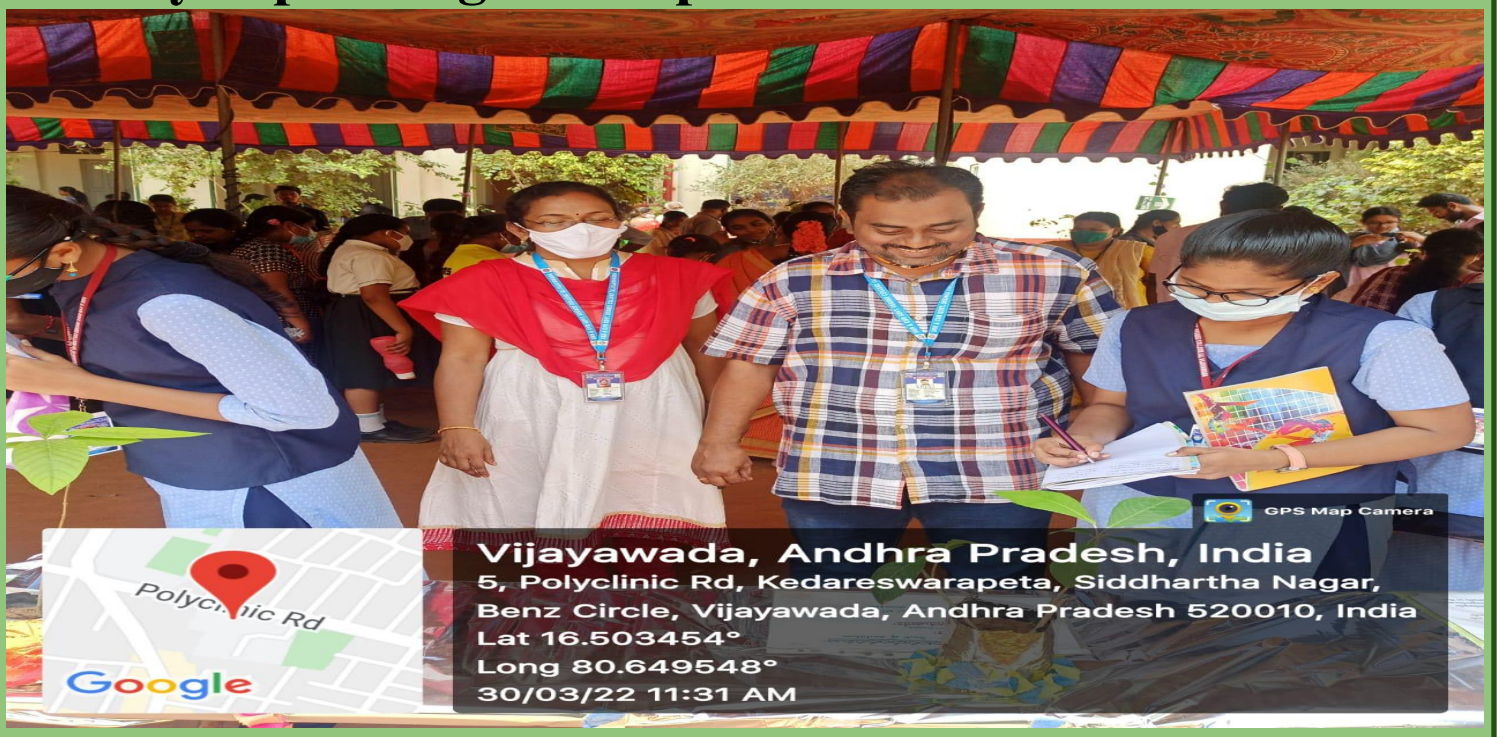
Department of Botany, SRR & CVR Govt DegreeCollege faculty took the Botany and Horticulture students of B.Sc First , Second and Third Year students to " Pharma Plant Expo-2022" Organized by KVSR Siddhartha College of Pharmaceutical Sciences. 0n 30.3.2022 from 10.00 to 2.00 pm .





Students and faculty reached the college by 10.30 am and initially visited 300 species of medicinal plants. Students noted down the common , scientific names , family and medicinal importance of each plant .

Faculty explaining the Importance of Medicinal Plants

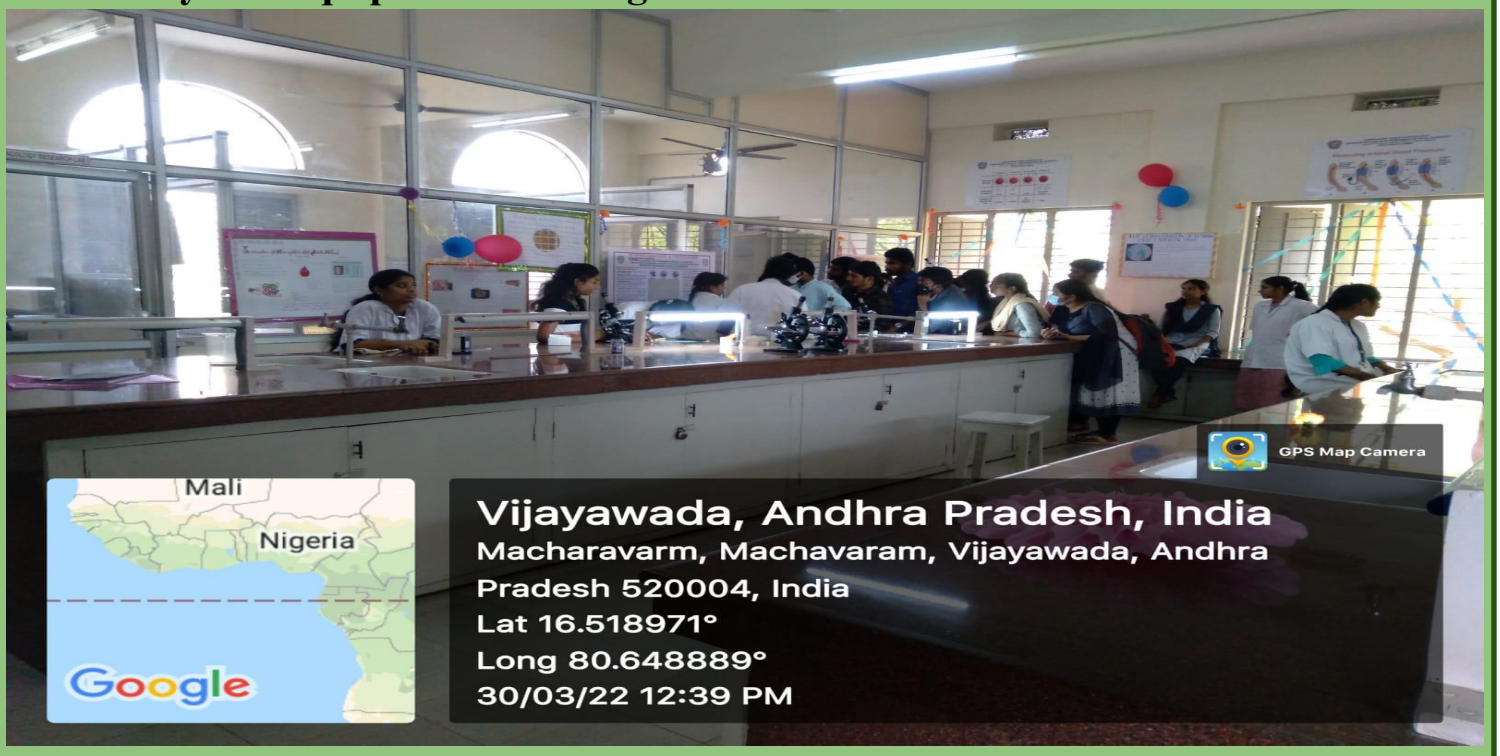








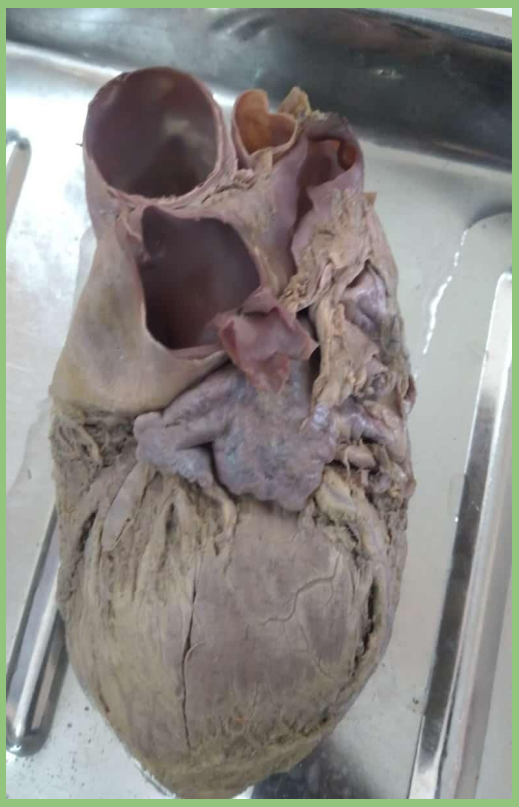
Later they explored Latest Pharmaceutical machinery which were being used normally . Pharmacy students explained to B.Sc BZC Students about the Machinery and equipment working mechanism .



Later students visited Drug Packaging units and learned the process from Pharmacy students . Pharmacy students explained the Drug discovery process. After that students learnt about the various chromatographic techniques used in the synthesis of drugs . Pharmacy students explained about the functionality of Advance analytical instruments.

Later some students went for BMI Screening, known their Height, weight and BMI Value , Patient counseling for general health and also visited the Drug Museum . Students also saw the real Human Organs like Brain, Kidney, Liver ,Heart etc and Pharmacy students explained the Anatomy and functionality of the organs.

Photographs Taken by students in Anatomy Laboratory







By 2.00 pm BZC students completed visiting the Expo and Faculty and students reached the college by 2.30 pm .

This Field trip was very much useful for students and students gained knowledge on Medicinal Plants, Drug discovery process , Advanced Equipment and many more processes.



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A Group photo in Kondapalli fort



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Date	22/08/2022
Conducted through (DRC/JKC/NCC/NSS) Department etc.	Department of Botany
Nature of the activity Seminar/Work shop/Extn. Lecture etc.	Field Visit /Botanical tour
Title of the activity	Field Trip to Kondapalli Reserveforest
Name of the Department /committee	Department of Botany
Details of the resource persons (Name, Designation etc.)	V. Naga Padmavathi Dr.Ch. Srinivasa Reddy V.B. Naik
No. of students participated	30
Name of the Lecturer who planned and conducted the activity	V. Naga Padmavathi Dr.Ch. Srinivasa Reddy
Remarks	Field Trip was successful

Students taking rest while trekking



The Botanical Tour was very informative and beneficial to the students

A field trip was conducted by the department of Botany on 22-08-2022 to Kondapalli reserve forest as part of curriculum. The students of I BZC & I BHC total 30 students were participated and accompanied by three staff members. Field study is an essential part of Botany as plants are best studied in their naturai habitat. Kondapaiii is located near to Ibrahim patnam. We got to see different types of life forms and collected plants for herbarium. Students also studied mosses, pteridophtytes.



Students coiiecting piants for herbarium

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Machavaram, VIJAYAWADA-520 004

LECTURER IN CHARGE
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SRR & CVR GOVT. DEGREE COLLEGE
VIJAYAWADA-4, Krishna Dist.

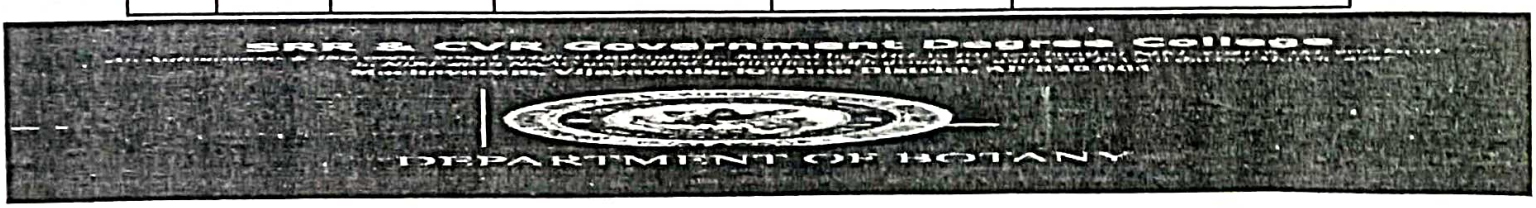


Faculty showing an Epiphyte Vanda with clinging & Aerial Roots



STUDENT SIGNATURES AND FEEDBACK

S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
1.		I BHC	21317207	K. Mounika	Beneficial
2.		I BHC	21317201	A. Prasanthi	Use full
3.		I BHC.	21317209.	T. Lavanya.	Got awareness.
4.		I BHC.	21317205	K. Jagadeesh	Beneficial.
5.		I B.H.C	21317206	T. Mrudula	Good.
6		I BHC	21317212	P [illegible]	Got Awareness
7.		I BHC	21317204	Devi Naga chi	Good
8.		II. B.Sc	20311205	Monnisa.	Useful
9		III BZC	20311223	Saik Baji	Good
10		II	20311003	[illegible]	Good
11.		III BZC	20311216	P. Sai	Good.
12		III BZC	20311008	P [illegible]	Good
13		III BZC	20311213	M. Gayathri	Good
14.		III B.Sc.	20311227	[illegible]	Good.
15		III BZC	20311225	[illegible]	Good



STUDENT SIGNATURES AND FEEDBACK

S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
16.	22/8/22	IBZC	~~N. Divya~~	Divya	Beneficial
17	22-8	IBZC		Pavani	Good.
18.	22/8	I BZC		Ishwarya	Got awareness
19.	22-8	I BZC		Sirivalli	Helpful.
20.	22/8	I BZC	-	Mohana	Good.
21.	22/8	I BZC		Supriya	Helpful
22	22/8	I BZC		Mohitkag	Good
23	22/8	I BZC		Joseph	Very Helpful.
24.	22/8	I BZC		Ganesh	Good
25.	22-8	I BZC		Jagadeesh	Beneficial
26.	22/8	I BZC		Revathi	Good
27.	22-8	I BZC		Deepthi	Very Helpful
28.	22/8/22	I BZC		Sravani	Helpful.

S.R.R & C.V.R. GDC (A) – Vijayawada

Dept. of Chemistry

Field visit to CSIR – IICT (Indian Institute of Chemical Technology) – Tarnaka,Hyderabad T.S. **on 26.06.2022**

Prepared by Dr. K.Nallapa Reddy

We the dept. of Chemistry, arranged an educational field visit to csir-iict, **on 26.06.2022 for I M.Sc. Organic Chemistry students**. CSIR-IICT is one of the Indian Agricultural Research Institute meant for Basic Research in Organic Synthesis& Catalysis , Popularly Known as **Indian Institute of Chemical Technology,** located at Tarnaka, Hyderabad, T.S. In this programme.

The programme is coordinated by **Dr. K. Nallapa Reddy** lecturer in Chemistry, along with PG. Co-ordinator **Dr. M. Malayadri** under the guidance of the College principal **Dr. K. Bhagya Lakshmi** and other faculty members of chemistry dept. 15 students of II M.Sc, (Organic Chemistry) participated in this programme.

Objective of this visit:

Prime objective of this tour is inculcation of scientific thinking among the students. CSIR-IICT is research institute of Basic Research in Organic synthesis & catalysis Located in India.

- Knowing and observing how research is done in this institute would help the students to **frame the basic idea of how the chemistry knowledge that they acquired in graduation & Post Graduation would help to do the research.**
- To know the various job opportunities in research institutes.
- To develop friendly relation among the peer members of students and with teachers



Planning of the tour: Proper planning and management made our tour a fruitful one. We have taken the permission from the director of CSIR-IICT and he accepted our invitation and assigned **Dr. B.D. Sanjay Sir,** for planning the tour. Finalising the dates and permission to utilise the canteen facilities is accorded through proper correspondence.

----- Forwarded Message -----
From: Sanjay B.D. <bdsanjay@iict.res.in>
To: srrandcvr@gmail.com
Cc: Malapaka Chandrasekharam <csmalapaka@iict.res.in>
Sent: Thu, 16 Jun 2022 12:43:26 +0530 (IST)
Subject: Visit on 20/06/2022

Dear Madam/Sir,
As per the instructions of DIICT and the present COVID situation, you are instructed to check the same and visit us on - 20/06/2022 or please cancel the visit. Request you to confirm the same.
Regards,
Dr Sanjay

Request letter for visit permission

Vijayawada
18 June, 2022

To
The Principal,
S.R.R & C.V.R Govt. degree college,
Vijayawada.

Subject: Requesting permission to visit CSIR-IICT, Secundrabad, Telangana.

Respected madam,

We are going to visit CSIR-IICT, Secundrabad, Telangana, on Monday, i.e. 20th June, 2022 with three Faculty members and one attendee. We are planning to go on Sunday night i.e. 19 June, and will arrive on 21 June, 2022 morning. So please grant us permission to visit CSIR-IICT.

Thanking you madam,

Yours sincerely,

We hereby attached the list of students and Faculty members who are going to visit IICT on 20-6-22.

18.6.2022

Signature of the Principal

PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)
Machavaram, VIJAYAWADA-4.

Further correspondance to finalise the time and date

S.R.R. & C.V.R. GOVT. DEGREE COLLEGE
(Autonomous)
NAAC accredited with 'B+' Grade
Machavaram, VIJAYAWADA - 520 004. Krishna District.
Cell : 9848251236 Ph : 0866-2430060, Fax : 0866-2441092, www.srrcvr.ac.in srrandcvr@gmail.com

Dr. K. Bhagya Lakshmi, M.Sc., M.Phil, Ph.D.
Principal

Date 13.05.2022
Vijayawada.

To
The Director,
CSIR-IICT,
Tarnaka, Hyderabad,
Telangana – 500007.

Subject: Request letter for seeking permission to visit students in CSIR-IICT

Respected Sir,

With due respect, Iam Dr. K. Bhagya Lakshmi, working as Principal in SRR and CVR Government Degree College (A), Vijayawada. Our college is reputed at providing quality education in the various courses to students. Iam writing this letter to humbly request you to allow our college M.Sc. students to visit your prestigious institute. Our academic curriculum focuses on engaging students in practical experiences to observe the implementation of what they are taught in institute. We believe that your institute will give our students relevant knowledge during this visit.

A group of Twenty five students of M.Sc. and Four faculty members intend to participate in this Research institute visit during June 10th to 20th June, 2022. Therefore I request you to kindly allow our students for **two days** to visit the premises on the above-mentioned dates. Hoping to receive a quick and positive response.

Thanking you sir.

Yours sincerely,
13.5.2022
(Dr. K. Bhagya Lakshmi)
PRINCIPAL
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)
Machavaram, VIJAYAWADA-4.

Date is finalised on 20.06.2022

----- Forwarded Message -----
From: Sanjay B.D. <bdsanjay@iict.res.in>
To: srrandcvr@gmail.com
Cc: Malapaka Chandrasekharam <csmalapaka@iict.res.in>
Sent: Thu, 16 Jun 2022 12:43:26 +0530 (IST)
Subject: Visit on 20/06/2022

Dear Madam/Sir,
As per the instructions of DIICT and the present COVID situation, you are instructed to check the same and visit us on - 20/06/2022 or please cancel the visit. Request you to confirm the same.
Regards,
Dr Sanjay

Request mail to avail canteen facilities

S.R.R. & C.V.R. GDC (A), Vijayawada

Dept. of Chemistry

"Field Visit to CSIR-IICT, Tarnaka, Hyderabad,T.S. on 20.06.2022"

List of students Coming to Field trip from I M.Sc (Organic Chemistry) on 20.06.2022

S.No	Name of the student	Gender	Group
1.	T.Manoj Kumar	M	1st-M.Sc
2	K.Bharath Kumar	M	1st-M.Sc
3	A.Mahesh	M	1st-M.Sc
4	D. Siva Sankar	M	1st-M.Sc
5	B. Naga Raju	M	1st-M.Sc
6	Shaik Faridunnisa	F	1st-M.Sc
7	R.Devi	F	1st-M.Sc
8	B. Lakshmi	F	1st-M.Sc
9	J. Sri Lakshmi	F	1st-M.Sc
10	D.V. Naga Rani	F	1st-M.Sc
11	D. Pavani	F	1st-M.Sc
12	G. Anusha	F	1st-M.Sc

13	K. Koteswari	F	1st-M.Sc
14	Ch. Prasanna	F	1st-M.Sc
15	P. Maneesha	F	1st-M.Sc
16	K. Swarna Kumari	F	1st-M.Sc
17	L. Kavya	F	1st-M.Sc
18	N. Satyanvesh	M	1st-M.Sc
19	S. Surendra	M	1st-M.Sc
20	V. Gopi	M	1st-M.Sc
21	K. Arjun	M	1st-M.Sc
22	M. Kartik Raju	M	1st-M.Sc

Total no. of Students:22 :: Girls: 12 , Boys:10 accompanied by

2 Faculty members: Dr. K.Nallapa Reddy, Dept of Chemistry
Dr.M.Malyadri , Dept of Chemistry
Ms.P.Krupani, Dept of Chemistry
Mrs. Kusama (Non Teaching Staff)

Dept. of Chemistry - Field visit on 20.06.2022



Field visit at Glance: During this visit, Dr. B.D.Sanjay, Principal scientist, explained in very elaborated manner the following issues.

- How do you do mass spectrometry ?
- What are the 5 Process of Mass Spectroscopy ?
- What can HPLC Detect ?
- What is the principal of the HPLC ?
- Why oxygen is not used is gas Chromatography?
- Which Solve is best for NMR ?
- Which Solvent Cannot be used in NMR ?
- What is the basic principal of UV Spectroscopy ?



A brief introduction of HPLC & MASS Spectroscopy of CSIR-IICT given by **Dr. B.D. Sanjay** and student interactive session with her.



- Determination of different instrumental techniques like Mass Spectroscopy , HPLC, UV GAS Chromatography NMR & UV Spectroscopy Methods.



Explaining Different methods of instrumental techniques

Acknoledgements:

- We sincerely thank our beloved principal mam, **Dr. K. Bhagyalakshmi garu** for her kind cooperation, guiding us in planning the tour and especially for her suggestions in systemising the transportation facility.
- We extent our heartful thanks to **Dr. V.Srinivasa Rao, HOD ,** Lecturer in chemistry for suggesting and sharing the eminence of CSIR-IICT.
- Our thanks and appreciations to **Mr. Ch.Ganesh, IInd M.SC student** for his active involvement in arranging the bus & Train.
- Our whole hearted thanks to our colleagues in chemistry dept., all the students and CSIR-IICT team , who took part in this tour.

Feedback has been collected via google form. Students have given a satisfactory feed back this field visit.

1. Dr. V. Srinivasa Rao, HoD, Dept. of Chemistry
2. Dr, M. Malyadri, Dept of Chemistry
3. Dr. K. Nallapa Reddy Dept of Chemistry

S.R.R & C.V.R. GDC (A) – Vijayawada

Dept. of Chemistry

Field visit to ICAR – IIOPR (Indian Institute of Oil Palm Research) – Pedavegi, A.P. on 07.06.2022

Prepared by Dr. Sk. Beebi

We the dept. of Chemistry, arranged an educational field visit to IIOPR, **on 07.06.2022 for II B.Sc. Chemistry students**. ICAR-IIOPR is one of the Indian Agricultural Research Institute meant for Palm oil research, Popularly Known as **Indian Institute of Oil Palm Research,** located at Pedavegi, West Godavari dt. A.P. In this programme.

The programme is coordinated by **Dr. Sk. Beebi** lecturer in Chemistry, along with Head of the Dept. of Chemistry **Dr. V. Srinivasa Rao** under the guidance of the College principal **Dr. K. Bhagya Lakshmi** and other faculty members of chemistry dept. 45 students of II B.Sc, (M.P.C, M.B.C, M.C.CS, B.Z.C) participated in this programme.

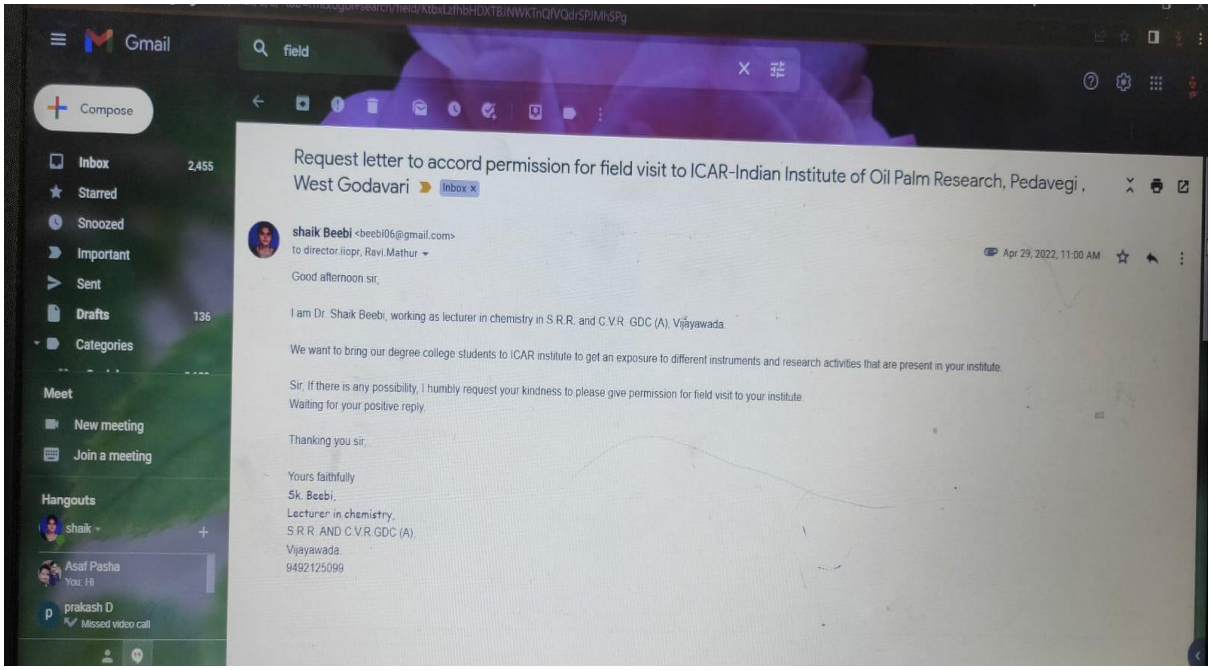
Objective of this visit:

Prime objective of this tour is inculcation of scientific thinking among the students. IIOPR is one and only research institute of palm oil located in India.

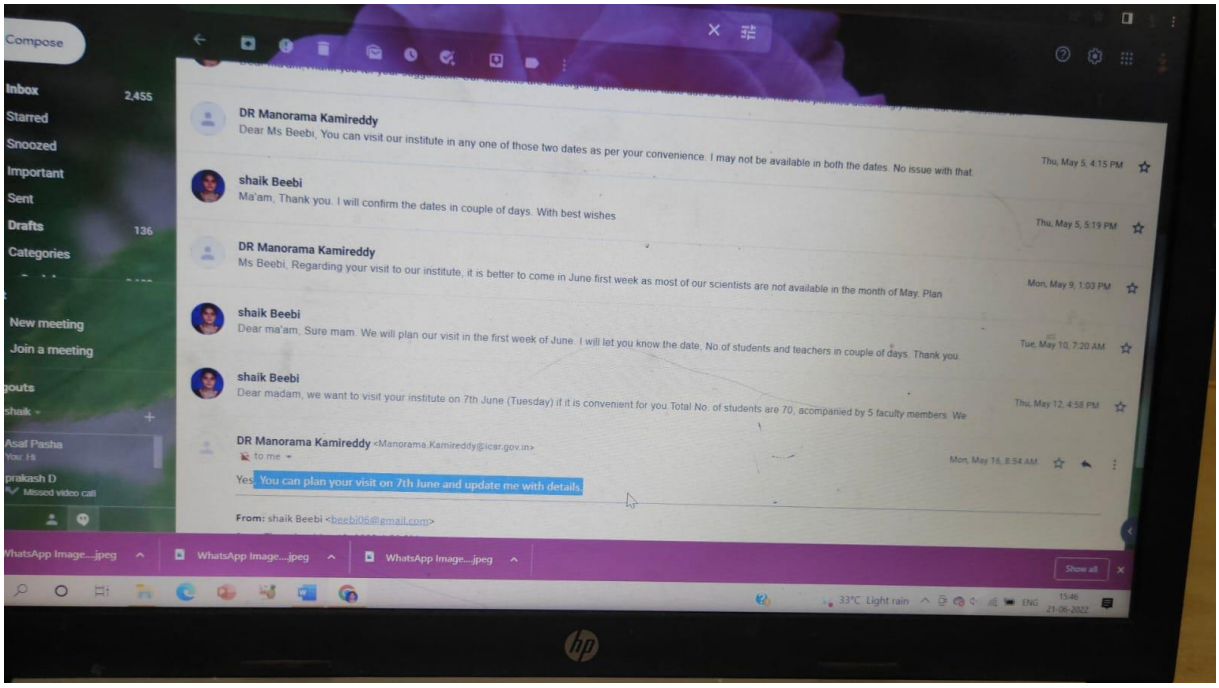
- Knowing and observing how research is done in this institute would help the students to **frame the basic idea of how the chemistry knowledge that they acquired in graduation would help to do the research.**
- To know the various job opportunities in research institutes.
- To develop friendly relation among the peer members of students and with teachers



<u>Planning of the tour:</u> Proper planning and management made our tour a fruitful one. We have taken the permission from the director of IIPOR and he accepted our invitation and assigned **Dr. Manorama** Mam for planning the tour. Finalising the dates and permission to utilise the canteen facilities is accorded through proper correspondence.



Request letter for visit permission



Further correspondance to finalise the time and date

S.R.R. & C.V.R. GOVT. DEGREE COLLEGE
(Autonomous)
NAAC accredited with 'B⁺' Grade
Machavaram, VIJAYAWADA - 520 004. Krishna District.
Cell : 9848251236 Ph : 0866-2430060, Fax : 0866-2441092, www.srrcvr.ac.in srrandcvr@gmail.com

Dr. K. Bhagya Lakshmi, M.Sc., M.Phil, Ph.D.
Principal

Date .....

To 29.04.2022

The Director,

ICAR – Indian Institute of Oil Palm Research,

Pedavegi- West Godavari,

Andhra Pradesh.

SUB: Request to accord permission to field visit to ICAR-Indian Institute of Oil Palm Research, Pedavegi, West Godavari for B.Sc - **Chemistry students** of SRR & CVR GDC(A), Vijayawada, Regarding.

Dear Sir,

This is a request letter to seek your kind permission to field visit to ICAR-Indian Institute of Oil Palm Research, Pedavegi, West Godavari for **Chemistry students of SRR & CVR** GDC(A), Vijayawada. As a part of Co-curricular activity, field trips

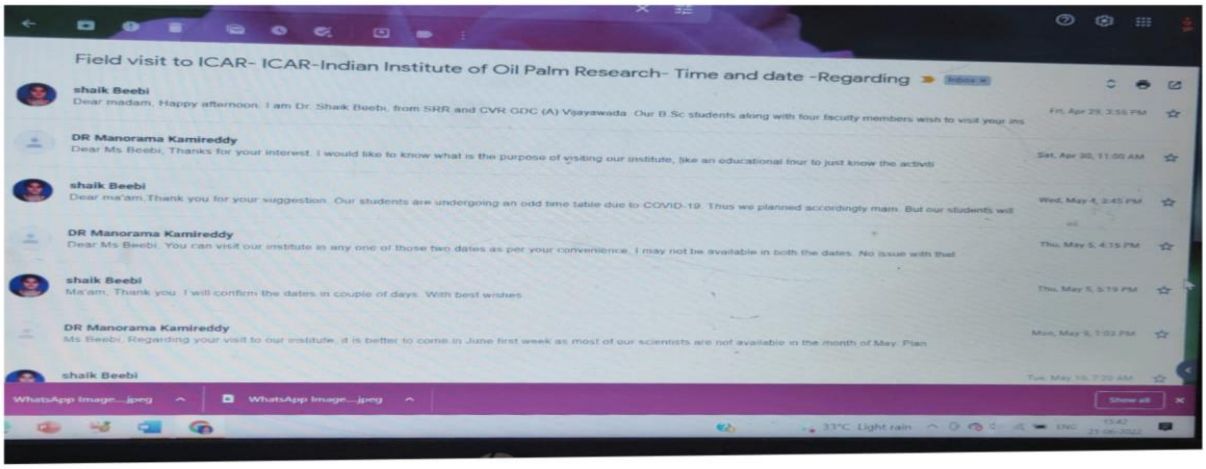
help the students to enhance their critical thinking skills and they would have real world experiences.

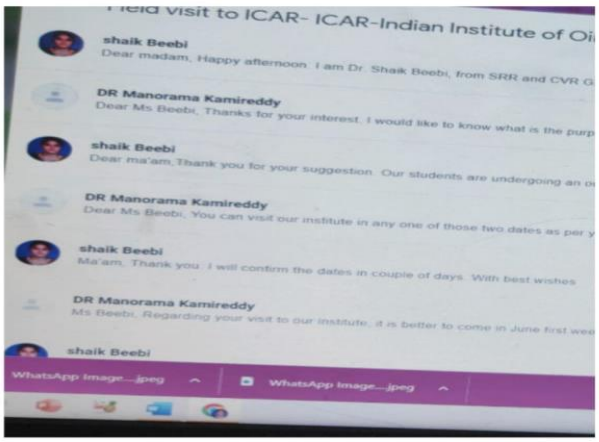
As your institute is one of the pronounced national research institutes for oil palm, Students would get exposure to the different processes and techniques in extracting of oil from palm trees. In this regard, we humbly request you sir to kindly permit the students to field visit to your institute. In this connection, we are pleased to introduce SRR & CVR Govt Degree College (A), a premier institute of central Vijayawada.

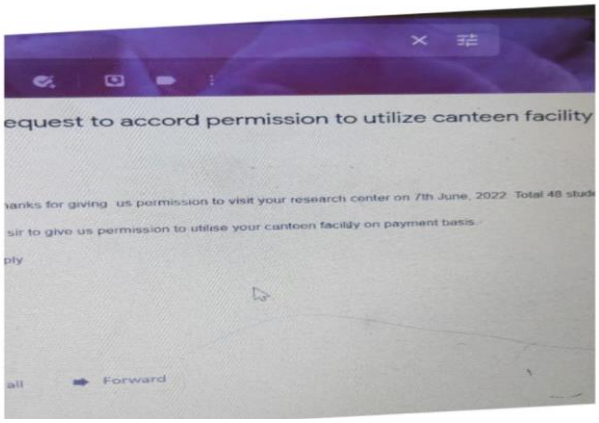
The total number of students will be around 60, accompanied by four faculty members. We assure that our students will strictly follow your guidelines. We request you to grant permission. We highly appreciate your acceptance.

Thank you.

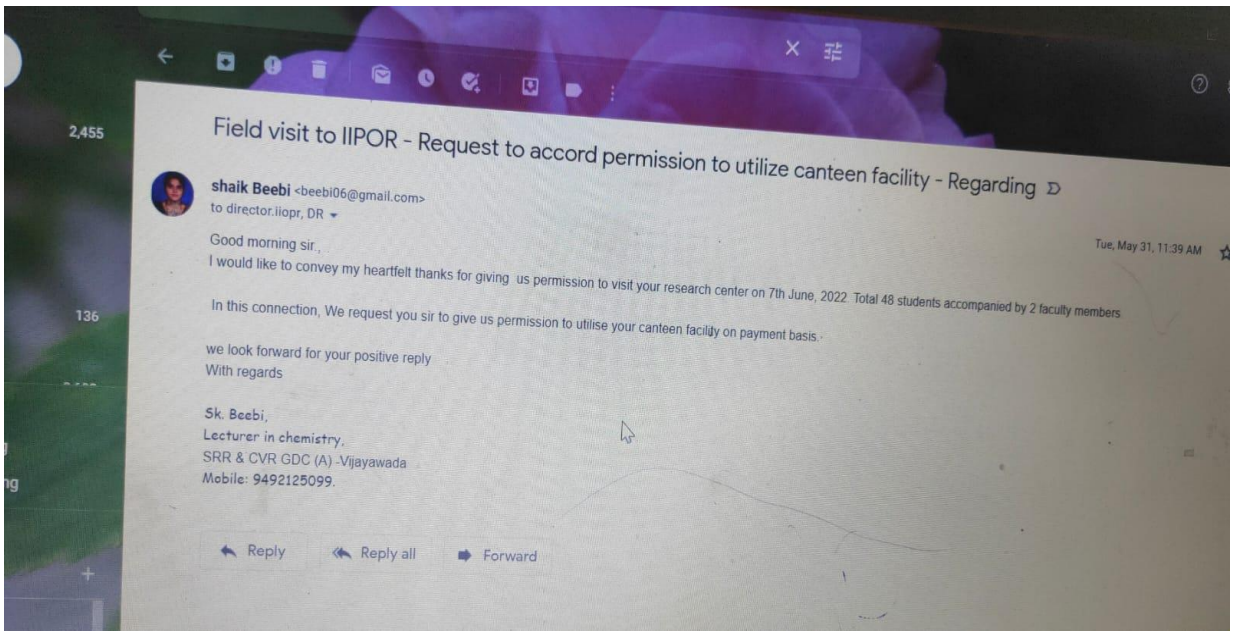
We look forward to your positive response.







Date is finalised on 07.06.2022



Request mail to avail canteen facilities

S.R.R. & C.V.R. GDC (A), Vijayawada

Dept. of Chemistry

"Field Visit to ICAR-IIPOR, Pedavegi , West Godavari dt. on 07.06.2022"

List of students Coming to Field trip from II B.Sc on 07.06.2022

S.No	Name of the student	Gender	Group
1.	Rajya Lakshmi	F	M.B.C
2	Muthyam	F	M.B.C
3	Bhanu Teja	F	M.B.C
4	Tejaswi	F	M.B.C
5	Nagalakshmi	F	M.B.C
6	Sai Prasanna	F	M.P.C
7	Stephen	M	M.P.C
8	Manikanta	M	M.P.C
9	Manish Varma	M	M.P.C
10	Vijayasri	F	M.P.C
11	S. Srikanth	M	M.P.C
12	P.Samuel Raj	M	M.P.C
13	Bhanu Prakash	M	M.P.C
14	A.Bala Subrahmanyam	M	M.P.C
15	N. Sunil	M	M.P.C
16	P.Lokesh	M	M.P.C

17	K.Chandra Shekhar	M	M.P.C
18	Varun	M	M.P.C
19	G.V. Goi Raj	M	M.P.C
20	Sasikanth	M	M.P.C
21	Rajesh Raddy	M	M.P.C
22	Hemanth	M	M.P.C
23	Sai	M	M.P.C
24	K. Kiran Kalyan	M	M.P.C
25	V. Adarsh Kumar	M	M.P.C
26	J. Narendra	M	M.P.C
27	Mahesh	M	M.P.C
28	Mahima	F	M.P.C
29	M.Devadinesh	M	M.P.C
30	K.Aditya Raju	M	M.P.C
31	Lakshmi Prasanna	F	M.P.C
32	J Sateesh	M	M.P.C
33	Lochan Sai	M	B.Z.C
34	Mounika	F	B.Z.C
35	Hema Sri	F	B.Z.C
36	K. Abhishek	M	B.Z.C
37	Y. Jagadeesh	M	B.Z.C
38	Sk. Baji	M	B.Z.C
39	G. Sai Kumar	M	M.C.CS
40	Nagaraju	M	M.C.CS

Total no. of Students: 40 :: Girls: 11 , Boys: 29 accompanied by

2 faculty members: Dr. V. Srinivasa Rao HOD, Chem.
Dr. Sk. Beebi, Dept. of Chemistry

Dept. of Chemistry - Field visit on 07.02.2022



Field visit at Glance: During this visit, Dr. K. Manorama, Principal scientist, explained in very elaborated manner the following issues.

- what is the need of this palm oil research in India?
- What are the suitable conditions to grow palm oil farms?
- How is the soil analysed for best growth of palm trees?
- How do they analyse the growth of palm tress by looking at quality of leaves?
- What are minerals and elements needed for growth of palm trees.



A brief introduction of Vision and Mission of IIOPR given by **Dr. Manorama, Principal scientist** and student interactive session with her.



Mr. Venkateswara Rao , lab analyst illustrated the instrumentation in soil and leaf analysis lab.

- Determination of N, P, K, B and Mg content in the soil by different instrumental techniques like spectrometers, conductometers, kjeldhal and titration methods.



Explaining how soil samples are prepared for quality analysis



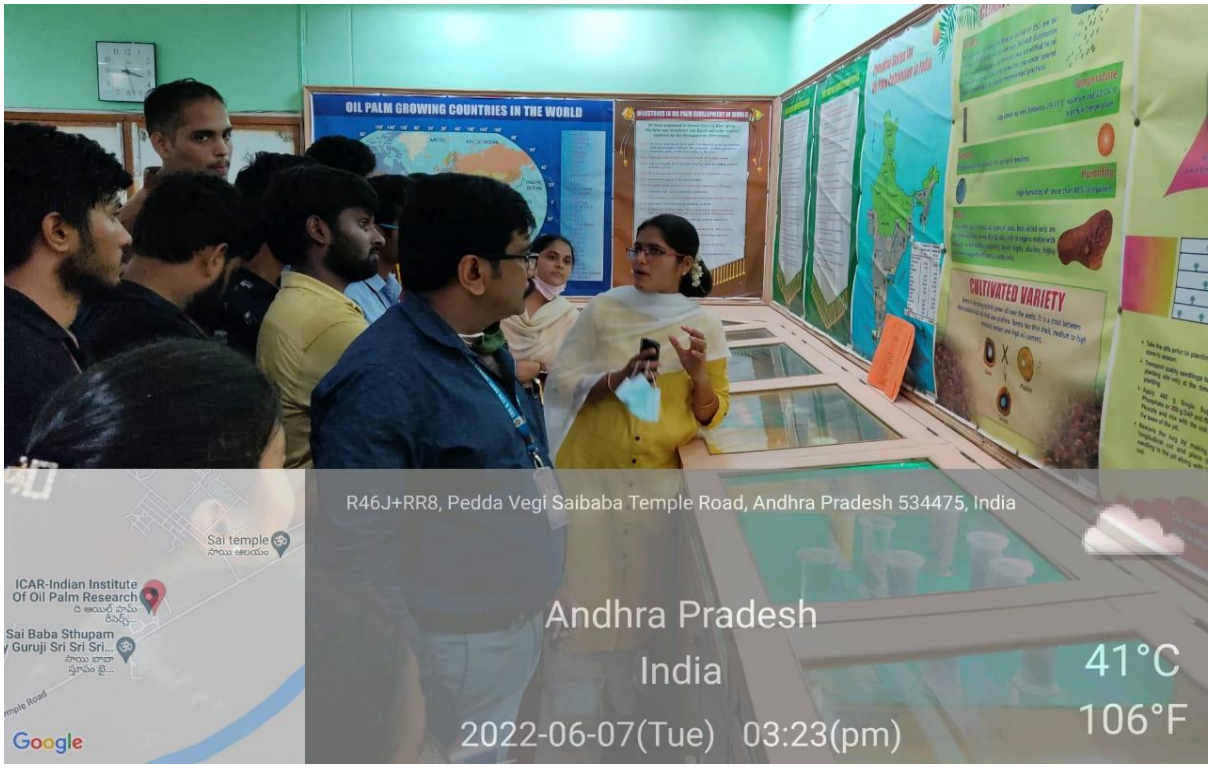
Preparing soil suspension for conductometric determination





Dr. Bhagya, Scientist , explained the in field requirements of oil palm trees

Later students were taken to museum, where various plant parts, seeds and all the bi products made of palm extracts are preserved





Museum- IIOPR, Pedavegi

Students felt very happy and they have an interaction session with scientist of IIOPR at the end.



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epaper.eenadu.net

క్షేత్ర పర్యటన

మాచవరంలోని ఎస్సార్ అండ్ సీవీఆర్ ప్రభుత్వ డిగ్రీ కళాశాల రసాయనశాస్త్ర విభాగం ఆధ్వర్యంలో బీఎస్సీ ద్వితీయ సంవత్సరం విద్యార్థులను ఏలూరు జిల్లా పెదవేగిలోని ఐసీఏఆర్-ఐఐవోపీఆర్ (ఐసీఏఆర్-ఇండియన్ కౌన్సిల్ ఆఫ్ అగ్రికల్చర్ రీచర్చ్- ఇండియన్ ఇన్‌స్టిట్యూట్ ఆఫ్ ఆయిల్ పామ్ రీచర్చ్)కు క్షేత్ర సందర్శనకు మంగళవారం తీసుకెళ్లామని రసాయనశాస్త్ర విభాగాధిపతి డాక్టర్ వి.శ్రీనివాసరావు తెలిపారు. ఐఐవోపీఆర్ శాస్త్రవేత్త డాక్టర్ కె.మనోరమ విద్యార్థులకు పామ్ ఆయిల్ సాగు, విశిష్టతపై అవగాహన కల్పించారని చెప్పారు. మట్టి, పామ్ ఆయిల్‌పై పరిశోధనలు వివరించారు. 45 మంది విద్యార్థులు, డాక్టర్ ఎస్‌కే బీబీ పాల్గొన్నారు. - న్యూస్‌టుడే, మాచవరం



Date : 08/06/2022 EditionName : ANDHRA PRADESH(AMARAVATI NTR) PageNo :

Media coverage of the tour on 07.06.2022 in EENADU

Acknoledgements:

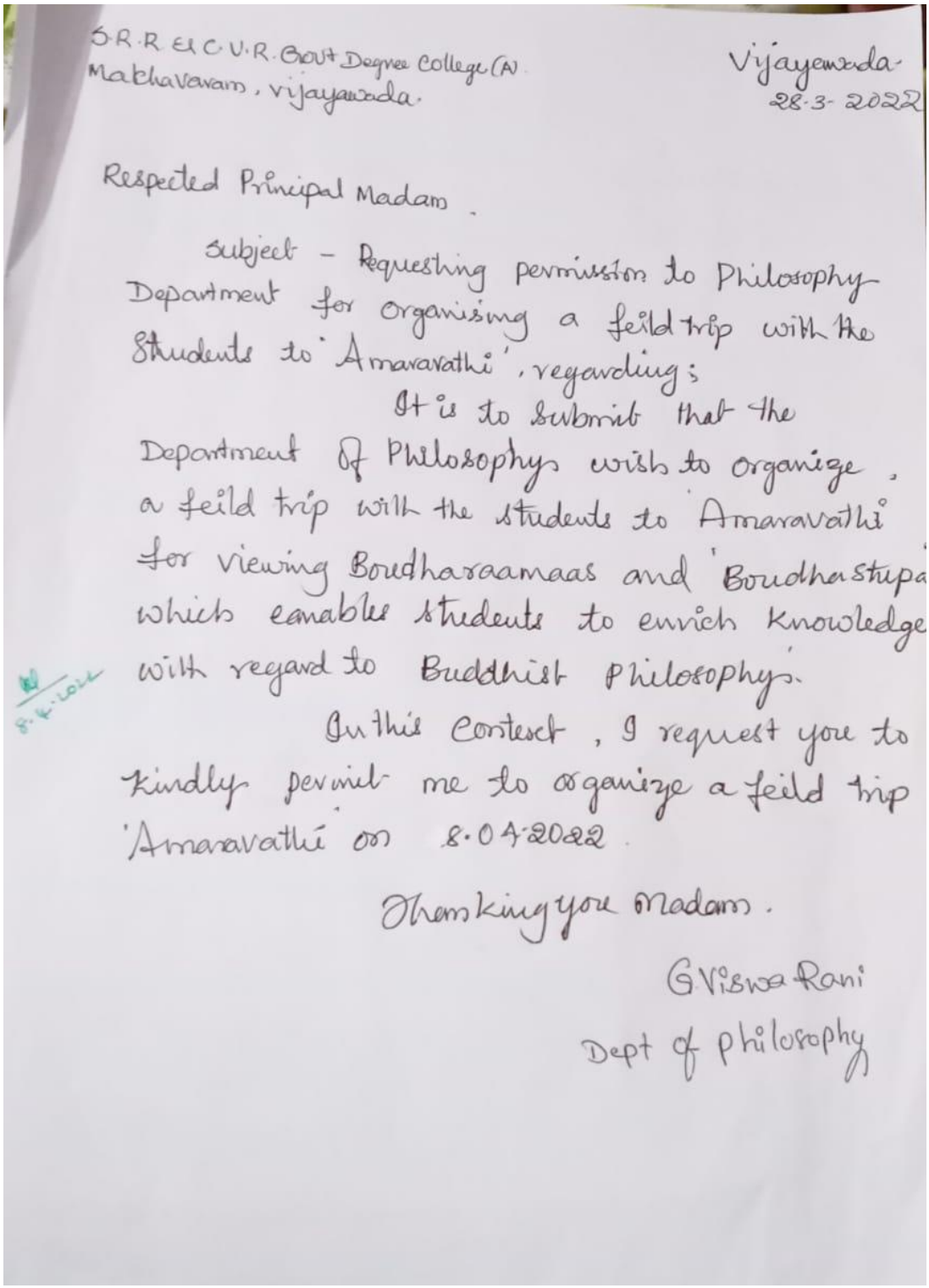
- We sincerely thank our beloved principal mam, **Dr. K. Bhagyalakshmi garu** for her kind cooperation, guiding us in planning the tour and especially for her suggestions in systemising the transportation facility.
- We extent our heartful thanks to **Dr. Sd. Vazeeha Tahassen,** Lecturer in biochemistry for suggesting and sharing the eminence of ICAR- IIOPR.
- Our special thanks to **Dr. P. Balasubramanyam** garu, Lecturer in political science for his association in arranging the transportation facility.
- Our thanks and appreciations to **Mr. Sk. Karimulla, II B.A student** for his active involvement in arranging the bus.
- Our whole hearted thanks to our colleagues in chemistry dept., all the students and IIOPR team , who took part in this tour.

Feedback has been collected via google form. Students have given a satisfactory feed back this field visit.

1. Dr. V. Srinivasa Rao, HoD, Dept. of Chemistry

2. Dr, Sk. Beebi, Lecturer in Chemistry

SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)
PHONE NO : 9848732916
NAAC : B+ (III Cycle with CGPA : 2.60) - Estd: 1937
ISO 9001 - 2015 Certified
Institution is ranked by NIRF 101 - 150 band at NIRF - 2020
WEBSITE : www.srrcvr.ac.in
EMAIL : srrandcvr@gmail.com



S.R.R & C.V.R. Govt Degree College (A)
Mahavaram, Vijayawada.

Vijayawada.
28.3.2022

Respected Principal Madam,

Subject - Requesting permission to Philosophy Department for organising a feild trip with the Students to 'Amaravathi', regarding;

It is to submit that the Department of Philosophy wish to organize a feild trip with the students to Amaravathi for viewing Boudharaamaas and 'Boudhastupa' which enables students to enrich knowledge with regard to Buddhist Philosophy.

8.4.2022

On this Context, I request you to kindly permit me to organize a feild trip 'Amaravathi' on 8.04.2022.

Thanking you Madam.

G Viswa Rani
Dept of Philosophy

S.No	Name of the Student	Signature of the Student
1.	A. Praveen Kumar	
2	SK. Ecsoob	
3	K. Pavankumar	
4.	ch. Veeranjaneyulu	
5.	N. Poorna Rajeswari	
6.	P. Ravi Kumar	
7.	P. Sai Kumar	
8.	K. Anjaneyulu	
9.	H. seetharamaiah naik	
10.	K. Manasa	
11.	S. Sravani.	S. Sravani
12.	Srikanth	
13.	Jyoshua.	
14	seshu	
15.	shalom Rajiv	shalom Rajiv
16.	Sai	Sai
17.	venkatesh.	venkatesh

Department of Philosophy

The department of Philosophy students visited Amaravathi as part of field visit on 8th April 2022. 17 students of 2nd and 3rd years of philosophy department participated in the field visit. On the field visit the students visited the Amaralingeswara swamy Temple and learned about the historical importance of the temple. Later visited the Dhyana Buddha statue and learned the life history of Buddha life. Later the students visited the Undavalli Caves and the history of the caves was known the sculptures reflected the life history of Buddha. The students gained knowledge about the history of Hinduism and the life of Buddha and history of Undavalli Caves.









SRR & CVR GOVT. DEGREE COLLEGE (A) VIJAYAWADA

DEPARTMENT OF MICROBIOLOGY

Field Visit (Bio fertilizer Unit: *Azolla*)

Krishi Vigyan Kendra, Ghantasala, Krishna (Dist.)

07th March 2022





Field Visit to Bio fertilizer Unit, Krishi Vigyan Kendra, Ghantasala, Krishna (Dist.)

SRR & CVR GOVT DEGREE COLLEGE (a), VIJAYAWADA
DEPARTMENT OF MICROBIOLOGY

To
The Principal
SRR & CVR Govt. Degree College (A)
Vijayawada
Machavaram
Andhra Pradesh

Respected Madam,

Sub: - Department of Microbiology- Student Internship/Training programme - KVK, Ghantasala- Permission –Request – Regarding.

I submit to inform that the department of Microbiology has been planned 7 days student training programme /Internship on "Scientific Beekeeping" in association with Krishi Vigyan Kendra, Ghantasala, Krishna (Dist.), is one of the best organizations under National Bee Board (NBB) of Ministry of Agriculture, Hyderabad to be scheduled from 28th to 7 th March 2022. Since our students have industrial production, sources of Food spoilage and Food Preservation in their syllabus in the Course "Food and Industrial Microbiology" and field visit is a part of curriculum. I further inform that the host institute will provide TA, DA and Certification to the participants. Hence I request you to kindly permit 20 BSc (III & II MBC & MBF) students to attend training programme and teaching staff of Dr. D. Jyothi and Dr .K. Aruna, Department of Microbiology and kindly consider my absence as on-duty.

22.2.2022

Thanking you Madam,

Yours Sincerely

1. Dr. D. Jyothi 22/02/2022

2. (Dr. K. ARUNA) 22/2/2022

List of Enclosures:

1. List of Students

SRR & CVR GOVT. DEGREE COLLEGE (A), VIJAYAWADA

DEPARTMENT OF MICROBIOLOGY

Field Visit - Bio fertilizer Unit: *Azolla*

Krishi Vigyan Kendra, Ghantasala, Krishna

7th March 2022

LIST OF STUDENTS ATTENDED:

S.NO	Name of the Student	Class	Signature
1	J. Chandini Priya	III BSc MBC	J. Chandini Priya
2	P. Sadhvika	III BSc MBC	P. Sadhvika
3	V. Rameswar Reddy	III BSc MBC	V. Rameswar Reddy
4	T. Durga Amal Prasad	III BSc MBC	T. Durga Prasad
5	P. Ravi Teja	III BSc MBC	Ravi Teja
6	J. Venkateswaralu	III BSc MBC	J. Venkateswarlu.
7	K. Kinnera	III BSc MBC	K. Kinnera
8	G. Gopal Rao	III BSc MBC	G. Gopalarao
9	K. Vagdhan Babu	III BSc MBC	K. Vagdhan babu.
10	B. Aaron Wesly Paul	III BSc MBC	B. Aaron Wesley Paul.
11	Ch. Ramdevu	III BSc MBC	Ch. Ramdev
12	T. Bharathi	III BSc MBC	T. Bharathi
13	T. Teja	III BSc MBC	T. Teja
14	V. Vasanth Srinivas	II BSc MBF	

FACULTY ATTENDING:

1	Dr. D. Jyothi	IN-CHARGE , DEPT. OF MICROBIOLOGY
2	Dr. Kopuri Aruna	LECTURER IN MICROBIOLOGY

PRINCIPAL

SRR & CVR GOVT. DEGREE COLLEGE (A) Vijayawada

Department of Microbiology

Activity Register 2021-2022

Date	**07-03-2022**
Conducted through (DRC/JKC/ELF/NCC/NSS/Departments etc.)	**Department of Microbiology**
Nature of Activity(Seminar/Workshop/Extn. Lecture etc.,)	**Field Visit**
Title of the Activity	Field Visit to Bio fertilizer Unit, **Krishi Vigyan Kendra, Ghantasala, Krishna (Dist.)**
Name of theDepartment/Committee	Department of Microbiology
No. of students participated	13 III BSc MBC
Brief Report on the activity	The Department of Microbiology has Organized Field Visit to Bio fertilizer Unit, **Krishi Vigyan Kendra, Ghantasala, Krishna (Dist.)** for III BSC MBC on March 7th 2022. Azolla is Bio fertilizer to Improve Soil Fertility. Most of the nitrogen fixed becomes available to rice only after the azolla has decomposed, although a small amount of ammonium is released into the water by azolla during growth. During decomposition, organic nitrogen is mineralized rapidly during the first two weeks and then at a more gradual rate Nitrogen is released mainly in the form of ammonium. The participants understood significance of biological nitrogen fixation under field conditions. Dr .D .Jyothi, In Charge Dept of Microbiology and Dr. Kopuri Aruna, Dept of Microbiology accompany the students.
Name of the Lecturers who Planned & conducted the activity	Dr .D .Jyothi and Dr. Kopuri Aruna
Signature of the In- Charge	D. Jyothi
Signature of the Principal	





Azolla's cultivation, III BSc (MBC) March 07th 2022

- Nitrogen is one of the most essential elements needed by plants for their growth and azolla's high nitrogen content makes it an ideal biofertilizer.
- Although nitrogen is abundant in the earth's atmosphere, few plants are able to assimilate nitrogen directly from the atmosphere and most plants obtain their nitrogen from complex compounds in the soil.
- In order to feed the world's population we are locked into an artificial chemical process that has numerous detrimental effects on the Earth System.
- Less than half of the nitrogen provided by chemical fertilizers are utilized by plants and the remaining nitrogen leaches into the soil and freshwater bodes where causes enormous damage to wildlife.
- Runoff into the oceans also causes marine plankton to multiply in enormous quantities resulting in 'blooms' and 'red tides', but the billions of plankton deplete the oxygen, causing mass mortality of the plankton and other marine life. T
- Chemical fertilizers also contribute to greenhouse gases as the unabsorbed nitrogen fertilizer volatizes as nitrous oxide – a greenhouse gas that is 200 to 300 times more effective in trapping heat than carbon dioxide.

- Indian agriculture has become chemical agriculture in which numerous chemicals like insecticides, herbicides, and commercial fertilizers are being used for producing crops. Due to these major microbial populations eliminated from soil and rhizosphere is getting polluted. Biofertilizers play an important role in improving soil fertility and boosting crop yields.

- Azolla's traditional cultivation as a bio-fertilizer for wetland paddy (due to its ability to fix nitrogen), Azolla is finding increasing use for sustainable production of livestock feed. Azolla is rich in proteins, essential amino acids, vitamins, and minerals.

- It is a fast-growing **aquatic pteridophyte** that forms a symbiotic relationship with the Blue-Green Algae Anabaena azollae to fix atmospheric nitrogen. Azolla is a nitrogen-fixing plant.

ACKNOWLEDGEMENTS

We express our deep sense of gratitude to Dr. K. Bhagya Lakshmi, Principal SRR & CVR Govt. Degree College Autonomous, and Vijayawada for her support and constant encouragement to upgrade the knowledge and skills of students.

We wish to express my sincere thanks to Dr. K. Jhansi, Programme Coordinator, KVK, Ghantasala to visit the Bio fertilizer (*Azolla*) Unit.

D. Jyothi

PRINCIPAL



III BSc Microbiology, 2021-22

Field Visit to Bio fertilizer Unit: *Azolla*

Krishi Vigyan Kendra, Ghantasala, Krishna (Dist.)

07th March 2022

Field Visit to Bio fertilizer Unit: Azolla

Krishi Vigyan Kendra, Ghantasala, Krishna (Dist.)



SRR & CVR Government Degree College

An Autonomous & ISO 9001: 2015 Certified Institution:: Ranked by NIRF in 101-150 band at NIRF-2020 & 151-200 band in NIRF 2019 NAAC accredited Institution with grade B+ with C.G.P.A 2.6 during March, 2017

Machavaram, Vijayawada, Krishna District, AP-520 004



DEPARTMENT OF BOTANY

Dates	**11.4.2022**
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.	**Department**
Nature of activity (seminar/Workshop/Extn. Lecture etc.	**Field Visit/ Botanical Tour**
Title of the Activity	**Botanical tour**
Name of the Department/Committee	**Department of Botany**
Details of Resource Persons (Name , Designation etc.,)	**III B.SC BZC Students**
No of students participated	**35**
Name of the Lecturers who planned & conducted the activity	**Planned and Organized by** **Ms G.Swapna** **Lecturer In Charge** **Ms V. N . Padmavathi , Lecturer in Botany** **Dr Ch. Srinivasa Reddy , Lecturer in Botany** **Mrs I.Prasanthi, Lecturer in Botany**
Remarks	**This Botanical tour was a huge success as students and faculty explored various significant plants related to various families.**

Department of Botany SRR & CVR Govt DegreeCollege Organized a one day Field trip /Botanical tour to Kondapalli forest Reserve area , Krishna District on 1142.2022 . We started from college at 07.00 am in Bus and reached the Kondapalli area by 7.30 am.

Motive of this program:

- **Providing students Onsite, practical and real time experience inf= forest area**
- **Providing additional knowledge on the Wild Species of Kondapalli forest area .**
- **Taxonomical and Medicinal characters studies on wild species**

Tour Report :

III BSc BZC Students and Faculty Visited Kondapalli Forest area for exploring the wild species of plants. Faculty and Students explored the various species of plants covering nearly 4 kns on Kondappli hill area.



Students Collected the wild plant species for preserving and for the preparation of Herbarium. They noted down the observed wild plant species details like Common name , Scientific name , Family , Economical and Medicinal importance etc.

Students Photographed the plants of significant Ecological and Taxonomic significance and collected some parts of the plants .



Students and Faculty studying the Plant species of Ecological Significance in Forest area





Faculty Explaining the Botanical Significance Of wild plants to Botany Students

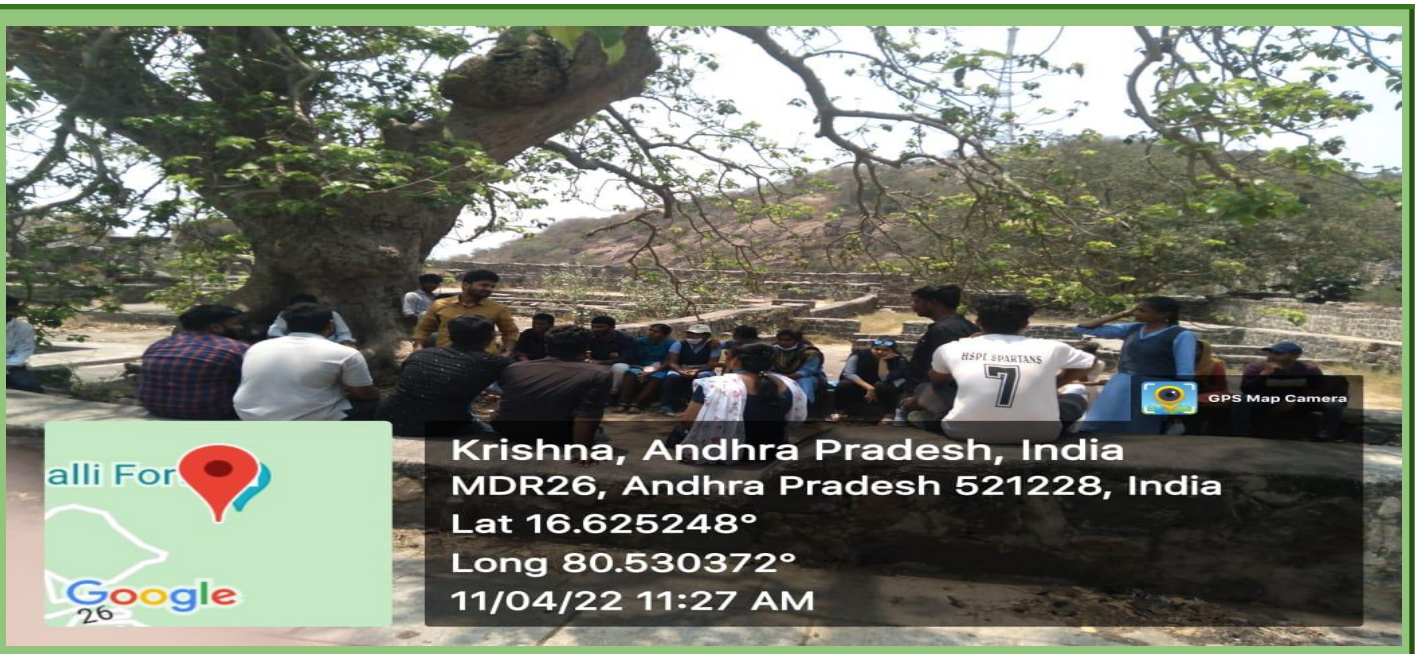


After exploring the Vegetation spanning a width of nearly 4km students and faculty visited Kondapalli fort area which is of Historical significance . Students observed all the monuments, images , sculpture and preserved historical evidence from 15 th century , 16th and 17rth centuries with enthusiasm and much interest .

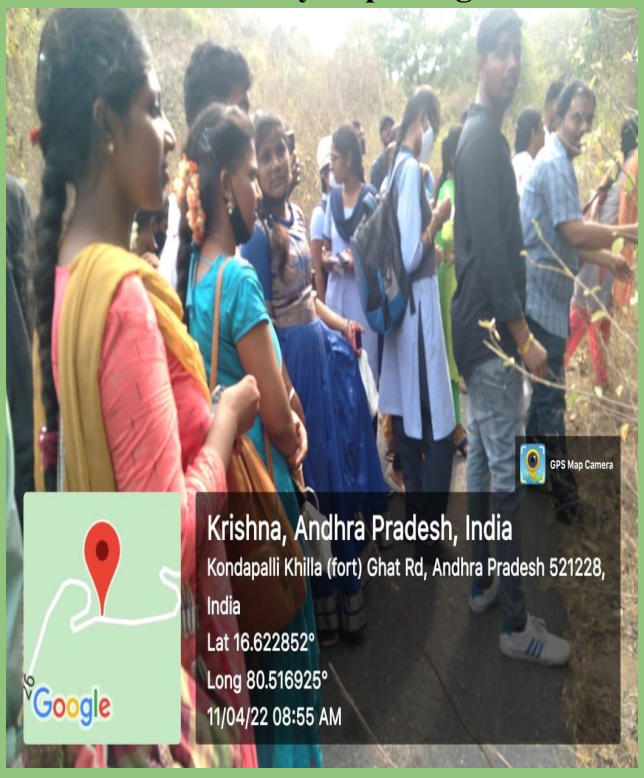




This Botanical tour actually rejuvenated the students as they have not gone to any outside place since the pandemic long two and half years . This tour gave the students a best opportunity academically in two ways as this kondapalli forest area and fort are of Significant in two ways both Botanically and Historically .



Students and Faculty Exploring the Botanical and Historical Significant Place Kondapalli





Students and Faculty thoroughly enjoyed this Botanical tour for one day with exploring all the wild species of plants on Kondapalli forest area and on hilly areas spanning an area of 4 kms and returned back to Vijayawada .



The tour was very informative and beneficial to Botany students .

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Machavaram, Vijayawada, Krishna District, AP-520 004

DEPARTMENT OF BOTANY