



S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar  
Arts, Commerce & Science College,**

**MUDDEBIHAL-586212.** Dist. Vijayapur (Karnataka)

(Accredited with CGPA of 3.31 on seven point scale at 'A+' Grade)

☎ : 08356220329

FAX : 08356220329

\* email : [princmgvc@gmail.com](mailto:princmgvc@gmail.com) \* [www.mgvcmbi.in](http://www.mgvcmbi.in) \*

Ref. No. : .....

Date : .....

3.4.2 Number of Functional MoUs with National, International Institutions, Universities, Industries, Corporate houses during the year 2023-24

### Functional MoUs

Sl.No	Department	Year	Programme
1	Chemistry	2023-24	Industry Academia Innovative Practices Special Guest Lecture on "NEP Curriculum Project Work on Sugar Industries"
			Industrial Visit to Balaji Sugars and Chemicals Pvt. Ltd.,
2	Physics	2023-24	Special Guest Lecture on "Nuclear Radiation, Detection Techniques and Applications"
3	Education & Scouts & Guides	2023-24	Special Guest Lecture on "Leadership" (Diksha)

  
**PRINCIPAL,**

M.G.V.C. Arts, Commerce & Science College  
MUDDEBIHAL-586212. Dist: Vijayapur.





S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar  
Arts, Commerce & Science College,**

**MUDDEBIHAL-586212.** Dist. Vijayapur (Karnataka)

(Accredited with CGPA of 2.58 on seven point scale at 'B' Grade)

© : 08356220329 / 222175  
FAX : 08356220329 / 221121



\* email : princmgvc@gmail.com \*

Ref. No. : 2057

Date 29.07.2019

**Memorandum of Understanding (MoU)  
Between  
Department of chemistry  
M.G.V.C Arts, Commerce and Science college, Muddebihal  
and  
Balaji Sugars and Chemicals Pvt. Ltd. , Yaragal**

The MoU is intended to recognize the general basis for a co-operative and a collaborative working relationship between the industry and the educational institution. The purpose of MoU is to have mutual intentions to jointly work with faculty of good industrial experience and promoting students jointly agree to exchange their expertise for mutual benefit and growth on the following activities .

- Industrial visit
- Certificate Course
- In-Plant training
- Mini Projects
- Guest Lectures
- Other activities as mutually agreed

The memorandum of understating is made on the 29<sup>th</sup> July 2019. The term of this MoU shall be valid for 5 years from the date of signing and can be extended based on mutual consent .

For. Shri Balaji Sugars & Chemicals Pvt.Ltd.

Assistant Vice President.

Shrinivas.N.A.  
Operation Head

SHRI BALAJI SUGARS & CHEMICALS (P) LTD  
Yaragal Village, Tq.Muddebihal 586212  
Dist - BIJAPUR (Karnataka)

PRINCIPAL,

M.G.V.C. Arts, Comm. & Science College  
MUDDEBIHAL - 586212.

Head, Dept. of Chemistry,  
M.G.V.C. Arts, Com. & Science College,  
MUDDEBIHAL - 586212.





# SHRI BALAJI SUGARS & CHEMICALS PVT. LTD.,

Ref. No. 120

Date : 29/07/19

## Memorandum of Understanding (MoU)

Between

Balaji Sugars and Chemicals Pvt. Ltd. , Yaragal

and

Department of chemistry

M.G.V.C Arts, Commerce and Science college, Muddebihal



The MoU is intended to recognize the general basis for a co-operative and a collaborative working relationship between the industry and the educational institution the purpose of MoU is to have mutual intentions to jointly work with faculty of good industrial experience and promotions students jointly agree to exchange this expertise for mutual benefit and growth on the following activities.

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For. Shri Balaji Sugars &amp; Chemicals Pvt.Ltd.

Assistant Vice President.

Shrinivas.N.A.

Operation Head

SHRI BALAJI SUGARS &amp; CHEMICALS (P) LTD

Yaragal Village, Tq.Muddebihal 586212

Dist - BIJAPUR (Karnataka)

PRINCIPAL,  
M.G.V.C. Arts, Com. & Science College  
MUDDEBIHAL - 586212.Head, Dept. of Chemistry,  
M.G.V.C. Arts, Com. & Science College  
MUDDEBIHAL - 586212.





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Ref. No. : .....

Date : .....

## **NOTICE**

**Date: 19-07-2024**

All the Chemistry (DSC) students and faculty members are hereby informed to attend the MoU activity, Guest lecture programme on "NEP Curriculum Project work on Sugar Industries" for B.Sc. VI Semester students organized by IQAC, the Department of Chemistry and Balaji Sugars and Chemicals Pvt. Ltd. Yaragal, on 26-07-2024 at 10:30 A.M. in Lecture Hall No: 14.

  
Head, Dept. of Chemistry,  
M.G.V.C. Arts, Com. & Science College  
MUDDEBIHAL - 586212.





S.G.V.C Vidya Prasarak Trust's

**M.G.V.C Arts, Commerce  
and Science College,  
Muddebihal**




**Department of Chemistry**

**INDUSTRY-ACADEMIA INNOVATIVE PRACTICES**

**GUEST LECTURE PROGRAMME  
(MoU Activity 2023-24)  
ON**

**"NEP CURRICULUM  
PROJECT WORK ON SUGAR  
INDUSTRIES"**

**(B.Sc. VI Semester students)**

  
*Head, Dept. of Chemistry,*  
**M.G.V.C. Arts, Com. & Science College,**  
**MUDDEBIHAL - 586212.**





**S.G.V.C Vidya Prasarak Trust's**  
**M.G.V.C Arts, Commerce and Science College, Muddebihal**  
**Department of Chemistry**



**INDUSTRY-ACADEMIA INNOVATIVE PRACTICES**

**GUEST LECTURE PROGRAMME**  
**(MoU Activity 2023-24)**

**ON**

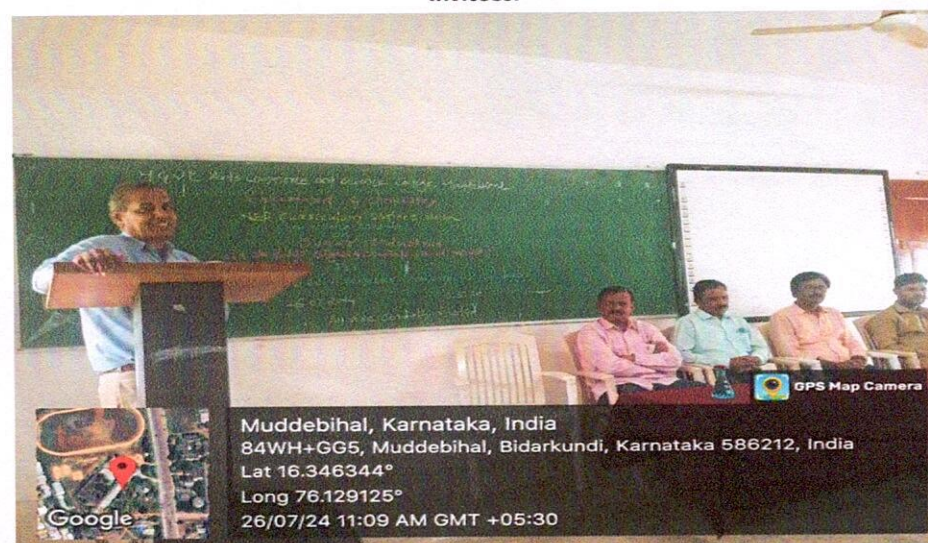
**"NEP CURRICULUM PROJECT WORK ON**  
**SUGAR INDUSTRIES"**

**(B.Sc. VI Semester students)**

**Prayer by Miss Priyanka Hosamani B.Sc. VI Semester Student**



**Prof C S Katageri Head Department of Chemistry Welcoming and introducing Guests & invitees.**



*Head, Dept. of Chemistry,*  
**M.G.V.C. Arts, Com. & Science College.**  
**MUDDEBIHAL - 586212.**





**S.G.V.C Vidya Prasarak Trust's**  
**M.G.V.C Arts, Commerce and Science College, Muddebihal**  
**Department of Chemistry**



**INDUSTRY-ACADEMIA INNOVATIVE PRACTICES**

**GUEST LECTURE PROGRAMME**  
**(MoU Activity 2023-24)**

**ON**

**"NEP CURRICULUM PROJECT WORK ON**  
**SUGAR INDUSTRIES"**

**(B.Sc. VI Semester students)**

**Miss. Priyanka Hosamani offering flower to Shri. Alfhan Raj General Manager Balaji Sugars Pvt. Ltd. Yaragal**



Muddebihal, Karnataka, India  
84WH+GG5, Muddebihal, Bidarkundi, Karnataka 586212, India  
Lat 16.345987°  
Long 76.129008°  
26/07/24 11:12 AM GMT +05:30

**Miss. Swati Sulpi offering flower to Shri. S. P. Ainapur DGM. Balaji Sugars Pvt. Ltd. Yaragal**



Muddebihal, Karnataka, India  
84WH+GG5, Muddebihal, Bidarkundi, Karnataka 586212, India  
Lat 16.34601°  
Long 76.128958°  
26/07/24 11:13 AM GMT +05:30

*Head, Dept. of Chemistry,*  
**M.G.V.C. Arts, Com. & Science College**  
**MUDDEBIHAL - 586212,**





**S.G.V.C Vidya Prasarak Trust's**  
**M.G.V.C Arts, Commerce and Science College, Muddebihal**  
**Department of Chemistry**



**INDUSTRY-ACADEMIA INNOVATIVE PRACTICES**

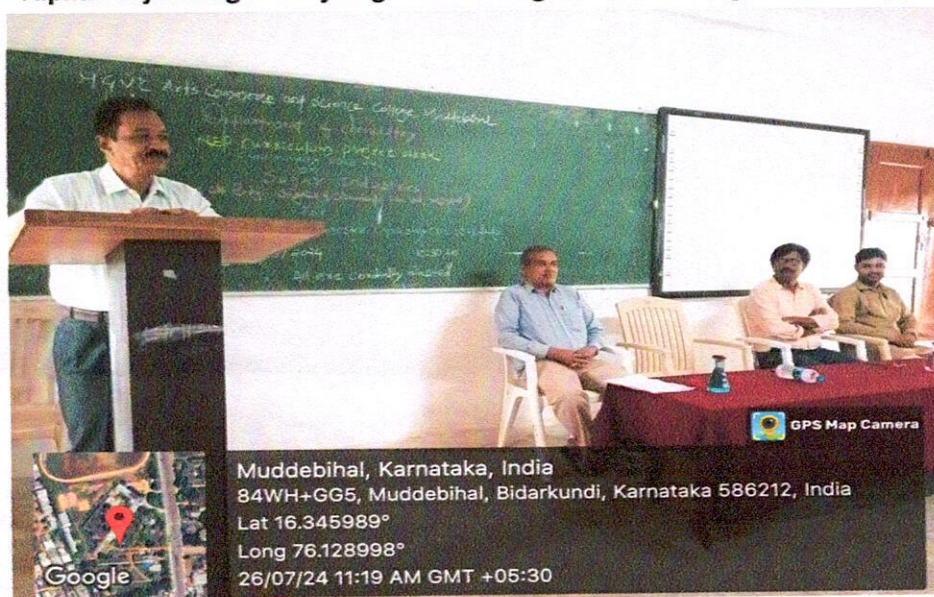
**GUEST LECTURE PROGRAMME**  
**(MoU Activity 2023-24)**

**ON**

**"NEP CURRICULUM PROJECT WORK ON**  
**SUGAR INDUSTRIES"**

**(B.Sc. VI Semester students)**

**Alphan Raj Manager Balaji Sugars delivering a lecture on Sugar Technology.**



**Shri. S. P. Ainapur Deputy General Manager addressing the program.**



*[Signature]*  
**Head, Dept. of Chemistry,**  
**M.G.V.C. Arts, Com. & Science College,**  
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**Department of Chemistry**



**INDUSTRY-ACADEMIA INNOVATIVE PRACTICES**

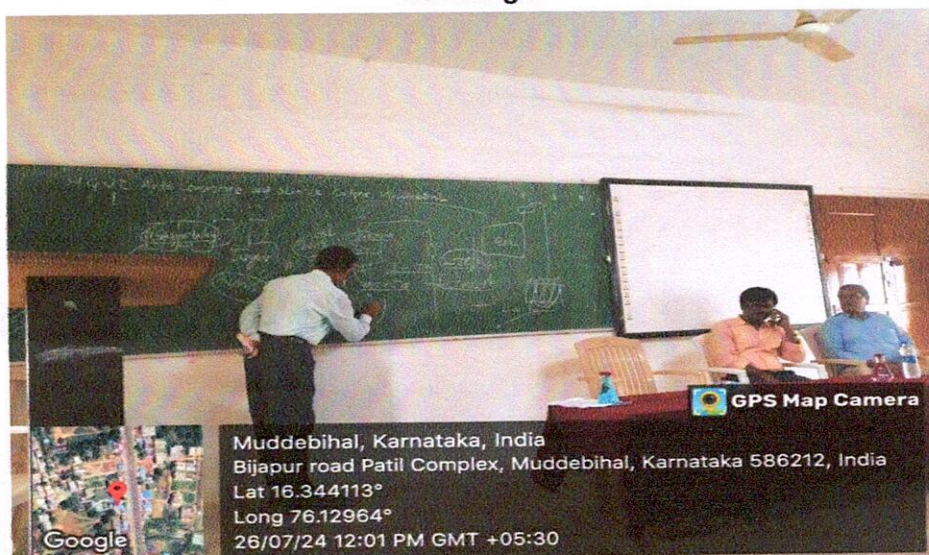
**GUEST LECTURE PROGRAMME**  
**(MoU Activity 2023-24)**

**ON**

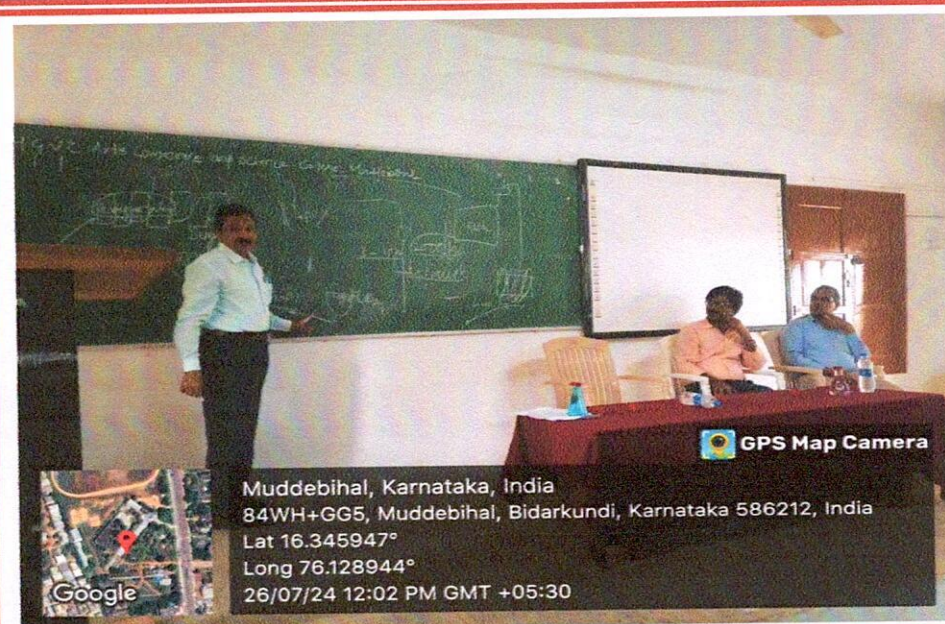
**"NEP CURRICULUM PROJECT WORK ON**  
**SUGAR INDUSTRIES"**

**(B.Sc. VI Semester students)**

**A talk on manufacture of sugar by Shri , Alphan Raj Manager Balaji Sugers Pvt.**  
**Ltd. Yaragal**



Muddebihal, Karnataka, India  
Bijapur road Patil Complex, Muddebihal, Karnataka 586212, India  
Lat 16.344113°  
Long 76.12964°  
26/07/24 12:01 PM GMT +05:30



Muddebihal, Karnataka, India  
84WH+GG5, Muddebihal, Bidarkundi, Karnataka 586212, India  
Lat 16.345947°  
Long 76.128944°  
26/07/24 12:02 PM GMT +05:30

*[Signature]*  
**Head, Dept. of Chemistry,**  
**M.G.V.C. Arts, Com. & Science College.**  
**MUDDEBIHAL - 586212,**





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**M.G.V.C Arts, Commerce and Science College, Muddebihal**  
**Department of Chemistry**



**INDUSTRY-ACADEMIA INNOVATIVE PRACTICES**

**GUEST LECTURE PROGRAMME**

**(MoU Activity 2023-24)**

**ON**

**"NEP CURRICULUM PROJECT WORK ON  
SUGAR INDUSTRIES"**

**(B.Sc. VI Semester students)**

**Felicitation of guest speakers by Principal, S N Poleshi, & faculty members.**



*S. N. Poleshi*  
**Head, Dept. of Chemistry,**  
**M.G.V.C. Arts, Com. & Science College.**  
**MUDDEBIHAL - 586212,**





**S.G.V.C Vidya Prasarak Trust's**  
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**Department of Chemistry**



**INDUSTRY-ACADEMIA INNOVATIVE PRACTICES**

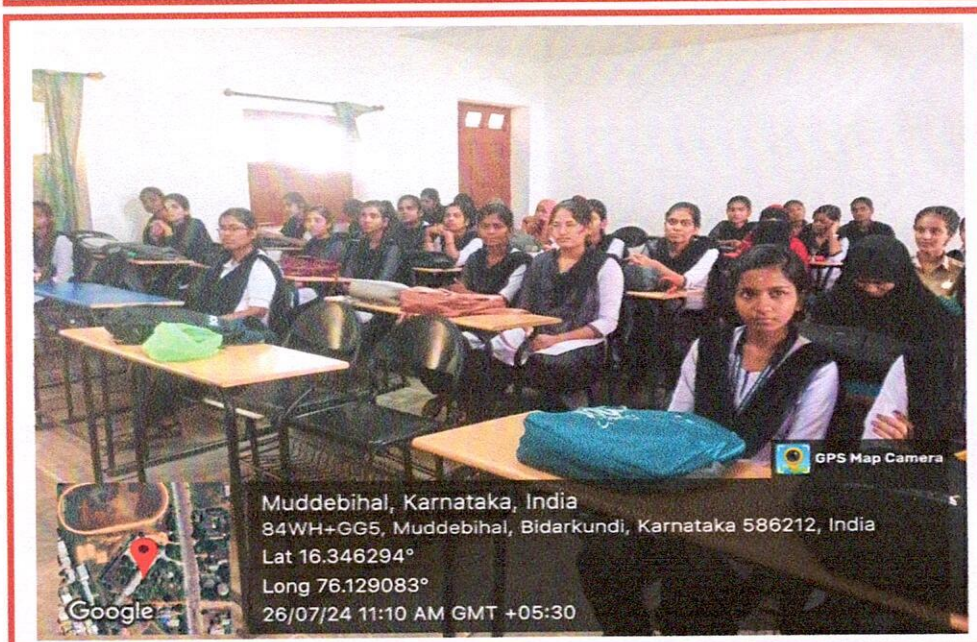
**GUEST LECTURE PROGRAMME**  
**(MoU Activity 2023-24)**

**ON**

**"NEP CURRICULUM PROJECT WORK ON**  
**SUGAR INDUSTRIES"**

**(B.Sc. VI Semester students)**

**NEP Curriculum Project work B.Sc. VI Semester Students**



*[Signature]*  
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Ref. No. : .....

Date : .....

### **REPORT OF GUEST LECTURE PROGRAMME**

#### **(Department MoU Activity 2023-24)**

Chemistry Department under MoU activities organized a guest lecture program on "NEP Curriculum Project work on Sugar Industries" for B.Sc. VI Semester Chemistry (DSC) students on 26-07-2024. The purpose of the guest lecture is to know the current trends and challenges of sugar technology in our country and also to prepare a project report with reference to Balaji Sugars and Chemicals Pvt., Ltd., Yaragal for submission at final year examination.

The guest lecture program was began with the prayer by Miss Priyanka. Hosamani., B.Sc. Final student. Prof C. S. Katageri Head, Department of Chemistry welcomed the dignitaries, students and invites, and then introduced the guests. Then a garlanding program. This was followed by the felicitation of guest speakers by Principal and faculty. The Honorable guest speaker and General Manager Shri. Alfhan Raj delivered a lecture covering growth, scope of sugar industries, present scenario and challenges of sugar industries in the country at the first session. Then Shri S P Ainapur Deputy General Manager highlighted about Balaji Sugars and Chemicals Pvt, Ltd., Yaragal, covering Establishment, Management, Sugarcane availabilities, Marketing and employment opportunities. Shri. Alfhan Raj spoke on Sugar manufacturing, by products, quality control of sugar and recent advancement in processing. He made clear all these aspects to the Project Students with a flow-Chart by chalk and talk method at the second session. Students interacted with Guest speakers. The President of the program principal, S. N. Poleshi pointed that Sugar industry is an important agro-based industry that imparts livelihood of sugar cane farmers and workers in sugar industries and called the students to organize more industrial programs and requested the factory authorities to extend their co-operation in carrying out the academic activities with the Chemistry department. Later the Guest speakers explained about project work, Report preparation etc., at the laboratory. Students were highly benefited by the MoU program. The program was concluded with vote of thanks by Shri U. A. Halyal. The project students Miss Shaheen Naikodi 11 final B.Sc. Project students and other semester Chemistry (DSC) students attended the program.

  
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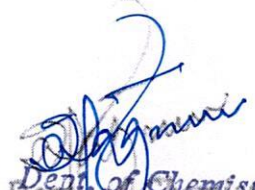
Date \_\_\_\_\_

## DEPARTMENT OF CHEMISTRY

### Notice

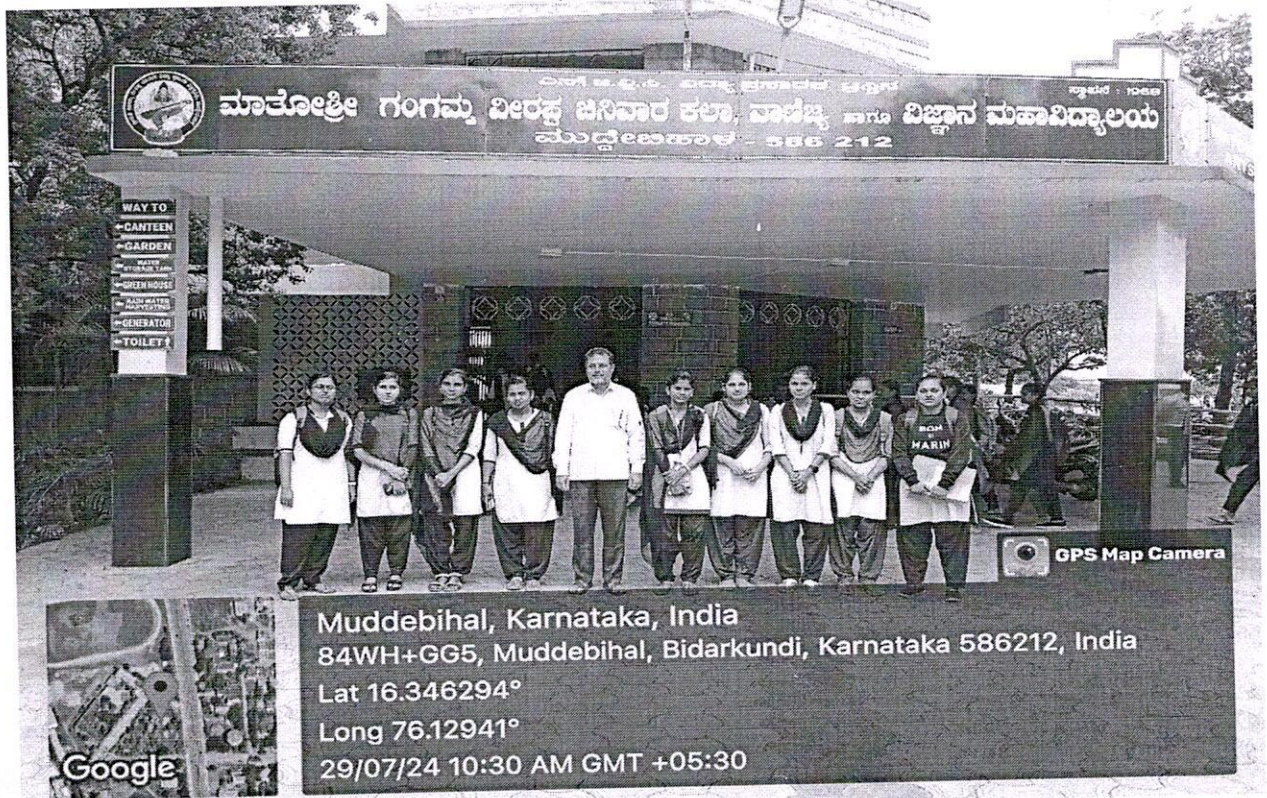
Department of chemistry organized an industrial visit (MoU Activity) to Shri Balaji Sugars and Chemicals Pvt. Ltd Yaragal for B.Sc VI Semester Chemistry (DSC) Students on 29/07/2024 at 09:30 AM. All VI semester students are informed to attend the Industrial visit as it is a compulsory activity for project work.

Date: 29/07/2024

  
Head, Dept. of Chemistry,  
M.G.V.C. Arts, Com. & Science College,  
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MUDDEBIHAL - 586212.  
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SGVC VPT'S  
M.G.V.C.ARTS, COMMERCE AND SCIENCE COLLEGE MUDDEBIHAL  
DEPARTMENT OF CHEMISTRY  
INDUSTRIAL VISIT  
BALAJI SUGARS AND CHEMICALS. Pvt, Ltd, YARAGAL  
(MoU activity 2023-24)  
(29-07-2024)



Prof. A. S. Bagawan with B.Sc.- VI Semester Chemistry (DSC) students ready to Industrial visit



B.Sc.- VI Semester Chemistry (DSC) students with Prof. A. S. Bagawan at the Sugar factory

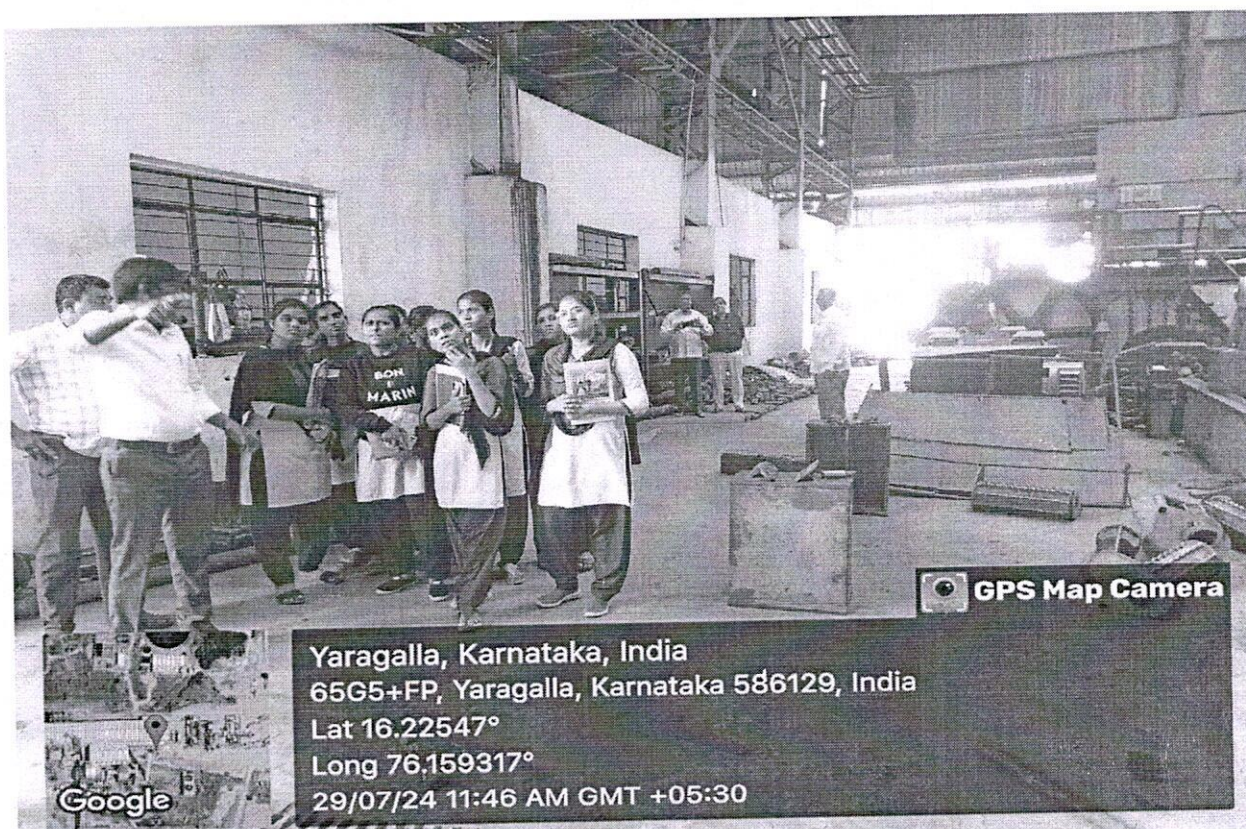
  
Head, Dept. of Chemistry,  
M.G.V.C. Arts, Com. & Science College  
MUDDEBIHAL - 586212,



**INDUSTRIAL VISIT**  
**BALAJI SUGARS AND CHEMICALS. Pvt, Ltd, YARAGAL**  
**( MoU activity 2023-24)**  
**(29-07-2024)**



Students watching the weighing and unloading sugarcane place at Balaji Sugar factory

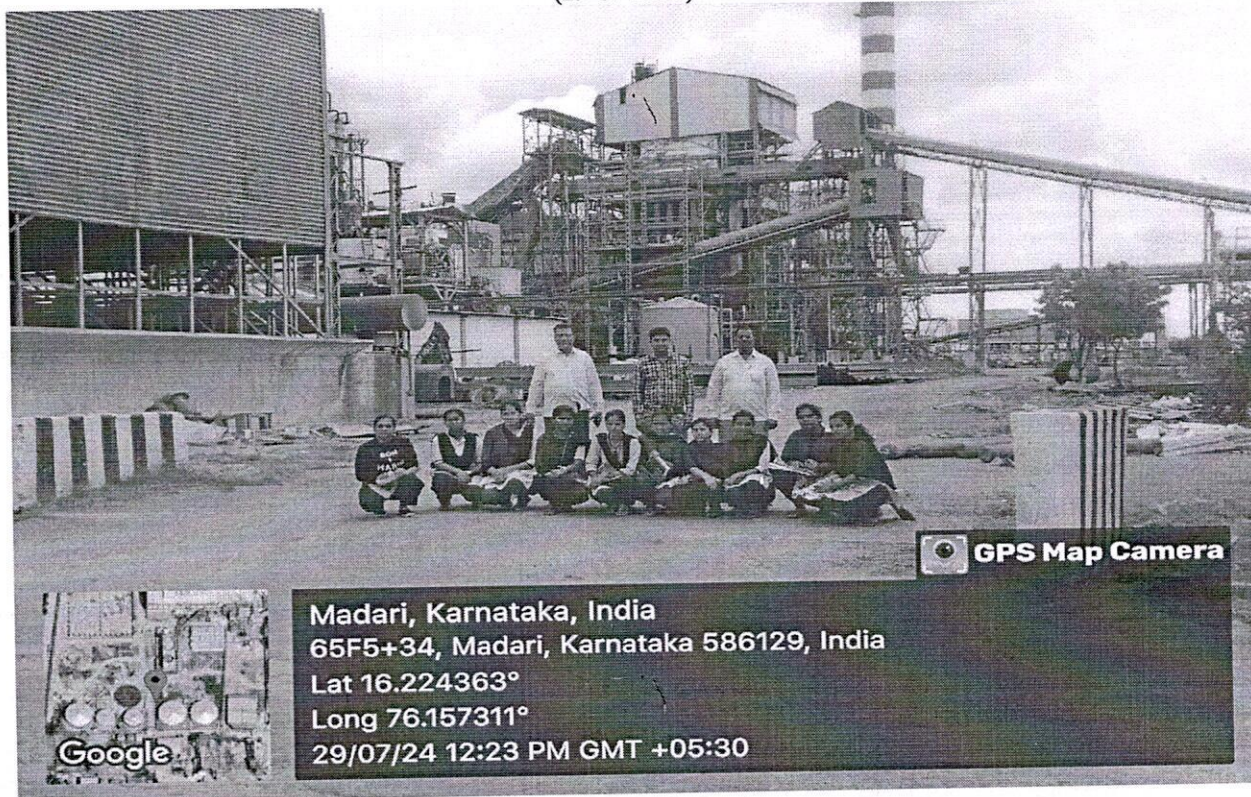


Shri. S. P. Ainapur DMG briefing about Balaji Sugar factory.

*[Signature]*  
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**MUDDEBHAL - 586212,**



**INDUSTRIAL VISIT**  
**BALAJI SUGARS AND CHEMICALS. Pvt, Ltd, YARAGAL**  
( MoU activity 2023-24)  
(29-07-2024)



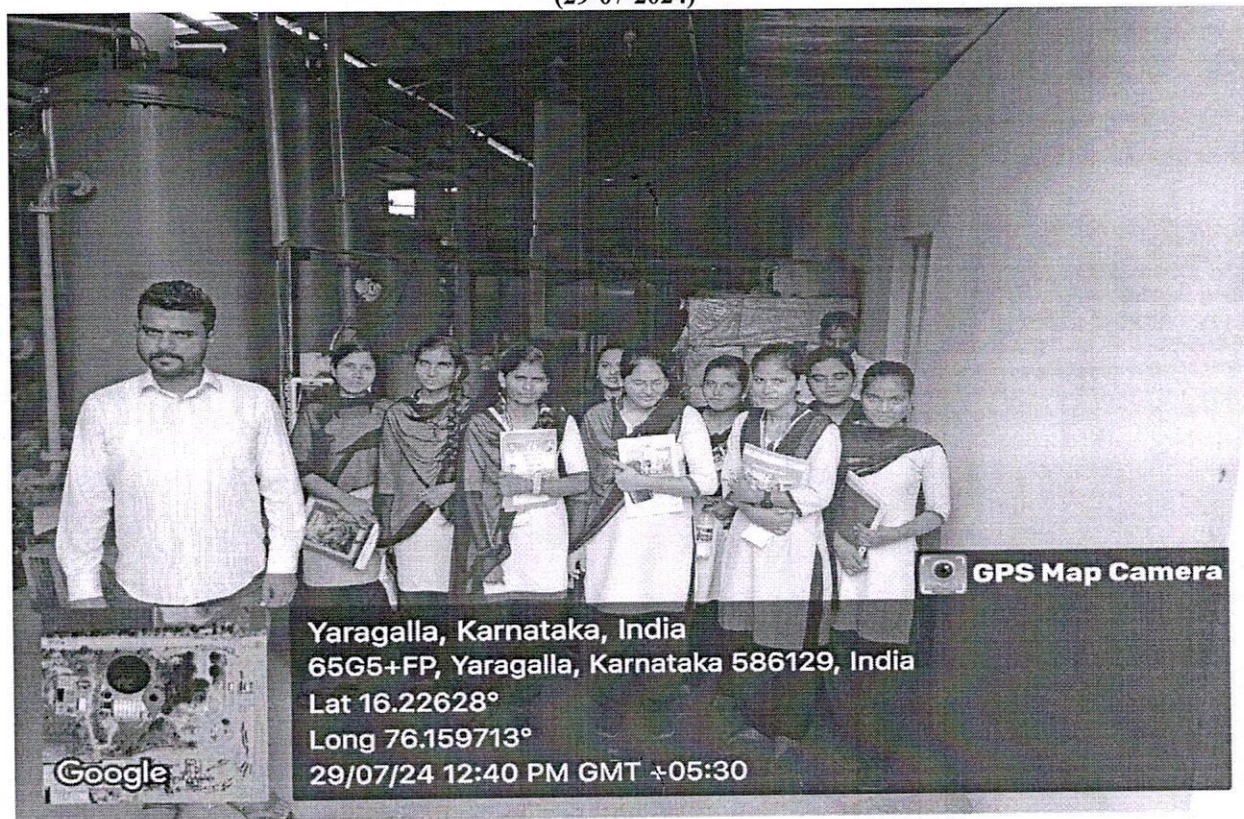
Students and faculty at the Ethanol plant, Balaji Sugars.



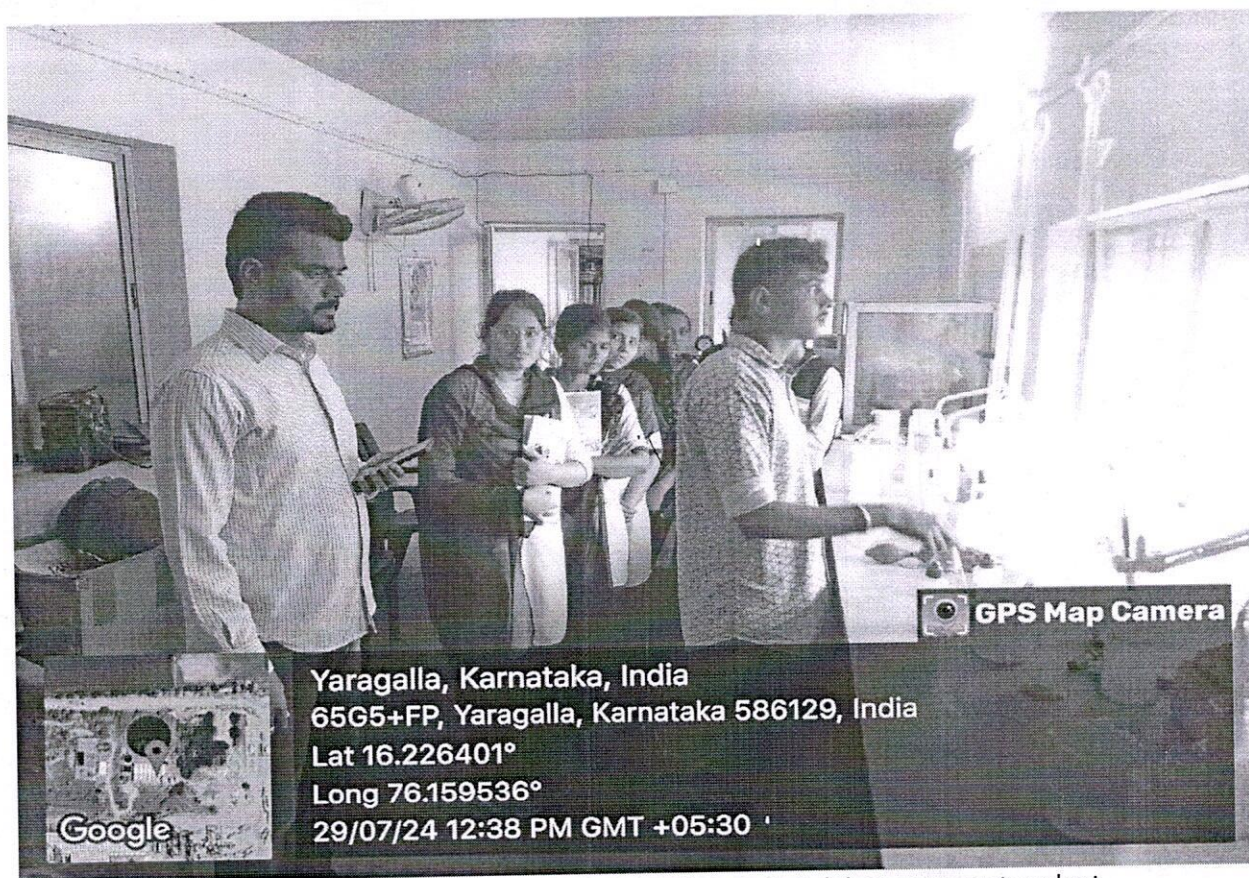
*[Signature]*  
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M.G.V.C. Arts, Com. & Science College,  
MUDDEBHAL - 586212.



**INDUSTRIAL VISIT**  
**BALAJI SUGARS AND CHEMICALS. Pvt, Ltd, YARAGAL**  
( MoU activity 2023-24)  
(29-07-2024)



Students and faculty with Shri. Santosh Chippalakatti Manager WTP., at water plant.



Project students with Manager WTP., at water analysis laboratory, water plant.

*[Signature]*  
**Head, Dept. of Chemistry,**  
**M.G.V.C. Arts, Com. & Science Coll,**  
**MUDEBIAL - 586212,**



INDUSTRIAL VISIT  
BALAJI SUGARS AND CHEMICALS. Pvt, Ltd, YARAGAL  
( MoU activity 2023-24)  
(29-07-2024)



Students and faculty at Krishna River and Neelambikadevi Temple Near Tangadagi



Project students enjoying the sightseeing of Krishna River and Neelambikadevi Temple.

*[Signature]*  
Head, Dept. of Chemistry,  
M.G.V.C. Arts, Com. & Science College  
MUDDEBHAL - 586212.



# REPORT OF INDUSTRIAL VISIT

(MoU Activity 2023-24)

Visit to the industry is an important and effective method of learning through participation. As a part of curriculum and also as an activity of our department MoU, The Chemistry department organized an industrial visit to Balaji Sugars and Chemicals Pvt., Ltd., Yaragal on 29-07-2024 for B.Sc- VI Semester Chemistry (DSC) students., The purpose of this time industrial visit is to visit sugar industry and to prepare project report on Balaji Sugars. To be assessed at the university final examination.

With the prior permission of principal and telephonic message, Manager Balaji Sugar Factory, the team of 11 Students and 03 faculty members started journey from the college campus at 10:30 am. The team reached the sugar factory around 11.00 am. At the very beginning of the visit, the team met Shri. S. P. Ainapur (DGM) in the premises of the factory. The Manager interacted with students and faculty and then took a factory rounds and explain in detail about insights of the factory, manufacturing process, different machines and packing of sugar etc. The students watched the machines and different plants. The factory was well equipped with the advance and new technology. The Manager discussed the availability of raw materials, crushing and manufacture of sugar and environmental issues of factory with the students. Then students visited ethanol plant, water plant, water effluent plant and laboratories. At the water plant students interacted with Shri. Santosh Chippalakatti. Manager WTP. At the laboratories of water plant the Manager discussed physico- chemical parameters of water and their determination. After this the students and faculty met Honorable Managing Director. Students congratulated the MD., and authorities of factory for giving the visit opportunity. The visit was very informative and students were highly benefited for their project work. The team finished the visit at 2.00 pm. By proposing vote of thanks to all who helped during the visit. The team left the sugar factory and travelled for sightseeing of Krishna River and Neelambikadevi Temple near Tangadagi Village. All students and faculty enjoyed the sightseeing and all had their lunch. After some time the team left the Temple and travelled to Muddebihal and reached the college at 4:00 pm.

With this activity students come out with a practical knowledge of sugar production, marketing, human resources, industry opportunities. Pollution control measures all which help for their project report preparation.

  
Head, Dept. of Chemistry,  
M.G.V.C. Arts, Com. & Science College,  
MUDDEBIHAL - 586212.





सत्यमेव जयते

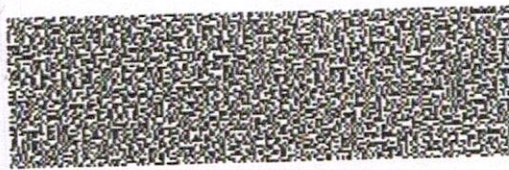
## INDIA NON JUDICIAL

### Government of Karnataka

#### e-Stamp

<b>Certificate No.</b>	: IN-KA17077714515516V
<b>Certificate Issued Date</b>	: 18-Mar-2023 01:35 PM
<b>Account Reference</b>	: NONACC (FI)/ kaksfcl08/ MUDDEBIHAL/ KA-BJ
<b>Unique Doc. Reference</b>	: SUBIN-KAKAKSFCL0820264378886484V
<b>Purchased by</b>	: PRINCIPAL MGVC ARTS COM SC CL MUDDEBIHAL HOD PHYSI
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<b>Description</b>	: BOND
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<b>First Party</b>	: PRINCIPAL MGVC ARTS COM SC CL MUDDEBIHAL HOD PHYSI
<b>Second Party</b>	: SSPO GFG COLLEGE MUDDEBIHAL HOD PHYSI
<b>Stamp Duty Paid By</b>	: PRINCIPAL MGVC ARTS COM SC CL MUDDEBIHAL HOD PHYSI
<b>Stamp Duty Amount(Rs.)</b>	: 20 (Twenty only)

**Authorised Signatory,**  
**Sr. Siddhesiri Sowhardha Sahakar**  
**Nhyamita Branch: Muddebihal.**



Please write or type below this line

### MEMORANDUM OF UNDERSTANDING (MOU)

This memorandum of understanding is made on **20-03-2023** for the Period of five years from this date.

BETWEEN

2...

#### Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at [www.stampsonline.gov.in](http://www.stampsonline.gov.in) or through the Stamp Mobile App of Stock Holding.
2. Any discrepancy in the details on this Certificate and as available on the website / Stamp App, must be reported.
3. The onus of checking the legitimacy is on the issuer of the certificate.
4. In case of any discrepancy please inform the Competent Authority.



The Principal MGVC Arts, Commerce and Science College, Muddebihal represented by Head, Department of Physics here in called as the **FIRST PARTY** have agreed upon as mentioned follow.

AND

The Principal SSPO GFG College, Muddebihal represented by Head, Department of Physics here in called as the **SECOND PARTY** have agreed upon as mentioned follow.



- 1) The allow faculty and Student of the student of the **FIRST PARTY** to visit the institution with prior Permission of **SECOND PARTY**.
- 2) To expose the Teachers and Student of **FIRST PARTY** in academic activities and sharing of the facilities of **SECOND PARTY**.
- 3) Service Provided by **SECOND PARTY** such as resource of the Department Consultancy, Guidance and Experties to **FIRST PARTY** will be at no cost.

**FIRST PARTY**

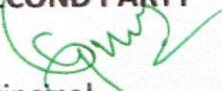
  
**PRINCIPAL,**

M.G.V.C. Arts, Commerce & Science College  
MUDDEBIHAL-586212. Dist: Vijayapur.



Witness

- 1)   
(S.M. Nimbalagundi)
- 2)   
(A.S. Bagawan)

**SECOND PARTY**

  
Principal  
**PRINCIPAL,**  
Shah S. P. Oswal  
Govt. First Grade College  
Muddebihal-586212.

Witness

- 1)   
(M.A. V. V. V. V. V.)
- 2)   
(M.B. Yalwar)





S.G.V.C Vidya Prasarak Trust's



## M.G.V.C Arts, Commerce and Science College, Muddebihal

### Department of Physics

ORGANISED  
SPECIAL GUEST LECTURE (MOU)  
ON

**"NUCLEAR RADIATION, DETECTION TECHNIQUES  
AND APPLICATIONS"**



Date: 30-07-2024

Time: 10.30am

PRINCIPAL,  
M.G.V.C. Arts, Commerce & Science College  
MUDDEBIHAL-586212. Dist: Vijayapur.





S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar  
Arts, Commerce & Science College,**

**MUDDEBIHAL-586212.** Dist. Vijayapur (Karnataka)

(Accredited with CGPA of 3.31 on seven point scale at 'A+' Grade)

☎ : 08356220329

FAX : 08356220329

\* email : [princmgvc@gmail.com](mailto:princmgvc@gmail.com) \* [www.mgvcmbl.in](http://www.mgvcmbl.in) \*

Ref. No. : .....

Date : .....

## **NOTICE**

Department of Physics organized Special Guest Lecture topic is  
"NUCLEAR RADIATION, DETECTION TECHNIQUES AND APPLICATIONS"  
by Megharaj B. Naik Government first grade college Muddebihal on  
30.07.2024 at 10.30.am in Conference Hall. Hence all the teaching,  
non teaching staff members and students are here by informed to  
attend the function.

  
PRINCIPAL,

M.G.V.C. Arts, Commerce & Science College,  
MUDDEBIHAL-586212. Dist: Vijayapur.





S.G.V.C Vidya Prasarak Trust's

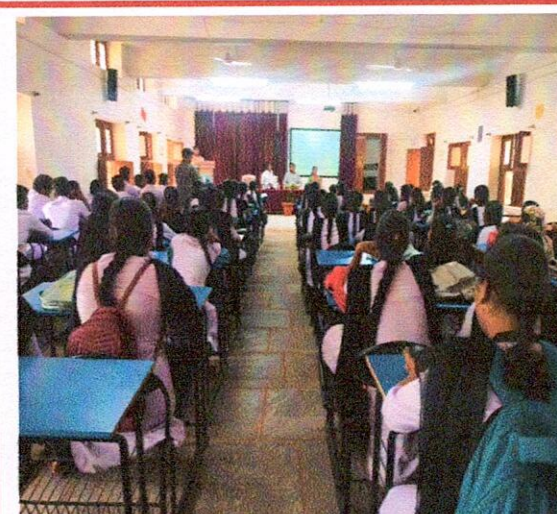
## M.G.V.C Arts, Commerce and Science College, Muddebihal

Department of Physics

ORGANISED  
SPECIAL GUEST LECTURE  
ON



### "NUCLEAR RADIATION, DETECTION TECHNIQUES AND APPLICATIONS"







S.G.V.C Vidya Prasarak Trust's  
**M.G.V.C Arts, Commerce and  
Science College, Muddebihal**  
**Department of Physics**



ORGANISED  
SPECIAL GUEST LECTURE  
ON

**"NUCLEAR RADIATION, DETECTION TECHNIQUES  
AND APPLICATIONS"**







S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar  
Arts, Commerce & Science College,**

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Ref. No. : .....

Date : .....

DEPARTMENT OF PHYSICS  
ORGANISED  
SPECIAL GUEST LECTURE  
ON

**"NUCLEAR RADIATION, DETECTION TECHNIQUES AND APPLICATIONS"**

**REPORT**

DEPARTMENT OF PHYSICS organized Special Guest Lecture topic is  
"NUCLEAR RADIATION, DETECTION TECHNIQUES AND APPLICATIONS" by  
Megharaj B. Naik Government first grade college Muddebihal on 30.07.2024 at  
10.30.am in Conference Hall. Prof. S.N. Poleshi, Principal presided over the  
function. Prof. M.I. Biradar, IQAC Coordinator, Prof. S.M. Nimbalegundi and all  
other teaching and non teaching staff members graced the occasion. Prof. A.I.  
Akki proposed vote of thanks.

  
**PRINCIPAL,**  
M.G.V.C. Arts, Commerce & Science College  
MUDDEBIHAL-586212. Dist: Vijayapur.





Block No. ....

Room No. ....

S. G. V. C. Vidya Prasarak Trust's,

**MATOSHRI GANGAMMA VEERAPPA CHINIWAR  
ARTS, COMMERCE & SCIENCE COLLEGE, MUDDEBIHAL.**Subject : Physics P-II

Date : .....

Time : .....

Class : B.Sc - II Sem**ATTENDANCE REPORT**

Jr. Supervisor : .....

**DEGREE SEMESTER EXAMINATION 202 - 202**

Roll No.	University Seat No.	Name of the Candidate	Signature
01.	U15NU2150		
02	U15NU2150009	Nazmin D. Beringid	N. Beringid
03.	U15NU2150044	Shivaleela B. Bhayantri	S. B. Bhayantri
04.	U15NU2150063	Akshata S. Walikar	Akshata
05.	U15NU2150089	Netravati Rathod	N. N. Rathod
06.	" 044	Mubarak Teggi	Mubarak
07.	068	Afreen Sagar	Sagar
08	U15NU2150015	Kaveri S. Lamani	Kaveri
09	U15NU2150037	Anuradha P. Mulimani	Anuradha
10	<del>Rajiyab</del> 010	Rajiyabenu Bagwan	R. B. Bagwan
11	U15NU2150033	Bhavana Ganachari	B. V. Ganachari
12	U15NU2150059	Bhagyashree G. Hadapad	B. G. Hadapad
13	U15NU2150053	Aishwarya Dodamani	Aishwarya
14	U15NU2150026	Dhneswari H. Talwar	Dhneswari
15	U15NU2150061	Pangita Patkar	R. K. Patkar
16	U15NU2150016	Sangeeta A. Talwar	Sangeeta
17	U15NU2150073	Mahammad Yusef Ghilol	Mahammad
18	U15NU2150018	Vishwanath Yalawar	Vishwanath
19	U15NU2150006	Satish M. Biradar	S. M. Biradar
20	U15NU2150048	Manjunath Keri	Manjunath
21	U15NU2150021	Aishwarya P. Kodabagi	A. P. Kodabagi
22	U15NU2150030	Chanderaj. Bhagankar	Chanderaj
23	U15NU2150011	Vinay C. Tegginamani	Vinay
24	U15NU2150076	Sanganabasappa M. Harharadda	Sanganabasappa
25	U15NU2150028	Manjunath Upanal	Manjunath
26.	U15NU2150080	Praaveen Badiya	Praaveen









Block No. ....

Room No : .....

S. G. V. C. Vidya Prasarak Trust's,

**MATOSHRI GANGAMMA VEERAPPA CHINIWAR  
ARTS, COMMERCE & SCIENCE COLLEGE, MUDEBIHAL.**Subject : Physics

Date : .....

Time : .....

Class : B.Sc - IV SEM**ATTENDANCE REPORT**

Jr. Supervisor : .....

**DEGREE SEMESTER EXAMINATION 202 - 202**

Roll No.	University Seat No.	Name of the Candidate	Signature
1	U15NU22S0008	Soumya N. Dhavalagi	Soumya
2	U15NU22S0034	yallamma. B. mulimani	Y.B. mulimani
3	U15NU22S0032	Sushmita N. Sajjan	SSE
4	U15NU22S0042	Mahalaxmi, S. Hadimani	(M. Hadi)
5	U15NU22S0009	Mallamma B Mangaloor	M B Mangaloor
6	U15NU22S0025	Sharada L. Nalatuwada	Sharada
7	U15NU22S0020	Pallavi S Sajjan	Pallavi
8	U15NU22S0041	Ambika P. Pujari	A. P. Poojari.
9	U15NU22S0002	Mallika B. Alakki	Mallika
10	U15NU22S0022	Seema. P	Seema
11	U15NU22S0053	Aishwarya G. patil	Aishwarya
12	U15NU22S0050	Laxmi A. Shivayogi	L.A.S
13	U15NU22S0056	Asharani J. choudri	Asharani
14	U15NU22S0007	Sanakausar, M. Bagawan	S.M. Bagawan.
15	U15NU22S0047	Sahana. R. Uganagol	S.R. Uganagol
16	U15NU22S0013	Padmaja D. Jahagiradhar.	Padmaja
17	U15NU22S0010	M. D. Sameer. Bagawan	S.K. Bagawan
18	U15NU22S0011	Mustaf. Begawan	M.A. Bagawan
19	U15NU22S0014	Chandamma. B. patil	Patil
20	U15NU22S0021	Subhadra. R. Dodamani	S.R.D
21	U15NU22S0015	Bhagya Shree S. Chimmalagi	Bhagya
22	U15NU22S0003	Shweta. M. Patil	Shweta
23	U15NU22S0017	Vijayalaxmi P. Alandi hal	V.P. Alandi hal
24	U15NU22S0001	Sayikumar. P. Tangadigi	S.P. Tangadagi



## **What is Nuclear Radiation??**

- Nuclear radiation refers to emission of particles (like alpha, beta, gamma & neutrons
- From the nucleus of an atom during nuclear reaction or by an unstable element.
- Spontaneous emission of such particles is termed as Radioactivity.

## **Who discovered Radioactivity??**

- Antoine Henri Becquerel
- Worked with Uranium
- Noticed Phosphorescence caused film exposure after leaving Uranium in the Sun
- Noticed same thing happen on cloudy days

## **Who coined the word Radioactivity??**

- Marrie Curie with her husband Pierre, discovered Radium & coined the term Radioactive
- First woman to win two Nobel Prizes Pierre and Marrie Curie
- Extracted two previously unknown and highly radioactive elements from pitchblende named

## **Why Are Elements Radioactive??**

Unstable nucleus:

- Has excess energy
- Wants to go to ground state
- Becomes stable by emitting ionizing radiation
- What dose ionizing or ionization mean??



## Alpha Radiation

- Consists of 2 protons & 2 neutrons, nothing but a Helium nucleus
- Electric charge +2
- Deflected by electric & magnetic field, deflection indicates they are positively charged
- They can ionize air or gas through which they pass & comparatively much higher than beta gamma radiations
- They have low penetration power compared to all other radiation
- They affect photographic plate
- They cause fluorescence when they incident on certain substances like ZnS & Barium Platinocynide

## Beta Radiation

- They are nothing but fast-moving electrons or positrons with high kinetic energy, emitted from radioactive atomic nucleus
- Electric charge is -1
- Deflected by electric & magnetic field, deflection indicates they are negatively charged
- They have comparatively 100 times less ionizing power than alpha radiation
- They have high penetration power compared to alpha radiation but less compared to gamma
- They affect photographic plate
- They cause fluorescence when they incident on certain substances like ZnS & Barium Platinocynide



## **Gamma Radiation**

- Electric charge is zero & rest mass is zero
- They are not deflected by electric or magnetic fields
- They have least ionizing power compared to alpha & beta radiation
- They have highest penetration compared to alpha & beta radiation
- They affect photographic plate
- They cause fluorescence when they are incident on certain substances like ZnS & Barium Platinocynide

## **Detection techniques of Nuclear Radiation**

- Many instruments have been developed to detect radiation
- Based on knowledge of how radiation interacts with matter Excitation Ionization Radiation
- Charged particles cause ionization directly through Columbic interactions
- EM radiation produces ion pairs in matter Photoelectric effect Compton scattering Pair production
- Neutrons produce ions through secondary mechanisms

## **Nuclear radiation detection instruments**

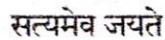
- G. M counter
- Ionisation chamber
- Proportional counter
- Scintillators
- Semiconductor detectors



## Applications

- 1) Food irradiation (to increase the life of stored food)
- 2) Fruits & vegetables irradiation (to increase the ripening period of fruits & to avoid sprouting in vegetables)
- 3) Crop improvement by mutation technique (to increase yield, disease resistance, better nutrition)
- 4) Insect pest control by sterile insect technique.
- 5) Radiotherapy - used for treating cancer A



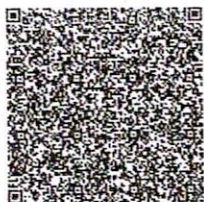


**Government of Karnataka**

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Please write or type below this line

# MEMORANDUM OF UNDERSTANDING (MOU)

This memorandum of understanding is made on 20-05-2023 for the Period of five years from this date

BETWEEN

2....

**Statutory Alert:**

- Statutory Alert:**
1. The authenticity of this Stamp certificate should be verified at '[www.shoelastamp.com](http://www.shoelastamp.com)' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
  2. The onus of checking the legitimacy is on the users of the certificate.
  3. In case of any discrepancy please inform the Competent Authority.





S.G.V.C Vidya Prasarak Trust's

**M.G.C.V Arts,  
Commerce and Science  
College, Muddebihal**



**Scouts and Guides**



**Conducted MoU on**

**Special Guest Lecture on "Leadership" (Diksha)**

**Date: 01-08-2024**

**Time: 2.00 to 3.00pm**



**Resource Person at Special Guest Lecture Programme  
Organized by M.G.V.C Arts, Commerce and Science College,  
Muddebihal**

**PRINCIPAL,**

**M.G.V.C. Arts, Commerce & Science College,  
MUDDEBIHAL-586212, Dist: Vijayapur,**





S.G.V.C Vidya Prasarak Trust's  
**M.G.V.C Arts, Commerce  
and Science College,  
Muddebihal**



**Scouts and Guides Unit and IQAC Initiative**

**Organize**  
**MOU Activity**

**Special Guest Lecture on "Leadership (Diksha)"**

**Date: 01-08-2024**

**Time: 2.00pm**

**President : Prof. S.N. Poleshi, Principal**

**Guest : Prof. Sikandar Dhannur, Principal, Sha.S.P. oswal GFGC,  
Muddebihal**  
**Prof. M.M. Laksheesh, RSL, Sha.S.P. oswal GFGC, Muddebihal**

**Presence : Dr. M.I. Biradar, IQAC Co-ordinator**

**Dr. A.A. Mulla, NAAC Co-ordinator**

**Prof. A.B. Kulkarni, Administrator, SGVCVP, Muddebihal**

**Organizer : Prof. S.S. Hugar, RSL, MGVC College, Muddebihal**

**All are Welcome**





S. G. V. C. Vidya Prasarak Trust's,

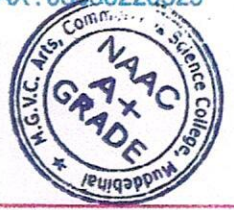
**Matoshri Gangamma Veerappa Chiniwar  
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FAX : 08356220329



\* email : princmgvc@gmail.com \* www.mgvcmbi.in \*

Ref. No. : .....

Date : .....

To,

The Principal

Sha. S.P. Oswal Government

First Grade College

Muddebihal

Sub: MoU activities for the year 2023-24 regarding

Dear Sir,

Scouts and Guides Unit of our college is interested to organize a Special Guest Lecture MoU activity this year at your college for Scouts and Guides students. Hence we are kindly requesting you to make convenient to deliver a Scouts and Guides Lecture on 01-08-2024 at 2.00pm.

Hoping for your early response

Thanking you,

**PRINCIPAL,**

M.G.V.C. Arts, Commerce & Science College  
MUDDEBIHAL-586212. Dist: Vijayapur.





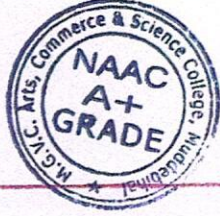
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Ref. No. : .....

Date : .....

### **NOTICE**

The Scouts and Guides Unit of M.G.V.C. College, Muddebihal organize Special Guest Lecture on "Leadership (Diksha)" on 01-08-2024 under IQAC. So all the Rovers and Rangers and students are here by informed to attend the programme. All are requested to assemble in seminar hall (Room No.15 ) at 2.00pm.

  
**PRINCIPAL,**  
M.G.V.C. Arts, Commerce & Science College -  
MUDDEBIHAL-586212. Dist: Vijayapur.





S. G. V. C. Vidya Prasarak Trust's,  
**Matoshri Gangamma Veerappa Chiniwar**  
**Arts, Commerce & Science College,**  
**MUDDEBIHAL-586212.** Dist. Vijayapur (Karnataka)

(Accredited with CGPA of 3.31 on seven point scale at 'A+' Grade)

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FAX : 08356220329



\* email : princmgvc@gmail.com \* www.mgvcmbi.in \*

Ref. No. : .....

Date : .....

## Report of MoU Activity

Scouts and Guides Unit of our college organized under MoU the activity Guest Lecture programme on 01-08-2024 at 2.00pm. Prof. S.S. Hugar, RSL welcomed and Inaugurated the Prof. S.N. Poleshi, Principal and Prof. Sikandar Dhannur, Principal, Sha. S.P. Oswal GFGC College, Muddebihal. Prof. M.M. Lakshmeesh, Sha. S.P. Oswal GFGC College, Muddebihal he delivered a few words Lecture on Leadership (Diksha) and History of Scouts and Guides. He lighted the origin of students and guides movement and its benefits to the society and nation through Rover and Rangers. Prof. S.N. Poleshi, Principal presided over the function. The Rover and Rangers interested with Guest. The programme was more informative and it highly benefited by the students. lastly Prof. S.S. Hugar, RSL proposed vote of thanks.

RSL

  
**PRINCIPAL**  
Principal  
M.G.V.C. Arts, Commerce & Science Colleg.  
MUDDEBIHAL-586212. Dist: Vijayapur.





S.G.V.C Vidya Prasarak Trust's

# M.G.V.C Arts, Commerce and Science College, Muddebihal

Scouts and Guides Unit and IQAC Initiative

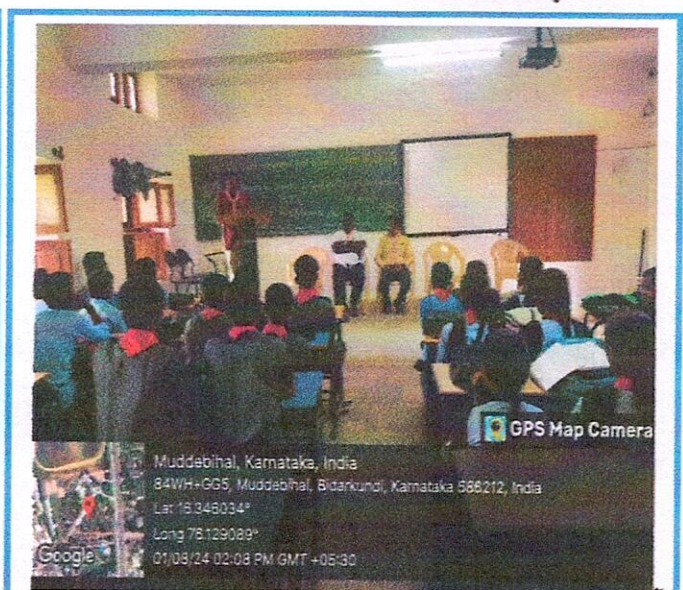


## Organize MOU Activity

### Special Guest Lecture on "Leadership (Diksha)"

Date: 01-08-2024

Time: 2.00pm







Block No. ....

Room No : .....

S. G. V. C. Vidya Prasarak Trust's,

# **MATOSHRI GANGAMMA VEERAPPA CHINIWAR ARTS, COMMERCE & SCIENCE COLLEGE, MUDDEBIHAL.**

Subject : MOUDate : 1-8-2024

Time : .....

Class : SCIENCE & GUY

## **ATTENDANCE REPORT**

Jr. Supervisor : .....

DEGREE

SEMESTER EXAMINATION 2023 - 2024

Roll No.	University Seat No.	Name of the Candidate	Signature
1		Vidyashree P. Kubakaddi	<u>Kubakaddi</u>
2		Kavana G. Kiranagi	<u>K.K.K</u>
3		Shanta J. Kannur	<u>S</u>
4		Tasleema B. Cholahagidda	<u>Tasleema</u>
5		Swati K. Hebbal	<u>Swati</u>
6		Gurubayi B. Bidadar	<u>Gurubayi</u>
7		Savitsri H. Hugar	<u>S</u>
8		Lakkamma Hanganggi	<u>Lakkamma</u>
9		Yallavva Roded	<u>Yallavva</u>
10		Bhagya H. H. H. H.	<u>Bhagya</u>
11		Makumbi N. Naykodi	<u>Makumbi</u>
12		Aishwarya Madan	<u>Aishwarya</u>
13		Mantamma Udedgaddi	<u>Mantamma</u>
14		Bhagyashree Itagi	<u>Bhagyashree</u>
15		Aishwarya S. Honakeri	<u>Aishwarya</u>
16		Mangala D. Madan	<u>M.D. Madan</u>
17		Raju B. Madan	<u>Raju</u>
18		Mahmadhaneef Teeth	<u>Mahmadhaneef</u>
19		Toufidi Chappargund	<u>Toufidi</u>
20		Uddappa Uddappa	<u>Uddappa</u>
21		Uddappa Uddappa	<u>Uddappa</u>
22		Vinaya K. P. Revogipkay	<u>Vinaya</u>
23		Shreejaya G. Badiger	<u>Shreejaya</u>
24		Anil R. Channabasav	<u>Anil</u>
25		Basappa H. H. H. H.	<u>Basappa</u>
26		Sankash Jagagiti	<u>Sankash</u>



