S.P.V.V.S'S

G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE

COLLEGE, SINDGI - 586 128 (Dist: Vijayapur. Karnataka State)

Affiliated to Rani Channamma University, Belagavi Accredited at 'B' Grade (2.42 CGPA) by NAAC

E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile: 9611032604

2022-23

To The Principal GPP& VVS College Sindagi

> Subject : Permission to visit Water Purification Unit, Sindagi Ref No:As per Rani Channamma University Syllabus, Belagavi

Respected sir

We the faculty of department of Botany along with BSc I semester students kindly request you to give the permission to visit the water purification unit at Sindagi on 13/12/22 for Practical experimental demonstrations and field observations as it is made compulsory according to Rani Channamma University syllabus. Therefore, we kindly request you to give permission to visit. Hope the authority will consider and oblige.

Thanking you.

Sindagi Date: 10/12/22

Coordinator IOAC

Principal,
G.P.Porwal Arts, Comm. &
V.Salimath Sc. College

P. G. Centre, SINDAGI

Yours faithfully

S.S.Muttinpendimath

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DEPARTMENT OF BOTANY

(Jyoti Angadi)



G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE, SINDGI – 586 128 (Dist: Vijayapur. Karnataka State) Affiliated to Rani Channamma University, Belagavi Accredited at 'B' Grade (2.42 CGPA) by NAAC

l: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile : 9611032604

2022-23

Date: 11/12 /2022

Academic Year: 2021-23

To,

Head,

Department of Botany

Sub: Permission for visit water purification Unit. Ref: Your letter dated 10/12 /2022

Sir/Madam,

With reference to subject cited above I herewith permit you for visit to water purification unit for B.Sc. I semester students.

Thanking you,

Place: Sindgi

Date: 11/12 /2022

Coordinator,IQAC

HEAD Dept. of Botany G.P.P. & V.V.S. College SINDGI - 586 128

Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. DtVijayapur

Principal, G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, SINDGI-586128. CollegeCode: 5234

S.P.V.V.S'S

G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE

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E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile :

T-

To, The Chief Officer, Town Municipal Corporation Sindagi

Subject: Permission to Visit Water Purification Unit, Sindagi

Respected Sir,

We, the faculty of department of Botany along with BSc I Semester students kindly request you to give the permission to visit the water purification unit at Sindagi on 13/12/22 for Practical experimental demonstrations and field observations as it is made compulsory according to Rani Channamma University syllabus.

Therefore, we kindly request you to give the permission to visit. Hope, the authority will consider and oblige.

Sindagi

Date: 12/12/22

Coordinator IQAC

Principal, G.P.Porwal Arts, Comm. & V V.Salimath Sc. College & P. G. Centre, SINDAGI Yours Sincere

S.S.Muttinpendimath

DEPARTMENT OF BOTANY

I. P. Angadi

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LIST OF STUDENTS VISITING WATER PURIFICATION UNIT SINDGI

SL NO	REGD NO.	STUDENTS NAME	SIGN
1.	S0003	PALLAVI KUMBARA	Pallanis
2.	50010	SANIYA SALIMAPATEL BIRADAR	00
3.	S0012	ASHWINI BASAVARAJ YATNAL	Den io
4.	S0013	SHASHIDHAR BIRADAR	Shoul 9
5.	S0014	SHIVALEELA PATIL	(Soul
6.	S0022	MALLAMMA BIRADAR	Waylow
7.	S0023	AJAYAKUMAR HOSAMANI	(Away)
8.	50024	MD SADIQ SHAIKH	-mo
9.	S0026	LAKSHMI	Lakelmi:
10.	S0029	DANAMMA S HARNAL	Queumer
11.	S0035	MAHESHWARI S MATHAPATI	Moland
12.	S0042	MALLIKARIUN	mallike
13.	S0047	BAPUGOUDA	Banko
14.	S0055	AKSHATA	(Adminta
15.	S0057	SAMEENA NADAF	Samuena
16.	S0060	PRAMOD PATIL	Romer
17.	S0061	MAHANTESH JERATAGI	mahulest
18.	S0065	NIDANOUSHEEN NADAF	Wasp
19.	S0066	TAMKEEN ABDULRAJAK YALAGI	Tamkeen
20.	S0069	VINOD P CHALAVADI	Vinod
21.	S0070	SACHITH S K	3achinia
22.	S0074	RUTIKA RAMESH PANDIT	Putil.
23.	50075	PUSHPALATA M D	Rechad
24.	S0078	SAVITRI.SHIVAPPA .DHANNUR	Beri
25.	S0079	ALMAS J ANGADI	Alman

26.	S0080	SOYAL RAJAK BALAGANUR	1 (Course
27.	\$0083	MAHANTESH M CHIGARI	makes
28.	S0085	SUSHMA BIRADAR	Eustiner
29.	S0089	VIVEKANAND.N.MUJAVAR	Vivele
30.	S0090	NEETA N PATTANASHETTI	Mounts.
31.	S0091	ARNAZ ABDULHAMID SALODAGI	Amer.
32.	S0092	BASAVARAJ MIRAGI	n
33.	S0094	APOORVA R KAMBALE	Barno a II
34.	S0099	AKSHTA PARASHETTI	Ausola
35.	50103	MALINGRAYA.S,YARAGAL	molline.
36.	50104	VIKAS.GADDAD	Vikay
37.	S0106	RAXITA M JOGUR	Roxulal
38.	S0107	AFREEN BEGUM	Alexala
39.	S0110	RADHIKA.RAMESH.PANDIT	Perelli kei
40.	S0112	ARUN SHRISHAIL NAIKODI	TA
41.	S0113	KAVERI,CHOUDRI	kanent
42.	S0114	ABDUL QADIR JELANI	(Lovey)

HEAD Dept. of Botany G.P.P. & V.V.S. College SINDGI - 586 128

Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Sallmath
Science College, SINDGI-S86128. DtVijayapur

Principal, G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College. SINDGI-586128, College Code:52 COLLEGE ROLL NO: 120

S.P.V.V.S

G.P.PORAWAL ARTS COMMERCE & V.V.SALIMATH SCEINCE COLLEGE SINDAGI - 586128 DIST - VIJAYAPUR







This is Clarify that Kumari Rutika Pandit semester Satisfactorily Completed the course of Water Purification Unit report work in Botany, as laid in the regulation of Rani Channamma University Belagavi.

STAFF MEMBER INCHARGE

G.P.P. & V.V.S. College

SINDGI - 586 128

Principal,

S.P.V.V.S

G.P.PORAWAL ARTS COMMERCE & V.V.SALIMATH SCEINCE COLLEGE SINDAGI - 586128 DIST - VIJAYAPUR



RANI CHANNAMMA



UNIVERSITY, BELAGAVI



PROJECT REPORT

DEPARTMENT: BOTANY - 2022-23

DATE: 19-12-2022

NAME

: RUTIKA PANDIT

SUBJECT

: BOTANY-1

TITLE OF THE PROJECT: WATER PURIFICATION

CLASS

: BSC 1ST SEM

REGISTER NO

: U15NB22S074

ROLL NO

. 72

DEPARTMENT OF BOTANY

POND WATER PURIFICATION

<u>Title</u>: One Day field visit to pond water purification Vidya nagar Sindagi. 13-12-2022

Introduction:-

Objectives: To aware all the botany Students about pond water purification practical knowledge.

Main Content: - As a part of Botany Curriculum And Department activity was department arranged one day study pond water purification in Vidya Nagar Sindagi. Tq Sindagi Dist -Vjayapur we and our teachers Shailaja and Jyoti Medam are selected this spot for our study of practical knowledge. The water utilized for drinking as well as irriagation A.J.R Natikar Junior Engineering And Ajad Malad are Explain in the pond water purification method.

The Student Of B.sc 1st Sem were activity participated in the Study tour all the students were taken the advantage of this curriculum based study tour all the students observed in the pond water purification method.



Municipal Water Treatment Processes

CONVENTIONAL SURFACE WATER TREATMENT

Conventional surface water treatment plants are still being used throughout the United States. They typically consist of several steps in the treatment process. These include: (1) Collection; (2) Screening and Straining; (3) Chemical Addition; (4) Coagulation and Flocculation; (5) Sedimentation and Clarification; (6) Filtration; (7) Disinfection; (8) Storage; (9) and finally Distribution. Let's examine these steps in more detail.

Collection – The source water for a municipal surface water treatment plant is typically a local river, lake, or reservoir. There must be a method to get this water to the water treatment plant. Quite often, a series of pumps and pipelines transport the water to the treatment plant. Sometimes, as is the case of San Angelo, water from a reservoir such as Twin Buttes can be transported to the water treatment plantvia a river. Twin Buttes Reservoir is one of the water sources for San Angelo. The water is released into Lake Nasworthy where it is transported down the Concho River to the water treatment plant



At the water plant, large pumps are used to transfer the water up to the treatment facility. Treatment facilities are often engineered to utilize gravity water flow as much as possible to reduce pumping costs.

Many water treatment plants utilize water from more than one source. Blending groundwater with surface water is a method often used to improve the quality of the final product.

Screening and Straining – If you think about surface water sources, i.e., lakes, rivers, and reservoirs, you realize they contain varying amounts of suspended and dissolved materials. This material may include turbidity, color, taste, odor, microorganisms, fish, plants, trees, trash, etc. The material may be organic or inorganic, suspended or dissolved, inert or biologically active, and vary in size from colloidal to a tree trunk. Some of these larger items can impede equipment in the treatment process, such as a tree limb getting stuck in a water pump impeller. So the first process in conventional water treatment is to screen or strain out the larger items.

Dept. of Botany

Co-ordinator IQAC

G. P. Porwal Arts, Comm & V. V. Salimath

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SEM

HEAD Dept. of Botany G.P.P. & V.V.S. College SINDGI - 586 128

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This is often accomplished using a large metal screen, often called a bar- screen, which is placed in front of the water source intake. Large items are trapped on the screen as the water passes through it. These screens must routinely be raked or cleaned off.

Chemical Addition — Once the pre-screened source water is received into the treatment plant, chemicals are added to help make the suspended particles that are floating in the water clump together to form a heavier and larger gelatinous particle, often called floc. In this process, a chemical is added that reacts with the natural alkalinity in solution to form an insoluble precipitate. There are many different chemicals on the market that are used in this process. These chemicals are called *coagulants*. One of the most common that has been used for many years is aluminum sulfate, or alum. Some other very



popular coagulants are ferrous sulfate, ferric chloride, sodium aluminate, activated silica, and compounds called polymers that are manufactured chemicals made up of repeated small units of low molecular weight combined into molecules with very large molecular weights. These polymers are classified as cationic polymers (positively charged), anionic polymers (negatively charged), and nonionic polymers (neutrally charged). Regardless of which coagulant or combination of coagulants is used, they must be mixed very well with the water before they can form a heavier floc.

<u>Coagulation and Flocculation</u> - A rapid mix unit is usually used where the coagulant is added to the water to provide a very quick and thorough mixing. The water mixing is then slowed to allow the water to come in contact with the forming floc and allow it to increase in size.

BM



The continued mixing must be gentle to allow the floc to grow and gain weight, but fast enough to keep it in suspension until you are ready for it to settle in the clarifiers. The process of adding a chemical to cause the suspended material to "clump" into larger particles is called flocculation or coagulation. The treatment unit where coagulation and flocculation is performed is called the "flocculator".

<u>Sedimentation and Clarification</u> — Once the flocculation process is complete, the water then passes over the weir in the flocculator and travels to the center of the clarifier, or sedimentation basin. Here, the water makes its way from the center of the clarifier to the saw tooth weir at the perimeter of the unit.

As the water makes its way towards the weir, the large floc particles are allowed to settle out to the bottom of the clarifier. A rake continuously travels across the bottom of the clarifier and scrapes the settled floc to the center of the unit. Pumps are used to pull the settled "sludge" out of the clarifier and send it to a sedimentation / disposal pond. The water that passes over the weir is collected and transferred to the filters. The reason clarification occurs before filtration is so the majority of suspended material can be removed prior to filtration, which avoids overloading the filters and thus allowing much more water to be filtered before the filters must be backwashed.



Filtration – Clarified water enters the filters from the top. Gravity pulls the water down through the filters where it is collected in a drain system at the bottom of the unit. There are many different types of materials (media) used in filters. The most common being sand and gravel. Many conventional plants are now using granular activated carbon as the media of choice because it not only provides excellent mechanical filtration of particulate matter, but also removes organic compounds which can cause taste and odor problems.

<u>Disinfection</u> — Once the water has gone through the filtration process, it is about as clear and clean as it can get. However, there may still be bacteria and viruses remaining. To ensure these are destroyed, there must be a disinfection process employed. The most common disinfection process used in the United States is chlorination. Chlorine comes in many different forms including chlorine gas (most common), chlorine dioxide, hypochlorite (bleach), and others. Whichever method is used, chlorine is added to the water in an amount to ensure all microorganisms are destroyed. Water plants monitor the chlorine levels continuously and very carefully in the treated water. They must add enough chlorine to



ensure thorough disinfection of the water, but avoid adding excesses that can cause taste and odor problems when delivered to the consumer.

<u>Storage</u> – Once the disinfection process is complete, the water is stored. Storage usually takes place in an underground storage tank called a "clear well", and also in elevated storage tanks that are visible around town. There must always be an ample supply of water available in the event of emergencies. These can include power outages, fires, floods, etc.

<u>Distribution</u> – So how does the water come out of your kitchen tap? The stored water is pushed through underground pipelines all over town in what is called a "distribution system". The distribution system consists of large water pumps at the treatment plant, overhead water storage tanks, large pipelines, smaller pipelines, fire hydrants, valves, and water meters in your front yard.

Note: All of the treatment processes listed above are not necessary used at the San Angelo Water Treatment Plant. This document is meant to give a general description of processes typically used in the treatment of municipal water.

♦ ವಿದ್ಯಾರ್ಥಿ ಗಳ ಹೆಸರು ♦

• ಸಮೀನಾ, ಮಂದೇವಾಲ. (U15NB21A0071)

• ಕೋಮಲ್, ಚವ್ಹಾಣ್. (U15NB21A0155)

• ಸಂತೋಷ, ಕೆರುಟಗಿ. (U15NB21A0116)

• ಮೌನೇಶ, ಸಿಂಗ್ರಿ. (U15NB21A0064)

• ಕೃಷ್ಣ,ಸಂಗಮೇಶ. (U15NB21A0155)







G. P. PORWAL ARTS, COMMERCE and V. V. SALIMATH SCIENCE COLLEGE

SINDAGI - 586128

DEPARTMENT OF KANNADA

2022-2023

FIELDWORK REPORT



Head
Dept. of Kannada
5.P.P. Arts, Commerce & V.V.S. Science

Co-ordinator IOAC

Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128. College Coder 524

S.P.V.V.S'S

G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE

COLLEGE, SINDGI – 586 128 (Dist : Vijayapur. Karnataka State) Affiliated to Rani Channamma University, Belagavi

Accredited at 'B'+ Grade (2.77 CGPA) by NAAC

nail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile :9611032604

Date: 11/01/2023

To,

The Coordinator, IQAC,

Academic Year: 2022-23

Sub: Request for Permission to conduct Field Visit

Sir/Madam,

With reference to subject cited above I would like to bring to your kind information that; our department is going to conduct the Field Visit for B.A/ B.COM students. Kindly permit us the same for the welfare of our students.

Hoping that the authority will do the needful of oblige. Thanking you

Place; Sindagi

Date: 11/01/2023

Head of Department,

Dept. of Kannada

G.P.P. Arts, Commerce & V.V.S. Science College, SINDAGI-586126

Co-ordinator IOAC

G. P. Porwal Arts, Comm & V. V. Salimath Science College, SINDGI-586128. DtVijayapur

Principal, G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, SINDGI-586128. CollegeCode: 5294

S.P.V.V.S'S

G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE

COLLEGE, SINDGI - 586 128 (Dist : Vijayapur. Karnataka State) Affiliated to Rani Channamma University, Belagavi

Accredited at 'B'+ Grade (2.77 CGPA) by NAAC E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile:9611032604

Date: 12/01/2023

To, Head,

Department of Kannada

Academic Year: 2022-23

Sub: Permission to conduct Field Visit. Ref: Your letter dated: 11/01/2023

Sir/Madam,

With reference to subject cited above I herewith permit you the Field Visit Academy for B.A/B.COM Students.

Thanking you

Place; Sindagi

Date: 12/01/2023

Coordinator, IQAC

Dept. of Kannada

G.P.P. Arts, Commerce & V.V.S. Science College, SINDAGI-586128.

Co-ordinator IQAC G. P. Porwal Arts, Comm & V. V. Salimath

Science College, SINDGI-586128. DtVijayapur

Principal, G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, SINDGI-586128. CollegeCode:5234



ಶೈಕ್ಷಣಿಕ ವರ್ಷ -2022-23 ಕನ್ನಡ ವಿಭಾಗ ಜಾನಪದ ಸಾಹಿತ್ಯ ಜಾಗೃತ ಅಭಿಯಾನ.

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Dept. of Kannada G.P.P. Arts, Commerce & V.V.S. Science College, SINDAGI-586128.

ತಾ,ಸಿಂದಗಿ

Coordinator IOAC

Lat 17.134627

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Salotagi, Karnataka, India 42M9+VP9, near hanuman temple, Salotagi Karnataka 586217, India

Long 76.019795° 13/01/23 02:54 PM GMT +05:30

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* किक्दि विकाल्सिम् स्टिन् क्रिक्टिप्टिंग

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Head of Kannada

Coordinator IQAC
P. PORWAL ARTS, COM 8 Principal,

—: હાલા ૧૦૩૦ કેલ લોકો જાર્જીક:-

ការសំខេត្តសារ ឃារសូ មា្រសិ និក្សិនិ, មេលិក មេលិក ការសំខេត្តសារសំខ

कर्रेड्डिंग अद्भ कार्डिंग जाक कर्म्युर्डिंग केंड्रिंग कुर्या कर्

ं क्लाइ सुर क्रिक्ट :-

& છે.	क्षण्याव	कुल्चा तथुः कुल्चा भुट्टे	යුදු මායි කරු මුදු මායි කරු	
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25	10 e	<u>ตามย</u> ดูเก	கியேமாது.	
3)	10e	कार्ये विकास	dewred.	
45	10e	धमें प्रतिके	क्षस्मिन्छे .	
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् हिर विस्व क्रिक्स सहिते क्रिक्स के स्मार्किने क्रिक्स के हैं -

(किल किल कार्य कार्य कार्या किल कार्या कार्य किला कार्या स्थाप स्थाप स्थापित स्थापि - धार्म हार्म . क्रिनेस खांदि. क्लि कर्मेल धंकि . कार्याप हाजान (हमा तर्मा निर्मित्रा निर्मित्रा स्थितः क्रमेक्टिकः - छात्र प्राथक भारत क्षेत्रक प्राथक निवक्तिस्पति है निकार है है है स्वाधिक कार्षे भारत कथे कथिय कथिय है भारत है भारत कार्य भिष्ठमान क्यांच्या निर्देश कारान्त हैं। नग्राचा धरे व्याकर्तिनाते। ब्राविक स्टिस स्टिक्किका स्मार्थ स्वाकाता होते । क्यानि प्राप्ति क्याने ಭಾಗದಲ್ಲ ಕೆಲ್ಲನ ಸುಂಜಿಕ ಮುಂಟಹೆಲಡೆ. ಅಹಕ್ಕೆ ಹೊಡ - ह्या मारा क्षेत्र किंदी " ग्रामिश्र मारा യാർ ഉറുന്നുള്ളം.

स्तिरं धा०क्षत क्षां केखें केखें कि स्ट्री केखें कि स्ट्री कि स्

ការដាយនៅ គ្នាប់និ យេធារូបថា ២០៤៤ ការយៈធ្នើ:—
ការដាយល់ការ គ្នាប់និ ១០៤៤ ការយៈធ្នើ:—
២០០០ ប្រធារូបថា មើករៀ ក្នុងសិសិកា. ឯបិកា មប់ត្រូកកានកា
១០០ ការដាន់ក្នុង ឧកមេលថា ប្រការ ប្រធារូបកានកា
១០០ ការដាន់ក្នុង ឧកមេលថា ការ មារការ សិស្សា ស្តី ស្តេចក្រុក
១០០ ការជាន់ក្នុង ឧកមេលថា ១០ មារការ ស្តេចក្រុក
១០០ ការជាន់ក្នុង ឧកមេលថា ១០ មារការ សិស្សា សិស្សា ស្តេចក្រុក
១០០ សិស្សា ស្តេចការ សិស្សា សិស្សា

—: ध्यामेश्वामे हे हे वहा कार्य क्षा -

- പുള്ളെയ്യാർ. പ്രത്യായിറ്റാട്ട് വായ്ക്ക് പ്രത്യായില്ലെ പ്രത്യായി പ്രത്യായി ക്രമ്മായി കള്ള ന്നൂറ്റാളിക്ക - റണ്ടെ വേധ്യായി ന്നായ്ക്ക് വായ്ക്ക് ന്നൂറ്റാളിക്ക - റണ്ടെ വേധ്യായി ന്നായ്ക്ക് വായ്ക്ക് വായ്ക്കാര്യം - റണ്ടെ വെധ്യായി ന്നായിന്റെ വായ്ക്ക് വായ്ക്കാര്യം - റണ്ടെ വെധ്യായിറ്റെ വായ്ക്ക് വായ്ക്ക് വായ്ക്കാര്യം

: ग्रानिक किष्ठ मेरे क्येनक :-

ന്നെൾൽ ക്രൂർ മറം 3 ക്കു ഇറി ക്കാന് സുള്ളവും പുള്ളവും പുള്ളവുള്ളവും പുള്ളവും പുള്ളവു

_: woleg gebys:-

എന്നും പ്രദ്യായ്ക്കു ക്രലേഷ്ട്ര ക്രായിലും ക്രിയ്യെക്കുന്നു. ഇത്തു താരി പാര് ഉറ്റോഷ്ട്രം. ഉത്തു താരി പാര് ഉറ്റോഷ്ട്രം. ഉറ്റ് ക്രായിലും എന്റ് കാര്യിലും പാര്യായിലും പാര്യായിലും

<u> विश्वराक्ष वास्कृत्य</u> अलख्य हः —

मिल्निक्षिक के के लिए के कान्य के कार्य के कार के कार्य के कार्य

ക്യുള്ള ക്യായ്യാ ക്യായ്യാ ക്യായ്യാ പ്രത്യായ്യാ ക്യായ്യാ പ്രവേശ്യാ പ്രവേശ്യാ

ं विक्राय हिन्द्र कार्य हैं।

611 1 र्रंट कळीला अकट 12) अरहार ते.

-: (BAB wong folowing Allewy:-

ചെ. ഇവുന്ന പ്രത്യായി പ്രത്യായി പ്രത്യായി വിരുത്ത് ഇട്ടും പ്രത്യായി പ്രത്യായ

क्षित्र कार्यात्रक्ष क्षित्र कार्यात्रक्ष कार्यात्रक क्षित्रक्ष कार्यात्रक क्षित्रक कार्यात्रक कार

— EBAJE AJOhe EDA OBSE DE WOOD FILO PESSON -

1)) हिन्ह ७०००३० (किक्ट्रां मर्ट. हार्टील्य में

2)) धक्षं. काण्यमं. क्षिष्टिश्च मार्चाध्यमं,

- ബയിറോപ് ചുറുന്നു അതും തുരുട് നുവ് -

இடி இன்றையில் இரு விருவியில் இருவியில் இருவியியில் இருவியில் இருவ





Head Dept. of Kannada

G. P. PORWAL ARTS, COM G. P. Porwal Arts, Comm. &

- बार्डिस: — वार्डिस: — वार्डिस: — वार्डिस: — वार्डिस: —

ഇറ എത്തുന്നുള്ള ഇട്ടർ എപ്പിളുപ്പു ഇറപ്പർ ഇറ്റില്ലം നാരു ഉക്കാന്റ്റാം ഇന്ന്വിള്ള പ്രത്യേട്ടർ ആയുന്നുള്ള ആയുന്നുള്ള

- നാന്യാച്ച് കുള്ള കുരുത്തും പുള്ള വായുട്ടു. ഒല്ല ഇതു കുരുത്യം പുള്ളളുന്ന് വായുട്ടു. ഒല്ല കുരുത്തും കുരുത്തു കുരുത്തും പുള്ളളുന്നു. ഒല്ല കുരുത്തും കുരുത്തും കുരുത്തും പുള്ളളുന്നു. ഒല്ലുള്ള പുരുത്തും പുരുത്തും പുള്ളളുന്നു. ഒല്ലുള്ള പുരുത്തും പു

കാർം കാർൻ - ഗോക്ലാർഗ്ലർ പ്പോർപ്പിന്റെ അവ്യായുന്നു പ്രക്യേക്കായ ചിക്കുന്നു പ്രക്യായ പ്രക്യായി പ്രക്യായുന്നു പ്രക്യായി പ്രക്യായ

ः श्वाक०क्षक्व

សល់ (១០ ១៤០០០០៤ ស្លីខ្លួន សាយាល់ ១០១០ ០០០០ ស៊ីខ្លួន សមាក់នេ.

-: सकी व (८०क ५४०:-

- 1)) Swochers worm -> Agron see.
- 2)) पण्टलें हमार्ग्स क्रम क्रम क्रम क्रम
- 3)) (6 थी कथा क्या कि है
- 411 Alchewa weiseso37.

Head

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ಜಿ. ಪಿ. ಪೋರವಾಲ ಕಲಾ,ವಾಣಿಜ್ಯ, ಮತ್ತು ವ್ಹಿ.ವ್ಹಿ.ಸಾಲಿಮಠ ವಿಜ್ಞಾನ ಮಹವಿದ್ಯಾಲಯ ಸಿಂದಗಿ.-586128

ತಾ - ಸಿಂದಗಿ

ಜಿಲ್ಲೆ - ವಿಜಯಪುರ



ಶೈಕ್ಷಣಿಕ ವರ್ಷ 2022-23

💠 ಕನ್ನಡ ವಿಭಾಗ 🛠

ಜಾನಪದ ಸಾಹಿತ್ಯ ಜಾಗೃತಿ ಅಭಿಯಾನ ಸ್ಥಳ:- ಸಾಲೋಟಗಿ

ಕ್ಷೇತ್ರ ಕಾರ್ಯ ಪ್ರವಾಸ

-: ವಿಷಯ:-

ಹಂತಿ ಪದಗಳ ವಿವರಣೆ



ಮಾರ್ಗದರ್ಶಕರು

ಡಾ. ಎಸ್ ಡಾಯ್.ಭಂಡಾರಿ

ಪ್ರೊ. ಪ್ರತಿಕಾ.ಎಸ್.ತಳವಾರ

ssm

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Head

SSM

D

ಟೀಠಕೆ;—

ಈಗ್ಗಡಿ ಕ್ರಾಂಟದಲಾ ಭಾರತದೆಲ್ಲ ಕ್ರತ್ರು ಈ ದೇಶದ ಚಿನ್ನುಲ್ಲು. ಈ ತರು ಕರು ತ್ರಮ ಮತ್ತು ದುಡುಮಾಂದ ನೆಮ್ಮೆಲ್ಲರೆ ಪ್ರಾಂಕ ವರದುರವಾಗಿದ್ದಾನೆ. ಹೀಗಾಗಿ ಕೃತ ಈ ದೇಶದ ಆಲ್ತ ಅವರು ಎಲ್ಲರು ಕ್ರಿಂಡಲೇಪೆಡು.

ු වෙනිරකය වරන

ಕೈತ್ರಳ, ತ್ರಭ ಹೊಲದೆಲ್ಲ ಆಳದ ಧಾರ್ಚಿಕ್ಗಳಲ್ಲು ಶ್ರಕ ಮಾಡುವ ಹೆದ್ದೆತಿ.

දැනු අදුන් වැනි යාක්ඩා යාග්ර " ජුප් ප්ප් උපුණු ධණු අදු වාදු හඳුල් ජලයි තුන් යාග්යෙන් කිසුපිස් රිංචෙ බලා යුමුණු."

क्रिल्डा कार्डा है ---

wed है निवस्ति ಪ್ರದ್ಯಕ್ಷದ್ ಡಿಂಗ್ರಂಕು ಕೂಡಿದ್ದು ಅಂತ ಹೆಡಿದ್ದು ಹೇಳುಹ ಹಾಡುಗಳು. ಕಿಣದ ವುದ್ರೇವಲ್ಲ ನೆಟ್ಟ ಮೇಟ ಕಂಬಂದ ಡುತ್ತಲು ಅರುಕ್ಗೆಲವುದ ಪತುಕರಡ್ಡಿಳಿದಲ್ಲ ಜ್ಯಾಭದ ತೆನೆಗೆಳಿಡ್ಡು ಹೆಕ್ಕೂ ಅಂಗಂಗಿದೆ ಎತ್ತುಗಳಂದೆ ವೈವಣ್ಣಿತವಾಗ त्रिकाल कथंगिष ६००३ मानिकार. සංජ ಎಂದರ අව ධාස්දීව. සංජා ಶ್ರಾಮೆಗಳ್ಳಲ್ಟು ಶ್ರಾಮೆಪಿಪರು ಹೆಂದುಹಾರು; ಕೆಂದು ಕಡೆ ಜ್ವೀಯರು ಹಡೆದುಂದು. ಕೃತಂಗ ಚತ್ತು ಡಂಗ್ರತಿಗಳಂದರೆ ಬಳುವು ಮಾಡುಹ ಎತ್ತ್ ನೆ8್ನು .

ಕಿಟ್ರ ಕುಡಿಂಗ ಪ್ರಚಿತ್ರಕ್ಕಿಟ್ಟ ಇಂಥೆ ಜೀವೆದೆ खेन्य त्रिक्री कुन्तुः व्याप्ति हिन्तुः ಡಡುಗೆ gg ರಾಶಿಯಾಗಿ ಮಾರೆಯುತ್ತವೆ. ಮುದ್ದು ಕ್ಟುತ್ತಕ್ಕೆ , ಶ್ವದ್ದರ್ಭಗತ್ತೆ ಒಂಟ ಕ್ಟುತ್ತಕ್ಕು ಎಂದು ಎತ್ತಾಗ್ಗಳು, ಕುಂತು ಎತ್ತು ಅಡ - ಹೊಗ್ಗೆ ದರೆಗೆ ಅವೆಂಗೆ ತೈಟ್ಟೆಯಾಲ್ಲ. ಹಂಟಿ व्यक्षा है कि विश्व विकास के व ಗುಳಿಸ್ಟ್ ಒದ್ದು ಗಿಣ್ಣು ಕ್ರಿಕ್ಟ್ ಪ್ರಾಚಿಸ್ಟ್ ಕೆಡೆನಂಚಿ, ಶಿಂಗೆ ರಹಿಕ್ಟ, ಬ್ರಾಲ್ಸ್, ಹೆಸೆಕಿಟಿಕಿ ಮಾದಿಲ್ಲದೆ ಕೆಡ್ ಕೆಂಡು ಬರುತ್ತಾರೆ. ಈ ಇಡೆಹೆಳ (ಅಂಗ್ರಹಕ್ಕಾರುಕ್ ಆಡೆದಿದ್ದ ಅನೇಕೆ ಕ್ಷೆ ಆಗಳು ಹಿಕೆಟಗೊಂಡಿವೆ. ಇಆವಹ ಹುರುಹರೆಲ್ಲ ಹುದೆಸ್% ವಿಂತ್ರಾಟ್ ವ್ಯಾಡೀಕ ಮ್ಯಕ್ಕೆ ಅಕೆಗುಂದೆದೆ ಬಾಲಾತ್ರಿಕೆಯ ಮುಂಡೆಕಿಗೆ ಭೀಮೆರಾವ್, ರಾಣಿ ಚೆಚ್ರವೈಚಿ - ಇವೆಕ धिर दित्र क्रिका खिक्का खिता वर्ष.





Head

Coordinator IQAC

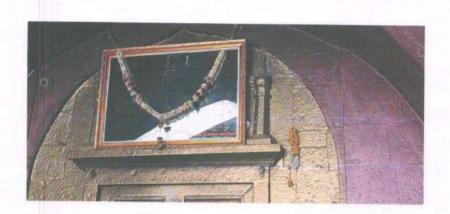
Principal,

क्वं कार्का क्वांकान्य

क्षेक्टिक व्यक्ति

ල්ප්දේශූන් ජාසාජ්පංජ්‍ය ගුපයාගේ හැයි දේප්ජේ පුණු ක්සිස් නිගයි. සිංම සහස්ථ ක්ෂාස්වා අසු නිව ජනයේ ක්ඡාව පුමුණිකුර හිත ක්ෂාස්වුරු දිහස් ජාඡ්‍ය ක්ෂාව ජුජුස් සහක්, ජනදෙස් සහක් ඉවුඟ සිසු මුරු. ಕೊಡ ಜಾಡುವ ವೆಬರ್ಕ "ಈನ ಹಿಂತ ಡೆಐಡಿ ಈಗ್ರೌರ ಗ್ರವಂತುಅ ಈ ಯಾರಿ ಬಂಟ ಜನುಮನ (ಮೆನೆಟಿಅ) ಈ ಡಿಂತ ಕೊಡಿ ನ್ನೆದೆಂಪ್ನಿ"

ಕೈಡ ಸ್ಟ್ರಾಯ ಅವೆನೆ ಆಳ್ಳದ ಆಳ್ಳಹಾಗೆ ಕ್ರೌನೆ, ಗುಟ್ಟು, ಕಟ್ಟಕ್ತ ಆಳ್ಳುತ್ರೆ, ಗೌಜನ ಮುಂಡ್ರದ ಹೆಚ್ಚಿಗೆಳು ಉಂದು ಹುಚ್ಚ ಕುಂಡು ಕಿರ್ಬ್ಬು ಪ್ರಿದಾಂಟು





Head Dept. of Kannada

Ca ardinator IOAC

Principal,

ೀ ಹೊರಂತು ಮಾರುಗರಂಬ ಬರಂತುಂತೆ ಕಿತ್ತಾಗವೆ ಭರರ ಒಡವೆಯ್ಯಾ ಬಡವರಣೆ ಅಭ್ಯಜರು ನೆರಂತಾತು ಅತ್ಯ ಜನವೆದೆಕೆ "

ಬಡಿವೇಶ್ವರ ಕ್ರಂಡು

් මාවත්ම සොපනාාන්නි සොපෙවා ප්පෙමා එල් තිබන ගින්දින්වා ' තිබන (සින්දින්වා ' තිබන (මේදින්වා '

ह्रविष्ठानुष्ट है। वर्ष

(ಗ್ರಡ ಪ್ರಣಕ್ಕೆ ಬಕಲು ಹೊಡುದಕ ಪ್ರಾದಿಕ್ಕಳ ಕಿಗುಡಿ ಕೆಲ್ರಾಣ ಮುಂಟಿತಕ ವೆಗುಟೆಂತ್ರು ನೋಡಿ ಬಂದೆಲ್ಲ ತೆಲುಪಿದೆನು."

යුතු සු මුවල්ව ද අස මුතු ද අශ්ලයා ස්තුයුතුරු දාශිල්වල්ව නිසි ස්තුලේ සිනිම් ආශ්රීවල්ව | ස්තුණීල්ව ආශ්රීවල්වල්ව

खिली कील कुर्वा

සොල්ව නිව්ධුණා නොල්වන්න් තුළ ක් කිව නිව්ධුණා හාතුල් 1 ව විටල් සෙල් සු තිබේ සෙල් සු තිබේ ප්ස්තුනික "

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ಇಷ್ಟೆ ಅಲ್ಲ ಆರು ಜೀಟರಕ್ಕೆ ಸೆಕಿಎಡೆ ಕುಂಟ, ಕೆಂಟೆ, ಮೇರ್ಲ್, ಕೀಂಗೆ, ಆರ ಕುಂಟು ಕೃತ ಹಾಡಿಪ್ತಾನೆ.

್ಣ ಗುರತ್ತೆ ಪ್ರಾಕ್ಷವಿಟ್ರ

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ವುಬಿದ್ದಾಪ್ಟ್ ತಾ

ಎಂದು ಇಡುವ ರೃತ ತಸ್ರ ಚೀವನೆದೆಲ್ಲ

ಶೈಂಗ್ರಕ್ಕೆ ಇಂಬ, ಒಡ ಹಾಡು ರಚಿಡ್ತಾನೆ.

⁽⁽ ಮಂಗ ಮುಡಲಕ ಪ್ರೊಅ

ಚೊಂಗೇವೆ ವಾರ್ಡವೆ

ಅಂಗವೆಂ ಅಕ್ಟು ಡೆಗ

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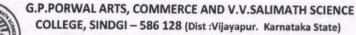
ත්වායා මේල ල්වායෝ "

Dept. of Kannada

BW

Co-ordinator IQAC

Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGL-586128 College,



Affiliated to Rani Channamma University, Belagavi Accredited at 'B'+ Grade (2.77 CGPA) by NAAC

E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile :9611032604

REPORT ON HANTIYA PADAGALU

The people of the village composed and sang songs in their own words while going about their daily chores and during their leisure time. A song that one man composed and recited, another claimed that the words or songs that emerged from the mouths of all the peoples were sung, and these were thrilling.

Thus, the folk song has maintained its identity since ancient times. A special status has been given to such a folk song. Because of these folk songs, people have introduced the importance of folk song from village to village, city to city, town to town. Thus, folk songs became familiar everywhere.

Hanti words: These are the harvest songs of Bailuseema, stories of Sharans like latigaraChoudaiya, Kinnari Bommaiya, Madara Chennaiya, MedaraKetaiya, Bija Mahadevi, BedaraKannaiya, KumbaraGundayya etc. and the songs composed by Basavanna on bulls are also sung by the Hanti Pahaduvas in Etha (egg) Kayaka. In between, he sings comedy songs, romantic songs and stories of experience. Savaligesha, the great poet of Hanti's words.

Folk arts are rich in our country so that the whole world looks at our country with amazed eyes. Already recognized folk art is hundreds and abundant. There are thousands of arts yet to be identified. This is why our young people need to worry about this. All folk arts need to be recorded. Apart from the performing arts, there is a vast amount of singing literature.

Dept. of Kannada

P.P. Arts, Commerce & V.V.S. Science 3. P. Porwal Arts, Comm & V. V. Salimath College, SINDAGI-586128. cience College, SINDGI-586128. DtVijayapur

Co-ordinator IQAC

J. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, SINDGI-586128. College Code: 5234

DEPARTMENT OF CHEMILDIKY Extension Activity For B.Sc. I Semester Year 2021-22

FOOD ADULTERATION IN DAY TO

	Participants opinion:-
}	This was very helful su understanding the differences between natural & synthetric products.
	- Deenolo.
<u>.</u>	The activity was very fune experience. The overall experience is good.
3}	knowing the Side effects of good ordustreants was really helpguer — Glangalous To Bept. of Chemistry.
	Salimath Science Conege Principal,
	G. P. PORWAL ARTS, COM & G.P. Porwal Arts, Comm. & V.V. Salimath Sc. College V. V. SALIMATH Sc. College & P. G. Centre, SINDAGI.



G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE

COLLEGE, SINDGI – 586 128 (Dist: Vijayapur. Karnataka State)

Affiliated to Rani Channamma University, Belagavi

E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile: 9611032604

DEPARTAMENT OF CHEMISTRY

Date: 15/12 /2021

Academic Year: 202 2029

To. The Coordinator,

v. v. SALIMATH Sc. C.

SINDGI-586128.

IQAC

Sub: Request for Permission to EXTENSION ACTIVITY

Sir/Madam,

With reference to subject cited above I would like to bring to your kind information that; DEPARTAMENT OF CHEMISTRY is going to Visit field work for Safety measureses taken while using festicides release for all B.Sc students, Kindly permit us the same for the welfare of our students.

> Hoping that the authority will do the needful and oblige Thanking you

Place; Sindgi

Date: 15/12/2021

....e. & G P Port al Att lence College

V V Salimica

Principal,

G. P. Porwal Arts, Comp V. V. Salimath Sc. Colle

TNDGI-586128. College Code. 545



G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE

COLLEGE, SINDGI – 586 128 (Dist: Vijayapur. Karnataka State)

Affiliated to Rani Channamma University, Belagavi

E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile: 9611032604

DEPARTAMENT OF CHEMISTRY

Date: 16/12/2021

Academic Year: 2020/2021

DEPARTAMENT OF CHEMISTRY

Sub: Permission to EXTENSION ACTIVITY

Ref: Your letter dated 15/12/2021

Sir/Madam,

With reference to subject cited above I herewith permit you to Visit field work for Safety measureses taken while using festicides release For all B.Sc students.

Thanking you

Place: Sindgi

Date: 16/12/2021

Coordinator, IQAC

COM & V. V. SALIMATH Sc. College,

SINDG - 36128.

IOAC G. P. PORWAL ARTS, COM & V. V. SALIMATH Sc. College, MDGI-586128.

Principal, G. P. Porwal Arts, Comm 8 V. V. Salimath Sc. College

SINDGI-586128. College Code: 5234



G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE

COLLEGE, SINDGI - 586 128 (Dist: Vijayapur. Karnataka State)

Affiliated to Rani Channamma University, Belagavi

E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile: 9611032604

DATE:20/12/21

DEPARTAMENT OF CHEMISTRY

NOTICE

It is hereby informed to all the BSc students Visit field work for Safety measureses taken while using festicides release at will be conducted on 05/09/2019. So kindly attend the class without fail.

> _e, & s P Porwal Arts P Jollege V Salimath Science

Coordina PORWAL ARTS, COM & v. SALIMATH Sc. College SINDGI-586128

V. V. Salimath Sc. College 7GT-586128, College Code: 5234

suggestioned of chemistry

Extension Activity For B.sc V semester year 2020-21 Date 21/12/2021

Salety measures taken while using posticidar.
The Zollowing students pastrcipated in This extension activity in many village Zarmen Zields.

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30% magest giradhas \$1928870. 11938862 31) MOSHE - S - K Jarthash - B payanand Pawar 81928832. Roja Kesswatt S1928907 Hachdad 31928812 11 Chairperson IQAC Dept. of Chomistry 3 P Porwal Arts V V Salimanh seconde Conego Principal, SINDAGI - 586 128 G.P.Porwal Arts, Comm. & V.V.Salimeth Sc. College & P. G. Centra, SINDAGI 4 8 211



G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE

COLLEGE, SINDGI - 586 128 (Dist: Vijayapur. Karnataka State)

Affiliated to Rani Channamma University, Belagavi

E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile : 9611032604

DEPARTAMENT OF CHEMISTRY

Date: 06/12 /2021

To, The Coordinator, IQAC

Academic Year: 2021-2022

Sub: Request for Permission to EXTENSION ACTIVITY

Sir/Madam,

With reference to subject cited above I would like to bring to your kind information that; DEPARTAMENT OF CHEMISTRY is going to Visit field work for Awereness about food adultration for all B.Sc 1st sem students, Kindly permit us the same for the welfare of our students.

> Hoping that the authority will do the needful and oblige Thanking you

Place; Sindgi Date: 06/12/2021

Dept. of Chemistry P Porwal Arts Salimath Science Conege SINDAGY - ERE 129

Principal,

G. P. Porwal Arts, Comm & V. V. Salimath Sc. College SINDGI-586128. College Code: 522

V. V. SALIMATH Sc. Colley SINDGI-586128



G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE

COLLEGE, SINDGI - 586 128 (Dist: Vijayapur. Karnataka State)

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E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile : 9611032604

DEPARTAMENT OF CHEMISTRY

Date: 08/12/2021

To,
DEPARTAMENT OF CHEMISTRY

Academic Year: 2021/2022

Sub: Permission to EXTENSION ACTIVITY Ref: Your letter dated 06/12/2021

Sir/Madam,

With reference to subject cited above I herewith permit you to Visit field work for Awereness about food adultration For all B.Sc 1st sem students.

Thanking you

Place: Sindgi

Date: 08/12/2021

Coordinator, IQAC

Dept of Chemistry

P Porwal Arts & Science Conege

LOAC .

G. P. PORWAL ARTS, COM 9 V. V. SALIMATH Sc. Collections SINDGI-586128. Principal,
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College
SINDGI-586128. College Code: 5234



G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE

COLLEGE, SINDGI - 586 128 (Dist: Vijayapur. Karnataka State)

Affiliated to Rani Channamma University, Belagavi

E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile: 9611032604

DATE: 09/12/21

DEPARTAMENT OF CHEMISTRY

NOTICE

It is hereby informed to all the BSc 1^{s t} sem Students Visit field work for Awereness about food adultration at will be conducted on 10/12/2021. So kindly attend the class without fail.

Dent. of Chamistry

V V Salimath Science Conege SINDAGI - 586 128

Principal,
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College

SINDGI-586128. College Code: 5234

v. v. SALIMATH Sc. College, SINDGI-586128.

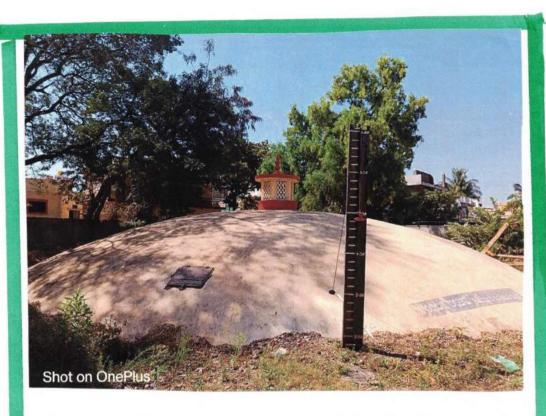
DEPARTMENT OF CHEMISTRY Extension Activity For B.Sc. I Semester Year 2021-22

FOOD ADULTERATION IN DAY TO DAY LIFE

The following students participated in this Extension Activity.

	11011		
SI.NO.	Name of Student	Register No.	Signature.
J	Shakuntala T. Kamble	120	Ramble
2	Bhagyashire M. Ukanal	118	- Best_
3)	Bhagyashtee -s . warad	061	By
4>	Muskan. M. Mwla	143	Muskap
5)	Lami. S. Dayga.	121	Jame .
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Coordinator IQAC WAL ARTS, COM & WATH Sc. College, 201-586128.	G P Por V V Sa S Pi G.P.Porv V V Salir	P.O.D. ept, of Chemistry wal Arts 3 dimath Science Conege annDAGI - 586 128 cincipal, val Arts, Comm. & nath Sc. College Centre, SINDAGI.



This is called as sump it means

put or reservior serving as drain or receptacle

for diquids. Such as as poal

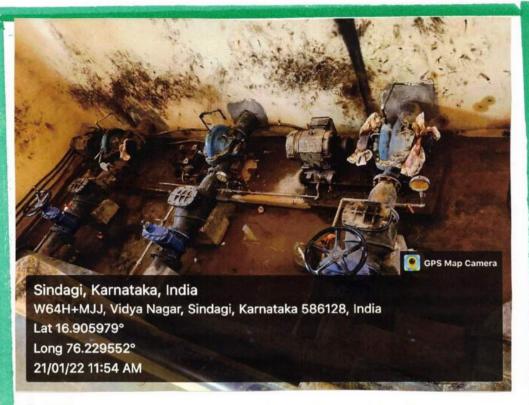
This sump is doma Shaped Structures

these have the capacity of sooos lifer of

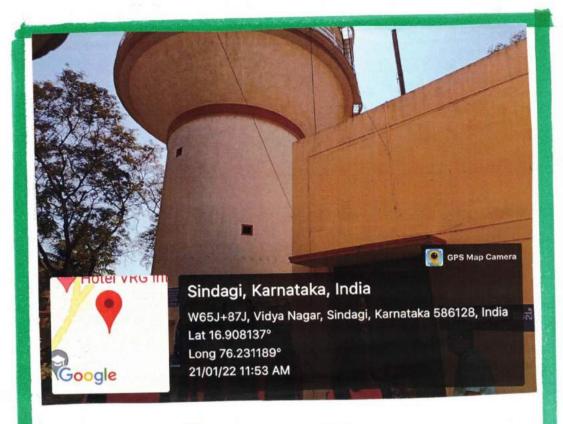
Capacity.

The purified water is stored in

the Sump for conservation of water.

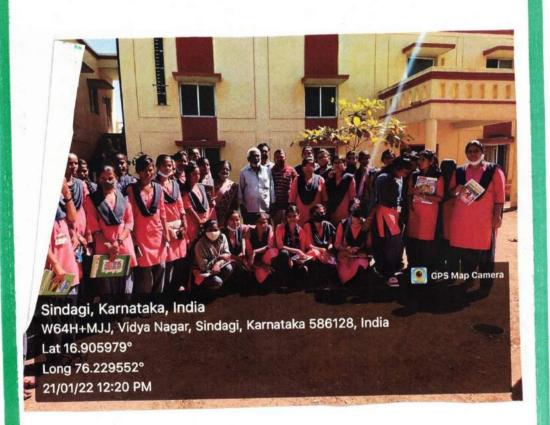


The callected purified water in the sum one framsported to heigh tanks of Capacities 8,00000 & 200000 for through these motors. These motors have the Capacity of 45 Hp. There are three motors in the in this system. with the help of huge motors the water is palled from bottom to top.



These are called water.

Storing tank have the capacity of 5 lakh to 2 lacks diter the parified water is dustrubuled to the areas of Sondage as per their skhidule.



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Coordinator IQAC

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V.V.SALIMATH Sc. College,
SINDGI-586128

Principal, G. P. Porwal Arts, Comm V. V. Salimath Sc. Colleg SINDGI-586128. College Code:

G.P.PORWAL ARTS, COMMERCE & V V SALIMATH SCIENCE COLLEGE SINDAGI-



A STUDY TOUR REPORT ON VISIT TO BIOTECHNOLOGY LAB, MYSORE UNIVERSITY

2021 - 22

DEPARTMENT OF BOTANY

Submitted to the In partial fulfillment of the requirement for the award of degree of

BACHELOR OF SCIENCE

Submitted by

Roopa R Binadan

(51928915)

HEAD OF THE DEPARTMENT Dept. of Botany

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V.SALIMATH Sc. College,
SINDGI-586128 Prinzipal,

G. P. Porwal Arts, Comm & V. V. Salimath Sc. College

BIOTECHNOLOGY:

The term biotechnology is believed to have been coined in 1917 by a Hungarian engineer Karl Ereky (1878-1952). Ereky is regarded as the father of biotechnology. Thus the term biotechnology has roots into bio (the use of biological process) and technology (to make useful products applying techniques).

- Biotechnology is defined as the development and utilization of biological processes, forms systems for obtaining maximum benefits to man and other forms of life.
- Any technological application that uses biological systems, living organisms or derivatives there of, to make or modify products or processes for specific use.

Objectives of Biotechnology:

- Understanding theimportance of immobilized enzymes in pharmaceutical industries.
- Genetic engineering applications inrelation to production of pharmaceuticals.
- Importance of monoclonal antibodies in industries.
- Appreciate the useof microorganisms in fermentation technology.

 To develop gene surgery and gene therapy to cure genetic diseases.

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SINDGI-586128

G. P. Porwal Arts, Comm

51NDGI-586128, College Code:

SCOPE:

Biotechnology has become one of the most progressive &beneficial scientific fields since last quarter century. The scope of biotechnology are immense in India. We are at a pace of making new application & innovation every day & this could be possible with combining technology & biology together.

There are many organization that offer different job opportunities in India.After doing bachelor degree course & Master degree even also ph.D in biotechnology, one can find jobs in the fields of-

- Drug & pharmaceutical.
- > Public funded laboratories.
- > Chemicals.
- > Energy.
- Waste management.
- > Food processing.
- Bio processing
- Government institutions & organizations such as department of biotechnology(DBT)
- > Agricultural institutes
- > Horticultural institutes.



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Principal, G. P. Porwal Arts, Comm & V. V. Salimath Sc. College SINDGI-586128, College Code: !

Educational Trip to Mysore University (Biotechnology Department)

Bachelor of science as a students cant be taught merely in the four walls of the classroom. Only theoretical knowledge is not sufficient to build a competitive young minds. Practical knowledge of the actual things is equally important. Study tour is quite valuable and important aspect to provide practical knowledge to the students of B.Sc.

Study tour emphasizes experimental learning and offer both group and self directed activities, that enable learners to explore various industries cultures, practices and people.

As a part of the curriculum of B.Sc.(Rani Channamma University). A educational trip was organized by the G. P. Porwal College Sindagi.

The major objectives of the trip was to acquaint the students with the instrumentation and process involved in fermentation technology, preservation of microbial cultures and development maintenance and functioning of bioinformatics tools used inn protein analysis and genetic engineering.

So, the trip was planned to visit Department of Biotechnology at Mysore University under the guidance of HOD of botany Prof. S.S.Muttinpendimath madam. And our journey started on 29th of August ,2022, a group of 30 students & 2 satff members were included. Our destination was from Sindagi to Mysore. So, we departed from our college in bus around 5:30pm in the evening. It was one night to Mysore. we had some fun with friends along the journey.

And next day around 6:am in the morning that is on 30/07/22. We reached Adichunchanagiri, where we got freshed up, got

blessings from god and departed to mysore to visit University which was main Aim. We arrived at Mysore University at 12:30pm.



There we had some professional talks and information about our college. And after that we went on to visit biotechnology lab. We entered biotechnology lab 12:42pm.



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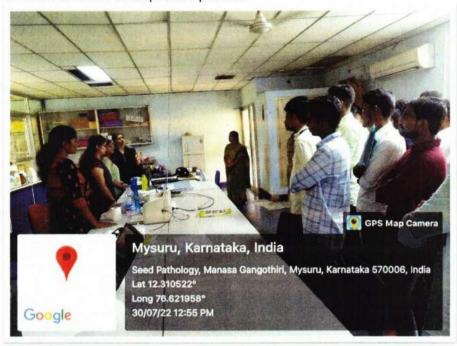
Coordinator IOAC G. P. PORWAL ARTS, COM. & V.V.SALIMATH Sc. College, SINDGI-586128 Principal, G. P. Porwal Arts, Comm V. V. Salimath Sc. Colleg SINDGI-586128. College Code: The lab was huge with all the modern equipments related biotechnology. We are amazed to see such things. There we met Mr.Ravishankar, who was guide knowing all things there.





There we saw many sub-departments. Where some of the scholars working on different projects.

First we met Miss .Anuja and group , who were working on secondary metabolites. There were working on , finding medicines from unexplored plants.





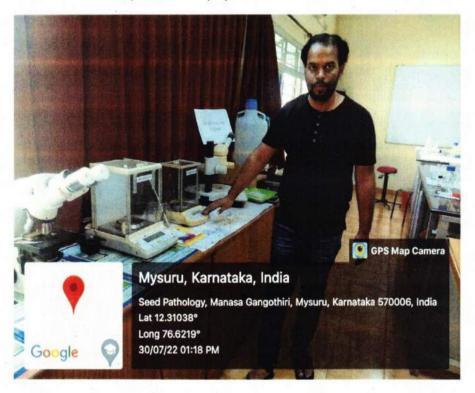
They gave us brief explanation about modern generation antibiotics along with that we also saw many fungal and bacterial culture in the lab which are useful for the studies.



There we had look around huge instruments like laminar airflow, autoclave and modern culturing equipments.



Later we met another team , who were working under the guidance of Mrs.Aruna. There were working on milk protein called colestrum . There one of the team member Mr. suraj explained briefly about what they were working on. Like bioactive effects , bioactive peptides.



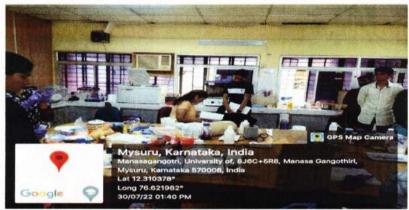
He also explained about some of the major equipments used in that lab.

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G. P. Porwal Arts, Com V. V. Salimath Sc. Col SINDGI-586128. College Co







At last we visited a room where actual instruments were located. There Mrs. Ankita who gave us all information about the all instruments one by one all of us very eagerly learnt everything.





And all the professors were very pleased by our behavior and co-ordination.

So after spending four long hours in the lab it was our time to depart, so we thanked all teachers and faculties there.

Next we went onto visit other places in the Mysore like palace, zoo and KRS dam. And had very good time there.

We know that journey are always great with great souls. A memorable time spent with friends and that true learning experience in the University of Mysore. Where we got ful satisfaction about the subject and content.

So, finally it was time to depart we left Mysore around 9:00pm at night and reached Sindagi the next morning. So it was totally a memorable trip along with recreation we also acquired a great knowledge.



Conclusion:

The studious attitude and efforts got completed successfully. Thus the G .P . Porwal College Study Tour 2022 came to a full circle as we touched our college campus 6:30am in the morning . There we learnt how important a biotechnology field is and its benefits. And the major role of biotechnology in the development of food crops and medicine, it also joins the hand in over all development of the nation.

Each one us were tired but contented for sure. As we slept that night we were all rejuvenated and very much ready to welcome dear morning of vivid colours of the sky and grass, the wide deca view of horizons and open the green fields of our college.



HEAD Dept. of Botany

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V.SALIMATH Sc. College, SINDGI-586128 Principal,

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S.P.V.V.S's



G. P. PORWAL ARTS, COMMERCE AND V. V. SALIMATH SCIENCE

COLLEGE, SINDGI - 586 128 (Dist : Vijayapur. Karnataka State)

Affiliated to Rani Channamma University, Belagavi Accredited at 'B' Grade (2.42 CGPA) by NAAC

E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244

Ref. No.

Date

Department of Botany

Academic Year: 2021-22

Date: 01/12/21

To, The Coordinator, IQAC

Sub: Request for Permission to Field visit. (Babaleshwar Nursery)

Sir/Madam,

With reference to the subject cited above, we the faculty of department of botany would like to bring to your kind information that along with B.Sc V Sem (CBZ) students, planned for field visit to Babaleshwar Nursery on 06/12/2021. which is made compulsory in syllabus of RCU, Belgavi. Kindly permit us the same for the welfare of our students.

Hoping that the authority will do the needful and oblige.

Thanking you

Place: Sindgi

Date: 01/12/2021

Co-ordinator IOAC

G. P. Porwal Arts, Comm & V. V. Salimath Science College, SINDGI-586128. DtVijayapur

G.P.P. & V.V.S. College SUNDGI - 586 128

Principal, G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, 51NDGI-586128. College Code: 5234

S.P.V.V.S'S

P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE

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E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile: 9611032604

Academic Year: 2021-22

Date: 02 /12/2021

To, Head, Department of Botany

Sub: Permission to Field visit. (Babaleshwar Nursery)

Ref: Your letter dated on 01/12/21

Sir/Madam,

With reference to subject cited above I herewith permit you to go for field visit to Babaleshwar Nursery on 01/12/2021 for B.Sc V semester students. Thanking you,

Place: Sindgi Date: 02/12/2021

Coordinator, IQAC

HEAD Dept. of Botany G.P.P. & V.V.S. College SINDGI - 586 128

IOAC G. P. Porwal Arts, Comm & V. V. Salimath Science College, SINDGI-586128. DtVijayapur

Principal, G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, 5-10-G1-586128. College Code: 5/34

LIST OF STUDENTS VISITING NURSERY (2021-22)

l o.	Reg No.	Name	
	S1928885	POOJA DANAYYA HIREMATH	-
2	S1928915	ROOPA RUDRAGOUDA BIRADAR	-
3	S1928882	PADMASHREE JAGADISHACHANDRA BOGAR	_ (
4	S1928804	AISHWARYA IRABASU WALIKAR	
5	S192807	AKASH HEGGU NAIK	
6	S1928892	PRAJWAL RAVEENDRANATH MANGALUR	
7	S1928896	PRAVEEN SHIVAPUTRA KADEMANI	
8	S1928871	NANDEPPA VIJAYVITHAL HOSAMANI	
9	S1928831	DOULATHRAY RAVUTAPPA GOBBUR	
10	S1928844	KAJALMA NABISAB MELINMANI	
11	S1928954	SNEHA SHIDRAMAPPA BAJANTRI	
12	51928859	MAHESH BASAVARAJ DEGINAL	
13	S1928952	SIDRAM BASAPPA PATIL	
14	S1928852	KHANAKHASIM ABDULKHADAR MOKASHI	
15	\$1928937	SHARANABASU BHIMARAYA HUGAR	
16	51928822	BHEEMANNA RAJU DESUNAGI	
17	51928877	NIKIT SHIVANAND MARTUR	
18	S1928893	PRATIBHA GURULING	
19	\$1928927	SAVITA DEVINDRAPPA	
20	\$1928968	VIDYASHREE BASAVARAJ HUGAR	
21	S1928884	POOJA KALYANAPPA ADAKI	

22	S1928930	SAVITRI SHARANAGOUDA BIRADAR	Bern
23	S1928928	SAVITA SHANTAPPA SONNAD	gens.
24	S1928897	PRIYA HANAMESH KULKARNI	Jenys
25	S1928917	SAHANA SHANKAR PAWAR	Sey
26	S1928962	UMARFARUQ JAVEDAHMAD CHOUDARI	Umy
27	S1928817	ASHA MALLAPPA MULLOLLI	- Okno
28	S1928913	RAVI BHAGANNA NAIKODI	Ah
29	51928813	ANEELAKUMAR YAMANAYYA GUTTEDAR	Askur
30	51928821	BHAGYASHREE AMBANNA SULPI	Plane
31	S1928931	SHANKREMMA MAHANTAPPA GOBBUR	sel
32	51928888	POORNIMA IRANNA KANGAL	Danning
33	S1928809	AKSHAYKUMAR HANAMANTRAY BAJANTRI	Den
34	S1928879	NINGARAJ BHIMASHANKAR SHIVAPUR	Suy
35	S1928851	KEDARLINGA JUMMANNA GADDAD	peeders
36	S1928854	LAKSHMI SHRIMANT KALLUR	Vame
37	S1928853	KOLI BHAGYASHRI SHRISHAIL	Rassh.
38	\$1928953	SIDRAM RAVUTAPPA BHASAGI	Sidn
39	S1928938	SHARANABASU SHREESHAIL TALAWAR	8 9
40	S1928863	MALLIKARJUN SOMALING YALLUR	adres
41	S1928890	PRADEEP SANGANNA KOODAGI	Proly

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Principal, G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, SINDGI-586128. CollegeCode: 5224

S. P. V. V. S G. P. PORWAL ARTS, COMMERCE & V. V. SALIMATH SCIENCE COLLEGE SINDAGI-586128 DIST-VIJAYPUR



Rani Channamma



University, Belagavi



DATE: 05 101 2022

DEPARTMENT:BOTANY -2021-22

NAME:-

SUBJECT:- BOTANY-I

TITLE OF THE PROJECT :- Nursery

CLASS:-BSC 5th SEMESTER

REGISTER NO : ROLL NO :

SUBMITTED BY

SLNO. Reg. No. Name. 1] S1928831 Doulathray.R. 2] Nandish.H.

g192880f

Akash. N.

HEAD

G.P.P. & V.V.S. College SINDGI - 586 128

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University No: \$1928831

S. P. V. V. S

G. P. PORWAL ARTS, COMMERCE & V. V. SALIMATH SCIENCE COLLEGE SINDAGI DIST-VIJAYAPUR

S1928871





Rani Channamma



University, Belagavi



DEPARTMENT OF BOTANY 2021-22

This is Certify that Kumar/Kumari: Doulathray Mandish,

5th Semester satisfactorily completed the course of project work in BOTANY paper-I under my supervision, as laid in the regulation of Rani Channamma University Belagavi

DATE: 05 |01/2022.

HEAD OF THE DEPARTMENT Dept. of Botany G.P.P. & V.V.S. College

SINDGI - 586 128

NURSERY VISIT

It is two that all knowledge required is not printed in books or neither taught is classrooms.

Some of the things are to be learnt from nature itseff. So, for this we have to enter into nature and observe actual things.

So as to prove this, a nursery visit was organised by G.P.Porwal V.V.Salimath Science College Sindagi, according to to the syallabus of University.

Before visit the place was selected, due to Covid-19 near place was selected it was a village Called Babaleshwar which was 15km away from our campus where nursery was present it's name was the Babaleshwar Nursery.



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Principal, G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, SINDGI-585128. CollegeCode:5234 According to the information collected the nursery is situated in 40 acrs of land. And it is said that it started before 25 years, and it is famous for its good mangement of plant species. The whole nursery is maintained by RFO officers and large number of laboures.



And the nurserys was well equipped with solar panels for the production of electricity.



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Co-orkinator IQAC G. P. Porwal Arts, Comm & V. V. Salimath Science College, SINDGI-536128. DtVijayapur Principal, G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, SINDGI-586128. CollegeCode:5134 Along with this nursery has a huge water pond with water capacity of 4 lakh gallons to maintain the nursery. And it estimated that about 10 lakh rupees have been invested to build the water pond.



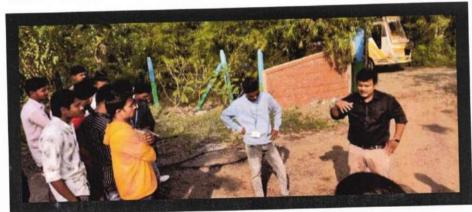
Above all it is a very well maintained nursery in vijaypur district. And it is said that there are a Huge no of laboures for watering, cutting and to take care of nursery.



So to accomplish this task, we started our journey on 6/12/2021 around 8:30 am by bus, it was A short distance journey about 15 km and we reached at 9:30 am.



Before entering the nursery, our sir explained some of the important things about nursery, like what is nursery which place is suitable for nursery about the location along with these sir also briefed about some plants and about their classification. And a quick short information was given about trees, herbs and shrubs and types root, stem and different types of leaf.



So as we enter the nursery our all eyes caught upon the special the aerodrip system used to water plants along with liquid fertilizer and also. Along with our sir we met RFO office as our guide. He said that this special type system is used in Israel country and it was brought from there and We all were pretty excited know this.



And there we saw a tank like object and it was called the sand filter which was connected to a water body from there it filters the impurities and sands water to the drips. And this was very Well explained by our sir, sir also explained that watering of plants depends on the climatic Condition that is more water required in summer and less water in winter seasons.

Next along with our sir we went to study about the different types of plant species and their Classification which was our main aim. So first of all we went around the fruit plants. Above All we called see there a lot of cut and drafted plants over there.

Next along with our sir we went to study about the different types of plant species and their Classification which was our main aim.

So we around fruit plants like -papaya,guava,chickoo,rain tree, sandal wood,tapasi,banyan tree Custard apple,mango,Java.

After this we went to have eoof at poly house and gree house along with that we studied about seed bed also.

Poly house

-A house or structure made of transparent material such as glass or polyethylene where plants grow under controlled climatic conditions.



Green house

-A green house is a building where plants such as flowers and vegetables are grown. It usually has glass or translucent plastic roof



Seed bed

-A seed bed or seedling bed is the local soil environment in which seeds are planted. Here the young plants are grown from seed.

-Types

- 3 types of seed beds are thre
- -Flat seed bed.
- -Raised seed beds.
- -Sunken seed beds.

Here we learnt about seed bed is detail and how are they made. Next we moved on to a very attractive plants that is flower plants here we learnt about some of the flower plants which was very well described by sir.



Seed Bed

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Principal, G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, SINDGI-586128. College Code: 5234

Conclusion

-Here we came to the end of the project on the topic nursery visit. I feel we no choice but to Conclude. The nursery visit was a truly a learning experience vee learnt a lot of things there beginning from special type of aero drip system to soil composition. Between these we learnt about many plants and their importance and how are they cultivated and taken care.

And the grafting techniques and became familiar to may of things we didn't know. Along with these we also got aware by the awareness boards which were put on by nursery that included the advantages of growing plant in nursery.

It is said that learning with a good souls always yields a great knowledge, we all friends and Teachers had a great time there. We also thankful to the teachers who helped in completing the Project.



Co-ordinator IQAC

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crence Conege, SINDGI-586128, DtViiayapur

Principal, G. P. Perwel Arts, Comm. & V. V. Salimath Sc. College, SINDGI-585128. CollegeCode, 71 S.P.V.V.S.S.

G.P.PORWAL ARTS, COMMERCE & V.V.SALIMATH SCIENCE COLLEGE, & BHASKARACHARYA - II P G STUDY CENTRE,

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(Dist: Vijayapur) Affiliated to Rani Channamma University-Belagavi (Karnataka State) Accredited at B (2.42 CGPA) by NAAC

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Water Purification Unit Report 2021-22

Name of the Department	: Botany
Name of the student	: Sneha. Ravindranath. Mangalur
Mobile No.	: 9986815002
Class	: BA / B.COM / B.Sc. I St Semester
DSC I/II	:
Registration No.	: <u>U15NB2150166</u>
Test I & II	:
Title of the seminar Paper	: Water purification unit Repor
OES Subject (Title)	:
Marks	: Max:10:
Date	: 4/02/2022
Ad	Signature

HEAD Dept. of Botany G.P.P. & V.V.S. College SINDGI - 586 128 G. P. PORWAL ARTS, COM-V. V. SALIMATH Sc. College, SINDGI-586128

Chairperson IQAC

G. P. PORWALARTS, COM. & V.V.SALIMATH Sc. College, SINDGI-586128

College Roll No 99

University No U15NB21S0166

SPVVS

G P PORWAL ARTS, COMMERCE & V.V SALIMATH SCIENCE COLLEGE SINDAGI-586128

DIST-VIJAYAPUR



Rani Channamma



University, Belagavi



DEPARTMENT OF BOTANY 2021-2022

This is Certify that Kumar/Kumari Sneha. R. Mangalur.

1st Semister Satisfactorily completed the course of

Water Purification Unit Report work in Botany, as laid in the regulation of Rani Channamma University Belagavi

STAFF MEMBER INCHARGE

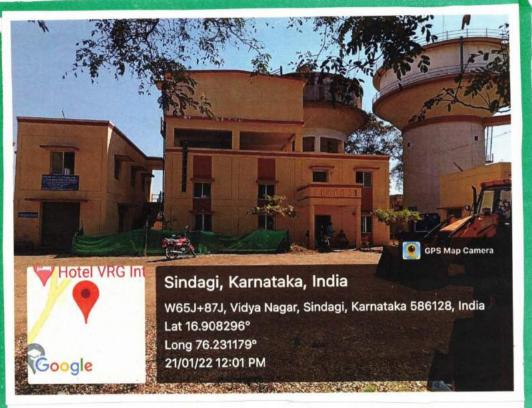
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V.V.SALIMATH Sc. College,
SINDGI-586128

HEAD OF THE DEPARTMENT

Chairperson IQAC

SINDGI - 586 128

P. FORWALARTS, COM 1 V.V.SALIMATH Sc. College, SINDGI-586128



This is the pond water purification unit present in Sindagi vidya Nagar.

Introduction: One of the major purpose of water purification is provide drinking water. water purification also meets the nucls of medical. "

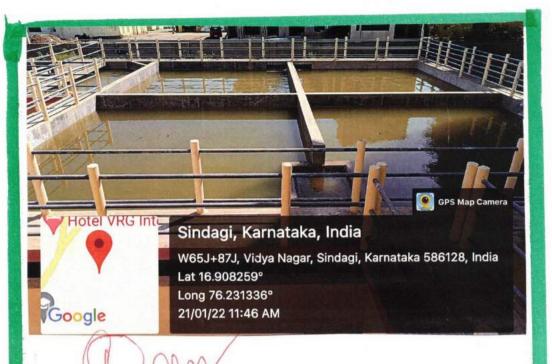
Pharmacodogical, chemical and industrial application for these reason its necessary to clean the water.

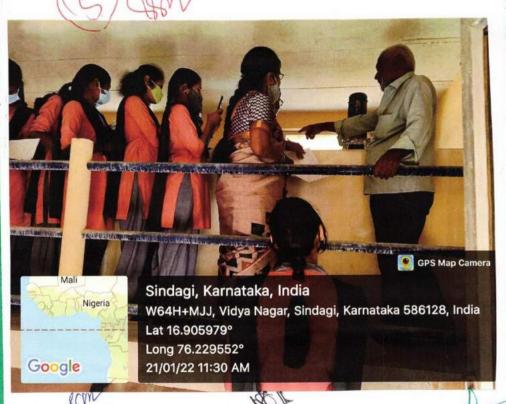
Here water is filtered by some of methods by wing all thus methods we kill the harmfull fairnoorganism and male ist puse all remove hatordous dissolved gases in water.

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Chairperson IQAC





HEAD Dept. of Botany G.P.P. & V.V.S. College SINDGI - 586 128

Coordinator IQ

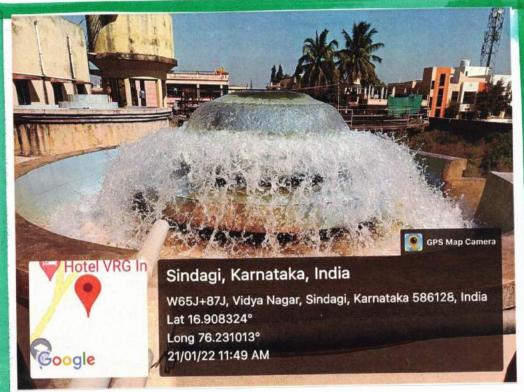
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P. PORWALARTS, COM. & V.V.SALIMATH Sc. College, SINDGL-586128

The process of purification of coater ctents evith the adding of chemicals such as bleaching Powder and Acum to the pond water.

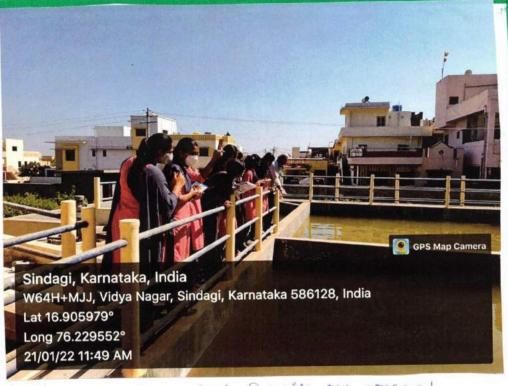
Because it make water discripetent & chlorine present in bleaching powder solution

Kills god of bacteria. Present in water.



This is known are aeriator device during water purification process aeriation is the Second Step. The treated water passed to the aeriation tank through the pipes. Aeriation is an in-line point of entry process. That reduces the Concentration of voitable organic ampounds. Aeriation also removes dissolved Eases such as hydrogen sufficient methane radon. It ordines dissolved i ron, although the resulting iron porticle can foul. The packing madrial in Same aeriation duries.

Through their aeriation. Tanks water is Passed to the clarifics.



are three claufing units are present

The each clarifier, works by permutting the heavier and larger particle to settle to the bottom of the clarifier.

* The particles then form a bottom layer of studge

requiring regular removal and du posal.

* The clarified water then proceeds through several more steps before being sent for storage and use.

All these procedure starts when treated water. (bleaching powder & Alum) is passed to aeriation tank and then to the clarifing. units. there waler is purified from heavir particles.



The fourth part is filter Bud. This removes Ehlerine. chloramine and all of the careinogenite by modules. It also removes floride which is known to interfere with phosphorus. It also removes the Soluts present in it.

FUNARIA

SYSTEMATIC POSITION :-

Division: Bryophta

Class: Bryopsida

Order: Funariales

Family: Funariaceae

Genus: Funaria

GENERAL CHARACTERISTICS:-

- Moss plant Funaria grows in dense patches or cushions in moist shady and cool places during the rainy seasons.
- ➤ It has a height of 3-5 cm, a radial symmetry with a differentiation of an axis or stem, leaves or phylloids and multicellular colorless branched rhizoids
- ➤ These are primitive multicellular, autotrophic, shade loving, amphibiouns plants.
- > They reproduce by spore formation.
- > They have no vascular system.
- > Root like structures called rhizoids are present.
- They show alternation of generation i.e
 The gametophytic stage alternates with the sporophytic stage
- Funaria is a genus of approximately 210 species of moss and 18 species reported from india.
- Funaria hygrometrica is called "cord moss "because of the twisted seta.
- > The name is derived from latin word "funis" meaning a rope.

FUNARIA:





Visited Place : Hangaragi reserve forest



CONCLUSION:-

Field trip and excursion are important components of a student development Even we got some bene fites and enjoyment and mutul understanding during field visit

As the trip was study purpose sowe gained the knowledge through environmental things.

The studios attudes one efforts got completed Successful .Thus the plant physiology field trip 2019 has come to a full circle as we touched our college compus at about 9:15 pm.

HEAD Dept. of Botany G.P.P. & V.V.S. College SINDGI - 586 128

Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128, DtVijayapur

G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, SINDGI-586128. CollegeCode:5234



G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE

COLLEGE, SINDGI – 586 128 (Dist : Vijayapur. Karnataka State)

Affiliated to Rani Channamma University, Belagavi Accredited at 'B' Grade (2.42 CGPA) by NAAC

E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile: 9611032604

Ref. No.:....

Date :

Department of Botany

Academic Year: 2019-20

Date: 29/08/2019

To, The Coordinator, **IQAC**

Sub: Request for Permission to Field Visit

Sir/Madam.

With reference to the subject cited above ,we the faculty of department of botany would like to bring to your kind information that along with B.Sc III Sem (CBZ) students, planned for field visit to Kudalasangam via Devarahipparagi on 03/09/2019 which is made compulsory in syllabus of RCU, Belgavi. Kindly permit us the same for the welfare of our students.

Hoping that the authority will do the needful and oblige.

Thanking you

Place; Sindgi Date: 29/08/2019

Co-0

G.P.P. & V.V.S. College SINDGI - 586 128

nator IQAC G. P. Porwal Arts, Comm & V. V. Salimath

G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE, SINDGI – 586 128 (Dist: Vijayapur. Karnataka State) Affiliated to Rani Channamma University, Belagavi

Accredited at 'B' Grade (2.42 CGPA) by NAAC

E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile : 9611032604

Academic Year: 2019-20

Date: 31/08/2019

To, Head, Department of Botany

Sub: Permission to Field visit to Kudalasangam

Ref: Your letter dated on 29/08/2019

Sir/Madam,

With reference to subject cited above I herewith permit you to go for field visit to Kudalasangam via Devarahipparagi on 29/08/2019 for B.Sc III semester students.

Thanking you,

Place: Sindgi Date: 31/08/2019

Coordinator, IQAC

HEAD Dept. of Botany G.P.P. & V.V.S. College SINDGI - 586 128 Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SiNDGI-585128, DtVljayapur

Principal, G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, SINDGI-586128, College Code: 5234

List of students going for field visit

L.NO	REG.NO	NAME	SIGN	
1.	S1828558	SOMANAGOUDA BASAVARAJ KONNUR	-62.	
2.	S1828495	NEELAMMA MAHADEVAPPA HALAKERI	441	
3.	S1828489	MOHAMAD JAVED DASTAGEER JARDI	- Harrack	
4.	S1828540	SHILPA BHEEMARAYA HOSAMANI	The state of the s	
5.	S1828576	UJWALA SHIVANANDA GUJJA	(Inal	
6.	S1828560	SOUNDARYA MADIVALAPPA DESAI	dw_	
7.	S1828494	NAVEENKUMAR MALLAPPA SINDAGI	Hon wen y	
8.	S1828401	ABHISHEK IRAPPA KUCHABAL	Abhirkers	
9.	S1828505	PRAFUL NINGAPPA KURUMALL	Firmal	
10.	S1828420	ASIK MALLINATH GUTTEDAR	Cantrody	
11.	S1828487	MEGHA NINGAPPA	Marka	
12.	S1828434	BHAGYASHREE KALYANI KEMBHAVI	BKM	
13.	S1828470	LAKSHMEEPUTR RAVUTARAY	2 Ra	
14.	S1828586	VINOD KAREPPA	Kingad, Kany	
15.	S1828484	MANJUNATH BASAPPA BABALESHWAR	(Vagentra	
16.	S1828570	SUVARNA GURUNATH BIRADAR	Goradas	
17.	S1828578	UZMATABASUM AKBARPASHA KHATIB	Uthath	
18.	S1828562	SPOORTHI SHIVASHARANA GUGGARI	See	
19.	S1828514	RAMESHA PAYANNA BAJANTHRI	Paurantri	
20.	S1828476	MAHMADASHEEF M DEVARANAVADAGI	wal In	
21.	S1828447	DEEPA MALLAPPA KARANAL	pakamal	

22.	S1828572	TADACHAA MAHAAD HANEED IAMADAD	O ded
23.	S1828438	TABASUM MAHMAD HANEEP JAMADAR	June
G:51A'		BHAGYASHREE GOLLALAPPA KALASHETTI	BG
24.	S1828409	AMEERPATEL RUKUMPATEL NADAGOUDA	Ansenos
25.	S1828448	DEVENDRA HANAMANTRAY GUTTEDAR	Dolattada
26.	S18284472	LAXMI IRANNA PYARASABADI	Lasemi
27.	S1828504	POOJA MAHADEVAPPAGOUDA MYALAGI	·SSd
28.	S1828528	SAKKUBAI SOMU CHAVAN	-82
29.	S1828421	ASMA DASTAGIR JARDI	Danes
30.	S1828457	HANAMANT KAREPPA ALLAGI	It sent.
31.	51828454	GIREESH SHIVANNA HADAPAD	firth (adaped
32.	S1828549	SHRUTI LAKSHMAN GUTTEDAR	Dan .
33.	S1828537	SHARANABASU SHIVAPUTRA BALAGANOOR	des
34.	51828482	MANDAR MAHANTESH GOGI	PG
35.	S1828455	GURUPAD SIDDANNA BIRADAR	Juranford
36.	S1828543	SHIVANAGOUDA M BIRADAR	Mandus
37.	S1828480	MALLIKARJUN GURUNATH BIRADAR	(Vod hing
38.	S1828411	AMIT MAHADEV RATHOD	Am Po Mod
39.	S1828581	VIDYADHAR SIDRAMAPPA MANASUNAGI	Ans
40.	51828497	NINGAPPA HAVANNA BHASAGI	206.5
41.	S1828412	ANITA LAXMAN PAWAR	Dosta Deway
42.	S1828588	VISHALAKSHI ASHOK HATTI	nest
43.	S1828473	LINGARAJ SHIVASHARANA SALOTAGI	Cey
44.	S1828483	MANJULA DYAVAPPA BIRADAR	Asses

45.	51828416	ASHAMMABEGUM BANDENAWAZ KOJAGER	Allan
46.	S1828521	RESHMA BEGUM BANDENAWAZ KOJAGER	1.60
47.	S1828510	PRIYANKA SHRISHAIL MATHAPATI	Com sand
48.	S1828452	GEETA SANTOSH NAYAK	Colored
49.	S1828501	PAVAN DASHARATH TALAKERI	(Pagen
50.	S1828428	BAVARAMMA BASAVANTRAYA PATIL	(Da) a sa
51.	S1828458	HANAMANT SHIVAPPA KALASHETTI	House of
52.	S1828584	VIJAYALAXMI DANAYYA KANTIKARMATH	Yayas
53.	\$1828552	SHWETA OMPRAKASH ARALIMATH	Convolation
54.	S1828463	JYOTI SAYABANNA BADIGER	Trodizioliza
55.	51828493	NARAYANA DHANASING NAIK	1
56.	\$1828478	MALASHREE SHRISHAIL PUJAR	anaryn,
57.	\$1828443	CHAITRA SHANKARGOUDA BIRADAR	NY SU
58.	S1828422	AYISYA BHASHASAHEB BAGAWAN	aus
59.	S1828492	NANDITA CHANNAYYA HIREMATH	Whom of the
50.	S1828488	MOHAMMED SARFARAZ M MANNUR	W.
51.	S1828509	PREMA ARJUN SARJAPUR	Donney

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S.P.V.V.S

G.P.PORWAL ARTS, COMMERCE & V.V.SALIMATH SCIENCE COLLEGE SINDAGI-586128 DIST-VIJAYAPUR



Rani Channamma



University, Belagavi



DEPARTMENT: BOTANY DATE: 15 10 19

NAME: Gurupad. S. Biradar

SUBJECT: Botany

PROJECT REPORT ON: Field report

CLASS: - BSC (CBZ) III rd

REGISTER NO:- \$1828455

ROLL NO:- 156

SUBMITTED BY

Dept. of Botany

Co-ordinator IOAC
G. P. Porwai Aris, Comm & V. V. Salimath
Science College, SINDGI-526128. DtVijayapur

G.P.P. & V.V.S. College SINDGI - 586 128

College Roll No: 156

University No: S1828455

S.P.V.V.S

G.P.PORWAL ARTS, COMMERCE & V.V.SALIMATH

SCIENCE COLLEGE SINDAGI-586128

DIST-VIJAYAPUR



Rani Channamma



University, Belagavi



DEPARTMENT OF BOTAI 2019-20

This is Certify that Kumar/i Gurupad. s. Biradas.

Semester satisfactorily completed the course of project work in Botany under my supervision, as laid in the regulation of Rani Channamma University Belagavi.

DATE:- 15/10/19

Co-ordinator IQAC G. P. Porwal Arts, Comm & V. V. Salimath

Science College, SINDG!-586128. DtVijayapur

STAFF MEMBER INCHARGE

G.P.P. & V.V.S. College SINDGI - 586 128

INTRODUCTION:

A Botanical study comcalletion trip was organized during sept 3-2019 Field trip recognized as important moment in leaming a shared social experiance that provides the opportunity for . student . to cncounter and explore new things in as authentic way

So the in our ,G.P.Porwal Science college as Governed by . Botany department it was volutaryily arranged by studend of CBZ field trip was set to water areas near almatti and koodalasangam .

We gathere in our compus at around 6:30 am Started from the college at 9:00 am with the guidance and compny of our professor:

S, B Goudappa gouda Sir and prof:- S, S muttinpendimath madem we reached our first destination devar hipparagi mallayya tempe.

ALGAE



Visited Place : Mallayya temple Devarhipparagi

GENERAL CHARACTERISTICS:-

- > Algal cells are eucaryotic
- > Study of algae is called Phycology
- > Cellwall is thin and rigid
- Motile algae such as euglena have flexible cell

membrane called periplasts

- > Cell walls of many algae are surrounded by a flexible gelatinous outer matrix
- A discrete nucleus is present
- Inclusions like starch granules, oil droplets and Vacuoles are present
- Chlorophyll and other pigments are present
- > Chloroplasts may occur one, two or many per cell they may be ribbon like , bar like , Net like,or as discrete discs

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Science College, SINDGI-586128, Dt Viavapur.

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ALGAE:





Visited Place : Satihala Road Pound

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NOSTOC

CLASSIFICATION OF NOSTOC:-

DOMAIN -Bacteria

PHYLUM- Cyanobacteria
ORDER - Nostocsles
FAMILY- Nostacaceae
GENUS - Nostoc

GENERAL CHARACTERISTICS:-

- > It is blue green algae of filamentous form.
- Nostoc consists of many slender long & short inter woven filaments which look like a chain of beads.
- Each filaments is unbranched & consists of row of rounded or oval cells.
- There is a often a gelatinous sheath covering each filament is known as mucligenous sheath.
- Each cell is differentiated into two regions called chromoplasm(the outer region is blue green poigmented) & the inner colourless region called centroplasm.

NOSTOC:





Visited Place: Way to Alimatti
HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128

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CYCAS

Systematic Position:-

Division - cycadophyta

Class - Cycadopsida

Order - Cycadales

Family - Cycadaceae

Genus - Cycas

GENERAL CHARACTERISTICS:

- Cycas is the most widely distributed genus of the order Cycadales . there are about 20 species which occurs in wild state in chaina, japan, Australia, Africa , Burma and India .
- Four species of cycas -C. circinalis, C.pectinata, C. rumphii and C. beddomei occurs in natural state in india, chiefly in Assam, Orissa, Meghalya, Andaman and Nicobar Islands, karnatak and tamil Nandu.C. revoluta and C. siamensis are widely grown in gardens.
- ➤ The members of this order are commonly knownas cycards. they originated from the seed ferns. i.e.,cycadofilicales, towards the end of carboniferous periods and formed a dominant vegetation during the Triassic periods of Mesozoicera.
- > The order includes eleven living genera and about 100 species. They are usually woody trees except Zamia pygmaea.
- > The stem is mostly unbranched and is covered by persistent leaf bases. The leaves are arranged in whorls at the apex of the stem; they are pinnately compound
- The wood is monoxylic. The miro-and megasporophylls usually from male and female strobili

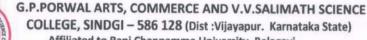
CYCAS:





Visited place : kudalasangam

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G.P.P. & V.V.S. College
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REPORT :-

Gour Banjaras have different cultural life and practices that differentiate them from others. They also have their own language, food habits, body tattooing, dress and ornaments, art, Martial art, Gorilla fighting skill, 'Ghumar' dance, and festivals and ceremonies, which have formed their culture. Gor Banjara culture includes their language, costume, marriage customs, festivities, folk and performing arts, and many other capabilities acquired by them. Women are known to wear colorful and beautiful costumes like phetiya (as ghagra) and kanchalli (as top) and have **tattoos** on their hands. The dress is considered fancy and attractive by Western cultures. They use mirror chips and often coins to decorate it. Women put on thick bangles on their arms (patli). Their ornaments are made up of silver rings, coins, chain and hair pleats are tied together at the end by chotla.

I visited to meet Banjara folk singer in Rampur Tanda (Karnataka) her name is Smt. Kashibai and Hunkabai. They have different style to sing a Banjara folk songs. They have well looked outfits like above mentioned matters. I learned about one of the different culture and tradition of India. Music and dance are integral parts of the Banjara culture. Their folk songs and dances depict tales of love, nature, and rural life. The Ghoomar dance of Rajasthan and Lambadi dance of Karnataka are famous examples of their captivating performances.

Head

Dept. of Kannada G.P.P. Arts, Commerce & V.V.S. Science College, SINDAGI-586128.

Bhoukenl

Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. DtVijayapur

Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128, College Code: 5234







G. P. PORWAL ARTS, COMMERCE and V. V. **SALIMATH SCIENCE COLLEGE**

SINDAGI - 586128

DEPARTMENT OF KANNADA

2018-2019

FIELD WORK REPORT



Head

Dept. of Kannada PR Arts, Commerce & V.V.S. Science College, SINDAGI-58612 Co-ordinator IQAC

G. P. Porwal Arts, Comm & V. V. Salimath Science College, SINDGI-586128. Dt Vijayapur

Principal, G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, SINDGI-586128. College Code: \$234

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E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile :9611032604

Date: 06/09/2018

To,

The Coordinator, IQAC,

Academic Year: 2018-19

Sub:Request for Permission to conduct Field Visit

Sir/Madam,

With reference to subject cited above I would like to bring to your kind information that; our Department is going to conduct the Field Visit for B.A Final Year students. Kindly permit us the same for the welfare of our students.

Hoping that the authority will do the needful of oblige.

Thanking you

Place; Sindagi

Date: 06/09/2018

Head of Department,

Head

Dept. of Kannada G.P.P. Arts, Commerce & V.V.S. Science College, SINDAGI-586128.

Coordinator IV G. P. PORWAL ARTS, COM &

V. V. SALIMATH Sc. College,

SINDGI-586128.

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E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile :9611032604

Date: 07/09/2018

To, Head,

Department of Kannada

Academic Year:2018-19

Sub: Permission to conduct Field Visit. Ref: Your latter dated: 06/09/2018

Sir/Madam,

With reference to subject cited above I herewith permit you the Field Visit Academy for B.A Final Year Students.

Thanking you

Place; Sindagi

Date: 07/09/2018

Coordinator, IQAC

G. P. PORWAL ARTS, CO V. V. SALIMATH Sc. Colleg-SINDGI-586128.

Head
Dept. of Kannada
G.P.P. Arts, Commerce & V.V.S. Science

College, SINDAGI-586126.

G. P. Polivar Arts, Comp

SINDC1-586128 Cc

3234

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ම්පාවත්ර ජීත්රා :- හත්ගතරා හාරත ජාරත වෙනෙන न्ध्र :- कार्नाव कार्का





Principal, G. P. Porwal Arts, Comm V. V. Salimath Sc. Colleg IDGI-586128. College Code

G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE

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लिंगाण पृष्ठ मार्ड

किरोबा कोरिक कि में कार के. के. के. ----धतिक्रकों काथ की अन्तिक क्रिक के अन्य

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र्द्ध स्थानात —

G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE

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. ചാനാഹ് മാരാ

හෝ ගාන්වේ ශ්යාමේයි පාරිපාරි ජ්රෝවේ වේණාවෙරණ ,,, ජෝවේගාවට ඒ සිවෙයිට පාශ්වේ වේණුවෙරණ ,,,

ಇರು ಕ್ರಿಲಿಕ್ಕಿಯೂ ಸಾಚಾಗ್ರಾ ಕ್ರೋಪ್ "

किए हेरीभिर्ह्या क्रिस्ट्रिंग क्रिस्ट्रिंग

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අතුව කුලා

පාෆිණා පාෆිණා ස්කූම පාෆිභෝ !
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ನ್ಯಾರ್ವಕ್ರಾ ಯಾಡಿ

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ಹಿಂದ ಇಲಾರಾಗ

क्रान्ट्रिश स्ट्रांगल की केठी क्रांट्रिंग खेंग्रहेगर क्रान्ट्रिश क्रिंगली की क्रेट्रिंगर ब्रिंग्रहेगर क्रान्ट्रिश क्रिंगली किट क्रेट्रांगर ब्रिंग्रहेगर क्रान्ट्रिंगरी

ಸೇವಾ ಭಾರವಾರೇ ___ ಹೇವಾ ಭಾರಮಾರೇ ___ ಹೇವಾಲಾಲ ರೇ__ ಗೋರ ಹೇ ರಭಾರ ಕೇಚ್ ರೇ ಆಾರೆ ಸಾರಿತಿ ಶಿಜೆನೀ ವೊರೋ ಭಾರವಾ ರೇ, ಹೇವಾ ಭಾರಮಾರೇ! ಗೋರೆ ಭಾರಮಾರೇ!!

শৈষ্টিংকাশে প্রক্রিপ্রের্জন ব্রের্জন বিরুদ্ধি বিরুদ্ধির ক্রিন্ডের ক্রিন্ডের

మెళ్లూం భుత్వారుల సంగార్వం భేవాలాంచురా ధుండే తానిలు కారా అనాయలో ! కార్లూం భూత్వరూ సంగార్వం భేవాలాయరం భుడే తానాణే అందే అనాంచురం ! జగియండా లే భగితాంచు!

> ಗೋರಿಎ . ಕೋ ಭಿಗೇಲಾನೆ ಹಿನೆಗೋರೇ 11

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