

## Permission Letter

Department of chemistry  
Vivekanand college, Kolhapur  
Date: 28/08/2019

To,  
The Principal,  
Vivekanand college, Kolhapur

Subject : The permission for Organize the Soil & Water Analysis Programme.

Respected Sir,

The department of chemistry has decided to organize a Guest lecture of Mr. M.V.Latkar (Kolhapur District Soil Survey & Analysis officer ) on 29/08/2019 on the occasion of Soil & Water Analysis Programme. Please give us the permission for the same. We also request you to accept our invitation as a chairperson for above programme.

Thanking you.

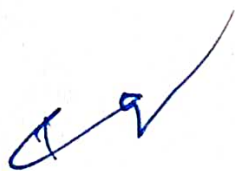
Your's faithfully,



Dr. D.B.Patil.

**HEAD**

**DEPARTMENT OF CHEMISTRY  
VIVEKANAND COLLEGE, KOLHAPUR  
(AUTONOMOUS)**





Shri Swami Vivekanand Shikshan Sanstha's  
**VIVEKANAND COLLEGE (AUTONOMOUS), KOLHAPUR**

2130, 'E'Tarabai Park, Kolhapur, Dist. Kolhapur-416 003  
Affiliated to Shivaji University, Kolhapur (M.S.)

NAAC Reaccredited : "A" (CGPA 3.24) on 19-01-16 (3rd Cycle)  
College with Potential for Excellence (Twice)  
"Star College" by D.B.T. Govt. of India



Ph. : 0231-2658612, 2658840, Fax : 0231-2658840 Resi. : 0231-2653962 Website : www.vivekanandcollege.org E-mail : info@vivekanandcollege.org

Founder  
**Dr. Bapuji Salunkhe**  
D. Lit

President  
**Hon. Chandrakant Dada Patil**  
Minister of Revenue, Relief & Rehabilitation  
Public works, Govt. of Maharashtra

Chairman  
**Prin. Abhaykumar Salunkhe**  
M.A.

Secretary  
**Prin. Mrs. Shubhangi Gavade**  
M.Sc., B.Ed.

Principal  
**Dr. S. Y. Hongekar**  
M.A., M.Ed., P.G.D.T.E.,  
M. Phil., Ph.D.

Ref. No. VCK/818/19-20

Date : 29/8/2019

To,  
Mr. M. V. Latkar  
Kolhapur District Soil survey & Analysis Officer,  
Kolhapur

Sub: - Invitation as a Guest Lecturer

Dear Sir,

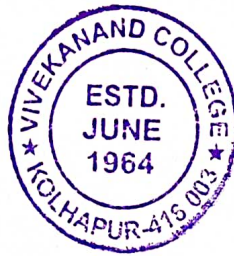
It gives me an immense pleasure that the Department of Chemistry, Vivekanand College Kolhapur started new value added course on “Soil and water analysis” from the academic year 2019-20. With this regards we have arranged yours Guest lecture on same topic on 29<sup>th</sup> Aug. 2019. In this regards, we cordially invite you as a guest lecturer on this occasion. Please accept our invitation and oblige.

A line of confirmation is highly appreciated.

Thanking you,

Dr. D. B. Patil

Dept. of Chemistry  
Vivekanand College, Kolhapur



Dr. S. Y. Hongekar

Head  
Dept. of Chemistry  
Vivekanand College, Kolhapur

Venue: Lecture Hall No. 14, Vivekanand College, Kolhapur

Time: 03.15 p. m.

Date: 29<sup>th</sup> Aug. 2019

  
Principal  
Vivekanand College  
Kolhapur

# Vivekanand College, Kolhapur

## Department of Chemistry

Date : 28/08/2019

### Notice

All the students of B.Sc.and M.Sc. are hereby informed that, Department of Chemistry is going to organize the Soil & Water Analysis Programme on 29/08/2019 (Thursday). On this occasion we have invited Shri.M.V.Latakar (Kolhapur District Soil Survey & Analysis Officer).

Please remain present on time at Room No.14 at 3.15 pm.



Your's sincerely,

*Dr. D.B. Patil*

**HEAD**

**DEPARTMENT OF CHEMISTRY  
VIVEKANAND COLLEGE, KOLHAPUR  
(AUTONOMOUS)**

ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार"

- शिक्षणमहर्षी प. पू. डॉ. बापुजी साळुंखे

Shri Swami Vivekanand Shikshan Sanstha's  
Vivekanand College, Kolhapur (Autonomous)  
Guest Lecture on Soil & Water Analysis

Organized by

Department of Chemistry

Date: 29-08-2019, Time: 3.15pm onwards

Table Programme

- Inauguration : Watering to Plant & Sanstha Prayer
- Preface : Miss. S.S. Bandgar
- Introduction of Resource Person : Mr. R. A. Kale
- Felicitation : Chief Guest by Principal  
Principal by Head
- Talk by Chief Guest : Mr. M.V. Latkar  
Director of District Soil and Water Analysis  
Laboratory
- Presidential Talk : Dr. S.Y. Hongekar  
Principal of Vivekanand College, Kohlapur
- Vote of Thanks : Mr. A.T.Mane
- Anchoring : Miss. P.A. Gholap



56



Shri Swami Vivekanand Shikshan Sanstha's  
**VIVEKANAND COLLEGE (AUTONOMOUS), KOLHAPUR**

2130, 'E'Tarabai Park, Kolhapur, Dist. Kolhapur-416 003  
Affiliated to Shivaji University, Kolhapur (M.S.)

NAAC Reaccredited : "A" (CGPA 3.24) on 19-01-16 (3rd Cycle)  
College with Potential for Excellence (Twice)  
"Star College" by D.B.T. Govt. of India



Ph.: 0231-2658612, 2658840, Fax : 0231-2658840 Resi.: 0231-2653962 Website : www.vivekanandcollege.org E-mail : info@vivekanandcollege.org

Founder  
**Dr. Babuji Salunkhe**  
D. Lit

President  
**Hon. Chandrakant Dada Patil**  
Minister of Revenue, Relief & Rehabilitation  
Public works, Govt. of Maharashtra

Chairman  
**Prin. Abhaykumar Salunkhe**  
M.A.

Secretary  
**Prin. Mrs. Shubhangi Gavade**  
M.Sc., B.Ed.

Principal  
**Dr. S. Y. Hongekar**  
M.A., M.Ed., P.G.D.T.E.,  
M. Phil., Ph.D.

Ref. No. VCK / शमस्त / 19-20

Date : 29/8/2019

To,  
Mr. M. V. Latkar  
Kolhapur District Soil survey & Analysis Officer,  
Kolhapur

Respected Madam,

Thank you for your highly enthusiastic and encouraging speech on “Soil and water analysis” 29th Aug. 2019. by Department of Chemistry. Your thoughts and suggestion will be highly valuable to our students.

We will always welcome you in near future also with another topic of interest.

Thanking you.

O/c.

Dr. D. B. Patil  
Dept. of Chemistry  
Vivekanand College, Kolhapur



Yours faithfully,

Dr. S. Y. Hongekar  
PRINCIPAL  
Vivekanand College  
Kolhapur

"Dissemination of Education for Knowledge, science and culture"  
Shikshan Maharshi Dr. Bapuji Salunkhe

Shri Swami vivekanad Shikshan Sanstha  
**Vivekanand College (Autonomous), Kolhapur**  
**Department of Chemistry**  
**Guest lecture on Soil and water analysis**

Sr. No.	Name of Student	Class	Sign
1.	PATIL SAURABH SARJERAO	B.Sc-III	<u>Patil</u>
2.	PAVAN PANDURANG PATIL	B.Sc. III	<u>PPatil</u>
3.	Shridhar Nilas Patil	B.Sc. III	<u>ShreePatil</u>
4.	Priyesh santosh Jadhav	B.Sc III	<u>Priyesh</u>
5.	Teevan Dhanaji Bhosale	B.Sc. III	<u>Teevan</u>
6.	Jitendra Gangaram Dafade	B.Sc III	<u>Jitendra</u>
7.	Shubham Anil Khot	B.Sc-III	<u>Shubham</u>
8.	Ketan Bhagavan Patil	B.Sc - III	<u>KetanPatil</u>
9.	Omkar Subhash Jadhav	B.Sc-III	<u>OJadhav</u>
10.	Amol Appasa poccoors	B.Sc - III	<u>Amol</u>
11	Kamble Sanket Jagannath	B.Sc - III	<u>Kamble</u>
12)	Shubham Yuvraj Patil	B.Sc - III	<u>Shubham</u>
20	Anmol V. Patil	B.Sc - III	<u>Anmol</u>
21)	Digvijay B Indulkar	B.Sc - III	<u>Digvijay</u>
22)	Siddharth. S. Koli	B.Sc - III	<u>Siddharth</u>
23)	Gurudar. S. Gharpade	B.Sc - III	<u>Gurudar</u>
24)	Shubham S Dalaw	B.Sc - III	<u>Shubham</u>
25	Bhushan J. Jadhav	B.Sc III	<u>Bhushan</u>
26)	Vinod. S. Bodekar	B.Sc - III	<u>Vinod</u>
27)	Ashresh N. Mohite	B.Sc - III	<u>Ashresh Mohite</u>
28)	Sandeep R. Mane	B.Sc - III	<u>Sandeep</u>
29)	Sandeep V. Shingade	B.Sc III	<u>Sandeep</u>
30)	Rushikesh B. Yetale	B.Sc III	<u>R.B. Yetale</u>

Sr. No.	Name	Class	Signature
1	Vishal Babasaheb Kulkarni	B.S.C. 1 <sup>st</sup> yr.	<u>Kulkarni</u>
2	Alim K. Mhaldar	B.S.C. III <sup>rd</sup> yr.	<u>Mhaldar</u>
3.	Vishal Anil Kumbhar	B.S.C. III <sup>rd</sup> yr.	<u>Kumbhar</u>
4.	Abhishek Sharad Patdar	B.S.C. 1 <sup>st</sup>	<u>Patdar</u>
5.	Raj Ramesh Tahasildar.	B.S.C. - I	<u>Tahasildar</u>
6]	Swagat Dadaso Suter	B.S.C. I	<u>Suter</u>
7]	Karan Kumar Ashok Shinde	B.S.C. I	<u>Shinde</u>
8)	Vijay Uday Shetke	B.S.C. I	<u>Shetke</u>
9)	Kamble Manoj Sanjay	B.S.C. - I	<u>Kamble</u>
10)	Rajvardhan Ashok Patil	B.S.C. - I	<u>Patil</u>
11)	Tushar Nayaku Patil	B.S.C. - I	<u>Patil</u>
12)	Prathamesh Rajesh Patil	B.S.C. - I	<u>Patil</u>
13)	Vishal Natha Kamble	B.S.C. - I	<u>Kamble</u>
14)	Pratik Pralhad Kokate	B.S.C. - I	<u>Kokate</u>
15)	Sunil Vikram Patil	B.S.C. - I	<u>Patil</u>
16]	Sahil Bhausa Ghiskande	B.S.C. - I	<u>Ghiskande</u>
17]	Prath Lalaji Kulkute	B.S.C. - I	<u>Kulkute</u>
13)	Kumar Paveen R.	B.S.C. - I	<u>Paveen R.</u>
14.	Gajanan Jayant Godhade	B.S.C. - I	<u>Godhade</u>
15)	Swapnil Sanjay Khot	B.S.C. - I	<u>Khot</u>
16)	Shakti Ravindra Chile	B.S.C. III	<u>Chile</u>

Sl. No.	Name	class	sign
1.	Sushmita. A. Shevale	B.S.C (I) C	<u>Shevale</u>
2.	Dhanashree Ananda Raval	B.S.C (I) C	<u>Dhanashree Raval</u>
3.	Pranita Rajendra Patil	B.Sc (I) C	<u>Patil</u>
4.	Amruta Krishnat Gurav	B.Sc (I)	<u>A Gurav</u>
5	Swapnagandha Dilip Kamble	B.Sc (I)	<u>Kamble</u>
6	Akonksha Rajendra Khamat	B.Sc (I)	<u>A.P. Khamat</u>
7.	Pranati Prakash Jadhav	B.Sc (I)	<u>Jadhav</u>
8.	Amruta Suresh Kamble	B.Sc (I)	<u>Kamble</u>
9.	Shivani Krishnat Gurav	B.Sc-III	<u>S Gurav</u>
10.	Asmita Ramdas Bidkar	B.Sc III	<u>Bidkar</u>
11.	Swaranjali Mohan Kamble.	B.Sc-III	<u>Swaranjali Kamble</u>
12.	Chhakkali Ananda Kamble	B.Sc-III	<u>Chhakkali</u>
13.	Ankita Raghunath Jadhav	B.Sc (I)	<u>ARJ</u>
14	Aarati Sunil Jadhav.	B.Sc (I)	<u>Aarati Jadhav</u>
15	Rutika Balasaheb Gangadhare	B.Sc III	<u>Rutika Gangadhare</u>
16	Namrata Ajit Khot	B.Sc III	<u>N.A. Khot</u>
17)	Tropti Sanjay Patil.	B.Sc III	<u>Tropti Patil</u>
18)	Anuja Sunil Chougule	B.Sc III.	<u>Anuja Chougule</u>
19)	Misba Ilyas Momin.	B.Sc III	<u>Momin</u>
20)	Shital Bhaat Jagtap	B.Sc I	<u>S. B. Jagtap</u>

- 21) Asifa Ramjan Mujawar B.Sc I A. Mujawar
- 22) Aaliya Altaf Mujawar B.Sc I A. Mujawar
- 23) Neha Namdev Kalantre. B.Sc I N. Kalantre
- 24) Ishwari Sadashiv Mahalik B.Sc I I. Mahalik
- 25) Safiya Mohammad Rajiq. Kavthekar (B.Sc I) S. Kavthekar
- 26) shreya Shahaji Patil (B.Sc I) C S. Patil



- 43) Aishwarya Ramchandra Kadam Bsc-III A.R. Kadam  
 44) Dhanashree Rajendra Gurav Bsc-III D. Gurav  
 45) Gayatri Vikas Kamatkar Bsc-III V. Kamatkar  
 46) Sayali Namdev Mane Bsc-III S. Mane

Sl. No.	Name	Class	Sign
1]	Sanika P. Heble	BSc I	<u>Heble Sanika</u>
2]	Poonam Manik Ghule	BSc-I	<u>P. Ghule</u>
3]	Shila Thavara Jadhav	Bsc F	<u>Jadhav</u>
4]	Harsha Babaso Kambale	BSC-I	<u>H. Kambale</u>
5)	shital satappa chougale	Bsc-III	<u>S. Chougale</u>
6)	Vaibhavi Sambhaji Patil.	BSC-III	<u>V. Patil</u>
7)	VARSHA PANDURANG MULIK	B.Sc. III	<u>V. Mulik</u>
8)	Smita Sardar Patil	B-sc-III	<u>S. Patil</u>
9]	Amruta Anil Shingare	B-SC-III	<u>A. Shingare</u>
10]	Pratiksha Sadanand Gadage.	B. Sc - III	<u>P. Gadage</u>
11]	Amsuta Ashok Parit.	B.sc-III	<u>A. Parit</u>
12]	Tejaswini Vitthal Padaval.	B.Sc - III	<u>T. Padaval</u>
13]	Kajal Rajaram Warkar	B. Sc. III	<u>K. Warkar</u>
14)	Nikam Amisha Suresh	B. Sc. III	<u>N. Nikam</u>
15)	Tejaswini Bajirao Tambekar	BSc. III	<u>T. Tambekar</u>
16)	Shweta Maruti Patil	B.Sc. III	<u>S. Patil</u>
17]	Patil Vaishnavi Yuvraj	B.S.C. I	<u>V. Patil</u>
18)	Bhosale Vasudha Subhash	B.SC. III	<u>B. Bhosale</u>
19)	Patil Sarika Sahadev	Bsc I	<u>S. Patil</u>
20)	Patil Nilam Vijay	B-SC-III	<u>N. Patil</u>

21) Trupti Ramnath Kumbhar Bsc-III T. Kumbhar  
 22) Aishwaraya. A. More BSC-III A. More

23] Priyanka Bhanubhanu Kanale Bsc-I P. B. Kanale

24] Rutuja Narayan Khanchekar Bsc-I R. Khanchekar





“Education for Knowledge, Science, and Culture”  
-Shikshanmaharshi Dr. Bapuji Salunkhe  
VIVEKANAND COLLEGE, KOLHAPUR  
(AUTONOMOUS)  
INTERNAL QUALITY ASSURANCE CELL  
2019-2020



### Quality Initiatives/ Activities Report

1. **Name of Department:** Chemistry
2. **Name of Organized Activity:** Guest lecture on Soil Analysis
3. **Date Duration:** Thursday, 29-08-2019
4. **Aims and Objectives:**
  - To understand the objective of soil sampling is to obtain reliable information about a particular soil. The value of laboratory data in soil studies largely depends on effective sampling.
  - Soil sampling is one of the most important aspects in the determination of the properties of the soil.
  - Care in preparation and analysis can overcome the damages of careless or inappropriate sampling in the field. Errors arising from sampling are mainly related to spatial variability of the soil.
  - Students should know, while keeping in mind financial constraints, sampling procedures should be adopted properly to minimize the influence of spatial variability and to maximize the accuracy of mean plot values for the measured soil variables.
  - The obtained soil data should be representative for the whole observation plot, taking into consideration the spatial variability of the soil within the plot.
5. **No. of beneficiaries:**
  - No participants = 110
  -
6. **Expenditure & funding agency:** Vivekanand College, Kolhapur
7. **Brief Description:** The department of chemistry organized ‘Guest lecture on Soil analysis’ for undergraduate & postgraduate students. The chief guest Mr. M.V. Latkar (Kolhapur District Soil Survey & Analysis Officer Kolhapur). Latkar sir motivated the students; give brief information about evaluation of fertility status of soil, estimation of the available nutrients status of soil, evaluation of the suitability of soil for laying garden, determination of acidity, salinity and alkalinity problems and recommendation of the required amount of fertilizers, lime or gypsum based on soil test value.  
Dr. D. B. Patil (Head of the Department of chemistry) also expressed views in terms of soil analysis. The vote of thanks was proposed by Mr. A.T.Mane.

8. **Outcomes:**

The students benefited from this lecture & understand that Soil analysis is a valuable, farm practice that determines the exact amount of available crop nutrients in the soil. It also provides a visible snapshot of various chemical, physical, and biological soil properties

10. **Signatures of coordinator/ organizer:**



Dr. D. B. Patil

**Head of Department**  
**HEAD**  
**DEPARTMENT OF CHEMISTRY**  
**VIVEKANAND COLLEGE, KOLHAPUR**  
**(AUTONOMOUS)**

# Guest Lecture on Soil & Water Analysis ⑥



Felicitation Ceremony

# Guest Lecture on Soil & Water Analysis

62

