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Chhatrapati Shivaji Shikshan Mandal, Vaduj's

DADASAHEB JOTIRAM GODSE ARTS, COMMERCE, SCIENCE COLLEGE

VADUJ Tal. Khatav Dist. Satara Pin. 415 506 (Maharashtra)

Ph.No. (02161) 231315

www.djgacscvaduj.org e_mail Address - artscomcollegevaduj@gmail.com

(Affiliated to Shivaji University, Kolhapur)

NACC RE-ACCREDITED : B

CHAIRMAN : Shri. Dadasaheb Jotiram Godse

Date: 1 OCT 2021

Outward No.

Invitation

Dr. Sangale M.D.
Assistant Professor
SSGM College, Kopargaon

Sub:- Invitation in the National Webinar
Ref:- Telephonic Talk

Dear respected Sir,

It gives us immense pleasure to invite you as key Note Speaker in the National Webinar on the Theme "RECENT TRENDS IN Chemistry syanthasis and of metal properties complex" on 13/10/2021 at 1.15 P.M.

You are expected to join in ONLINE MODE on ZOOM APP. This online academic event is being organized by Department of Chemistry and the IQAC of our College.
Thank you.

Yours,

Date:- 11 OCT 2021

Place:- vaduj




Principal
Dadasaheb Jotiram Godse
Arts, Commerce, Science College, Vaduj
Tal. Khatav, Dist. Satara (MH)

OUR INSPIRATION



Chh. Shivaji Shikshan Mandal's
DADASAHEB JOTIRAM GODSE
ARTS, COMMERCE, SCIENCE COLLEGE,
VADUJ.

Tal-Khatav, Dis-Satara



DEPARTMENT OF CHEMISTRY, ZOOLOGY & IQAC ORGANIZE
TWO DAYS NATIONAL WEBINAR SERIES ON
RECENT TRENDS IN CHEMISTRY, SYNTHESIS AND PROPERTIES OF METAL COMPLEX
RECENT TRENDS IN ZOOLOGY

Date: 12th & 13th Oct. 2021 Time: 12:30 pm

EMINENT SPEAKERS



Dr. M.D. Sangale
Associate Professor
SSGM College,
Kopergaon



Dr. R.V. Kshirsagar
Vice Principal & CEO
Modern College of Arts
Science and Commerce,
Pune



Dr. A.J. Khandagle
Principal
Ramkrushna More
college. Akurdi
Chairman BOS IN ZOOLOGY
SPPU

Convenor

MR. J.V.Bagal
Head Department of Chemistry
Miss J.N.Patil
Head Department Of Zoology

Organizing Secretary

Dr. S.G. Kamble
IQAC Coordinator

OUR GUIDE



Dr. S.B. Patil
Principal
DJGACS
COLLEGE.
Vaduj

Registration link-
zoology-<https://forms.gle/x3GRCPNETq1KKDdq6>
Chemistry- <https://forms.gle/cKSJ8BF98TrqFbUo7>

Chh .shivaji shikshan mandal

**DADASHAB JOTIRAM GODSE ART S ,COMMERCE,SCIENCE COLLEGE
VADUJ**

Notice

Date:11/08/2021.

Time :1.30 pm

All students are informed that attend one day National Webinar "**RECENT TRENDS IN CHEMISTRY ,SYNTHESIS AND PROPRTIES OF METAL COMPLEX** " which organized by department of chemistry on the 13/08/2021 at time 1.30 pm attendance is complusory for all the students.

So all students are requested to attend this webinar link will be share 5 min before webinar.

Chhatrapati Shivaji Shikshan Mandal ,vaduj

**DADASAHEB JOTIRAM GODSE ARTS,COMMERCE,SCIENCE
COLLEGE**

Vaduj tal – khatav dist- satara . (Maharashtra)

DEPARTMENT OF CHEMISTRY & IQAC.

organize

One-Day National Webinar

*"Recent Trends in Chemistry syanthasis and of metal properties
complex"*

DATE-13th October, 2021, (Tuesday) Time: 1.15 P.M.

WELCOME - Dr. Gire S.M.

INTRODUCTION OF THE PROGRAMME- Dr. Gire S.M.

INTRODUCTION OF CHIEF GUEST- Nandgaokar P.S.

SPEECH - Dr.SANGALE M.D.

Associate Professor

SSGM, College, KOPARGAON

PRESIDENTIAL ADDRESS – Dr. Patil, S.B.

PRINCIPAL

Dadasaheb Jotiram Godse Arts, Commerce, Science College, Vaduj.

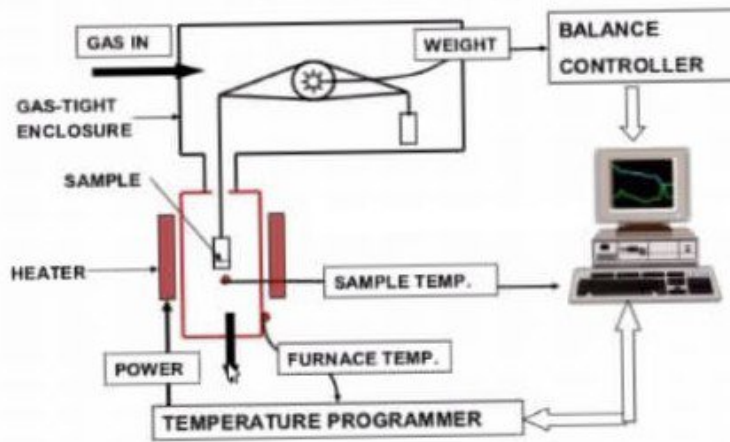
VOTE OF THANKS Nandgaokar P.S.

ANCHORING - Dr. Gire S.M.



TGA ANALYSIS

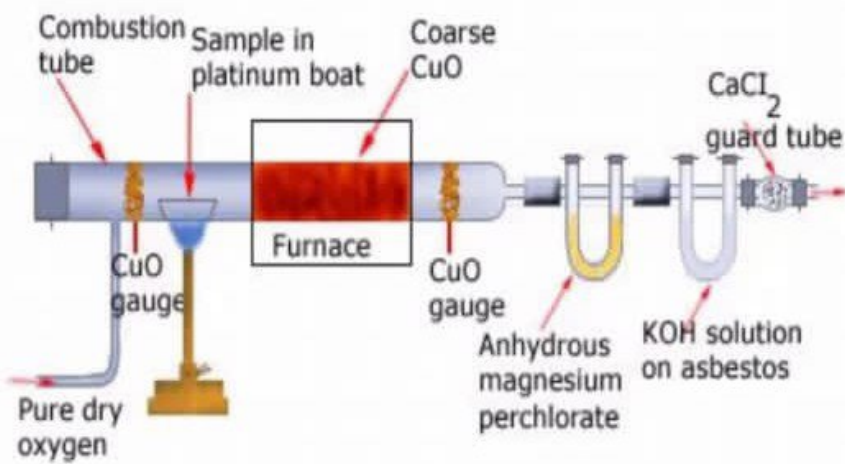
instrumentation



LIVE



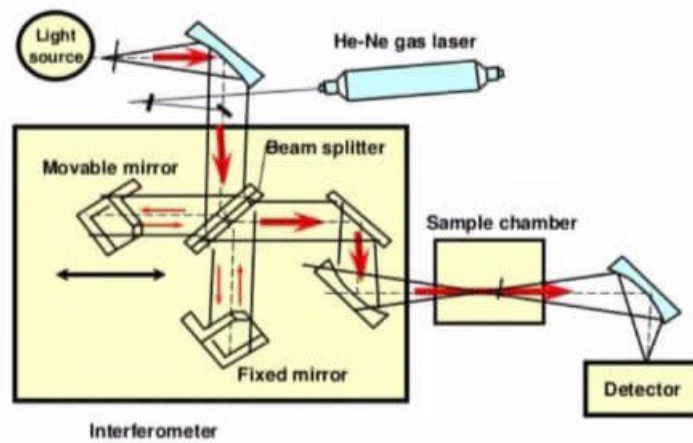
Combustion apparatus for estimation of Carbon and Hydrogen



LIVE



FTIR Instrumentation





LIVE



Infrared spectral bands and their probable assignments for tartarate precursor

Bands for cm^{-1} $\text{NdCo}(\text{C}_4\text{H}_4\text{O}_6)_2 \cdot 7\text{H}_2\text{O}$	Assignments
3377 (s)	$\nu_{\text{asy}} \text{HOH}$
1603 (s)	$\nu_{\text{asy}} (\text{C}=\text{O})$
1369 (s)	$\nu_{\text{sy}} (\text{C}=\text{O}), \nu (\text{C}-\text{C})$
1290 (m)	$\nu_{\text{sy}} \text{C}-\text{O} (\text{carboxyl})$
1236 (m)	$\nu_{\text{asy}} \text{C}=\text{O}$
1117 (m)	$\nu_{\text{C-O}} (\text{alcohol})$
1070 (m)	$\nu_{\text{C-O}} (\text{alcohol})$
932 (w)	$\nu_{\text{sy}} (\text{C}-\text{O}), \delta (\text{O}-\text{C}-\text{O})$
885 (w)	$\nu_{\text{C-H}} \text{wag}$
723 (m)	$\nu_{\text{sy}} \text{C}-\text{C}$
636 (m)	$\nu_{\text{H-O-H}}$
530 (m)	$\nu_{(\text{m}-\text{O})}, \nu_{(\text{C}-\text{C})}$



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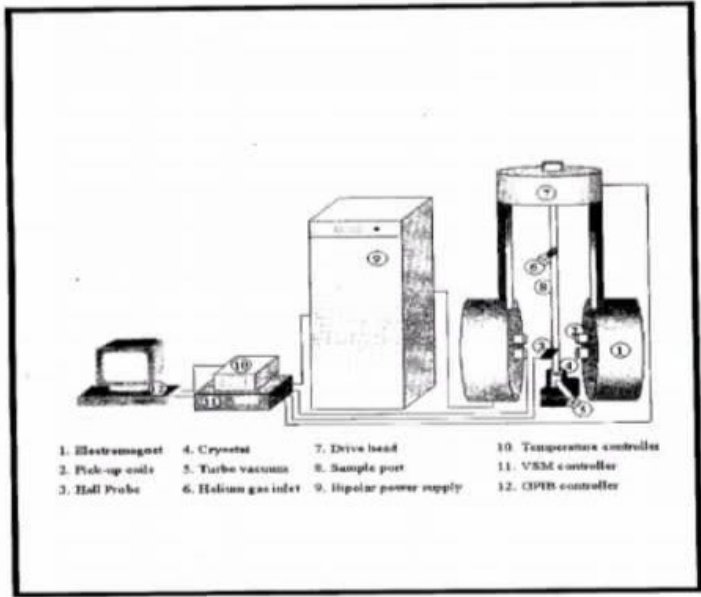
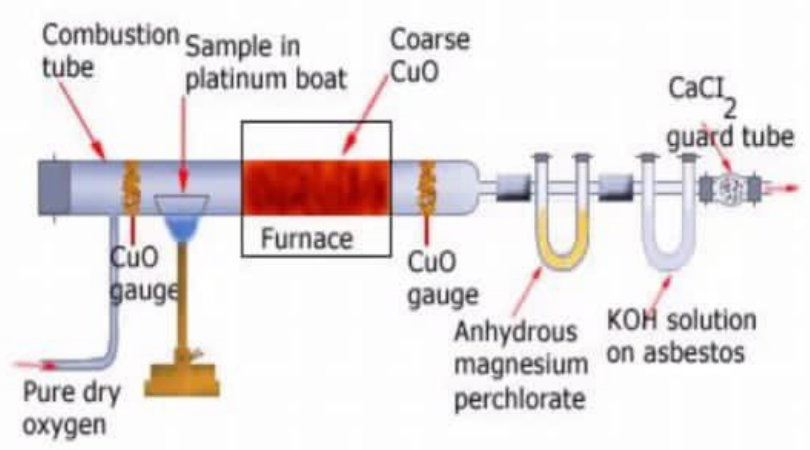


Fig. 3. Vibrating sample magnetometer.

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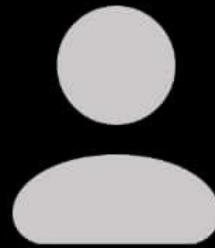
Combustion apparatus for estimation of Carbon and Hydrogen



REC LIVE



Shivkumar Agrawal



Anil waghmode



Rani Dhembare



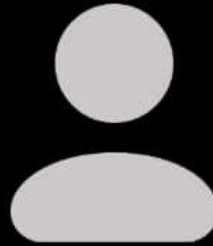
Rakshanda Yadav



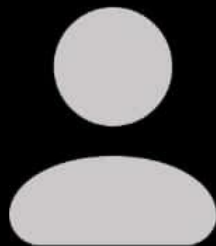
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Dr. S. B. Patil



Dr. Ravindra Kshirsagar Vice Prin...

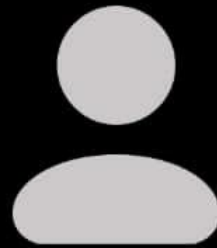
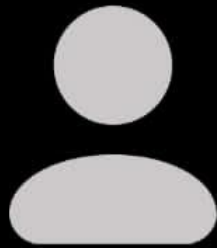


Vasundhara Arkad

Ranjit More



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Bharari bedil mane



Rajendra Garge

Dr. Savita Kenjle



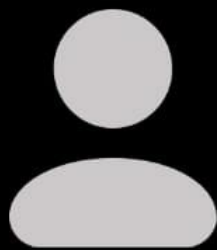
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Sunil Kamble




Mubeen Shaikh



 Kharade Dhanashri Sanjay



 Dr. B. A. Pawar



organized by Dept. of Chemistry and the IQAC of our college.



savita gire



Dr. S. B. Patil



Mohan Sangale



Bagal J.V.

zoom



zoom



। न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ।

Estd 1995

Chhatrapati Shivaji Shikshan Mandal, Vaduj's

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CHAIRMAN : Shri. Dadasaheb Jotiram Godse

Outward No. *DGJ/AC/20-21/eman*

Date : *14 OCT 2021*

Letter of Appreciation

To,

Dr. M. D. Sangale
Associate Professor,
S. S. G. M. College
Kopargaon.

Sub : Appreciation and Thanks.

Respected Sir,

It gives us immense pleasure to put on record, our sincere thanks towards you for being the Resource Person in National Level Webinar on **Recent Trends in Chemistry, Synthesis & Properties of Metal Complex** organized by the Department of Zoology and the IQAC of our college on 13/10/2021 in virtual mode.

Definitely, the faculty and students are pleased and motivated by your scholarly talk on **Recent Trends in Chemistry, Synthesis & Properties of Metal Complex**. We expect the same rapport in future also.

Thanking you,

Date : *14 OCT 2021*

Place : *Vaduj*

Yours,

[Signature]
Principal

Dadasaheb Jotiram Godse
Arts, Commerce, Science College
Tal. Khatav, Dist. Satara
Principal



**DADASAHEB JOTIRAM GODSE ARTS, COMMERCE,
SCIENCE COLLEGE, VADUJ**

Tal-Khatav, Dis-Satara

DEPARTMENT OF CHEMISTRY



CERTIFICATE

This is Certify

that-----of-----

Participated in the One Day National Seminar on "Recent Trends in Chemistry
Synthesis and Properties of Metal Complex" organized by Dept.of Chemistry and
the IQAC of our College.

Dr.S.G.KAMBLE
Organizing secretary

Mr. J.V.BAGAL
CONVENOR

Dr.S.B. PATIL
Principal