

To,  
The Principal,  
Vinayak Vidnyan Mahavidyalaya,  
Nandgaon Khandeshwar.

**Subject: Seeking permission to organize one day guest lecture for the class B.Sc. Part III (Chemistry) Students on 31<sup>st</sup> July, 2021.**

Respected Madam,

With reference to the above-mentioned subject, department of Chemistry wishes to organize one day guest lecture on the topic “**Metal Carbonyl**” for the students of **B.Sc. Part III (Chemistry) on 31<sup>st</sup> July, 2021 from 01.30PM onwards**. This type of activity will help the students to enrich their subject knowledge and ultimately develop their interest in the subject.

Guest speaker for this one-day guest lecture is **Dr. Swapnil D. Bhagat, Assistant Professor, KPT Art, Science and Commerce College, Manora**. This activity is covered under the MoU signed between Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar and KPT Art, Science and Commerce college, Manora.

**Date: 28.07.2021**

**Place: Nandgaon Kh.**

*permission granted*

*Bluis*  
PRINCIPAL  
VINAYAK VIDNAYAN MAHAVIDYALAYA  
NANDGAON KH. DIST. AMRAVATI.

Your Faithfully

*NPadole*

Mr. Nilesh S. Padole  
Head and Assistant Professor  
Department of Chemistry





SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED

**Pravin Khodke Memorial Trust's**  
**Vinayak Vidnyan Mahavidyalaya**  
Tq. Nandgaon Khandeshwar, Dist. Amravati

INVITATION

TO

Dr. Swapnil Bhagat,

Assistant Professor,

M.S.P. Art. Science and K.P.T. Commerce College,

Manora.

Subject: Invitation for the online Guest Lecture on the topic "Metal Carbonyl" at Vinayak Vidnyan Mahavidyalaya, Nandgaon (Khandeshwar).

Dear Sir,

It gives us an immense pleasure to invite you as a guest speaker for the online guest lecture on the topic "Metal Carbonyl" at Vinayak Vidnyan Mahavidyalaya Nandgaon (Khandeshwar) for the students of B.Sc. part III (Chemistry), on 31<sup>st</sup> July 2021, Time: 01:30 PM onwards.

We hope you will accept our invitation and share your knowledge with us.

Thanking you!

Date: 28.07.2021

Place: Nandgaon Khandeshwar

Yours Sincerely

Dr. Alka A. Bhise

Principal

Vinayak Vidnyan Mahavidyalaya,  
Nandgaon (Khandeshwar)

**PRINCIPAL**

**VINAYAK VIDNAYAN MAHAVIDYALAYA**  
NANDGAON KH. DIST. AMRAVATI





SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED  
**Pravin Khodke Memorial Trust's**  
**Vinayak Vidnyan Mahavidyalaya**  
Tq. Nandgaon Khandeshwar, Dist. Amravati

Date 31.07.2021

APPRECIATION LETTER

TO

Dr. Swapnil D. Bhagat,

Assistant Professor,

M.S.P. Art. Science and K.P.T. Commerce College,

Manora.

We are very much thankful to you for accepting our invitation and delivering an online Guest Lecture on the topic "**Metal Carbonyl**" for the students of B.Sc. Part III (Chemistry) on **31<sup>st</sup> July 2021** through ZOOM platform.

Your lecture has proved to be very beneficial for our students.

Thanking you,

Mr. Nilesh S Padole  
Head and Assistant Professor  
Department of Chemistry

Principal

Dr. Alka A. Bhise  
Vinayak Vidnyan Mahavidyalaya  
Nandgaon Khandeshwar  
**PRINCIPAL**  
**VINAYAK VIDNAYAN MAHAVIDYALAYA**  
**NANDGAON KH. DIST. AMRAVATI**





SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED  
**Pravin Khodke Memorial Trust's**  
**Vinayak Vidnyan Mahavidyalaya**  
Tq. Nandgaon Khandeshwar, Dist. Amravati

DATE: 28.07.2021

## DEPARTMENT OF CHEMISTRY

### NOTICE

All the faculty members of department of Chemistry are hereby informed that, we are going to organized one day guest lecture on the topic "Meta Carbonyl" on 31<sup>st</sup> July,2021 from 01.30 PM onwards. To discuss the points regarding this, there will be meeting in the department of chemistry on 29<sup>th</sup> July 2021 at 3PM.

#### Agenda of the meeting

1. To prepare required documentation for the event.
2. To prepare flyer for the event.
3. To prepare registration and feedback link for the event.
4. Circulate the message among the students of B.Sc. Part III (Chemistry) students.

Please consider this notice and be there to attend the aforementioned meeting in the department of chemistry on 29<sup>th</sup> July 2021 at 3PM.

1. Dr. Kavita P. Kakade

2. Dr. Vinod M. Sherekar

**Mr. Nilesh S. Padole**  
Head and Assistant Professor  
Department of Chemistry





SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED  
**Pravin Khodke Memorial Trust's**  
**Vinayak Vidnyan Mahavidyalaya**  
Tq. Nandgaon Khandeshwar, Dist. Amravati

DATE: 29.07.2021

## DEPARTMENT OF CHEMISTRY

### Minutes of Meeting

The meeting was held on 29<sup>th</sup> July 2021 at 3PM in the department of chemistry, following points were discussed and finalized in the meeting.

#### Minutes of Meeting

1. **Mr. Nilesh S. Padole** had taken responsibility to prepared all the documents required for the event.
2. **Mr. Nilesh S. Padole** had taken responsibility to prepared flyer for the event.
3. **Dr. Kavita P. Kakade** had taken the responsibility to prepared registration link and feedback kink for the events.
4. **Dr. Kavita P. Kakade** had taken the responsibility to circulate the message among the students of B.Sc. Part III (Chemistry).

The meeting was attended by the following personnel

1. **Dr. Kavita P. Kakade**

**Mr. Nilesh S. Padole**  
**Head and Assistant Professor**  
**Department of Chemistry**





SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED  
**Pravin Khodke Memorial Trust's**  
**Vinayak Vidnyan Mahavidyalaya**  
Tq. Nandgaon Khandeshwar, Dist. Amravati

DATE: 29.07.2021

**DEPARTMENT OF CHEMISTRY**  
**NOTICE**

All the students of B.Sc. part III (Chemistry) are hereby informed that, department of Chemistry is going to organized one day guest lecture on the topic "Meta Carbonyl" on 31<sup>st</sup> July, 2021 from 01.30 PM onwards.

Guest lecture will be conducted on ZOOM online platform. To attend the online guest lecture, it is mandatory to do registration on or before 30.07.2021. Registration Link as well as session link will be share on chemistry what's app group only.

**Mr. Nilesh S. Padole**  
**Head and Assistant Professor**  
**Department of Chemistry**



Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar

Department of Chemistry


One day online Guest Lecture on "Metal Carbonyl "

Date : 31.08.2021 Time:01.30 PM Onwards

Registration of the students for the guest lecture

Sr.No	Name of Student	Class	Moblle Number	Date
1	Pritam Ganesh Giratkar	BSc Part III	7264021382	29-07-2021
2	Pratiksha raju shinde	BSc Part III	7499146887	29-07-2021
3	Bhagyesh Vijayrao Dhanorkar	BSc Part III	8390507465	29-07-2021
4	Shivani Radhesham Jayswal	BSc Part III	9561774130	31-07-2021
5	Priya Ashokrao Shirke	BSc Part III	9503196322	29-07-2021
6	Arpit Ratnakar Belsare	BSc Part III	8459875649	29-07-2021
7	Vaishnavi bhojraj kakde	BSc Part III	9322452522	29-07-2021
8	Vaishnavi ganesh gidde	BSc Part III	7249712048	29-07-2021
9	Srushti Rajabhau Kanse	BSc Part III	9420927150	29-07-2021
10	Ankita Gulabrao Palekar	BSc Part III	9370119259	31-07-2021
11	GAURAV DEVENDRA MOHOD	BSc Part III	8459356979	30-07-2021
12	Pallavi Ulhas Thorat	BSc Part III	8010835817	30-07-2021
13	Tejaswini Ramesh Devtale	BSc Part III	7038986055	30-07-2021
14	Ranjana sahebrao admate	BSc Part III	7507843471	30-07-2021
15	Punam dilip chaware	BSc Part III	9405710883	31-07-2021
16	Shivani Babanrao mundwaik	BSc Part III	9423509080	31-07-2021
17	Shivani chhatrapati Giram	BSc Part III	8262985667	31-07-2021
18	Kajal Vilasrao Rithe	BSc Part III	8767774721	31-07-2021
19	Radha Namdeo Sonule	BSc Part III	9529340997	31-07-2021
20	Anjali shukanand wasewayya	BSc Part III	9021067318	31-07-2021
21	Snehal Rajesh chirde	BSc Part III	9823973796	29-07-2021
22	Noman Mohammad Ismail Mohammad	BSc Part III	7558494220	31-07-2021
23	Vaishnavi dnyaneshwar bhadke	BSc Part III	7499459834	31-07-2021
24	Sneha Arvind Borkar	BSc Part III	7498355754	31-07-2021
25	Ku.Pratiksha Sunilrao Bankar	BSc Part III	9767105741	31-07-2021
26	Damini Narayan Waghade	BSc Part III	7378707296	31-07-2021
27	Nikhil Suresh Mugal	BSc Part III	9561887992	31-07-2021
28	Pradnya Arun Nadgive	BSc Part III	7821912735	31-07-2021
29	Abusohail Naimuddin	BSc Part III	9075202567	31-07-2021
30	Kiran borkar	BSc Part III	7350157940	31-07-2021
31	Tabssum shaha	BSc Part III	9156376517	31-07-2021

Date: 02.08.2021

  
Mr. Nilesh S Padole  
Head of Department





SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED  
**Pravin Khodke Memorial Trust's**  
**Vinayak Vidnyan Mahavidyalaya**  
Tq. Nandgaon Khandeshwar, Dist. Amravati

## DEPARTMENT OF CHEMISTRY

### Activity Report

Date: 17.08.2021

- Name of the Activity** : "Online Guest Lecture"
- Guest Speaker** : Dr. Swapnil D. Bhagat, Assistant Professor, Department of Chemistry,  
M.S.P. Art, Science and K.P.T. Commerce, Manora.
- Topic** : "Metal Carbonyl"
- Organizer** : Department of Chemistry.
- Convener** : Dr. Vinod M. Sherekar, Assistant Professor, Department of Chemistry.
- Coordinator** : Mr. Nilesh S. Padole, Head and Assistant Professor, Department of  
Chemistry.
- Organizing Secretary** : Dr. Kavita P. Kakade, Assistant Professor, Department of Chemistry.
- Platform** : ZOOM.
- Duration** : 1 Days
- Date** : 31<sup>st</sup> July 2021, Saturday.
- Eligible Students** : All the students of B.Sc. Part III Semester VI with Chemistry subject.







SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED  
**Pravin Khodke Memorial Trust's**  
**Vinayak Vidnyan Mahavidyalaya**  
Tq. Nandgaon Khandeshwar, Dist. Amravati

**Activity Information:**

The department of Chemistry of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar had organized one day online guest lecture on the topic “**Metal Carbonyl**” for the students of class **B.Sc. Part III semester VI** on **31<sup>st</sup> July 2021** via online platform ZOOM.

The president for the program was respected **Dr. Alka A. Bhise, Principal**, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar. The guest speaker for the program was **Dr. Swapnil D. Bhagat**, Assistant Professor, Department of Chemistry, M.S.P. Art, Science and K.P.T. Commerce college, Manora. The program was started by welcoming all the guest by **Dr. Kavita P. Kakade**. Afterwards, **Mr. Nilesh S. Padole** had introduced guest speaker with students. Finally, president of program addressed the students and congratulate the department of Chemistry for the arrangement of this online guest lecture.

In next session, guest speaker had delivered a nice lecture on the topic “**Metal Carbonyl**” which covered all the aspects of the points related to carbonyl chemistry. During the online session, students also gave good positive response to the speaker by interacting with speakers. At last students arose question which were answered by the guest speaker.

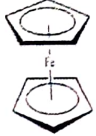
Total **27** students had participated in the online program. At the last half of the program, **Dr. Vinod M. Sherekar** had given the vote of thank.



SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED  
**Pravin Khodke Memorial Trust's**  
**Vinayak Vidnyan Mahavidyalaya**  
Tq. Nandgaon Khandeshwar, Dist. Amravati

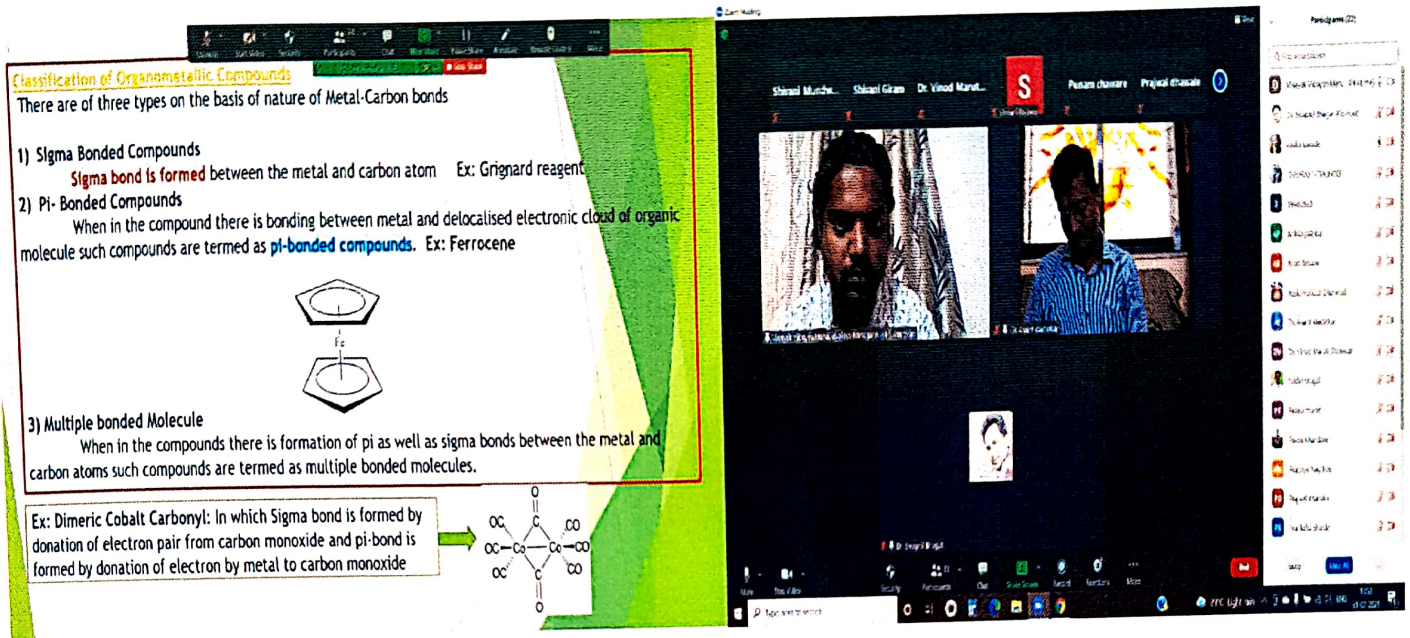
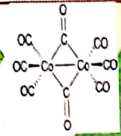
**Classification of Organometallic Compounds**  
There are of three types on the basis of nature of Metal-Carbon bonds

- 1) Sigma Bonded Compounds**  
Sigma bond is formed between the metal and carbon atom. Ex: Grignard reagent.
- 2) Pi-Bonded Compounds**  
When in the compound there is bonding between metal and delocalised electronic cloud of organic molecule such compounds are termed as pi-bonded compounds. Ex: Ferrocene



- 3) Multiple bonded Molecule**  
When in the compounds there is formation of pi as well as sigma bonds between the metal and carbon atoms such compounds are termed as multiple bonded molecules.

Ex: Dimeric Cobalt Carbonyl: In which Sigma bond is formed by donation of electron pair from carbon monoxide and pi-bond is formed by donation of electron by metal to carbon monoxide



Interactive session with students during online guest lecture

*Nish*  
**PRINCIPAL**  
VINAYAK VIDNYAN MAHAVIDYALAYA  
DIST. AMRAVATI  
Department of Chemistry

*Padole*  
**Mr. Nilesh S. Padole**  
Head and Assistant Professor  
Department of Chemistry



**VINAYAK VIDNYAN MAHAVIDYALAYA  
NANDGAON KH.**

**DEPARTMENT OF CHEMISTRY**

**ORGANIZE  
ONLINE GUEST LECTURE  
ON  
METAL CARBONYL**



**GUEST SPEAKER**

**Dr. Swapnil D. Bhagat  
Assistant Professor  
Department of Chemistry  
M.S.P. Arts, Science and K.P.T.  
Commerce College, Manora.**

**DATE:**

**31/07/2021**

**DAY**

**SATURDAY**

**TIME**

**01.30 PM ONWARDS**





**VINAYAK VIDNYAN MAHAVIDYALAYA  
NANDGAON KH.**

**DR. ALKA A. BHISE**

**PRINCIPAL**

**VINAYAK VIDNYAN MAHAVIDYALAYA  
NANDGAON KHANDESHWAR.**

**DR. VINOD M. SHEREKAR**

**CONVENOR**

**MR. NILESH S. PADOLE**  
**COORDINATOR**

**DR. KAVITA P. KAKADE**  
**ORGANIZING SECRETARY**

**ELIGIBLE STUDENTS: B.SC. PART III SEMESTER VI (CHEMISTRY)**

**ZOOM LINK: <https://us02web.zoom.us/j/87918506437>**

**REGISTRATION LINK:**

**[https://docs.google.com/forms/d/1W\\_Q2jKh4mTR5B4buz3xlzpa1nkTCfH4rdBPiivhSiAQ/edit](https://docs.google.com/forms/d/1W_Q2jKh4mTR5B4buz3xlzpa1nkTCfH4rdBPiivhSiAQ/edit)**





# VINAYAK VIDNYAN MAHAVIDYALAYA NANDGAON KH.

Sr. No	Event	Time	Guest/Speaker
1	Welcome of Guest	01.30 PM- 01.45 PM	1. Dr. Alka A. Bhise (Principal) 2. Dr. Swapnil Bhagat (Guest Speaker)
2	Introduction of Guest	01.45 PM- 02.00 PM	By Mr. Nilesh Padole (Head of Department)
3	Presidential Speech	02.00 PM- 02.15 PM	Dr. Alka A. Bhise Principal
4	Guest Lecture	02.30 PM- 03.30 PM	Dr. Swapnil Bhagat (Guest Speaker)
5	Vote of Thank	03.30 PM- 03.45 PM	Dr. Vinod M. Sherekar (Assistant Professor)

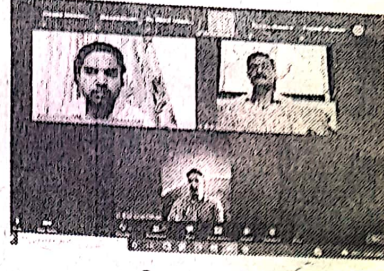


# विनायक विज्ञान महाविद्यालयात चर्चासत्र

पुण्य नगरी / तालुका प्रतिनिधी

नांदगाव खंडेश्वर : प्रवीण खोडके मेमोरियल ट्रस्टद्वारा संचालित विनायक विज्ञान महाविद्यालयाच्या रसायनशास्त्र विभागाच्या वतीने बीएस्सी भाग ३ च्या विद्यार्थ्यांसाठी 'मेटल कॅर्बोनील' या विषयावर एकदिवसीय गेस्ट लेक्चरचे आयोजन करण्यात आले होते.

या चर्चासत्रात रसायनशास्त्र विभागाचे साहाय्यक प्राध्यापक डॉ. स्वप्निल भगत यांनी अतिशय उत्कृष्ट पद्धतीने संपूर्ण विषय समजून सांगितला. विद्यार्थ्यांच्या प्रश्नांना उत्तर देत त्यांनी विद्यार्थ्यांचा ध्यानात भर पाडली. गेस्ट लेक्चर हे आभासी पद्धतीने झूम ॲपच्या माध्यातून करण्यात आले. कार्यक्रमाच्या



अध्यक्षस्थानी प्राचार्या डॉ. अलका भिसे, प्रमुख अतिथी डॉ. अनंत वडतकर यांची उपस्थिती होती. प्राचार्या डॉ. अलका भिसे यांनी विद्यार्थ्यांना मार्गदर्शन केले. भौतिकशास्त्र विभाग प्रमुख डॉ. अनंत वडतकर यांनीही मार्गदर्शन केले. प्रास्ताविक रसायनशास्त्र विभागप्रमुख नीलेश पडोळे यांनी केले. या कार्यक्रमाला ३० विद्यार्थ्यांची ऑनलाइन उपस्थिती होती. संचालन डॉ. कविता काकडे यांनी केले. डॉ. विनोद शिरेकर यांनी आभार मानले.

+ पुण्य  नगरी

# SMART

■ गुरुवार, १२ ऑगस्ट २०२१