

B L.D. E. Association's

**S. B. ARTS AND K. C. P. SCIENCE**  
**COLLEGE, BIJAPIJR**

**PG DEPARTMENT OF CHEMISTRY**

Report

on

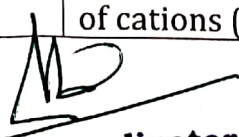
**CLASS SEMINARS**  
**BY STUDENTS**

**2019-20**

As a part of teaching learning process, seminars by the students is conducted. Following students have done seminar during the academic year 2019-20 in their regular theory classes.

**List of Students is as follows: M.Sc-III<sup>rd</sup> Semester**

<b>Date</b>	<b>Topics</b>	<b>Name of the student</b>
18.10.19	Quantum numbers of Electronic Spectra, R-S coupling & Microstate	Soumya Muttagi
19.10.19	Term symbols for $d^n$ ions, spectroscopic states	Pooja Sajjan
19.10.19	Selection rules for the electronic transitions	Akshata Marab
21.10.19	Orgal Diagram	Veeresh Kambi
22.10.19	Tanabe-Sugano diagrams	Amruta Kashetti
23.10.19	Racah parameters, interpretation of Spectra	B. S. Pattanashetti
04.11.19	Charge transfer bands-I	Archana Pattar
04.11.19	Charge transfer bands-II	Manjula Godihal
05.11.19	Magnetic properties of transition metal complexes: types of magnetic behavior, classical magnetism,	Tejaswini Pawar
06.11.19	orbital contribution, orbital contribution reduction factor, spin orbit coupling,	Meenaxi Hosamani
11.11.19	measurement of magnetic susceptibility - Gouy and Faraday methods, diamagnetic corrections.	Priya Karabhari
12.11.19	Magnetically non-dilute compounds-ferro,antiferro and ferri magnetic, spin cross-over systems, correlation of magnetic and structural properties.	Soumya Warad
13.11.19	Essential and trace elements, biological functions of biometals, active transport of cations (Na and K pump),	Yallur Santosh

  
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14.11.19	ionophores, different types of naturally occurring ionophores.	Leela Harijan
18.11.19	Metalloenzymes: metalloproteins as enzymes - carboxy peptidase, catalases, peroxidases	Aishwarya Sajjan
19.11.19	cytochrome P450, superoxide dismutase, copper oxidases	Deepa Kamble
20.11.19	vitamin B12, coenzyme, synthetic model compounds	Bibizahera Bevanur
25.11.19	Metals in medicine- metal deficiency (Fe, Mn, Cu and Zn),	Daneshvani Walimarada
26.11.19	chelation therapy & metal complexes as drugs.	Suvarna Gidaganti
27.11.19	Chlorophyll and its role in photosynthesis	Tabasum Badeghar
28.11.19	Transport and storage of dioxygen-hemeproteins, oxygen uptake, functions of haemoglobin,	Tejaswini Pawar
29.11.19	hemerythrin and hemocyanins, synthetic oxygen carriers.	Umarani Sachin

  
Principal,  
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BIJAPUR.

  
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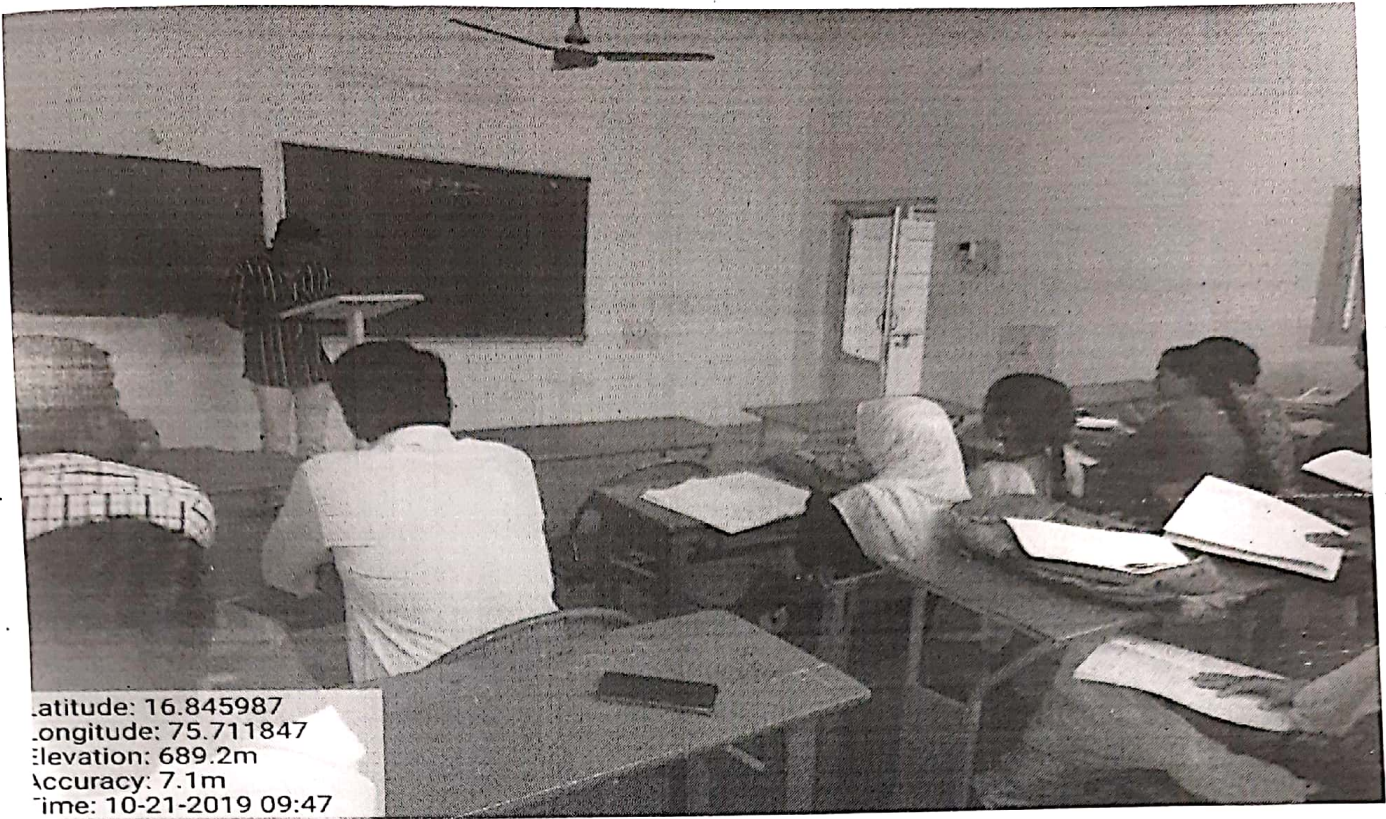
: Seminar Attendance:

Reg. No..	Student Name	Signature
CH182001	Aishwarya Sajjan	
CH182002	Akshata Marab	
CH182003	Amruta Kashetti	
CH182004	Archana Pattar	
CH182005	Bandavva Pattanashetti	
CH182006	Bibizahera Bevanur	
CH182007	Daneshvani Walimarada	
CH182008	Deepa Kamble	
CH182009	Leela Harijan	
CH182010	Manjula Godihal	
CH182011	Meenaxi Hosamani	
CH182012	Pooja Sajjan	
CH182013	Priya Karabhari	
CH182014	Soumya Muttagi	
CH182015	Soumya Warad	
CH182016	Suvarna Gidaganti	
CH182017	Tabasum Badeghar	
CH182018	Tejaswini Pawar	
CH182019	Umarani Sachin	
CH182020	Veeresh Kambi	
CH182021	Vijyalaxmi Meti	
CH182022	Yallur Santosh	

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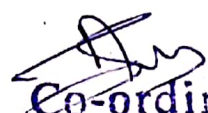



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Accuracy: 7.1m  
Time: 10-21-2019 09:47



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Elevation: 653.6m  
Accuracy: 4.0m  
Time: 10-21-2019 09:57

  
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## Students Seminar

22/10/19

Sl.N o	RCU No.	Name of the student	Signature
1	CH182001	Aishwarya Sajjan	
2	CH182002	Akshata Marab	
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15	CH182015	Soumya Warad	
16	CH182016	Suvarna Gidaganti	
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18	CH182018	Tejaswini Pawar	
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