



Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur

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2.2.1 The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Bridge Course 2022-23





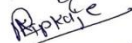

Department of Zoology

Minutes of meeting

Date: 28/07/2022

A Meeting to start a bridge course in subject Zoology was held on 28/07/2021(Thursday). It was decided that a Bridge Course in Zoology will be run by department of Zoology after one week of the completion of admission. In the meeting also decided to change curriculum of bridge course this year. It is decided that some special courses also advice for advanced, average and slow learner. The Main aim of the course is to provide the students basic understanding of zoological concepts and connecting Students with B.Sc. Zoology Course. It is decided to take exam of bridge course after the completion of course.

Signature

- 1) Dr. M.M. Shinkhede 
- 2) Dr. Z. N.kashmiri 
- 3) Dr. Y. V. Bhute 
- 4) Dr. P. C. Sonarghare 
- 5) Dr. K. R. Apkaje 
- 6) Dr. R. K. Marganwar 






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**Sindhi Hindi Vidya Samiti's
Dada Ramchand Bakhru Sindhu Mahavidyalaya
Department of Chemistry
Session 2022-2023
Bridge Course**

Aim and Objectives:

The objective of the "Bridge Course" is to explain what is expected of students in pre university level classes and to provide adequate foundation of the basic level about topics in chemistry to moderate level forming a bridge between the previous subject knowledge and the upcoming level so that students do not face any difficulty.

In charge
Chemical Society
B. G. Yadao



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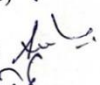

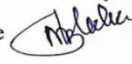





Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur. Department of Chemistry Session 2022-2023

Minutes of Meeting

Date: 21/07/2022

A meeting of Chemistry department was held on 21/07/2022 for the conduction of bridge course in chemistry. It was decided that a Bridge Course will be run by the Department of Chemistry in the month of August between dated 01/08/2022 to 05/08/2022 and the Test for bridge will be conducted based on the syllabus provided. The main aim of the course is to provide the information of basic concepts of chemistry which is related with B.Sc. Chemistry Course.

Signature

- 1) Dr. R. D. Sarkar (HOD) 
- 2) Dr. S. A. Mandavgane 
- 3) Dr. S. L. Dahire 
- 4) Dr. M. B. Thakre 
- 5) Dr. S. K. Kharkate
- 6) Mr. R. M. Naktode 
- 7) Dr. P. R. Mohobe 
- 8) Dr. H. C. Pandhurnekar 
- 9) Ms. B. G. Yadao 
- 10) Dr. D. M. Bhattacharya 




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**Sindhi Hindi Vidya Samiti's
Dada Ramchand Bakhru Sindhu Mahavidyalaya
Department of Chemistry
Session 2022-2023
Bridge Course**

Time -Table

Group	Time	01/08/2022	02/08/2022	03/08/2022	04/08/2022	05/08/2022
PCM	12.00 - 12.40 pm	Ms.B.G. Yadao	Ms.B.G. Yadao	Ms.B. G. Yadao	Dr.P.R. Mohobe	Dr.P.R. .Mohobe
CBZ	12.45 - 1.25 pm	Dr.P.R. .Mohobe	Dr.P.R. .Mohobe	Dr.H.C. Pandhurnekar	Ms.B.G. Yadao	Ms.B.G. Yadao
MBBC & MBBT	12.45 - 1.25 pm	Dr.H.C. Pandhurnekar	Dr.H.C. Pandhurnekar	Dr.D.M. Bhattacharya	Dr.D.M. Bhattacharya	Dr.D.M. Bhattacharya

For

H.O.D
Dr. R. D. Sarkar



Dr. R. D. Sarkar
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DADA RAMCHAND BAKHRU SINDHU MAHAVIDYALAYA, NAGPUR
DEPARTMENT OF ZOOLOGY

SESSION 2022-23

Curriculum for Bridge course

Curriculum contains four topics based on the syllabus of 11th and 12th standard form a bridge to undergraduate curriculum

Topic I: Kingdom Animalia

Classification, brief idea of five kingdom system,
Characteristic of animal classification,
General characters and classification up to classes (Invertebrates Phylum)

Topic II: Cell Structure and Organization

Grades of organization,
Comparative study of Prokaryotic and Eukaryotic cell,
Cell organelles in Prokaryotes and Eukaryotes

Topic III: Human Health and Disease

Basic concept of Immune system,
Pathogenic Protozoan's
Types of diseases

Topic IV: Ecology and Environment

Environment and its structure
Ecology and Ecosystem
Major causes of pollution

Topic V: Human Physiology

Digestion & Respiration
Excretion & Circulation
Reproduction

M. Singh



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Department of biochemistry

Syllabus of Bridge Course

Carbohydrates	General Functions, Classifications, Structure of monosaccharide and disaccharides & features. Stereoisomers, Ring structure of glucose. Chemical reactions of monosaccharide (oxidation, reduction, action of alkali, strong acid, osazones). Anomerism, Epimerism. Polysaccharides- structure and functions. Homopolysaccharides- starch, glucagon, cellulose, Heteropolysaccharides- chitin, Glycosamineglycans.
Lipids	Definition, Classification and general functions of lipids. Fatty acids- introduction, classification. Saturated & unsaturated fatty acids, essential & non-essential fatty acids. Triacylglycerol, Rancidity of fats, acid value, saponification value. Clinical significance of PUFA. Iodine number, Reichert-meissil Number
Proteins	Definition of proteins. Amino Acid- structure and classification (Based on polarity, functional groups, aromaticity, etc). Isoelectric pH, pKa value, peptide bond formation. Classification of proteins, structural organization – Primary structure, Secondary structure (α -helix and β sheets), Tertiary structure, Quaternary structure, denaturation & renaturation of proteins
Enzyme	Definition, Classification, active site, energy of activation, specificity, models of enzyme actions, lock and key and induced fit model and co-enzymes. Co-factors, Factors affecting enzyme action and its derivation. Enzyme inhibition in brief
Nucleic acid	- DNA as genetic material, chemical structures, Building units, nucleosides, nucleotides purines, pyrimidine. Structure of DNA- complementarity, antiparallel nature, hydrogen bonding, base stacking, Chargaff's rule. Replication of DNA in brief. Structure and function of m-RNA, r-RNA, t-RNA.
Biophysical techniques	Definition, Principles- Adsorption Chromatography, Partition Chromatography, Ion Exchange Chromatography, Gel filtration or Exclusion Chromatography, Affinity chromatography, High Pressure Liquid Chromatography. Electrophoresis, basic principles and Factors affecting electrophoresis. Centrifugation- Principles, Preparative Centrifugation, Density Gradient Centrifugation and application in sub cellular separation. Spectroscopic techniques- Basic Principles, visible and ultraviolet spectrometry.




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Immunology	Active & Passive Immunity, Organ & cells of the immune system & their functions. Nature & general properties of antibodies, Antibody reactions & antibody binding sites, Antibody specificity, Haptens, Basic structure of IgG, Brief account of other types of antibodies.
Reproduction	Structure and functions of Male and Female Sex Hormones
Endocrinology	Endocrine glands and their hormones

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Department of Zoology Session 2022-23

Bridge Course Exam for B.Sc. Semester I

Date-25/08/2022

Time: 1 hour

Instructions:-

- (1) There are total 30 Questions
- (2) All questions carry equal marks

Bridge Course Exam for B.Sc. Semester I Time: 1 hour Max. Marks:60

Cell Structure and Organization

1. The Cell theory is not applicable to

- Fungi
- Algae
- Virus
- Microbes

2. What is a cell?

- smallest and advanced unit of life
- smallest and basic unit of life
- largest and basic unit of life
- largest and advanced unit of life

3. This cell organelle does not contain DNA

- Nucleus
- Mitochondria
- Lysosomes
- Chloroplast

4. Extra chromosomal DNA in E. coli bacteria called as

- Plasmid
- Plastid
- Mesosome
- Chromoplast

M.S.J.

Department of Biochemistry



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(Bridge course)

B.Sc semester I(Biochemistry)

Session 2022-2023

1. This hormone is not secreted by Hypothalamus

- (a) PRH
- (b) **FSH**
- (c) CRH
- (d) TRH

2. This is not an endocrine gland

- (a) Adrenal
- (b) Pituitary
- (c) **Lacrimal**
- (d) Thyroid

3. Corpus luteum is the source of secretion of

- (a) LH
- (b) Estradiol
- (c) Estrogen
- (d) **Progesterone**




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**Sindhi Hindi Vidya Samiti's
Dada Ramchand Bakhru Sindhu Mahavidyalaya
Department of Chemistry
Session 2022-2023
Bridge Course**

SYLLABUS:

Unit-I :

Atomic Structure , Dalton model , Thomson's model , Rutherford model ,
Electronic Configurations, Examples.

Unit-II :

Periodic table and Periodic properties, Ionic bond , Covalent bond , Metallic bond

Unit-III :

Hydrocarbons , Types of organic reactions , Addition reaction, Substitution
reaction, Elimination reaction, Carbocation, Carbanion, Functional groups.

Unit-IV :

System, surrounding, Types of system, Reversible process, Irreversible process.,
Gas Laws, Rate of reaction, Order, Molecularity.

In charge
Chemical Society
B. G. Yadao



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DEPARTMENT OF COMMERCE

B. COM PART I

Dada Ramchand Bakhru Sindhu Mahavidyalaya

Nagpur

Report on Bridge Course Session 2022-23

DURATION : 8 working days. 1/08/2022 to 10/08/2022

Class:B.Com I

No.of students benefitted:278

The Bridge Course was taken for first year students (B.Com-I) to bridge the gap between subjects studied at Pre –university level and subjects they would be studying in the Institution.

AIM

To prepare the new entrants for the intellectual challenges of university education.

OBJECTIVES

- To bridge the gap between subjects studied at Pre –university level and subjects they would be studying in the Institution.
- To provide incoming students with the academic skills necessary to be successful in their college experience.
- To improve confidence of the slow learners to meet the knowledge requirements.
- To improve the preparation and ease the transition into college

Students are made aware of the basics of the following subjects:

- Basics of Accounting
- Introduction to Economics
- Introduction to Business Law
- Basics of Business Management

Following was **the course of action** taken to fulfill the objective of the bridge course:




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DEPARTMENT OF COMMERCE

BRIDGE COURSE TEST 2022-23



B COM SEM I

MM-40

NOTE:1. All questions are compulsory.

2.All questions carry equal marks.

Q1. Accounting provides data or information on

- A) Income and cost for the managers
- B) Financial conditions of the institutions
- C) Company's tax liability for a particular year
- D) All the above


Q1. लेखांकन डेटा या जानकारी प्रदान करता है

- ए) प्रबंधकों के लिए आय और लागत
- बी) संस्थानों की वित्तीय स्थिति
- सी) किसी विशेष वर्ष के लिए कंपनी की कर देयता
- डी) उपरोक्त सभी

Q 2 The assets that can be easily converted into cash within a short period, i.e., 1 year or less are known as

- A) Current assets
- B) Fixed assets
- C) Intangible assets




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• Contact Hours

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Dr. Rahul L. Meshram

Assistant Professor and Head
Mobile No:9860775614

Email: drbsmvbiochemistry@gmail.com



Dr. (Mrs) Damini R. Motwani
Assistant Professor
Mobile No: 9970999562

Email: daminimotwani7@gmail.com

- Students are advised to contact Teachers to solve their Difficulties.
- Students are advised to seek any helpline numbers at convenient timing (10.00am to 5.00pm)




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DEPARTMENT OF ZOOLOGY

CONTACT HOURS

Session 2022-23

Sr. No.	Name	Designation	Phone Number/ E-mail ID
1.	Dr. Milind M. Shinkhede	Head of the Department	09420083936 milind_shivranjani@yahoo.com
2.	Mrs. Zeenat N. Kashmiri	Assistant Professor	09823325698 zkashmiri77@gmail.com
3.	Dr. Yogesh V. Bhute	Assistant Professor	09970286568 ybhute@yahoo.co.in
4.	Dr. P.C. Sonarghare	Assistant Professor	09960384890 sonargharep@yahoo.com
5.	Dr. Kavita Apkaje	Assistant Professor	09975363265 Kavitamurkute30@gmail.com
6.	Dr. Ragini Marganwar	Assistant Professor	08793427286 ragini14102gmail.com

Students can contact the above faculty members for their difficulties between 1.00 pm to 2.00 pm in department of Zoology on week days.


Head of the Department




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DADA RAMCHAND BAKHRU SINDHU MAHAVIDYALAYA DEPARTMENT OF MICROBIOLOGY

Contact Hours and Helpline Numbers

Department Email : drbsmvmicrobiology@gmail.com



Dr (Mrs) SUJATA A. MANKAR
Assistant Professor & Head
Mobile +919881084246
Email: drsujatamankar@gmail.com



Dr (Mrs) ANITA M. CHANDAK
Assistant Professor
Mobile : +919822731866
Email: anitamchandak@gmail.com

- Students are advised to contact teacher to solve their difficulties
- Students are advised to seek any helpline numbers at convenient timings.
- Convenient timing 10:00a.mupto 6:00p.m



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• Mentor mentee activity



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Mentor Mentee Meet

On 29th March (Wednesday) 2023, Mentor Mentee Meeting (2022-23) was held for Department of Biochemistry in Biochemistry lab. All Mentee students were welcomed and asked for any kind of problems if they have. Many students had asked questions regarding their academic syllabus, examination and also they seek guidance for their career choices in the future. Mentees university examination results were asked and guided by mentor to improve it. Students also instructed about the upcoming intercollegiate competition and motivated to participate in it. Meeting allowed the students to have a one on one conversation with their mentor students are satisfactory about the meet.




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Department of Biochemistry

Activities carried out for mentees

1. At the beginning mentoring session is conducted in which mentees enjoy a lot, give a small talk update on their lives, projects and objectives.
2. WhatsApp group is prepared and some mentoring is done telephone, which is short but effective.
3. Every month a mini mentoring session is conducted.
4. Mentor and mentee work in the form of a team.
5. Mentees are given needful book for studies.
6. Mentees are prepared for various task like how to introduced themselves, how to solve problems, how to face difficulties etc.
7. Mentees are prepared for various competitions like quiz, Power point presentation, debate etc.
8. Mentees are given feedback/incentives positive or negative to build confidence.




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Department of Biotechnology

Mentor Mentee Meetings

Two Mentor Mentee meetings dated on 4th March and 10th April 2023 , were conducted where all mentees contributed their opinion as well as difficulties and accordingly solutions were discussed by mentors.



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• Students Participatory Activity

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NAAC Criterion II –Teaching-learning and Evaluation
Session 2022-23
Department of Zoology
Activities for average and advance learners

Sr. No	Name of Student	Details of Competition Date	Inter-collegiate	Intra-collegiate	Prize/Participation/Consolation
1	Moiz sheikh (Bsc sem VI)	(2 nd to 8 th October)	Shri shivaji science college, Nagpur	-	2 nd prize in Photography Competition organized by Department of Zoology.
2	Moiz sheikh (Bsc sem VI)	(2 nd to 8 th October)	Inter collegiate wildlife Photography Competition organized by Department of Zoology DRB Sindhu Mahavidyalaya Nagpur.	-	1 st prize in Photography Competition organized by Department of Zoology.
3	Umme Habiba (Bsc sem. II)	26/11/2022	Online National Level Quiz Competition in G.S. College, Nagpur	-	Participation
4	Tamanna Firdous Ansari (Bsc sem II)	9/03/2023	Power point presentation competition in ST. Fransis de sales college, Seminary Hills, Nagpur	-	Participation
5	Tamanna Firdous Ansari (Bsc sem II)	27 th and 28 th February 2023	-	Power point presentation competition on the occasion of National Science Day in the DRB Sindhu Mahavidyalaya, Nagpur.	1 st Prize
6	Moiz Sheikh (Bsc sem VI)	27 th and 28 th February 2023	-	Poster competition on the occasion of National Science Day in the DRB Sindhu Mahavidyalaya, Nagpur.	Participation

M.S.



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	Himanshu Dhakate (Bsc sem VI)	27 th and 28 th February 2023	-	Model making competition on the occasion of National Science Day in the DRB Sindhu Mahavidyalaya	Participation
	Madeeha Afreen (Bsc sem. II)	27 th and 28 th February 2023	-	Poster competition on the occasion of National Science Day in the DRB Sindhu Mahavidyalaya, Nagpur.	Participation
9	Sharda Shahu (Bsc sem. II)	27 th and 28 th February 2023	-	Poster competition on the occasion of National Science Day in the DRB Sindhu Mahavidyalaya	Participation
10	Nandini Ninave (Bsc sem. II)	27 th and 28 th February 2023	-	Poster competition on the occasion of National Science Day in the DRB Sindhu Mahavidyalaya	Participation
11	Sarwar Malik (Bsc sem VI)	27 th and 28 th February 2023	-	Poster competition on the occasion of National Science Day in the DRB Sindhu Mahavidyalaya	Participation
12	Swapnil Dongre (Bsc sem VI)	27 th and 28 th February 2023	-	Poster competition on the occasion of National Science Day in the DRB Sindhu Mahavidyalaya	Participation
13	Sakshi Choube (Bsc sem. II)	27 th and 28 th February 2023	-	Poster competition on the occasion of National Science Day in the DRB	Participation

M.P.C.T.



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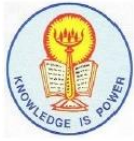


			Sindhu Mahavidyalaya	
	Sabreen Mansoori (Bsc sem VI)	27 th and 28 th February 2023	Poster competition on the occasion of National Science Day in the DRB Sindhu Mahavidyalaya	Participation
15	Nandika Vishwakarma (Bsc sem VI)	27 th and 28 th February 2023	Poster competition on the occasion of National Science Day in the DRB Sindhu Mahavidyalaya	Participation
16	Achal Katkar (Bsc sem VI)	27 th and 28 th February 2023	Poster competition on the occasion of National Science Day in the DRB Sindhu Mahavidyalaya	Participation
17	Swayam Shambarkar (Bsc sem. II)	27 th and 28 th February 2023	Poster competition on the occasion of National Science Day in the DRB Sindhu Mahavidyalaya	Participation
18	Kshitij Deshbratar (Bsc sem VI)	27 th and 28 th February 2023	Model making competition on the occasion of National Science Day in the DRB Sindhu Mahavidyalaya	Participation
19 20 21 22 23 24 25 26 27 28 29 30	Swpnil Dongre Pallavi Shindmore Moiz Shikh Himanshu Dhakate Karishma Khavse Sumedha Lonare Janvi Ninave Harsh Kurve Chandrashekar Satpute Dipika Nikhare Sabreen Mansoori	23 April to 30 April 2023	Vigyan Bharti Vidarbh Pradesh Madal Vigyan Sanskar Shibir	participation

M.C.P.



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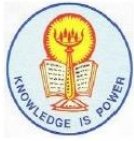
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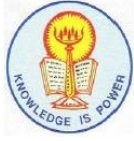


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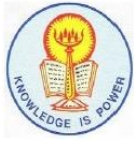


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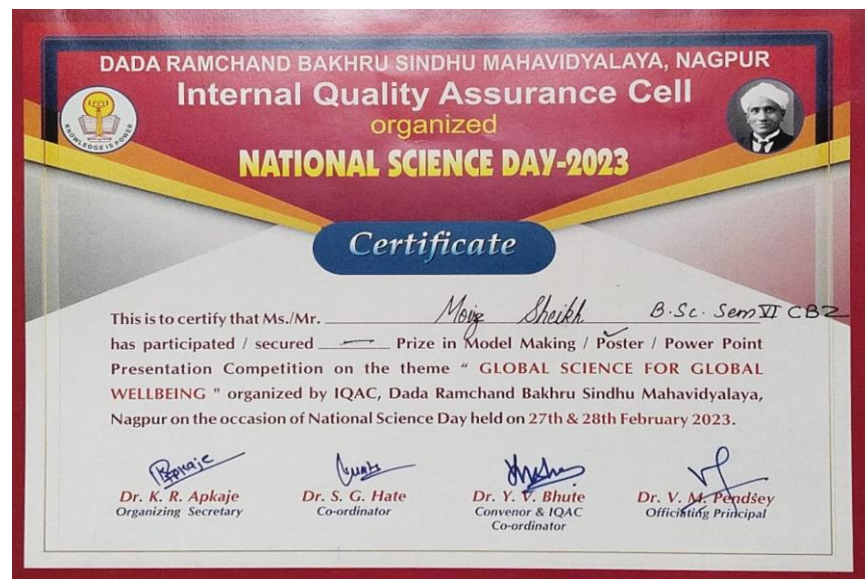


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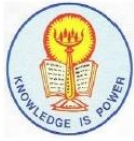


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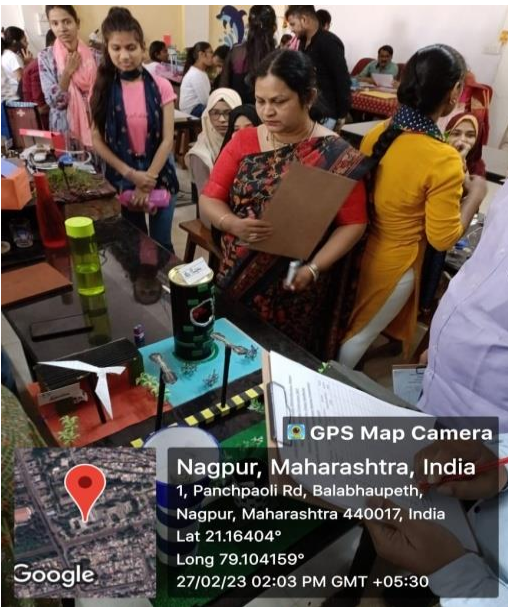


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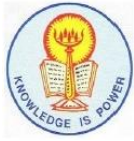
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National Science Day Celebration 2023




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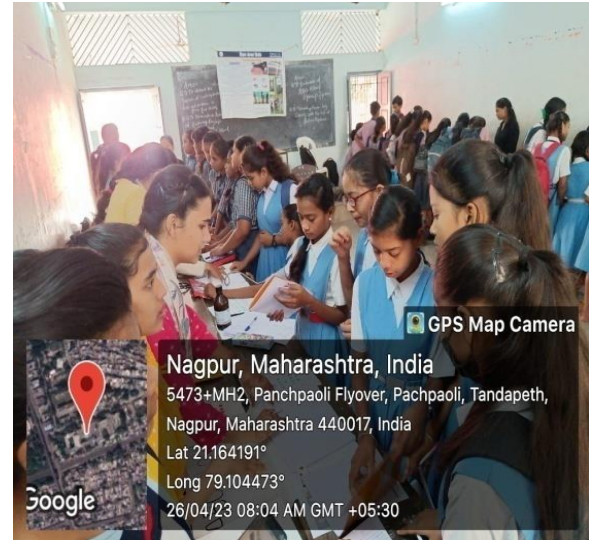
Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur

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Department of Zoology

Vigyan Sanskar Shibir 2023



Participation and training by hands of students @ Vigyan Sanskar Shibir




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Department of Biotechnology

First, Second as well as Final year students actively participated on National Science Day Celebration 2023 and students of Biotechnology bagged prizes in all three categories of contests i. e. Poster, Model and Oral presentation categories. Winners have got attentions even for further future intercollegiate competitions.



A pic with winners of First year Biotechnology students who got various prizes in National Science Day Celebration 2023



From this year, special career-based presentation assignments were given to final year students to make them focused for better future career in various scientific fields. All students of Final year Biotechnology actively participated and given excellent presentations.



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Department of Biochemistry

Students Participatory Activities



Science Day Poster Competition



PPT by Students



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• Parent-Teacher Meet

Department of Biochemistry

PARENT-TEACHER MEET

Parent teacher meeting was held on 17th February 2023(Friday) at 11a.m. Parents were welcomed and informed about the curriculum plans of the Department. Parents were also informed about the progress of their child. Afterwards a questioning session was conducted where queries of each parent were answered. Lastly, the parents were notified about the future events and courses that will take place in Department of Biochemistry.




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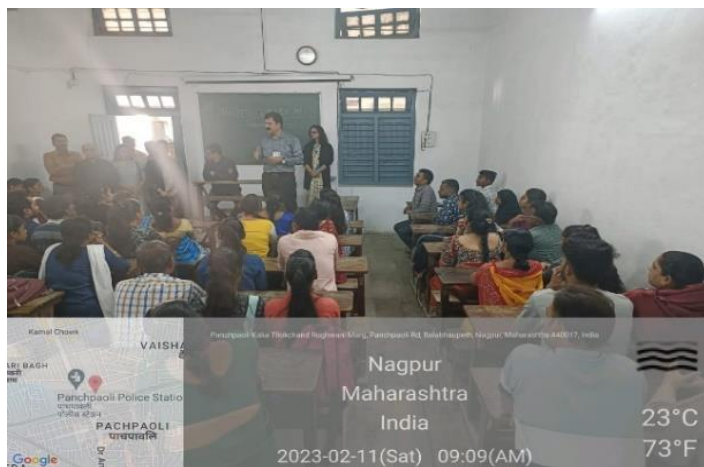


Department of Commerce Parents Teacher Meet 2022-23

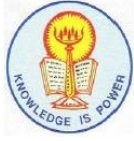
Date: 11/02/2023

Time: 8.00 am- 10 am

A Parents-Teacher Meet of Sem II, IV, VI was conducted in smart classroom, room no. 12. Around 50 parents joined for the meeting. The purpose of the meeting was to interact with parents and discuss with them the issues and concerns of the students regarding the regular classes, forthcoming theory exams and so on. Dr. V. M. Pendsey interacted with the parents regarding placement drives and Certificate Courses and all the other facilities available for the students. Dr. S.V. Tewani, Vice Principal addressed the parents regarding the attendance, classes, and various training programs in the college. Dr. A.J. Thadani, Vice Principal informed the parents about the various cells, academic and extra - curricular activities in the college. All the class teachers interacted with the respective students and parents. Prominently present on the occasion were all the faculties of Department of Commerce.




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Sindhi Hindi Vidya Samiti's
DADA RAMCHAND BAKHRU SINDHU MAHAVIDYALAYA, NAGPUR

Chemical Society

Department of Chemistry

Minutes of Meeting

09/09/2022

Agenda of the meeting

1. Planning of **Guest Lecture** to be organized.
2. Discussed the date and platform of the event.
3. Distribution of work

Following members were present

1. Dr. Ratna Sarkar
2. Dr. Sushmita Mandavgane
3. Dr Sunil Dahire
4. Dr. Mangesh Thakare
5. Dr. Sudhanshu Kharkate
6. Mr. Rakesh Naktode
7. Dr Pooja Mohobe
8. Dr Himani Pandurnekar
9. Ms. Babita Yadao
10. Dr. Doyel Bhattacharya

Minutes of the meeting

Following points were discussed

1. Guest lecture will be conducted on 16th Sept. 2022.
2. Platform: Auditorium
3. Time: 12:00 pm
4. Guest will be Dr. Ratiram G. Chaudhary



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- Guest lectures



As mentioned, Department of Chemistry runs “Chemical Society”, The installation of chemical society was organized on 16th Sept. 2022 i.e. on the occasion of “world Ozone Day” so that the platform could also be used to spread awareness to save the ozone layer. In order to do so, a guest lecture was also organized followed by the installation ceremony. Dr. Ratiram Chaudhary, Head, Department of Chemistry, S.K. Porwal college, Kamptee honored the function as a chief guest and Speaker for the function. The function started with an introductory speech by Dr. Ratna Sarkar, HOD Chemistry. Dr. Pooja Mohobe, Former Incharge of Chem. Soc. presented the last year report. Current year plans of the society were put forward by Ms. Babita Yadao, Incharge of Chem. society. She announced the student committee of the society. All the members were felicitated with the batches and sashes. Dr. Ratiram Chaudhary delivered his lecture on the topic “Research Temperament”. The installation function was presided by Principal Dr. V. M. Pendsey.




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Department of Biochemistry

Date: 30th August 2021

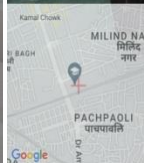
Report of Guest lecture

Department of Biochemistry, Dada Ramchand Bakhru Sindhu Mahavidyalaya, has organized a guest lecturer on topic **Introduction to Forensic Biology** on 11th March 2023 at 10.30am. The great speaker was Dr Archana Mahakalkar, Assistant Professor Department of Forensic Biology, Government Institute of Forensic Science, Nagpur. She explained importance of forensic science in everyday life. All the students have participated in lecturer with great zeal. She also explained application of forensic science in various field of Biochemistry like Molecular Biochemistry, Clinical Biochemistry, Enzymology, rDNA technology etc. All the students were very happy and asked many questions to Mam.



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Department of Zoology

Guest Lecture on “Central Regulation of Reproduction in Mammals” by Dr. Praful Singru, NISER, Bhubaneswar

Department has organized a guest lecture for Post graduate and under graduate students to facilitate the new research horizon and to inculcate research temperament. Dr. Praful Singru, Associate professor, Biological Sciences, NISER, Bhubaneswar has delivered a talk on “Central regulation of reproduction in Mammals” on 19th October 2022. He enlighten the students with basic concept of hormonal and neuropeptide regulation during reproductive phases in mammals and throw a focus on preoptic area and GnRH neuron working processes. Dr. Yogesh Bhute was introduce and welcome Dr. Singru. About 72 students of PG and UG were preset for this lecture.



01, Panchpaoli Rd, Balabhaupeth, Nagpur, Maharashtra 440017, India

Nagpur
Maharashtra
India



30°C

86°F

2022-10-19(Wed) 12:26(pm)



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Department of Zoology

Guest Lecture on “Economic and Applied Entomology” by Dr. Arun Sawarkar, Department of Zoology, Chalisgaon, North Maharashtra University

As a part of curriculum of undergraduate level, department has organized a guest lecture on Economic and applied entomology. A talk delivered on 1st March 2023 by Dr. Arun Sawarkar, Department of Zoology, BP ARTS, SMA Science, KKC COMMERCE College, Chalisgaon. He is expert in Apiculture and bee keeping practices in Jalgaon region. He enlighten the students with various methods of culturing of bee species and building of a start up with this module. Bee keeping now a days, a developed cottage industry in India and is an opportunity for development of skill in bee keeping by studying bee biology in curriculum. About 45 students of B.Sc. semester 5 were present. Dr. Zeenat Kashmiri has introduced the guest and welcomes him. Dr. Kavita Apkaje has proposed a vote of thanks.




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Educational tour

Science Exhibition Visit: 20/01/2023

Raman Science Centre



On dated 20th January 2023, a visit to science exhibition was organized for UG students held at Raman Science Centre, Nagpur. Through the visit the students became familiar with various central and government institutes and organization which have arranged their stalls in the exhibition and have answered the queries of students to their best.



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Industrial Visit:08/10/2022 Khaperkheda Power Plant



An Industrial visit was organized for PG- final year students to “Thermal Power Plant”, Khaperkheda on 6th October 2022. Around 25 students and three faculty members visited the plant. It was an excellent experience for all the students to go through the procedure adopted while the production of power.

Students learned a lot by understanding the functions of each and every part used in the power generation. They also visited the quality control lab where water testing and analysis is done which is a mandatory part at power plants before passing the water to turbines and other parameters. Students came to know the quality checks and other parameters required at QC labs.




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Department of Biochemistry

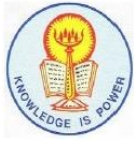
Date:24/2/2023

Report of Industrial Visit

Department of Biochemistry, Dada Ramchand Bakhru Sindhu Mahavidyalaya, has organized a Industrial visit to Ajit industry, Butibori in collaboration with Department of Microbiology on 24th February. Total number of students for tour were 51. Three teaching faculty Dr.S.A Mankar, Dr A.M Chandak and Dr.D.R Motwani and two supporting staff Ramesh Madnani and Harshad Baisare were also present for tour. Timing for industrial visit was from 3.00pm to 5.00pm. Ajit factory is manufacturer of a wide range of products which include Ajit Phalhari Chiwda Namkeen, 200gm Ajit Phalhari Chiwda Namkeen, Ajit Saoji Chiwda Namkeen, Ajit Special Kaju Chiwda Namkeen, Ajit Warhadi Chiwda Namkeen and Ajit Kaju Chiwda Namkeen. Ajit bakery also provide Ajit Jeera Rusk Toast, Ajit Elaichi Rusk Toast, Ajit Rusk Aata Toast and Ajit Milk Rusk Toast etc. In **1955**, the late Shri Prabhakar Jagannath Divadkar made a decision to follow his dream which led to the birth of the brand **Ajit Bakery**. Since then, this family-owned heritage has become more of a family tradition, known for making quality and innovative products. The niche that we have carved in the hearts of our customers & associates will grow with the fondness for our delicacies. All Students enjoyed a lot.




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Dada Ramchand Bakhru Sindhu Mahavidyalaya

Department of Biochemistry

Date:24/2/2023

Report of Educational Tour

Department of Biochemistry, Dada Ramchand Bakhru Sindhu Mahavidyalaya, has organized a Educational tour to HORIBA India Technical Institute (HITI) in collaboration with Department of Microbiology on 24th Feburary. Total number of students for tour were 51. Three teaching faculty Dr.S.A Mankar. Dr A.M Chandak and Dr.D.R Motwani and two supporting staff Ramesh Madnani and Harshad Baisare were also present for tour. Timing for tour was from 9.am to 2.00pm. HORIBA India Technical Institute (HITI) is an initiative of HORIBA India - a part of the global, multi-billion Japanese Yen HORIBA group of companies. HITI aims to provide various specialized professional courses, a conceptual understanding of different IVD technologies, and best laboratory practices designed for career success. The HITI-Nagpur center is located amidst HORIBA's sprawling 12-acre plot of land which also houses their International Training Centre and state-of-the-art instrument remanufacturing and reagent manufacturing facilities. Students at HITI learn from some of the best faculty in the field, in a truly multinational corporate environment. This tour will definitely helps our students start with a significant advantage in their career and prepares them to take on leadership roles and achieve greater success in their career.

Website

<https://www.hiti.horibaindia.com>

Industries

Education Administration Programs

Company size

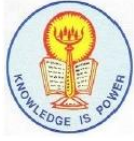
201-500 employees

Headquarters

NAGPUR, MAHARASHTRA




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Founded

2020

Specialties

Education, Technical Courses, DMLT, Diploma, Laboratory Technician, Medical Laboratory, and Pathology

[HORIBA India Technical Institute](#) pleased to have visit of 50+ B.Sc. students of D.R.B. Sindhu Mahavidyalaya, Nagpur. Students learnt about technological aspects of hematology and biochemistry analyzers. They were astonished by seen the demonstration of one of the world most Advanced Hematology Analyzer Automation. [#HORIBA](#) [#HITI](#) [#HORIBAIndia](#) [#HORIBAMedical](#) [#Industrialvisit](#) [#Education](#) [#SinduhMahavidhyalaya](#)



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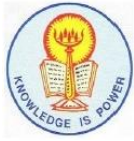
Department of zoology

Field visit to Ambazari Biodiversity Park

Department has organized a visit to Ambazari Biodiversity Park for M.Sc. students. This biodiversity park is a reserve forest and also have a richness in birds and insects. Natural and pleasant surrounding and beautifully designed tracks and points were quite attractive for visitors. On 9th June 2022, 20 students and teachers were visited to this park. Mr. Ajinkya Bhatkar, Senior Project Officer at WWF India was with us. He delivered a information about birds nesting and some identifying keys for birds and their voice. Mr. Shubham Chhapekar, Naturalist, Biodiversity Park was accompanying students for the entire visit. He has demonstrated butterfly gardens, their host plants and mud paddling nature to our students. Students had completed about 5 KM tract of this parks. They observed about 12 families of butterflies and about 21 species of birds. Students had enjoyed a lot.




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COMMERCE ENHANCEMENT CELL

Report on “Industrial Tour to Govigyan Anusandhan Kendra”

2022-2023

With a motive, to enrich and enhance the knowledge of students and creating awareness about Indian Cow and resurrect the self-sustaining Bhartiya (Indian) way of farming, Commerce Enhancement Cell, Department of Commerce, organised an Industrial Tour was organised to “Govigyan Anusandhan Kendra”

Date: 22nd Nov. 2022 Tuesday

Venue: Govigyan Anusandhan Kendra, Deolapar

Participants: 100 Students and 10 Faculties

Govigyan Anusandhan Kendra is dedicated to creating awareness about Indian Cow and resurrect the self-sustaining Bhartiya (Indian) way of farming. The authorities advocated that the citizens of today need an approach which addresses the problem at fundamental level, resurrects ecology, does not hamper economic well-being and creates new employment opportunities. This is where Bhartiya way of farming is different from all other piece meal solutions as it has a holistic approach. Importantly is not dismissive of knowledge passed from generations to generations. And it uses modern scientific methods to evaluate the age-old wisdom regarding Farming, Indian Cow and it's criticality for sustenance of healthy human life.

The students were informed that 63 acres of land of the Kendra was acquired with financial help from few well-wishers. Few hundreds of cows who were abandoned either due to old age or had stopped producing milk cows were provided with shed and comfortable living conditions. This helped us achieve two basic purposes. First of course, was to protect Cows from getting slaughtered. But the second purpose with which this was done is at the heart of the project. The people running GoVigyan knew that The Cow Urine (GoMutra) and Cow Dung (GoMay) produced by these genteel bovine friends held key to bright future of farmers in distress. Till date this Kendra trained 10000 plus farmers at Deolapar on Organic Farming and on how to manufacture Cow based products. And it has helped many farmers who were in financial distress to start making money again.

The visit proved to be very fruitful and informative, enlightening the students towards saving the ecology and sustaining of human life and rural economy.



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Panchpaoli Nagpur

Department of Management (BBA)

INDUSTRIAL VISIT

SAI VALLEY FARM, (AGRO BUSINESS)

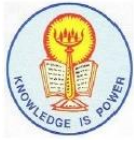
Date: 04/02/2023

Time: 10.00 am

On 4th February 2023, Saturday, Department of Management (BBA) has organized a one day Industrial Visit to Sai Valley Farms, Kondali Nagpur. The aim of the visit is to sensitize the students with the new opportunities in agro based business. Around 60 students along with the Teachers and Non-Teaching staff members' have visited the Farm. We reached the premises around 10am. Walking down the corridors the staff has welcomed everyone warmly. This was the out of classroom learning activity. The students were gathered and given instructions about the Agro industry, firm, there products and by products. The instructor divided the students into groups and guided them accordingly. The students were told each and every details of how the Production is done, Distributed, packed, Marketed all over India and how waste is recycled and reused. The students eagerly asked their doubts regarding various topics of procurements, manufacturing, Finance, Machinery, Transportation and the type of Business etc. The visit was full of information and pratical knowledge was gained by the students. The teaching members Mr Pranay Wankhede HOD, Dr Trupti Sakhare, Ms Poorvi Tiwari and the non-Teaching Staff members Mrs Nirmala have worked hard for the success of the program.

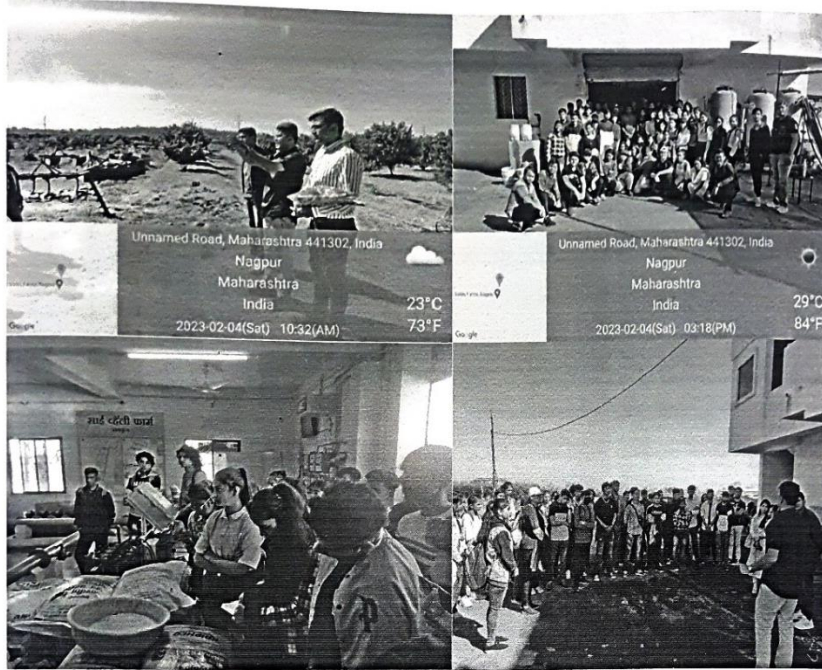



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Snap Shot: Industrial Visit, Sai Farms, Katol, 04/02/2023




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