

Sr No	Name of Add on /Certificate programs offered	Year of offering	No. of times offered during the year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
1	Vermiculture	2017-18	1	30 Hrs	30	30
2	Solar power and appliences	2018-19	1	30 Hrs	25	25
3	Immunology and clinical biochemistry	2018-19	1	30 Hrs	34	34
4	Computerised accounting with Tally	2018-19	1	30 Hrs	185	185
5	Basics of income tax	2018-19	1	30 Hrs	324	324
6	Basics of GST	2020-21	1	30 Hrs	324	324
7	Personality development and communication skills	2017-18	1	3o hrs	101	101
8	Certificate course in Insurance	2020-21	1	30 Hrs	185	185
9	Bee keeping	2018-19	1	30 Hrs	34	34
10	Biofertilizer production	2018-19	1	30 Hrs	41	41
11	Numerical skills	2018-19	1	30 Hrs	62	62
12	Anuwad Vyasaya Prashishan Pathyakram	2018-19	1	30 Hrs	164	164
13	Enzymology and its industrial application	2020-21	1	30 hrs	24	24
14	Hydroponics	2020-21	1	30 Hrs	31	31
15	Food Safety and Quality					
	Management	2020-21	1	30 Hrs	22	22
16	M commerce	2020-21	1	30 Hrs	185	185
17	Basic molecular Biology Techniques	2018-19	1	30 Hrs	32	32
	reciniques	2010-13	1	30 HIS	Total	1803





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### Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur

#### CERTIFICATE COURSE IN VERMICULTURE

#### **Department of Zoology**

The Certificate Course in Vermiculture consists of various aspects of vermicomposting, including theory, practical skills, and best practices for managing worm composting systems. Vermicomposting is a type of composting in which certain species of earthworms are used to enhance the process of organic waste conversion and produce a better end-product. following are some of the skills expected to develop in students during the course:-

- Practical Skills in Vermicomposting Students will acquire hands-on skills in setting up and maintaining vermicomposting units, consisting of selection of suitable species of earthworm, managing bedding materials, and troubleshooting common problems.
- Problem-solving Skills Students will develop the ability to solve difficulties



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encountered during the process of vermicomposting such as bedding material, moisture content of the soil, temperature, pH, pests, etc. to enhance the quality of compost.

### **Syllabus**

#### Unit I:

- 1.1 Introduction to vermiculture and vermicompost
- 1.2 Systemic position, habit and habitat of earthworm
- 1.3 External feature: shape , size, colouration and distribution of earthworm -
- 1.4 Body segmentation
- 1.5 Species of earthworm used in vermiculture

#### **Unit II:**

- 2.1 Food and feeding habit of earthworm
- 2.2 Digestive system of earthworm
- 2.3 Reproduction in earthworm
- 2.4 Cacoon formation of earthworm
- 2.5 Respiration in earthworm

#### **Unit III:**

- 3.1 Earthworm for animal feeds
- 3.2 Casting of earthworm as bio-fertilizer
- 3.3 Requirement of Vermiculture
- 3.4 Material used in vermiculture
- 3.5 Cattle dung, plamt product

#### **Unit IV:**

- 4.1. Preliminary treatment of composting material
- 4.2 Vermicoposting material storage
- 4.3 Preparation of vermiculture bed
- 4.4 maintenance of vermiculture bed
- 4.5 Natural enemies and their control

#### Unit V:

- 5.1 composition of vermicompost and worms
- 5.2 Harvesting of vermicompost and worms
- 5.3 Marketing of vermicompost and worms
- 5.4 marketing of seed worms
- 5.5 Role of vermicompost as fertilizer in Agriculture





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#### **Practical:**

- 1. Study of external characters of earthworm
- 2. Study of different species of earthworm
- 3. Study of vermicompost Pit
- 4. Preparation of vermiculture bed
- 5. Study of different vermicomposting material
- 6. Diagramatic study of lifecycle of earthworm
- 7. Permanent micro-preparation of setae, septal nephedia, spematheca
- 8. Dissection of alimentary canal of earthworm
- 9. Histologycal study of gizzard, testis, ovary, spermatheca
- 10. Visit to different vermiculture centres

#### Session 2023-24

#### **Notice**

All the students of the "Certificate Course in Vermiculture" are hereby informed that the classes for the course will start from 14/10/2023 in Zoology Lab. Attendance is mandatory.

Coordinator

Dr. Zeenat Kashmiri

Report 2023-24









Dr. Zeenat Kashmiri guided the students of VMV College, Nagpur to establish vermicompost unit



Ms. Vidhi Loya guiding the students of Sant Gadgebaba College, Hingna



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A certificate course in Vermiculture was conducted by the Zoology department to develop the skill of vermicomposting in students. Total 30 students of B.Sc. CBZ participated in the course. The teaching faculties of the Zoology department guided the students in various aspects of vermicomposting theoretically and practically. The students learn the process of composting and its importance.

Faculty members of the Department guided the students of VMV College, Nagpur and Sant Gadgebaba College, Hingna to established the Vermicompost Unit at their college.

### List of Students Certificate Course: Certificate Course in Vermiculture

Sr.No.	Name of Students		
	Sem. I		
1	Mr Vansh B Sahani		
2 Mr Varun B Gajriya			
3	Ku Muzammil Mobin Khan		
4	Ku Kashish M Shaher		
5	Ku Muskan D Bikhani		
6	Ku Preeti P Wadhwani		
7	Ku Shardha S Gajbhiye		
8	Ku Nilakshi K Thakre		
9	Ku Riya S Gokhade		
10	Ku Jasmin A Waghmare		
	Sem. III		
11	Ahmad Nida Tabassum Nisar		
12	Ansari Ziya Parveen Abdul Malik		
13	Dhawale Krishi Dadanand		
14	Indurkar Grecy Dipak		
15	Jamiluddin Alfiya Anjum		
16	Kite Sunaina Atul		
17	Kusre Devyani Devendra		
18	Pali Veena Kishankumar		
19	Siddique Mainur Mobin		
20	Siddiqui Aarefa Tabassum Khurshid Ahmad		
	Sem. V		
21	Afiya Naz Mohd Asif		
22	Anushka Amit Bagde		
23	Asefa Parveen Ansari		
24	Huma Taskeen Mohd Mustafa Ansari		
25	Kashish Raja Shahu		





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26	Khilen Santosh Gurupanch
27	Mantasha Nigar Mohd Hashim Ansar
28	Mrunali Rajesh Wasnik
29	Prachi Ajay Mandlik
30	Prajwal Maroti Watare







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### Dada Ramchand Bakhru



Sindhu Mahavidyalaya Panchpaoli NAGPUR **Certificate Course in Solar Power And Appliances** 

#### DEPARTMENT OF PHYSICS

SESSION 2023-2024

Brochure

This is a skill oriented course in the study of solar photovoltaic (PV) cells, modules, and system components; electrical circuits; PV system design and sizing for use on homes, commercial building etc., understanding energy conversion from sunlight to electricity, and working with solar conversion equipment. This Course will give students the book knowledge and hands on experience needed to become entrepreneur / self

Eligibility:- B. Sc. Semester I Student of Group (PCM, PCoM & PEM)

Course Duration:- (Theory + Practical) 30 Hours

Registration Fees: Rs 300 (non-refundable)

#### Mode of Instruction and Learning: Offline Job Opportunities:

- Become entrepreneur / self employed.
   Design Electrical Engineer Solar.
- 3. Area Sales Manager-Solar Thermal & PV Products.
- 4. Service-in-charge.

#### Topic covered:

- Introduction to solar power and appliances Solar radiation
- Solar Cell
- 4. Energy storage and Appliances

#### Outcomes:

Upon completion of this course, the student will be able

- Demonstrate knowledge of and apply key solar
- electric system terms and concepts.
   Size and design a photovoltaic system.
   Mount, ground, position, install, wire and connect a photovoltaic system.
- Test voltage generated by photovoltaic system Operate & Maintain of Solar Power.
- Participants will learn different types of solar PV module and batteries used in solar PV plant.
- Design of solar PV Plant based on estimated loads.

### CERTIFICATE:

All the participant will received certificate after completion of certificate course.

Course co-ordinator Dr. Sudhir Dange Head Department of Physics DRB sindhu Mahavidyalaya Nagpur

Course instructor Dr. Avish Patil Dr. Arti Golhar Dr. Rajkumar Belekar Dr. Rajdeep Utane

Dr. Ritesh Kohale

Course instructor Dr. Vijay Raghorte Dr. Kalpana Nagle Dr. YogeshWankhede Mr. Vikas Mishra





Officiating Principal Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur-17

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### DRB Sindhu Mahavidyalaya, Nagpur Department of Physics

#### Report of Certificate course on 'Solar Power & Appliances' during

#### 22-27 April 2024 for the session 2023-24

Department of Physics of Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur organized one week certificate course on 'Solar Power & appliances during 22-27 April 2024. This course was conducted for the undergraduate students of Physics for the session 2023-24. Total 25 students were registered for this certificate course.

On 22<sup>nd</sup> April 2024, Dr. Ritesh Kohale, Assistant Professor in Physics, Shri Sant Gadge Maharaj Mahavidyalaya Hingna, Nagpur Conducted the session on the topic 'Introduction to Solar Power'. He explained the students about various types of energy sources with their socioeconomic aspects and limitations.

On 23<sup>rd</sup> April 2024, Session was conducted by Dr. Rajdeep Utane, Assistant Professor in Chemistry, Shri Sant Gadge Maharaj Mahavidyalaya Hingna, Nagpur on the topic 'Solar Radiation'. He explained various approaches of utilization of solar energy and also told the students about solar cells and its applications.

On 24<sup>th</sup> April 2024 Dr. Vijay Raghorte, Assistant Professor in Physics, Narayanrao Kale Smruti Model Arts commerce & Science College Karanja Ghadge was conducted the session in online mode on the topic 'Solar Power & Appliances'. He explained Solar Cell arrays, PV Modules and residential Solar cell arrays and residential System.

On 25<sup>th</sup> April 2024, Dr. Rajkumar Belekar, Assistant Professor in Physics, Govt. Institute of Science, Nagpur was conducted the session in online mode on the topic 'Energy storage and Appliances'. She explained necessity of storage for solar energy, solar cooking and Rechargeable batteries.

On 26th & 27th April 2024 Mr. Vikas Mishra, Managing Director, Suntronic Renewable Pvt Ltd, Nagpur conducted Practical session on application of solar energy. He explained the students about solar system which is installed in the college campus.

On 29th April 2024 exam was conducted for the students and after evaluation certificate was distributed to them.

Certificate course was conducted under the guidance of Dr. S. P. Dange, Head of Physics Department, Dr. A.R. Golhar and Dr. A. K. Patil were the in charges of the certificate course.













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Dada Ramchand Bakhru, Sindhu Mahavidyalaya, Nagpur Department of Physics Certificate Course on "Solar Power and Appliances"

### Syllabus

#### **UNIT-I: Introduction**

Types of energy sources, Renewable and Non- Renewable sources of energy with examples. Its utilization, storage and socio-economic aspects and limitations. Various sustainable energy conversion processes: Photovoltaic, Photothermal, Photo electrochemical, Biofuel, Wind power and geothermal systems, Series and Parallel Combination of cell, Basic Ohm's law.

Basics of solar energy - Brief History of solar energy utilization - Various approaches of utilizing solar energy. Basic parameters of the Sun - Measurement of the solar constant. Solar thermal conversion: Basics, Flat plate collectors-liquid and air type. Theory of flat plate collectors, selective coating, advanced collectors. Basic of Solar photovoltaic: Principle of photovoltaic conversion of solar energy into electrical energy. Solar cells, Home lighting systems, solar lanterns, Solar PV pumps, solar energy storage options.

### UNIT- III: Solar Cells

Solar cells, basic structure and characteristics: Single-crystalline, multi crystalline, thin film silica on solar cells, emerging new technologies, Electrical characteristics of the solar cell, equivalent circuit, modeling of solar cells including the effects of temperature, irradiation and series/shunt resistances on the open-circuit voltage and short-circuit current, Solar cell arrays, PV modules, PV generators, Interfacing PV modules to loads, direct connection of loads to PV modules, connection of PV modules to a battery and load together, Energy storage alternatives for PV systems. Storage batteries, lead-acid, nickel-cadmium, nickel-metal-hydride and lithium type batteries. Small storage systems employing ultra capacitors, charging and discharging properties and modeling of batteries, Stand-alone PV systems. Consumer applications, residential systems, PV water pumping, PV powered lighting, rural electrification, etc.

### UNIT- IV: Energy Storage and Appliances

Necessity of storage for solar energy- Chemical energy storage - Thermal energy storage Thermal Flywheels - Compressed air- Rechargeable batteries, Solar lighting, Solar cooking and Solar furnaces etc.





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### Dada Ramchand Bakhru Sindhu Mahavidyalaya Panchpaoli Nagpur Certificate Course in Solar Power and Appliances **DEPARTMENT OF PHYSICS** SESSION 2023-2024

Sr.no.	Name of student
1	Srushti Hanwate
2	Swati Dewangan
3	Saniya rahim khan
4	Pravin Pramod Bankar
5	Leena Liladhar Andhalgaonkar
6	Pranju Deshbhratar
7	Palak Bambode
8	Saud faisal
9	Khushi sangole
10	Akanshabhede
11	Ashwini Dnyaneshwar Thorat
12	Iqra tajammul Hussain
13	Afifa saniya ansari
14	Tanishq Chaure
15	Mansi borkar
16	Danish imran Ansari
17	Alishna Taiyyaba
18	Mahima Vijay Darwade
19	Ritesh Ravindra Sahare
20	Rukhmini kohad
21	Khushi umesh Somkuwar
22	Ankita devanand bhandarkar
23	Nilay Wankhede
24	Prachi bhide
25	Kashish kashyap lade





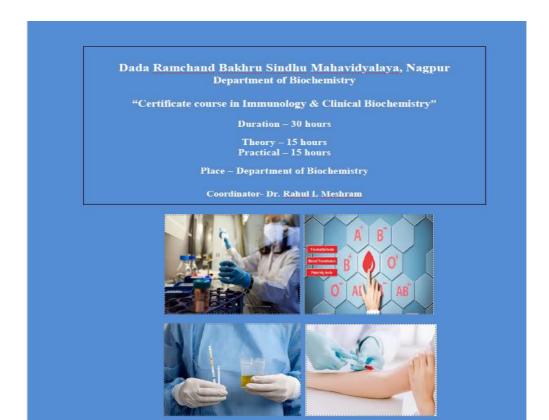
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Sindhu Mahavidyalaya, Nagpur.	
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Certificate Course	5
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participated and successfully completed certificate course in	b
Solar power and Appliances held by the	F
department of Physics Dada Ramchand Bakhru Sindhu Mahvidyalaya	
Nagpur during 02-08 Feb' 2023	C.
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Sindhu Mahavidyalaya, Nagpur.  Certificate Course  This is certified that Mr. / Ms. Faique Akmal Intiyaz Ahmad Ansari	Same And
Sindhu Mahavidyalaya, Nagpur.  Certificate Course  This is certified that Mr. / Ms. Faique Akmal Indiyaz Ahmad Ansari participated and successfully completed certificate course in Solar power and Appliances held by the department of Physics Dada Ramchand Bakhru Sindhu Mahvidyalaya	
Sindhu Mahavidyalaya, Nagpur.  Certificate Course  This is certified that Mr. / Ms. Faique Akmal Indiya; Ahmad Ansari participated and successfully completed certificate course in Solar power and Appliances held by the	
Sindhu Mahavidyalaya, Nagpur.  Certificate Course  This is certified that Mr. / Ms. Faique Akmal Intiyaz Ahmad Ansari participated and successfully completed certificate course in Solar power and Appliances held by the department of Physics Dada Ramchand Bakhru Sindhu Mahvidyalaya Nagpur during 02-08 Feb 2023	
Sindhu Mahavidyalaya, Nagpur.  Certificate Course  This is certified that Mr. /Ms. Faique Akmal Intiyaz Ahmad Ansari participated and successfully completed certificate course in Solar power and Appliances held by the department of Physics Dada Ramchand Bakhru Sindhu Mahvidyalaya Nagpur during 02-08 Feb' 2023	







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### Certificate course in Immunology & Clinical Biochemistry

### **Objectives**

The course aims to provide students with understanding of the basic principles of clinical biochemistry & Immunology. Course offer students, mix of theoretical knowledge delivered in lectures combined with development of clinical reasoning skill & practical knowledge of techniques involved.





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#### Syllabus Theory-

- A. Collection & preservation of biological fluids ( Blood, Serum, Plasma, Urine & CSF)
- B. Chemical analysis of blood urine and CSF.
- C. Normal values for important constituent in blood ( Plasma/ Serum)
- D. Clearance test for the urea.
- E. Clinical enzymology- Isoenzymes, diagnostic applications of Isoezymes, enzyme pattern in health & diseases ( Plasma lipase, amylase, choline esterase SGOT, SGPT, LDH, CPK)
- F. Brief idea about structure & functions of Liver, kidney & heart
- G. Hypogycemia, Hyperglycemia
- H. Immunology- Definition and concept of Immunity, Humoral and cell mediated immunity.
- Antigen Factor determining antigenicity
- J. Antibody definition, structure, classification (IgA, IgG, IgM, IgD, IgE) & properties.
- K. Monoclonal antibodies, Hybridoma technology
- L. Antigen-Antibody reactions Precipitation, agglutination, Enzyme linked immunosorbent assay (ELISA), Radio immune assay (RIA).
- M. Brief idea of Allergy.

#### Practicals-

- To perform Radial Immunodiffusion (RID) by Mancini's method.
- 2. To perform double immunodiffusion (DID) by using Ouchterlony method.
- To perform haemagglutination assay for ABO blood group typing & determination of Rh factor
- To perform dot ELISA (detection of antigen by ELISA method.)
- Detection of hCG for pregnancy test.
- 6. Estimation of blood glucose
- 7. Liver Function Tests -Estimation of SGPT
- 8. Estimation of SGPT
- 9. Estimation of serum bilirubin
- 10. Cardiac function test- Estimation of serum cholesterol
- 11. Kidney function test-Estimation of blood urea.
- 12. Estimation of serum creatinine





S/N	Name of Student
1	Nazia Bano Qamruddin Ansari
2	Nikita Anand Assudani
3	Pranali Raju Khambalkar
4	Rasika Dipak Barapatre
5	Ravina Sheshrao Bhalavi
6	Richa Prashant Kotangle
7	Ritik Dinesh Sorte
8	Rohit Mantu Pandey
9	Ruchika Sudhir Pimpale
10	Ruchita Vijay Wasnik
11	Rumana Khanam Ansari
12	Rutuja Rajesh Sahare
13	Sabreen Kausar Mohammad Iqbal Ansari
14	Sahil Devendra Neware
15	Saima Afroz Abdul Latif Sheikh
16	Sakshi Sonsingh Yadav
17	Saloni Vishwanath Sahare
18	Samiksha Ishwar Nawale
19	Samruddhi Sudhakar Kamble
20	Saniya Anil Kumar Lalwani
21	Sejal Jitendra Dongre
22	Shabistan Naaz Ayaz Ahmad
23	Shamama Mohammad Shahid Parveen
24	Shivani Kumansingh Bisen





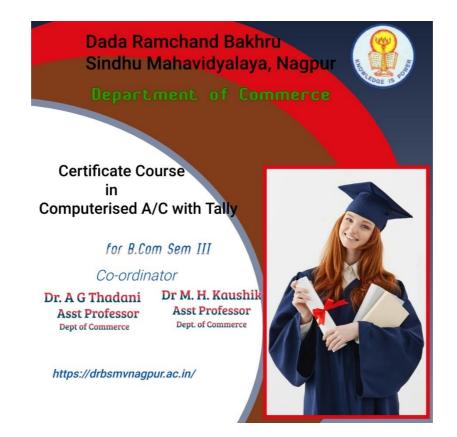
25	Shounak Shubhashis Das
26	Shruti Anil Bhaladhare
27	Siddique Ikram Shikeh
28	Sufiya Naz Sheikh
29	Suhani Jitendra Nikhare
30	Taiba Tabssum Mohd Izaz Ansari
31	Tajuddin Asif Mohammad Aslam Sheikh
32	Tasbiya Sadaf Jamsheed Parvez
33	Tejas Prakash Nimje
34	Trushali Ramdas Mule







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Name of Course	:	Certificate Course in Tally ERP 9			
Duration	:	30 Hrs	Modules	:	4

### Course Objectives:

- 1. To impart knowledge regarding concepts of Financial Accounting. Tally is an accounting package which is used for learning to maintain accounts.
- 2. This course helps students to work with well-known accounting software i.e. Tally ERP.9.
- 3. To make students capable to create company, enter accounting voucher entries including advance voucher entries, reconcile bank statement, do accrual adjustments, and also print financial statements, etc. in Tally ERP.9 software.
- 4. Accounting with Tally certificate course is not just theoretical program, but it also includes continuous practice, to make students



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ready with required skill for employability in the job market.

#### Course Outcomes:

- After successfully qualifying practical examination, students will be awarded certificate to work with well-known accounting software i.e. Tally ERP.9
- 2. Student by their own will create company, enter accounting voucher entries including advance voucher entries, reconcile bank statements, do accrual adjustments, and also print financial statements, etc. in Tally ERP.9 software.
- 3. Students will possess required skill and can also be employed as Tally data entry operator.

### Course Pre-requisites:

 To get full benefit of this course, the student needs to have basic knowledge of accounting and computer.

### Career Prospects:





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• Even if you are currently employed, learning Tally and obtaining a certificate will improve your chances for a promotion or you may even land a better job. Tally will give a much-needed boost to your career by enhancing your knowledge in Accounting, Inventory Management, and Taxation.

This program opens up various avenues for students. After the completion of the program, as a fresher you can begin your career as:

- Accounts executive
- Junior accountant
- Data entry operator
- Accounts assistant
- Tally operator
- Accountant trainee

Certificate Course: Certificate course in Computerised Accounting in Tally Subject/Group/Semester: B.Com Sem IV
Course Co-ordinator:Dr. A. G. Thadani & Dr. M. H. Kaushik

Sr.No.	Name of Students
1	Akshita Devanand Barapatre
2	Ambika Ganesh Gour
3	Ankit Ajayrao Barapatre
4	Anurag Manoj Tiwari
5	Arshdeep Singh Saini
6	Asfar Zafarullha Khan Khan
7	Bharti Sanjay Moundekar
8	Bhumika Mahesh Kandrikar
9	Chandan Krushnadas Shahu
10	Deepak Narendra Chelani
11	Deepak Anil Nainani





12	Dhawal Ramesh Vyas
13	Dimpal Umesh Dewangan
14	Diya Sanjay Budhlani
15	Ganeshdatta Gangasagar Mishra
16	Gaurav Mahesh Valecha
17	Gayatri Sitaram Janmanchi
18	Harshita C Sarapalli
19	Hasan Mahmood Hasan
20	Himanshu Pramod Meshram
21	Jaya Shitaldas Katariya
22	Jyoti Anil Sachdev
23	Kanan Omprakash Gidwani
24	Karan Kanhaiyalal Godhwani
25	Kartik Harish Nainani
26	Kashish Chandan Rohada
27	Kashish Bhushan Bellani
28	Kashish Shankar Danani
29	Lavina Gopi Ferwani
30	Manish Bhaurao Dhakate
31	Mantasha Kausar Akhtar
32	Mehvish Saheb Khan
33	Mohak Rajesh Chandani
34	Mohammad Rafiq Afarid
35	Mohd Fahad Ashfaque Ansari
36	Mohit Anil Hotwani
37	Muskan Nandlal Jarani
38	Nandani Anil Gahlod
39	Neha Chhatrapal Kushwaha





40	Nusrat Fatema Ayyub Khan
41	Palak Vijaykumar Jethani
42	Palash Sunder Burde
43	Pawan Ajay Kumar Keshwani
44	Poorvi Vijay Hotlani
45	Pratik Vasudev Sadhwani
46	Priyanka Prakash Ninave
47	Priyanshu Sagar Bokade
48	Rafia Imteyaz Ahmed Sheikh
49	Rahul Ramsingh Marskole
50	Ranglani Roshani Amarlal
51	Rani Lalchand Batra
52	Rishika Harish Kumar Sadhwani
53	Ritika Sanjay Dey
54	Riya Naresh Gour
55	Riya Subhash Lulla
56	Saba Irshad Siddiqui
57	Sadiya Parveen Shamsher Aalam
58	Safura Eram Murtuza Ansari
59	Sahil Harish Lakhwani
60	Sakina Parveen Mohd Jalal Ansari
61	Saneha Harish Kapoor
62	Sanidhya Rajkumar Gupta
63	Saniya Omprakash Ambwani
64	Sanket Kamlesh Bamhnote
65	Seema Pardesi Dewangan
66	Shivam Rajendra Nilkute
67	Shrideep Uttam Chakraborty





68	Shubhangi Mohan Gonnade
69	Sneha Rajendra Shahu
70	Sumit Rajendra Shahu
71	Taher Khuzema Ratlamwala
72	Tanishq R Galani
73	Tisha Dilip Chandnani
74	Tisha Manoharlal Manshani
75	Urvashi Rajesh Setiya
76	Vansh Tarachand Jarani
77	Vansh Santosh Pal
78	Vanshika Ishwar Nandurkar
79	Vanshika Sunil Tulswani
80	Vinay Rajkumar Assudani
81	Vishal Mahesh Methwani
82	Vishal Murlidhar Valecha
83	Yash Raju Pounikar
84	Yash Rajesh Patil
85	Yash Vijay Kumar Ranglani
86	Yashika Gyanchand Tharwani
87	Yogita Tukaram Shahu
88	Yusuf Aliasger Bandukwala
89	Aanchal Vinod Parihar
90	Akshay Waman Paunikar
91	Arshi Bano Akil Sheikh
92	Aryan Arvind Dohale
93	Bhagyashri Gopal Nandanwar
94	Bhumi Mathura Prasad Yadav
95	Chanda Prakash Ninave





96	Chetan Jagdish Narad
97	Deep Rajeshkumar Vaswani
98	Dhananjy Manoj Joshi
99	Dhanshree Narayan Mohane
100	Divya Prabhakar Wakodikar
101	Harsh Sanjay Kumbhare
102	Harsh Doulat Chhabriya
103	Harsha Gajanan Sonkusare
104	Harshada Hemraj Nikhare
105	Harshika K Nandanwar
106	Himanshu Janardhan Hedau
107	Isha Suresh Sonkusare
108	Ishika Bhaurao Borikar
109	Isman Sanjay Burbure
110	Jayshree Raju Bende
111	Jayshree D Waghade
112	Ketan Tularam Meshram
113	Khema R Mohadikar
114	Khushi Dibakar Singh
115	Khushi Gangadhar Mandlik
116	Komal R Barapatre
117	Krutika Arvind Waghmare
118	Lokesh R Vishwakarma
119	Mahak Lakhan Dakah
120	Manthan Prakash Dhande
121	Mohit Ramesh Harde
122	Neha Ranjeet Gawai
123	Nidhi Dharmendra Chapre





124	Nilam Rajkishore Pandey
125	Nupur Manohar Moundekar
126	Palash Ravindra Sawarkar
127	Pallavi Suresh Patil
128	Pallavi Dnyaneshwar Raut
129	Poonam Kishor Bulkar
130	Praful R Deodhagle
131	Prajwal Manohar Bawane
132	Priyanka Girdhar Kolhatkar
133	Priyanshu Ganesh Sorte
134	Raja Suresh Yadav
135	Rishika Santosh Hedau
136	Ritika Rajesh Jain
137	Rohini Bhola Samundre
138	Rohit Khushal Nagpure
139	Rupesh Pyarelal Borkar
140	Sakshi Dharmpal Bhaisare
141	Saransh Vinod Hedau
142	Sayali Bharat Aate
143	Sayyed Sadaf S Bashir Ali
144	Shivam Sanjay Durge
145	Shivani Santosh Prajapati
146	Shruti G Surayawanshi
147	Shubham Anil Shende
148	Srushti Suresh Nikhare
149	Tejaswi Ramesh Neware
150	Tina Rajesh Kaithwas
151	Vaishnavi Raju Hatekar





152	Vaishnavi Mahendra Parate
153	YASH LOMESH PARATE
154	Aastha Dipak Prajapati
155	Alfiya Kausar Kaisar Hussain
156	Bhumika Bhanudas Sawlikar
157	Chetana Rajesh Nandanwar
158	Dhanshree Manohar Durge
159	Divya Dinesh Dongre
160	Fiza Parveen Aas Mohammad
161	Harsha Vasanta Hedau
162	Kajal Pramod Sondhiya
163	Khushi Suresh Bage
164	Madhuri Ramnath Moure
165	Mahjabee Mo Manjoor Ansari
166	Manisha Rajesh Selokar
167	Minakshi Ramesh Bargat
168	Minakshi Setu Ahirwar
169	Mohammad Uzaif Mohammad Asif Ansari
170	Nishika Ashok Nimje
171	Pransha Vinod Dhamgaye
172	Prerna Raju Zanzote
173	Rajat Mangesh Sawaikar
174	Reshma Indal Paswan
175	Ritik Anil Tapre
176	Sagar Vinayak Chavan
177	Sakshi Niranjan Manerao
178	Sanskruti Sandesh Meshram
179	Sapna Samaru Meshram



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180	Shraddha Shailesh Varma
181	Shreya Shivanand Gedam
182	Sonal Dhanraj Rahangdale
183	Suhani Santlal Kori
184	Suhani Rajesh Meshram
185	Suman Munnalal Bamhan

### **REPORT**

# Department of Commerce Certificate Course on Computerized Accounting with Tally 2023-2024

A Certificate Course on Computerized Accounting with Tally was conducted for all the students of **B. Com Sem III** (2023- 24) from 12/2/2024 to 27/2/2024.

The course offered four levels of in-depth knowledge in Tally. The main purpose was to make an individual job ready for accounting field. It imparted the knowledge of use of Tally, a major computerized accounting software. This course provided students with knowledge of the techniques of business accounting which would help them to manage financial records as a user.

The venue for the course was TF 1 of college premises and the timings were from 11.30 a.m. to 12.30 p.m. The number of students enrolled in the course were 195.

Course Coordinators-

Dr. A.G. Thadani

Dr. M.H. Kaushik





Vidya Samiti







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#### **REPORT**

### Department of Commerce: Certificate Course on "Basics of Income Tax" 2023-2024

A Certificate Course on "Basics of Income Tax" was conducted for all the students of B.Com 1<sup>st</sup> Year (2023- 24) from 12/02/2024 to 02/03/2024. The course includes basic knowledge of Indian Taxation policies & rules and to enrich their knowledge about direct taxes, tax rates; fundamentals and practical knowledge for applying PAN, filing IT returns etc.The number of students enrolled in the course were 324.

Course Coordinators-Dr. Richa Kalyani Mr. Rizwan Khan





Sr.No.	Name of Students
1	Aaliya Parveen Kalim Ansari
2	Aanchal Dhiraj Mendhe
3	Aarchi Rajesh Kriplani
4	Abhay Sundar Pal
5	Aditya Pradeep Gemnani
6	Aditya Narendra Amarnani
7	Afreen Begum Ashfaque Ali Shah
8	Akansha Santosh Pal
9	Alina Mushtaque Sheikh
10	Amrita Kanhaiya Tiwari
11	Anisha Gopal Dewani
12	Anushka Vijay Gedam
13	Ashvini Dhanraj Tagde
14	Ashwini Dilip Parate
15	Ashwini Raju Purwani
16	Asma Kausar Mohammad Anees Ansari
17	Balram Rajkumar Dholwani
18	Behla Murtaza Ratlamwala
19	Bhinesh Yugalkishor Sahu
20	Bhoomika Ashok Rajpal
21	Bhumika Murli Narayani
22	Bushra Iram Mohd Yaseen
23	Chinky Harish Talreja
24	Devika Jaripatka Chawla
25	Dhanshree Chandrashekhar Ninawe
26	Dhawal Ramesh Vyas
27	Dheeraj Mahesh Dipani
28	Dimple Narayan Kewlani
29	Govind Rajesh Vaswani
30	Gulshan Anilkumar Kukreja
31	Gun Dilip Tahilyani
32	Gunjan Pankaj Lokhande
33	Gunjan Rajesh Arjapure
34	Gurpreet Singh Harbaksh Singh Multani
35	Harsha Vijay Brijwani





36	Iqra Naaz Mohammad Irfan Mohammad
37	Isha Pradip Kashyap
38	Jagruti Yuvraj Bisen
39	Juhi Manoj Jeswani
40	Jyoti Chandulal Gopani
41	Kanak Duryodhan Sakhare
42	Karan Ashok Khanchandani
43	Kareena Girish Chhablani
44	Kashish Mukesh Bajaj
45	Kashish Umesh Varyani
46	Kawaldeep Singh Bagal
47	Khemchand Mohan Moundekar
48	Khushboo Ram Budhrani
49	Khushboo Anil Ajwani
50	Khushboo Khatoon Hakeem Ansari
51	Khushi Suresh Chelwani
52	Kuldeep Anil Jagyasi
53	Kusoomm Prem Mulchandani
54	Lavina Shankar Khanchandani
55	Lavina Kamal Khilwani
56	Mala Nakulram Bajaj
57	Mamta Yashwant Netam
58	Mohit Vishan Ahuja
59	Monalika Vijay Kumbhare
60	Monika Prakash Ramchandani
61	Muskan Ajeet Sewani
62	Muskan Kaur Paramjeet Singh Sandhu
63	Nikhil Washdev Veerwani
64	Nitin Vinodnarayan Sharma
65	Palak Sunil Pritmani
66	Palak Dilip Dhanrajani
67	Pallavi Rajkumar Kuhikar
68	Pankaj Surendra Malang
69	Piyush Anoop Hariramani
70	Poonam Chandruram Makhijani
71	Prachi Maroti Bawankule





72	Pragati Shankar Bagde
73	Prakhar Mohanlal Jagwani
74	Pranjal Rajesh Kadwe
75	Pratham Devidas Sawlani
76	Pratik Jairamdas Ramrakhiyani
77	Prerna Pawan Bhagia
78	Prerna Prakash Moundekar
79	Rahul Rangilal Yadav
80	Rajiv Sunil Balani
81	Raksha Ramesh Sontakke
82	Rashi Prakash Vazirani
83	Rayeesuddin Alauddin Ansari
84	Ritesh Arun Patil
85	Ritesh Santosh Wankhede
86	Rohit Sundar Vaswani
87	Rohnit Rajesh Banode
88	Roshni Nilesh Motwani
89	Ruchika Raju Prajapati
90	Rutuja Pravin Vaidya
91	Sahil Moti Motwani
92	Sakshi Devanand Dhanrajani
93	Sakshi Sharad Tiwari
94	Sakshi Devanand Gudankwar
95	Sanskrati Balram Keshwani
96	Sargam Ramu Verma
97	Sejal Mukesh Sadhwani
98	Shraddha Mahendra Sahu
99	Shruti Rajkumar Sewani
100	Shruti Omprakash Moon
101	Shrutika Omdeo Gonnade
102	Shweta Jitendra Bansod
103	Sneha Sunil Mansach
104	Sumaiya Kausar Shah
105	Suvarna Shravan Satpute
106	Tanisha Chelaram Bodhwani
107	Teena Bharat Nankani





108	Teesha Bramha Methwani
109	Twinkle Ashok Goswami
110	Ujala Yuvraj Kuhikar
111	Vaishnavi Kamal Jethani
112	Vanshika Bisan Uikey
113	Vijeta Suresh Kumar Dhanrajani
114	Vinay Amit Gour
115	Vishakha Gyan Chand Kamdar
116	Yash Vijay Khemchandani
	Yash Jalandhar Barapatre
117	Yash Tarachand Gour
118	Yash Pramod Bhagchandani
119	Yogesh Sadashiv Kalelkar
120	Aarti Premlal Rahangadale
121	Abhishek Sawant Ramteke
122	Achal Madhukar Khergade
123	Aditya Prabhakar Hurle
124	Aditya Deonath Barapatre
126	Ahsanul Haque Nurul Haque Rayeen
127	Aniket Rajkumar Mandhalkar
128	Anjani Mahesh Batheja
129	Anuradha Ramchand Shahu
130	Apush Rajesh Paunikar
131	Aryan Rajesh Bagde
132	Aryan Pradeep Shesani
133	Atharva Kishor Morghade
134	Ayush Omdeo Gonnade
135	Ayush Rahul Bhaisare
136	Ayushi Uday Nikose
137	Aznaaz Mohammad Altaf
138	Bansi Ramkumar Khatri
139	Bhushan Ashok Thawani
140	Bhushra Kousar Ekbal Sheikh
141	Chaitanya Shekhar Thakre
142	Chaitanya Shivraj Bodele
143	Chandan Khemchand Dhanukka
144	Chhaya Rajesh Sahu





145	Damanpreet Jaspal Singh Hunjan
	Diksha Krishna Hirwani
146	Divya Arvind Waghmare
147	Divya Ramkishan Barapatre
148	Doleshwar Suryaprakash Naidu
149	Gauri Sagar Rangari
150	Gautam Roshan Jagpal
151	Greshi Shivprasad Buwade
152	Harsh Ashok Selwatkar
153	Harsh Mohan Ranglani
154	Heer Dilesh Barmate
155	Hitesh Omprakash Hedau
156	Inamul Haq Narool Haq Rayeel
157	Ishika Mahesh Kandrikar
158	Jasnoor Kaur Baljeet Singh Bhatia
159	Jaykumari Pralhad Baghel
160	Jitesh Mahesh Vaswani
161	Kajal Bhagwan Lawankar
162	Kamal Vinod Daryanani
163	Khushali Chintaman Nikhare
164	Komal Narayan Verma
165	Kshitij Kantilalji Mobhaiyye
166	Lakshya Dheeraj Jethani
168	Lucky Rama Umredkar
169	Mandeesh Amrinder Tathe
170	Mansi Radheshyam Rana
171	Maqsood Ahmad Musawvar Hussain
172	Mohammad Huzaifa Mohammad Zaheer
173	Mohammad Irfan Ansar Ahmad Shah
174	Mohammad Ismail Mohammad Jilani Sheikh
175	Mohammad Qaisar Raza Abdul Kalam Mohammad
176	Mohinuddin Asiuddin Sheikh
177	Nandini Vishal Sakhare
178	Neha Narendra Nikhare
179	Nikhil Munnalal Kanojiya
180	Palak Purushottam Nagpurkar
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181	Pankaj Vijay Madnani
182	Parimita Lokchandra Manapure
183	Payal Vasanta Bangde
184	Piyush Vijay Taklikar
185	Pooja Ganesh Tandulkar
186	Pornima Raju Bangade
187	Prashant Baijnath Shahu
188	Pratik Ravi Karonde
189	Prem Anil Kumar Rajani
190	Priyanka Dharmendra Khapekar
191	Rahul Madanlal Thakre
192	Ranjan Umesh Thakur
193	Ritik Devram Nonare
194	Roshni Ashok Gonnade
195	Ruchika Omraj Tidke
196	Rutesh Suraj Baisware
197	Sakshi Ramdas Rokde
198	Sakshi Anil Mate
199	Saloni Dhanraj Ben
200	Samiksha Shashikant Meshram
201	Sana Firdous Mohammad Urman Ansari
202	Sana Firdous Mo Sakil Zadiye
203	Shalini Anil Dewangan
204	Shivshankar Beniram Choudhary
205	Shrutika Rajendra Khot
206	Shubham Udayraj Shahu
207	Simran Kanhaiya Gadriye
208	Soumya Akhilesh Verma
209	Suhani Nitin Narele
210	Swarnit Ravindra Suryawanshi
211	Trupti Rajesh Barapatre
212	Umme Abhiya Alim Khan
213	Vaishnavi Kamalnath Khairiyya
214	Vansh Amit Nimje
215	Varun Sunil Chhatwani
216	Vivek Ladharam Lalwani





217	Vivek Ghanshyam Kewalramani
217	Vivek Ramnaresh Rathor
218	Yogita Dilip Anjole
219	Zamanat Fatema Farman Ali
220	Aachal Basant Maskare
221	
222	Aayush Vinod Uchabagle
223	Abhijeet Mukesh Waman
224	Abhishek Vasanta Gathibandhe
225	Aditya Shailesh Sahare
226	Adityakumar Omprakash Yadav
227	Ajit Rajmani Shahu
228	Alisha Deepak Nagdive
229	Amrapali Narendra Ragase
230	Anusaya Ashok Dhakate
231	Anush Vilas Urkude
232	Apeksha Rajesh Nikhare
233	Awesh Raza Akil Ahmad Ahmad
234	Ayush Rajesh Parate
235	Balkrishan Dilip Chavhan
236	Bhumika Devanand Moundekar
237	Bhumika Sadanand Dayme
238	Chhatrapal Jagpal Sahu
239	Dhara Narendra Barapatre
240	Dolly Narendra Barapatre
241	Durgesh Dilip Sahu
242	Dushyant Mohan Tekan
243	Fazil Riyaz Ahmad Qureshi
244	Gaurav Pomesh Nimavat
245	Gaurav Khushal Shahu
246	Harsh Prakash Ingole
247	Harshit Prahlad Chourasiya
248	Isha Bhojraj Wanjari
249	Jatin Balkrushna Kanoje
250	Jay Krishnarao Waghdhare
251	Karan Rajesh Yadav
252	Kashish Sitaram Nimje





253	Khushi Shankarji Kolhe
254	Kirtan Shailendra Kadam
	Kirti Devendra Sonwani
255	Laxmi Santosh Tilasi
256	Lucky Laxman Netam
257	Mahi Ajay Shahu
258	Mangal Bisahu Kurre
259	Mangesh Kuvarlal Nagpure
260	Mihir Prashant Kamble
261	Mohammad Aabid Mohammad Israil Ansari
262	Mohammad Farhan Mohammad Irfan Mohammad
263	Mohammad Mukid Mohammad Shakir Ansari
264	Mohammad Shoeb Mohammad Shoeb
265	
266	Mohd Arshan Mohd Salim Khan
267	Mohd Imran Mohd Siraj Mohd
268	Muskan Ajay Bokde
269	Muzahid Yusuf Sheikh
270	Nandini Machindar Mohod
271	Nayab Sharif Abdul
272	Neha Santosh Varma
273	Nilesh Noharlal Avathe
274	Pari Dilip Patil
275	Piyush Santosh Chandankar
276	Pooja Dilip Meshram
277	Pornima Laxman Parate
278	Prajakta Shrikrushna Kaikade
279	Pranali Jagdish Barapatre
280	Pratik Ashok Rangari
281	Priya Santosh Sahu
282	Priyanka Sagar Bokde
283	Priyanshu Amar Rangari
284	Rahul Jagdish Ninawe
285	Reshma Satish Tarare
286	Rishu Kallu Patel
287	Riyaj Islam Khan
288	Rizwan Nafees Malik
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289	Rohan Rajendra Yadav
290	Rohit Devanand Meshram
291	Rushabh Sanjay Parate
292	Sahil Vikas Gajbhiye
293	Saloni Suraj Waghmare
294	Sanam Khushal Dheshpande
295	Sanket Prakash Tale
296	Sapandeep Kaur Jagdish Singh Pawar
297	Sarzeel Noor Patel Zahid Noor Patel Noor Patel
298	Shailesh Dilip Vyas
299	Shantanu Sunil Chikhale
300	Sheikh Sahil Sheikh Yakub Sheikh
301	Shivam Pramod Sethiya
302	Shweta Vinod Ninave
303	Sohel Yunus Sheikh
304	Sonam Abdul Salam Sheikh
305	Sufiyan Sheikh Jibrail Sheikh
306	Tanmay Ramdas Choudhari
307	Toufique Munawar Khan
308	Tushar Ravindra Bobade
309	Twinkal Rajesh Gokhale
310	Vaishnavi Tejram Deshmukh
311	Varsha Shankar Nagalkar
312	Vicky Vijay Hedau
313	Vicky Krishna Parve
314	Vicky Yadav Gondadiya
315	Vidhanshu Rupesh Rokde
316	Vijay Nandlal Mallewar
317	Vikas Tarachand Bhongade
318	Vikas Pitambar Nirmalkar
319	Vilas Pitambar Nirmalkar
320	Vinita Rakesh Gravkar
321	Vishika Haribhau Sonkusare
322	Vivek Uday Fulmali
323	Yash Girdhari Bhisikar
324	`shoaib Hassan Akhtar Md Sarfaraz Alam





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## Sindhi Hindi Vidya Samiti's DADA RAMCHAND BAKHRU SINDHU MAHAVIDYALAYA

Kaka Tilokchand Rughwani Marg, Panchpaoli, Nagpur-440017

### This e-certificate is being awarded to

#### Ms. Aaliya Parveen Kalim Ansari

of class B.Com. Sem.II for his/her active participation & successfully qualifying in the Certificate Course on "Basics of Income Tax" organised by the Department of Commerce of our college.

Academic Session: 2023-24

Dr. Richa Kalyani Coordinator

Mr. G.G. Rughwani

Mr. G.G. Rughwani HOD **Dr. V.M. Pendsey** Off. Principal

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# DADA RAMCHAND BAKHRU SINDHU MAHAVIDYALAYA DEPARTMENT OF COMMERCE

**Session: 2023-24** 

Date: 24/01/2024

#### **Notice**

This is to inform all the students Of B.com Sem II that the certificate course in "BASICS OF GST" will be starting from 03/03/2024 to 24/03/2024. The timings for the certificate course will be from 11.30 a.m to 12.30 pm. The class will be held in TF-01.

#### **Course Co-ordinators**

**Head of the Department** 

Dr. S.V. Tewani

Mr. G.G.Rughwani

Dr. Amit S.Nanwani



#### Dada Ramchand Bakhru Sindhu Mahavidyalaya, PANCHPAOLI, NAGPUR

#### **Department of Commerce**

#### **Certificate course in Basic of GST (Goods and Services Tax)**

#### 1.0 Overture:

GST stands for "Goods and Services Tax", and is proposed to be a comprehensive indirect tax levy on manufacture, sale and consumption of goods as well as services at the national level. GST is the paradigm shift in the Indian taxation system which has brought a superfluity of opportunities for finance professionals in the field of practice as well as jobs.

The course is proposed to design for commerce students in order to augment their GST related knowledge. It may cover the basics of GST, important terminologies and concepts, applicability and impacts. It is proposed to provide fundamental & practical knowledge of Procedure of GST Registration, Procedure of GST Return submission. The students will understand GST right from basic theoretical knowledge to practical implications.

To help students with the ongoing changes and to make them GST experts Dada Ramchand Bakhru Sindhu Mahavidyalaya has introduced the "Certificate Course on Basic GST (Goods and Services Tax)".

#### 2.0 Need of the Course:

GST (Goods and Services Tax) is historical indirect tax reform in India. There has been a paradigm shift in the Indirect Taxation system with the GST rollout on 01st July 2017. It is really important to understand and assimilate the new GST in Indian Taxation System.

All the students, especially enrolling B.Com courses, should possess basic knowledge of GST taxation system in India. Curriculum for Bachelor of Commerce (B.Com) of various universities, including RTM Nagpur University, include a complete subject on Indirect Tax, especially in their final semesters.

Hence, B.Com. Students must know the ongoing changes and to make them GST experts. GST is a new taxation module and many people are not much aware about this. Hence, the people knowing GST will become in demand for the businesses and companies for their better taxation administration. Finally, it is going to create significant job opportunities as well as candidates can work independently on return filing, taxation and statutory compliance.

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#### 3.0 Objective of the Course:

The objective of this Certificate Course is to provide basic knowledge and practical aspects of GST to all students. The Certificate Course on GST aims to provide specialized and updated knowledge in the area of GST by skilling students. It also aims to acquaint commerce students with basic knowledge of GST in Indian Taxation System to enrich their knowledge about Procedure of GST Registration, Procedure of GST Return submission, etc.

#### 4.0 Outcome from the course:

After successful completion of the course, students would be capable of Good and Service Tax (GST) registration, returns and in-depth accounting and recording of GST transactions.

### Dada Ramchand Bakhru Sindhu Mahavidyalaya Department of Commerce Session 2023-2024

Certificate Course: BASICS OF GST

Sr.No.	Name of Students
1	Aaliya Parveen Kalim Ansari
2	Aanchal Dhiraj Mendhe
3	Aarchi Rajesh Kriplani
4	Abhay Sundar Pal
5	Aditya Pradeep Gemnani
6	Aditya Narendra Amarnani
7	Afreen Begum Ashfaque Ali Shah
8	Akansha Santosh Pal
9	Alina Mushtaque Sheikh
10	Amrita Kanhaiya Tiwari
11	Anisha Gopal Dewani
12	Anushka Vijay Gedam
13	Ashvini Dhanraj Tagde
14	Ashwini Dilip Parate
15	Ashwini Raju Purwani
16	Asma Kausar Mohammad Anees Ansari





17	Balram Rajkumar Dholwani
18	Behla Murtaza Ratlamwala
19	Bhinesh Yugalkishor Sahu
20	Bhoomika Ashok Rajpal
21	Bhumika Murli Narayani
22	Bushra Iram Mohd Yaseen
23	Chinky Harish Talreja
24	Devika Jaripatka Chawla
25	Dhanshree Chandrashekhar Ninawe
26	Dhawal Ramesh Vyas
27	Dheeraj Mahesh Dipani
28	Dimple Narayan Kewlani
29	Govind Rajesh Vaswani
30	Gulshan Anilkumar Kukreja
31	Gun Dilip Tahilyani
32	Gunjan Pankaj Lokhande
33	Gunjan Rajesh Arjapure
34	Gurpreet Singh Harbaksh Singh Multani
35	Harsha Vijay Brijwani
36	Iqra Naaz Mohammad Irfan Mohammad
37	Isha Pradip Kashyap
38	Jagruti Yuvraj Bisen
39	Juhi Manoj Jeswani
40	Jyoti Chandulal Gopani
41	Kanak Duryodhan Sakhare
42	Karan Ashok Khanchandani
43	Kareena Girish Chhablani
44	Kashish Mukesh Bajaj
45	Kashish Umesh Varyani
46	Kawaldeep Singh Bagal
47	Khemchand Mohan Moundekar
48	Khushboo Ram Budhrani
49	Khushboo Anil Ajwani
50	Khushboo Khatoon Hakeem Ansari
51	Khushi Suresh Chelwani
52	Kuldeep Anil Jagyasi





53	Kusoomm Prem Mulchandani
54	Lavina Shankar Khanchandani
55	Lavina Kamal Khilwani
56	Mala Nakulram Bajaj
57	Mamta Yashwant Netam
58	Mohit Vishan Ahuja
59	Monalika Vijay Kumbhare
60	Monika Prakash Ramchandani
61	Muskan Ajeet Sewani
62	Muskan Kaur Paramjeet Singh Sandhu
63	Nikhil Washdev Veerwani
64	Nitin Vinodnarayan Sharma
65	Palak Sunil Pritmani
66	Palak Dilip Dhanrajani
67	Pallavi Rajkumar Kuhikar
68	Pankaj Surendra Malang
69	Piyush Anoop Hariramani
70	Poonam Chandruram Makhijani
71	Prachi Maroti Bawankule
72	Pragati Shankar Bagde
73	Prakhar Mohanlal Jagwani
74	Pranjal Rajesh Kadwe
75	Pratham Devidas Sawlani
76	Pratik Jairamdas Ramrakhiyani
77	Prerna Pawan Bhagia
78	Prerna Prakash Moundekar
79	Rahul Rangilal Yadav
80	Rajiv Sunil Balani
81	Raksha Ramesh Sontakke
82	Rashi Prakash Vazirani
83	Rayeesuddin Alauddin Ansari
84	Ritesh Arun Patil
85	Ritesh Santosh Wankhede
86	Rohit Sundar Vaswani
87	Rohnit Rajesh Banode
88	Roshni Nilesh Motwani





89	Ruchika Raju Prajapati
90	Rutuja Pravin Vaidya
91	Sahil Moti Motwani
92	Sakshi Devanand Dhanrajani
93	Sakshi Sharad Tiwari
94	Sakshi Devanand Gudankwar
95	Sanskrati Balram Keshwani
96	Sargam Ramu Verma
97	Sejal Mukesh Sadhwani
98	Shraddha Mahendra Sahu
99	Shruti Rajkumar Sewani
100	Shruti Omprakash Moon
101	Shrutika Omdeo Gonnade
102	Shweta Jitendra Bansod
103	Sneha Sunil Mansach
104	Sumaiya Kausar Sumaiya Kausar Shah
105	Suvarna Shravan Satpute
106	Tanisha Chelaram Bodhwani
107	Teena Bharat Nankani
108	Teesha Bramha Methwani
109	Twinkle Ashok Goswami
110	Ujala Yuvraj Kuhikar
111	Vaishnavi Kamal Jethani
112	Vanshika Bisan Uikey
113	Vijeta Suresh Kumar Dhanrajani
114	Vinay Amit Gour
115	Vishakha Gyan Chand Kamdar
116	Yash Vijay Khemchandani
117	Yash Jalandhar Barapatre
118	Yash Tarachand Gour
119	Yash Pramod Bhagchandani
120	Yogesh Sadashiv Kalelkar
121	Aarti Premlal Rahangadale
122	Abhishek Sawant Ramteke
123	Achal Madhukar Khergade
124	Aditya Prabhakar Hurle





125	Aditya Deonath Barapatre
125	Ahsanul Haque Nurul Haque Rayeen
126	Aniket Rajkumar Mandhalkar
127	Anjani Mahesh Batheja
	Anuradha Ramchand Shahu
129	Apush Rajesh Paunikar
130	Aryan Rajesh Bagde
132	Aryan Pradeep Shesani
133	Atharva Kishor Morghade
134	Ayush Omdeo Gonnade
135	Ayush Rahul Bhaisare
136	Ayushi Uday Nikose
137	Aznaaz Mohammad Altaf
138	Bansi Ramkumar Khatri
139	Bhushan Ashok Thawani
140	Bhushra Kousar Ekbal Sheikh
141	Chaitanya Shekhar Thakre
142	Chaitanya Shivraj Bodele
143	Chandan Khemchand Dhanukka
144	Chhaya Rajesh Sahu
145	Damanpreet Jaspal Singh Hunjan
146	Diksha Krishna Hirwani
147	Divya Arvind Waghmare
148	Divya Ramkishan Barapatre
149	Doleshwar Suryaprakash Naidu
150	Gauri Sagar Rangari
151	Gautam Roshan Jagpal
152	Greshi Shivprasad Buwade
153	Harsh Ashok Selwatkar
154	Harsh Mohan Ranglani
155	Heer Dilesh Barmate
156	Hitesh Omprakash Hedau
157	Inamul Haq Narool Haq Rayeel
158	Ishika Mahesh Kandrikar
	Jasnoor Kaur Baljeet Singh Bhatia
159	Jaykumari Pralhad Baghel
160	Jitesh Mahesh Vaswani
161	STEESTI TATALICSII A ASMAIII





162	Kajal Bhagwan Lawankar
163	Kamal Vinod Daryanani
164	Khushali Chintaman Nikhare
165	Komal Narayan Verma
166	Kshitij Kantilalji Mobhaiyye
167	Lakshya Dheeraj Jethani
168	Lucky Rama Umredkar
169	Mandeesh Amrinder Tathe
170	Mansi Radheshyam Rana
171	Maqsood Ahmad Musawvar Hussain
172	Mohammad Huzaifa Mohammad Zaheer
173	Mohammad Irfan Ansar Ahmad Shah
174	Mohammad Ismail Mohammad Jilani Sheikh
175	Mohammad Qaisar Raza Abdul Kalam Mohammad
176	Mohinuddin Asiuddin Sheikh
177	Nandini Vishal Sakhare
178	Neha Narendra Nikhare
179	Nikhil Munnalal Kanojiya
180	Palak Purushottam Nagpurkar
181	Pankaj Vijay Madnani
182	Parimita Lokchandra Manapure
183	Payal Vasanta Bangde
184	Piyush Vijay Taklikar
185	Pooja Ganesh Tandulkar
186	Pornima Raju Bangade
187	Prashant Baijnath Shahu
188	Pratik Ravi Karonde
189	Prem Anil Kumar Rajani
190	Priyanka Dharmendra Khapekar
191	Rahul Madanlal Thakre
192	Ranjan Umesh Thakur
193	Ritik Devram Nonare
194	Roshni Ashok Gonnade
195	Ruchika Omraj Tidke
196	Rutesh Suraj Baisware
197	Sakshi Ramdas Rokde





1	Sakshi Anil Mate
198	1111
199	Saloni Dhanraj Ben
200	Samiksha Shashikant Meshram
201	Sana Firdous Mohammad Urman Ansari
202	Sana Firdous Mo Sakil Zadiye
203	Shalini Anil Dewangan
204	Shivshankar Beniram Choudhary
205	Shrutika Rajendra Khot
206	Shubham Udayraj Shahu
207	Simran Kanhaiya Gadriye
208	Soumya Akhilesh Verma
209	Suhani Nitin Narele
210	Swarnit Ravindra Suryawanshi
211	Trupti Rajesh Barapatre
212	Umme Abhiya Alim Khan
213	Vaishnavi Kamalnath Khairiyya
214	Vansh Amit Nimje
215	Varun Sunil Chhatwani
216	Vivek Ladharam Lalwani
217	Vivek Ghanshyam Kewalramani
218	Vivek Ramnaresh Rathor
219	Yogita Dilip Anjole
220	Zamanat Fatema Farman Ali
221	Aachal Basant Maskare
222	Aayush Vinod Uchabagle
223	Abhijeet Mukesh Waman
224	Abhishek Vasanta Gathibandhe
225	Aditya Shailesh Sahare
226	Adityakumar Omprakash Yadav
227	Ajit Rajmani Shahu
228	Alisha Deepak Nagdive
229	Amrapali Narendra Ragase
230	Anusaya Ashok Dhakate
231	Anush Vilas Urkude
232	Apeksha Rajesh Nikhare
233	Awesh Raza Akil Ahmad Ahmad
200	





234	Ayush Rajesh Parate
235	Balkrishan Dilip Chavhan
236	Bhumika Devanand Moundekar
237	Bhumika Sadanand Dayme
238	Chhatrapal Jagpal Sahu
239	Dhara Narendra Barapatre
240	Dolly Narendra Barapatre
241	Durgesh Dilip Sahu
242	Dushyant Mohan Tekan
243	Fazil Riyaz Ahmad Qureshi
244	Gaurav Pomesh Nimavat
245	Gaurav Khushal Shahu
246	Harsh Prakash Ingole
247	Harshit Prahlad Chourasiya
248	Isha Bhojraj Wanjari
249	Jatin Balkrushna Kanoje
250	Jay Krishnarao Waghdhare
251	Karan Rajesh Yadav
252	Kashish Sitaram Nimje
253	Khushi Shankarji Kolhe
254	Kirtan Shailendra Kadam
255	Kirti Devendra Sonwani
256	Laxmi Santosh Tilasi
257	Lucky Laxman Netam
258	Mahi Ajay Shahu
259	Mangal Bisahu Kurre
260	Mangesh Kuvarlal Nagpure
261	Mihir Prashant Kamble
262	Mohammad Aabid Mohammad Israil Ansari
263	Mohammad Farhan Mohammad Irfan Mohammad
264	Mohammad Mukid Mohammad Shakir Ansari
265	Mohammad Shoeb Mohammad Shoeb
266	Mohd Arshan Mohd Salim Khan
267	Mohd Imran Mohd Siraj Mohd
268	Muskan Ajay Bokde
269	Muzahid Yusuf Sheikh





ı	
270	Nandini Machindar Mohod
271	Nayab Sharif Abdul
272	Neha Santosh Varma
273	Nilesh Noharlal Avathe
274	Pari Dilip Patil
275	Piyush Santosh Chandankar
276	Pooja Dilip Meshram
277	Pornima Laxman Parate
278	Prajakta Shrikrushna Kaikade
279	Pranali Jagdish Barapatre
280	Pratik Ashok Rangari
281	Priya Santosh Sahu
282	Priyanka Sagar Bokde
283	Priyanshu Amar Rangari
284	Rahul Jagdish Ninawe
285	Reshma Satish Tarare
286	Rishu Kallu Patel
287	Riyaj Islam Khan
288	Rizwan Nafees Malik
289	Rohan Rajendra Yadav
290	Rohit Devanand Meshram
291	Rushabh Sanjay Parate
292	Sahil Vikas Gajbhiye
293	Saloni Suraj Waghmare
294	Sanam Khushal Dheshpande
295	Sanket Prakash Tale
296	Sapandeep Kaur Jagdish Singh Pawar
297	Sarzeel Noor Patel Zahid Noor Patel Noor Patel
298	Shailesh Dilip Vyas
299	Shantanu Sunil Chikhale
300	Sheikh Sahil Sheikh Yakub Sheikh
301	Shivam Pramod Sethiya
302	Shweta Vinod Ninave
303	Sohel Yunus Sheikh
304	Sonam Abdul Salam Sheikh
305	Sufiyan Sheikh Jibrail Sheikh
	•





. Vidva Samiti

Tanmay Ramdas Choudhari
Toufique Munawar Khan
Tushar Ravindra Bobade
Twinkal Rajesh Gokhale
Vaishnavi Tejram Deshmukh
Varsha Shankar Nagalkar
Vicky Vijay Hedau
Vicky Krishna Parve
Vicky Yadav Gondadiya
Vidhanshu Rupesh Rokde
Vijay Nandlal Mallewar
Vikas Tarachand Bhongade
Vikas Pitambar Nirmalkar
Vilas Pitambar Nirmalkar
Vinita Rakesh Gravkar
Vishika Haribhau Sonkusare
Vivek Uday Fulmali
Yash Girdhari Bhisikar
`shoaib Hassan Akhtar Md Sarfaraz Alam

#### **REPORT**

Department of Commerce: Certificate Course on "BASICS OF GST"

2023-2024

A Certificate Course on "Basics of GST" was conducted for all the students of B.Com 1st Year (2023-24) from 04/03/2024 to 23/03/2024. The course included basic knowledge of GST, important terminologies and concepts, applicability and impacts. Fundamental & practical knowledge of Procedure of GST Registration, Procedure of GST Return submission. The number of students enrolled in the course were 324.

Course Coordinators-

Dr. S.V.Tewani

Dr. Amit S Nanwani





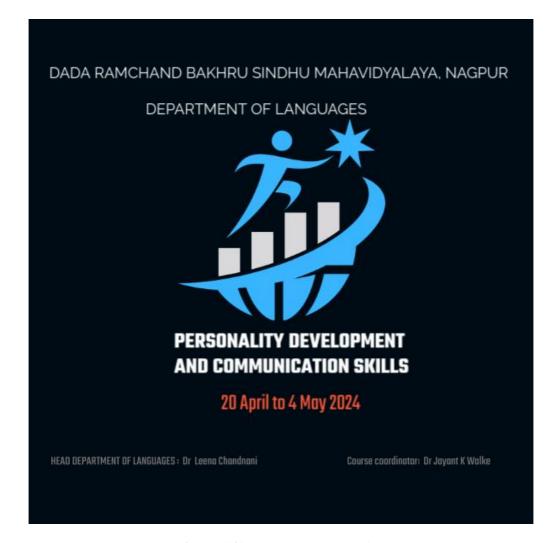
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### Certificate course in Personality Development and Communication Skill

Session 2023-24

Period: 20 April to 04 May 2024

Time 11.40am to 1.40 pm

The world is becoming more competitive everyday than it was ever. Students are required to acquire many skills to be in competition and excel in their profession. It is generally seen that the students lack soft skills. They have fear for many things like public speaking, speaking in English, interviews, etc. They lack in the areas like pronunciation, linguistic skills, body language, etiquettes and manners. It is therefore the need of the hour that the course module,

'A Certificate course in Personality Development and Communication Skill'



is prepared to give training to students in the areas mentioned above.

#### **Objectives of the course:**

- 1. To develop English speaking skill
- 2. To make students aware of correct pronunciation
- 3. To enhance the vocabulary of students
- 4. To give them training in spoken English so that their hesitation to speak English would be over
- 5. To make them aware of using correct words and write correct spellings of words commonly mis-spelt.
- 6. To develop public speaking skill
- 7. To teach them the correct body language
- 8. To teach them the interview techniques
- 9. To develop their overall personality

This year the certificate course was held from 20 April to 04 May 2024. The course was designed for 30 hours. Each day lectures were conducted for two hours. The topics that were dealt with were -

- 1. Language skills
- 2. Vocabulary Development
- 3. Public Speaking
- 4. Body language
- 5. Interview Techniques

About 101 students attended the course. The students were given important tips on the topics mentioned above.

The coordinator of the certificate course was Dr J K Walke, Dr Leena Chandanani, Head Department of Languages, Dr Suman Keswani and Dr Sapna Tiwari took efforts to impart training to the students. The students were given certificates after completion.

Dr V M Pendsey, Principal, Dada Ramchand BakhruSindhu Mahavidyalaya, Vice principals of the college Dr Tewani and Dr Thadhani appreciated the efforts of the Department of Languages for the successful completion of the course.





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#### ONLINE CERTIFICATE COURSE IN BASICS OF INSURANCE LAW

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur is offering a one-month Certificate Course in "*Insurance Laws*". The Certificate Course aims to develop the skills, which are required to deal with the legal and practical aspects related to regulation of Insurance regime in India. The program aims to provide practical knowledge pertaining to Insurance field and various requirements under diverse statutes.

#### **OBJECTIVES OF THE COURSE:**

- 1. To familiarize students with the fundamental principles of insurance law.
- 2. To provide a sector-specific analysis of India's various insurance laws.
- 3. To provide students with a good grasp of the practical circumstances that diverse stakeholders in the Indian insurance system experience in their professional lives.
- 4. To give knowledge of current insurance legislation developments in India

#### **COURSE OUTCOME**

This course is divided into six modules and covers various laws that regulate the Indian insurance system. This course will cover all of the major components of the insurer-insured relationship in various types of insurance contracts. The course has been created to provide students with a step-by-step approach to dealing with various insurance-related concerns in India. The course coordinator has taken special care to make the course modules more accessible to students who do not have a legal background.

This certificate programme entails in-depth study of general insurance, life insurance, fire insurance, and other related laws. This course will not only give students a fundamental understanding of Indian insurance legislation, but it will also give them an in-depth look at the insurance-related compliance requirements using appropriate illustrations and judicial decisions.



Officiating Principal
Dada Ramchand Bakhru
Sindhu Mahavidyalaya, Nagpur-17

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#### **COURSE CONTENT**

- INTRODUCTION & GENERAL PRINCIPLES OF INSURANCE
- INSURANCE DOCUMENTS
- FIRE INSURANCE
- MOTOR INSURANCE
- LIFE & HEALTH INSURANCE
- LEGISLATIVE AND REGULATORY FRAMEWORK

#### **EXAMINATION/AWARD OF CERTIFICATE/ADMINISTRATION:**

Examination will be conducted after the completion of the course via online mode (Multiple choice questions on Google Form))

Candidates who attend complete course & pass the examination will be awarded a Certificate by Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur

#### **SYLLABUS**

#### 1. INTRODUCTION & GENERAL PRINCIPLES OF INSURANCE

- 1. Development & Growth of Insurance in India
- 2. Definition, Nature and Significance of Insurance.
- 3. Principles of Insurance
- 4. Classification of Insurance
- 5. Contract of Insurance.
- 6. Risk & Risk Handling

#### 2. INSURANCE DOCUMENTS

- 1. Proposal Forms.
- 2. Policy Forms.
- 3. Cover Notes.
- 4. Certificate of Insurance.
- 5. Endorsements.
- 6. Renewal Notice.
- 7. Other Insurance Documents
- 3. FIRE INSURANCE
- 1. Introduction
- 2. The Standard Fire & Special Perils Policy.
- 3. Fire Hazard & Fire prevention
- 4. Claims Legal Aspects

#### 4. MOTOR INSURANCE

- 1. Introduction
- 2. Motor Vehicles Act, 1988
- 3. Personal Accident Cover for Owner-Driver
- 4. Theft Claims

#### **5. LIFE & HEALTH INSURANCE**

- 1. Introduction
- 2. Kinds of Life Insurance-Whole life Policy, Endowment Policy, Term Policy
- 3. Free Look Period Provisions
- 4. Health Insurance Products in India
- 5. Health Insurance Claims Management



#### 6 LEGISLATIVE AND REGULATORY FRAMEWORK

- 1. Insurance Act, 1938.
- 2. The Insurance (Amendment) Act, 2002.
- 3. General Insurance Business (Nationalisation) Amendment Act, 2002.
- 4. I.R.D.A. Regulations, 2002

#### **REPORT**

#### Department of Commerce Certificate Course on Basics of Insurance 2023-2024

A Certificate Course on Basics of Insurance was conducted for all the students of **B. Com Sem IV** (2023- 24) from **26/3/2024 to 26/4/2024.** 

The course provided in-depth study of general insurance, life insurance, fire insurance, and other related laws. It provided the students a fundamental understanding of Indian insurance legislation, and, also gave them an in-depth look at the insurance-related compliance requirements using appropriate illustrations and judicial decisions.

The venue for the course was Google Meet and the timings were from 4.30 a.m. to 5.30 p.m. The number of students enrolled in the course were 198.

Course Coordinators-

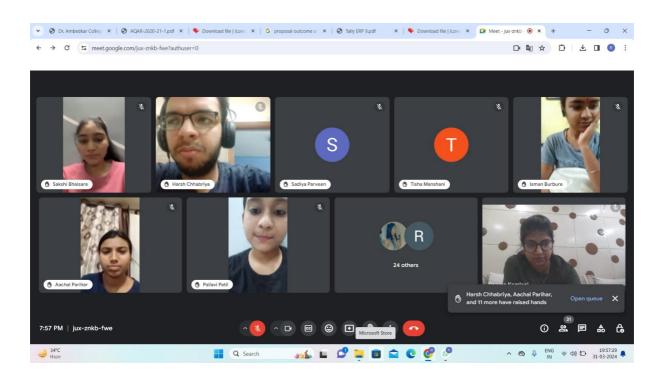
Dr. M.L. Vanjari

Dr. Reema Kamlani





Vidya Samiti



#### List of Students

Sr.No.	Name of Students
1	Akshita Devanand Barapatre
2	Ambika Ganesh Gour
3	Ankit Ajayrao Barapatre
4	Anurag Manoj Tiwari
5	Arshdeep Singh Saini
6	Asfar Zafarullha Khan Khan
7	Bharti Sanjay Moundekar
8	Bhumika Mahesh Kandrikar
9	Chandan Krushnadas Shahu







10	Deepak Narendra Chelani
11	Deepak Anil Nainani
12	Dhawal Ramesh Vyas
13	Dimpal Umesh Dewangan
14	Diya Sanjay Budhlani
15	Ganeshdatta Gangasagar Mishra
16	Gaurav Mahesh Valecha
17	Gayatri Sitaram Janmanchi
18	Harshita C Sarapalli
19	Hasan Mahmood Hasan
20	Himanshu Pramod Meshram
21	Jaya Shitaldas Katariya
22	Jyoti Anil Sachdev
23	Kanan Omprakash Gidwani
24	Karan Kanhaiyalal Godhwani
25	Kartik Harish Nainani
26	Kashish Chandan Rohada
27	Kashish Bhushan Bellani
28	Kashish Shankar Danani
29	Lavina Gopi Ferwani
30	Manish Bhaurao Dhakate
31	Mantasha Kausar Akhtar
32	Mehvish Saheb Khan
33	Mohak Rajesh Chandani
34	Mohammad Rafiq Afarid
35	Mohd Fahad Ashfaque Ansari
36	Mohit Anil Hotwani
37	Muskan Nandlal Jarani





38	Nandani Anil Gahlod
39	Neha Chhatrapal Kushwaha
40	Nusrat Fatema Ayyub Khan
41	Palak Vijaykumar Jethani
42	Palash Sunder Burde
43	Pawan Ajay Kumar Keshwani
44	Poorvi Vijay Hotlani
45	Pratik Vasudev Sadhwani
46	Priyanka Prakash Ninave
47	Priyanshu Sagar Bokade
48	Rafia Imteyaz Ahmed Sheikh
49	Rahul Ramsingh Marskole
50	Ranglani Roshani Amarlal
51	Rani Lalchand Batra
52	Rishika Harish Kumar Sadhwani
53	Ritika Sanjay Dey
54	Riya Naresh Gour
55	Riya Subhash Lulla
56	Saba Irshad Siddiqui
57	Sadiya Parveen Shamsher Aalam
58	Safura Eram Murtuza Ansari
59	Sahil Harish Lakhwani
60	Sakina Parveen Mohd Jalal Ansari
61	Saneha Harish Kapoor
62	Sanidhya Rajkumar Gupta
63	Saniya Omprakash Ambwani
64	Sanket Kamlesh Bamhnote
65	Seema Pardesi Dewangan





66	Shivam Rajendra Nilkute
67	Shrideep Uttam Chakraborty
68	Shubhangi Mohan Gonnade
69	Sneha Rajendra Shahu
70	Sumit Rajendra Shahu
71	Taher Khuzema Ratlamwala
72	Tanishq R Galani
73	Tisha Dilip Chandnani
74	Tisha Manoharlal Manshani
75	Urvashi Rajesh Setiya
76	Vansh Tarachand Jarani
77	Vansh Santosh Pal
78	Vanshika Ishwar Nandurkar
79	Vanshika Sunil Tulswani
80	Vinay Rajkumar Assudani
81	Vishal Mahesh Methwani
82	Vishal Murlidhar Valecha
83	Yash Raju Pounikar
84	Yash Rajesh Patil
85	Yash Vijay Kumar Ranglani
86	Yashika Gyanchand Tharwani
87	Yogita Tukaram Shahu
88	Yusuf Aliasger Bandukwala
89	Aanchal Vinod Parihar
90	Akshay Waman Paunikar
91	Arshi Bano Akil Sheikh
92	Aryan Arvind Dohale
93	Bhagyashri Gopal Nandanwar





94	Bhumi Mathura Prasad Yadav
95	Chanda Prakash Ninave
96	Chetan Jagdish Narad
97	Deep Rajeshkumar Vaswani
98	Dhananjy Manoj Joshi
99	Dhanshree Narayan Mohane
100	Divya Prabhakar Wakodikar
101	Harsh Sanjay Kumbhare
102	Harsh Doulat Chhabriya
103	Harsha Gajanan Sonkusare
104	Harshada Hemraj Nikhare
105	Harshika K Nandanwar
106	Himanshu Janardhan Hedau
107	Isha Suresh Sonkusare
108	Ishika Bhaurao Borikar
109	Isman Sanjay Burbure
110	Jayshree Raju Bende
111	Jayshree D Waghade
112	Ketan Tularam Meshram
113	Khema R Mohadikar
114	Khushi Dibakar Singh
115	Khushi Gangadhar Mandlik
116	Komal R Barapatre
117	Krutika Arvind Waghmare
118	Lokesh R Vishwakarma
119	Mahak Lakhan Dakah
120	Manthan Prakash Dhande
121	Mohit Ramesh Harde





122	Neha Ranjeet Gawai
123	Nidhi Dharmendra Chapre
124	Nilam Rajkishore Pandey
125	Nupur Manohar Moundekar
126	Palash Ravindra Sawarkar
127	Pallavi Suresh Patil
128	Pallavi Dnyaneshwar Raut
129	Poonam Kishor Bulkar
130	Praful R Deodhagle
131	Prajwal Manohar Bawane
132	Priyanka Girdhar Kolhatkar
133	Priyanshu Ganesh Sorte
134	Raja Suresh Yadav
135	Rishika Santosh Hedau
136	Ritika Rajesh Jain
137	Rohini Bhola Samundre
138	Rohit Khushal Nagpure
139	Rupesh Pyarelal Borkar
140	Sakshi Dharmpal Bhaisare
141	Saransh Vinod Hedau
142	Sayali Bharat Aate
143	Sayyed Sadaf S Bashir Ali
144	Shivam Sanjay Durge
145	Shivani Santosh Prajapati
146	Shruti G Surayawanshi
147	Shubham Anil Shende
148	Srushti Suresh Nikhare
149	Tejaswi Ramesh Neware





150	Tina Rajesh Kaithwas
151	Vaishnavi Raju Hatekar
152	Vaishnavi Mahendra Parate
153	YASH LOMESH PARATE
154	Aastha Dipak Prajapati
155	Alfiya Kausar Kaisar Hussain
156	Bhumika Bhanudas Sawlikar
157	Chetana Rajesh Nandanwar
158	Dhanshree Manohar Durge
159	Divya Dinesh Dongre
160	Fiza Parveen Aas Mohammad
161	Harsha Vasanta Hedau
162	Kajal Pramod Sondhiya
163	Khushi Suresh Bage
164	Madhuri Ramnath Moure
165	Mahjabee Mo Manjoor Ansari
166	Manisha Rajesh Selokar
167	Minakshi Ramesh Bargat
168	Minakshi Setu Ahirwar
169	Mohammad Uzaif Mohammad Asif Ansari
170	Nishika Ashok Nimje
171	Pransha Vinod Dhamgaye
172	Prerna Raju Zanzote
173	Rajat Mangesh Sawaikar
174	Reshma Indal Paswan
175	Ritik Anil Tapre
176	Sagar Vinayak Chavan
177	Sakshi Niranjan Manerao





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178	Sanskruti Sandesh Meshram
179	Sapna Samaru Meshram
180	Shraddha Shailesh Varma
181	Shreya Shivanand Gedam
182	Sonal Dhanraj Rahangdale
183	Suhani Santlal Kori
184	Suhani Rajesh Meshram
185	Suman Munnalal Bamhan







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#### Introduction:

Bee-keeping/ Apiculture is a process of rearing of honey bee. Throughout the world mainly four species of honey bee exists *Apisdorsata*, *Apis mellifera*, *Apis indica*, *Apisflorea*. Bee by-products like honey, wax, royal jelly and propolis has a good market value. Rearing and maintenance of artificial bee hive is a technical skill and should be spread through students and society for the sustainable development.

#### **Objectives:**

- Beee-keeping is develops as a cottage industry in India
- It is based on agro-industrial small scale management
- It is a good self employment technique
- Through this course, students should aware about skill and techniques to handle the artificial bee have



• This cultivated crop of bee products has a great demand and market value

#### **Syllabus:**

#### Unit I:

- 1.1 Introduction to beekeeping
- 1.2 Apparatus for beekeeping
- 1.3 LAngstroth's Hive (Artificial Hive)
- 1.4 Advantages of extensive beekeeing

#### Unit II:

- 2.1 The Colony and its organization
- 2.2 Types of individuals in a colony
- 2.3 Developmental stages and brood rearing
- 2.4 Division of Labour, beehive and swarm

#### **Unit III:**

- 3.1 The manipulation of bees
- 3.2 Spring management
- 3.3 Apiary Management
- 3.4 Handling of bees

#### **Unit IV:**

- 4.1 Marketing of Honey crop
- 4.2 Production of extracted honey and wax
- 4.3 Sources of nectar and pollen
- 4.4 Bees diseases and enemies

#### **Practical:**





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- 1) Demonstration of bee hive handling
- 2) Introduction to bee keeping apparatus
- 3) Study of Langsthroth's Hive
- 4) Demonstration of life cycle of bee
- 5) Permanent micro-preparation of various parts of Alimentary canal
- 6) Mounting of Mouth parts, Sting and Hind-leg
- 7) Harvesting of bee-products like honey, wax and royal jelly
- 8) Dissection of alimentary canal and salivary glands
- 9) Visit to different Apicultural centre

# DADA RAMCHAND BAKHRU, SINDHU MAHAVIDYALAYA, NAGPUR Department of Zoology

# CERTIFICATE COURSE IN BEE-KEEPING 2023-2024

Sr. No.	Name of students
1.	Saleha Khatoon
2.	Jatin Nandwani
3.	Ashmeera Khan
4.	Anam Fatema
5.	Priyanka Sharma
6.	Nazneen Kausar
7.	Adiba Fatema
8.	Alshifa Naaz Khan
9.	Bhumika Bhandarkar



10.	Yogita Shahu
11.	Sarita Randive
12	Ritika Udapure
13	Ahmad Shafaque Naaz Niyaz
14	Chakradhar Tisha Rupesh
15	Channe Shruti Rajesh
16	Fale Satakshi Rajesh
17	Firdous Tayyaba Firdous Abdul Khalique
18	Kewalramani Kashish Dilip
19	Khan Shaineela Anjum Muneeruddin Qazi
20	Hedaoo Dipali Ramdas
21	Kaikade Kajal Shriram
22	Kewalramani Kashish Dilip
23	Khan Shaineela Anjum Muneeruddin Qazi
24	Anchal Shailesh Dhargave
25	Ashlesha Jagdish Sarve
26	Dimpal Gendlal Gedam
27	Gaytri Sagar Shende
28	Manasvi Pramod Patil
29	Prachi Ajay Mandlik
30	Prajwal Maroti Watare
31	Monika Bindeshwari Prasad Yadav
32	Neha Vijay Tarare
33	Nikhat Afreen Afreen
34	Roshni Asim Shahare





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#### D.R.B. <u>Sindhu</u> Mahavidyalaya

**Department of Microbiology** 



#### **Certificate course in Bio-fertilizer Production**

- Bio fertilizer is sustainable approach and improve soil fertility.
- It is based on Integrated organic approach over chemical fertilizer
- It is good self employment technique
- Easy production & Market demand







## In-charge DR.SUJATA MANKAR

Assistant Professor and Head
Department of Microbiology

Course Fees: Rs.400/-For B.Sc.-First Year

#### **Certificate course in Bio-fertilizer Production**

#### **Introduction:**

Nitrogen, phosphorous and potassium are the three major plant nutrients. Fertilizer industry greatly depends on petroleum reserves that will be almost exhausted. It is estimated that annually 25.1mt of nutrients (N, P, K) are removed from the soil. Whereas, only 15.0 mt are supplied from soil sources including organics. The fertilizer production in our country is less than the required amount. Organics wastes and biofertilizers are the alternate sources to meet the nutrient requirement of crops. Furthur, knowing the deleterious effects of using only the chemical fertilizers on soil health, use of chemical fertilizers supplemented with organic waste and biofertilizer help in efficient and sustainable management of soil ecosystem.

A **biofertilizer** is a substance which contains living microorganisms, when applied to seed, or soil, colonizes the rhizosphere or the interior of the plant and promotes growth by increasing the supply or availability of primary nutrients to the host plant. In biofertilizer microbes remain symbiotically associate with plant roots and provide lots of beneficial effect to the plant





Certain microorganisms like bacteria; they live freely in the soil and perform nitrogen fixation. Some of them are saprotrophic, living on organic remains, e.g., *Azotobacter, Bacillus polymyxa, Clostridium, Beijerinckia*. and blue-green algae or free-living cyanobacteria, have the property of nitrogen fixation, e.g., *Anabaena, Nostoc, Aulosira, Totypothrix, Cylindrospermum, Stigonema*. have the ability to use atmospheric nitrogen and transfer this nutrient to the crop plants. Some of these nitrogen fixer like rhizobia are obligate symbionts in leguminous plants, while others like *Azospirillum* colonize root zones and fix nitrogen in loose association with plants.

### **Objectives:**

- Bio-fertilizer is ecofriendly, sustainable approach, no harmful effect and improves soil fertility.
- It is based on integrated organic approach over chemical fertilizer.
- It is good self employment technique.
- Easy production and cost- effective.
- Low investment & Market demand

### **Syllabus:**

- Unit-I Introduction, Definition, types of Biofertilizer
- Unit-II Details free living and symbiotic nitrogen fixing Bacteria
- Unit-III Study of Rhizobium and Azotobacter sp.
- Unit-IV Mass Production, Packaging and Marketing





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## DADA RAMCHAND BAKHARIJ SINDHU MAHAVIDYALAYA Bepartment of Microbiology

# Sin dertificate course in Bid-fertilizer Production pur A Premier Higher Education Linguistic Vinnority Institutes Run By Sindhi Hindi (Sessiondy 2023:12024)

Sr. No.	NAME OF STUDENTS ENROLLED
1	ALIYA ANJUM ANSARI
2	AASHIR IZHAN AHMED Ansari
3	ABHISHEK ASURAJ MOTGHARE
4	AMARJEET RAMNIVAS RAI
5	ALFIYA ANJUM ANSARI
6	ALFIYA MOHAMMAD SHAKEEL
7	ANCHAL MUKESH CHANDWANI
8	ANISHA RUPESH PATIL
9	ANJALI KISHORILAL SAHU
10	ANSHIKA GOPAL SAHU
11	ANUSHRI DINESH BAGDE
12	ARSHIYA FIRDAUS IQBAL AHMAD ANSARI
13	ASHIKA GANESH PRADHAN
14	ARPIT MUNNAPRASAD PAL
15	AYUSH VIJAY KAWADE
16	ASHWINI MORESHWAR SARANGPURE
17	DHANASHREE SUNIL MANDLIK
18	DHANI RAJKISHOR TAMRAKAR
19	DISHA DINESH BHOWATE
20	FARHAN KHAN NASIR KHAN KHAN

21	HEENA KOUSHALKUMAR BANPELA
22	HUZAIF UR RAHMAN ABDUL RAHMAN ANSARI
23	HUZAIFUDDIN HASINUDDIN QUAZI
24	KAJAL BHARAT THAKRE
25	KHUSHITA KHUSHAL KALBANDE
26	LAIBA FIRDOUS SHAIKH MATEEN SHAIKH
27	LATA VINOD KATEKAR
28	MAHEK MOHAMMAD AJIJ SHEIKH
29	MAHI DILIP MAKHIJANI
30	MANSI UMASHANKAR SAHU
31	MANTASHA NAAZ MOHAMMAD FAROOQUE ANSARI
32	MANTASHA PARVEEN GAYASUDDIN ANSARI
33	MARIYA SYED RAJIL ALI
34	MDSIBTAIN MDSHAKIR SHEIKH
35	MOHAMMAD JUNAID MOHAMMAD HANEEF ANSARI
36	MOHAMMAD SALAR ZAKIR KHAN
37	MOHAMMAD SAMEER ABDUL MUJIB ANSARI
38	MUAZ ATIQUE UR REHMAN ANSARI
39	NIDA SHRIYA R. ANSARI
40	SANIYA I. KHANDALE
41	TAMANNA JAMBHULKAR



Vidya Samiti







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Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur Department of Mathematics

### **Certificate Course**

on

# Numerical Skill Development for Competitive Exams

B.Sc. SEM II

### **Topics to Discuss:**

- · Vedic Mathematics
- · School Mathematics
- · Business Mathematics
- · Statistics and data intrepretation



Dr. A. A. Qureshi Dr. Rupali Wanjari



This is to inform to the students of B.Sc. I<sup>st</sup> year that Certificate Course on 'Numerical Skill Development for Competitive Exams' is to be conducted from 3<sup>rd</sup> July 2024 to 13<sup>th</sup> July 2024 in Room No. FF4 at 11.00 am. You will get certificate after successfully completing to the certificate course.

### **Syllabus**

#### Unit I

- Vedic Mathematics
- Basic mathematics through ancient approach numbers
- Algebraic Operations





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- Square, Cubes
- Square root, Cube root
- Average

#### **Unit II: School Mathematics: -**

- > HCF. LCM of numbers
- Number system (Binary, chemical and their conversion)
- > Problem on ages
- > Ratio-proportion
- > Time and distance

#### **Unit III: Business Mathematics: -**

- > Simple Interest
- Compound Interest
- Profit and loss
- Maximization
- ➤ Logarithms
- > Partnership
- > Time and work

#### Unit IV: - Statistics and data interpretation

- Mean, mode, median
- Correlation
- > Standard deviation
- > Tabulation
- ➤ Bar graph
- ➤ Pie charts and Line graphs

### Dada Ramchand Bakhru Sindhu Mahavidyalaya **Department of Mathematics**

Session 2023-2024

### Certificate Course: Numerical Skill Development for Competitive Exams

List of Student's Enrolled

Sr.No.	Name of Students
1	Niharika dhiraj dongre
2	Shradha chavhan
3	Alizeba Bano Siddiqui







4	Yukta Nandkishor Shastrakar
5	Noorsaba maksood khan
6	Prachi pandre
7	Saima Mohammd Zaheer Ansari
8	Jitendra madhukar sahu
9	Unnati. Tekeram. Badole
10	Shruti parate
11	Fauziya Fatma Sheikh
12	Valiya zareen
13	Mansi vishwakarma
14	Naman Nagrare
15	Pallavi kishor Nagdeve
16	Aachal Dashrath Bisen
17	Akshat Santosh Pali
18	Arun Santosh Shahu
19	Aryan Tarachand Gonnade
20	Atikesh Kiran Shende
21	Chaitali Govinda Pandit
22	Bhumika Lallu Patel
23	Divya Sudhir Bawne
24	Gouri Manojrao Ghatbandhe
25	Jyoti Ramasare Gupta
26	Khushi Kishor Wadibhasme
27	Harsh Charode
28	Akshay Vijay Hedau
29	Mahek Mangesh Meshram
30	Meghga Bandu Bhimte
31	Mehavish Javed Sheikh
32	Nilakshi Satish Shendre
33	Vedant Sudhir Kurve
34	Ritu Ravi Verma
35	Roshan Suman Nishad
36	Rutu Vishal Dambhare
37	Shravan Sachin Dongre
38	Shubham Prakash Sonkusare
39	Snehal Prakash Kumbhalkar
40	Tanishq Ashok Chaure
41	Yash Sukhdev Kumbhare





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42	Vedant Sudhir Kurve
43	Sukhdev Kumbhare
44	Muskan Sakhare
45	Pranika Dhengre
46	Sana Kausar
47	Komal Galpathat
48	Preeti Verma
49	Sakshi Patil
50	Diya Meshram
51	Zeenat Firdous
52	Shabahat Fatima
53	Saniya Sadaf
54	Anushka Harode
55	Mandeep Randhawa
56	Sujal Meshram
57	Naved Tulla
58	Abuzer Ansari
59	Alok Zade
60	Kamlendra Saket
61	Akshat Pali
62	Aniket Nimje

### DRB Sindhu Mahavidyalaya, Nagpur **Department of Mathematics Report on Certificate Course** (2023-24)

One month Certificate course for the mathematics students of B.Sc. Ist year who enrolled for the course has been conducted from 14th August 2024 to 24th August 2024 on the topic " Numerical Skill Development for Competitive Exams". About 62 students participated in it. After completion of the course we have conducted examination for the enrolled students on 26th August 2024.





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सूचना

9 मार्च 2024

बी.कॉम प्रथम वर्ष एवं बी.एससी. प्रथम वर्ष के विद्यार्थियों को सूचित किया जाता है कि **दिनांक 15 मार्च** 2024 से 30 मार्च 2024 तक (15 दिन ) अनुवाद व्यवसायिक प्रशिक्षण प्रमाण पत्र पाठ्यक्रम भाषा विभाग हिंदी द्वारा आयोजित होने जा रहा है। वे विद्यार्थी जो अनुवाद प्रमाण पत्र पाठ्यक्रम में प्रतिभागिता करना चाहते हैं , उन्हें ऑनलाइन पंजीयन करना आवश्यक होगा। अनुवाद प्रमाण पत्र पाठ्यक्रम हेतु इच्छुक विद्यार्थी को 15 मार्च के पूर्व ही अपना पंजीयन कराना आवश्यक है। उसके बाद किए गए पंजीयन को अनुवाद पाठ्यक्रम में स्थान नहीं मिल सकेगा । अतः जल्द से जल्द अपना ऑनलाइन पंजीयन कर अपना स्थान सुनिश्चित कर लें।

347177912

डॉ सपना तिवारी

डॉ. लीना चंदनानी



Officiating Principal Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur-17



. Vidva Samiti

दिनांक 15 मार्च 2024 से 30 मार्च 2024 तक वी.कॉम प्रथम वर्ष व वी. एससी. प्रथम वर्ष के विद्यार्थियों के लिए भाषा विभाग हिंदी द्वारा 15 दिन का अनुवाद व्यावसायिक प्रशिक्षण प्रमाण पत्र पाठवकम प्रारंभ हो रहा है। अनुवाद पाठवक्रम की कक्षाएं प्रतिदिन 11:30 am से 1:30 pm तक रहेगी। तथा महाविद्यालय के अवकाश के दौरान अनुवाद संबंधित पाठवक्रम ऑनलाइन कक्षा के माध्यम से चालू रहेगा । पाठवक्रम में पंजीकृत विद्यार्थियों की प्रतिदिन की उपस्थिति ऑफलाइन व ऑनलाइन अनिवार्थ रहेगी । पाठवक्रम में 2 दिन से अधिक अनुपस्थित रहने वाले विद्यार्थी को प्रमाण पत्र नहीं दिया जाएगा ।

डॉ. लीना चंदनानी

संयोजिका

#### अनुवाद पाठ्यक्रम

- अनुवाद का अर्थ, स्वरूप एवं क्षेत्र
- अनुवाद की प्रक्रिया और प्रविधि
- अनुवाद के प्रकार
- वर्तमान समय में अनवाद की महत्ता व उद्देष्य
- अनुवाद की आवष्यकता
- साहित्य के क्षेत्र में
- षिक्षा के क्षेत्र में
- संस्कृति के क्षेत्र में
- व्यवसाय के क्षेत्र में
- नव्यतम ज्ञान-विज्ञान के क्षेत्र में
- राष्ट्रीय एकता के क्षेत्र में
- साहित्यिक अनुवाद और उसकी समस्याएँ
- अंतरभाषिक अनुवाद और उसकी समस्याएँ
- अंग्रेजी के संदर्भ में
- मराठी के संदर्भ में
- हिंदी के संदर्भ में

annaak)





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### DADA RAMCHAND BAKHRU SINDHU MAHAVIDHYALAYA, NAGPUR ANUWAD WY, WASAIK PATHYAKRAM 2023-24

15 March to 30 March 2024

#### Attendance Sheet NAME Aachal Dashrath Bisen PPPPAPP PA 1 PPAPPPPAPAP Aarti Sanodiya AARUSHI EEPAK PATIL PPAPAPPPP 4 Akansha Brijlal Yadav APPPPAPPAPP PPAPPPPAPP 5 Akansha Sanjay Bliede Akansha Santosli Pal PPPP APAPAP PPPPPPPPPP Alfiya Moliammad Sliakeel Alishna Ta'iyyaba PPPPA PPP PPA APPPPPPP 10 Alizeba Jahangeer Siddiqui 10 ANAM PEER MOHAMMAD SIDDIQUI PPPPAPPP 11 Anjali Kishorilal Sahu PPPPPAPPP 12 Anjali Soni -APP P PPP 13 Ankita BhJndarkar PPPPAPPPA P 14 Anusya Ashok Dhakate PPPAP PP P P 15 Apeksha dajesha Nikhare PPPAPPPP 1 PPAPPPP 16 Armish Parveen Sheikh PPP 17 Arshiya Firdaus Ansari PAPAPPPPAPP 18 Ashika Gapesh Pradhan PPPPAPPPPPPP 19 Ashmeera S. khan PPAPPPPAPP 20 ASHWINI bNYANESHWAR THORAT PPPPPAPPP 21 Aznaaz Mo. Altaf PPPAPPP AP 22 Barkha Amarnani PPAPPPPPP 23 Bharti Dh' esh Naravanbanshi PPPAPPPP AP 24 Bhavesh Jeswani PPAPPPAPPP 25 Bhumika Sanjiv Moundeka PAPPAPPPA 26 Bhumika Suresh Bhandarkar PPPAPPPPPA 27 Danish Imran Ansari PPPPPPPAPAPPP Deepak Motwani APPPPPPPPPP 29 Devesh Khilwani PAPPPPPAPPP APPPPPAPPPP Dhani Tayrakar Dimpal Shahu PPPPAPPP





1																
32	Divya Barapatre	P	0	0	Λ	0	0	0	Λ		0		0	10	Γ <sub>0</sub>	_
33	Doleshwar S. Naidu	P	P	A	P	P	1	1	19	P	4	P	r	1	1	A
34	Faiziya Tarannum	7	P	P	1		P	P	P	P	A	P	P	P	ρ	A
35	Farhan Khan	8	0	ρ	F)	P	P	P	P	P	P	A	P	P	P	ρ
36	Fauziya Fatma Sheikh	P	-	r	P	A	P	P	f	A	P	P	P	P	A	P
37	Gourav Ka <sup>†</sup> shinath Kokode	P	P	P	P	A	P	P	P	ρ	P	P	P	P	4	P
38	Gunjan Omre	P	P	_	-	P	A	P	P	P	Α	P	8	9	A	P
39	Harsh Cho'rode	A	+-	P	P	P	f	P	A	f	-	f	P	P	A	P
40	Heer Barmate	P	P	P	P	A	P	P	P	f	8	A	P	P	P	P
41	Isha Daslirath Wankliede	e		_	P	P	1	P	P	A	P	P	P	P	A	P
42	Ismail J. Słïeikh	P	P	A	P	-	P	P	A	P	P	P	1	P	P	7
43	Jasmin Anil Waghmare	P	_	9	-	P	P	0	P	P	P	9	A	P	P	P
44	Jaspreet	P	P	_	A P	P	P	P	P	P	P	P	A	P	P	·
45	Jay kumar Jaswant Assudani	1	P	P	9	P	-	P	9	A	P		P	P	P	P
46	litendra Madhukar Sahu	P	P	8	P		P	P	P	P	P	P	P	•	P	P
47	Jubiya Sadaf Ansari	A	P	P	P	P	P	P	_	P	P	P	P	P		P
48	Kajal	P	P	A	P	P	P	P	A	P	P	P		ρ	P	P
49	Kajal Bharat Thakre	e	2	P	A	P	P	P	P	P	•	P	P	P	P	
50	Kamlendra Saket	P	A	P	P	P	P	P	·P		A P	P	P	_	f	A
51	Kashish Mahendra Shahu	P	P	P	P	P	P	Α	P	P	P	P	A	$\rho$	ρ	P
52	Kashish Zqd	P	A	P	P	P	P	P	P	A	ρ	Α	P	P	P	A
53	Khushi Gupta	P	P	P	Ā	ρ	P	P	ρ	P	ρ	ρ	Α	ρ	ρ	P
54	Kirpa Manoj Goutel	P	P	P	P	A	P	P	P	f	ρ	ρ	ρ	P	P	ρ
55	Komal Galphat	P	P	A	₽	₽	ρ	ρ	ρ	Δ	ρ	ρ	P	P	Δ	P
56	Lalita Mohadikar	P	P	A	ρ	ρ	Α	ρ	ρ	Α	P	ρ	P	8	A	P
57	LATA VIN D KATEKAR	P	P	P	P	Α	P	P	ρ	P	Α	P	P	P	P	P
58	Lavesh Sadhwani	A	P	ρ	P	P	₽	Α	P	P	P	f	P	P	P	P
59	Laxmi Santosh Tilasi	P	P	ė	P	P	P	P	P	P	A	P	P	P	P	P
60	Leena Liladhar Andhalgaonkar	P	A	P	ρ	P	P	P	P	P	P	Α	ρ	P	ρ	P
61	Leena Nilkanth Selukar	P	P	P	Α	P	P	P	P	Α	ρ	P	ρ	P	P	P
62	Mahek ShCikh	P	P	P	P	A	ρ	P	P	P	P	P	P	P	Α	P
63	Mahi Makhijani	P	P	A	P	P	P	P	P	P	ρ	Α	P	P	P	P
64	Mahi Shahu	P	A	ρ	P	P	P	P	Α	P	P	P	Α	$\rightarrow$	P	ρ
6S	Mahima Vijay Darwade	P	A	P	P	P	P	P	P		P	P	A	•	P	A
66	Mangal Kurre	A	P	P	P	A	P	A	P	P	P	4	1	-	-	ρ
67	Mansi Parasnath Vishwakarma	P	P	P	A	P	P	P	1	ρ		$\rho$	P	٢	ρ	A







68	Mansi Rajesh Borkar	A	8	P	A	P	P	A	P	P	P	P	P		P	1
69	MANSI UMASHANKAR SAHU	9	P	P	P	ρ	A	P	P	P	P	A	P	P	P	A
70	Mariya Ali	9	P	A	P	P	P	P	P	P	A	P	P	P	1	F
71	Mohamma"d Mukid Mohammad Shakir Ansari	P	۵	P	P	P	P	P	P	P	R	P	P	A	P	f
72	Mohammad Salar Khan	R	6	P	A	P	P	P	P	P	P	A	P	P	P	6
73	Mohd. Imran	A	P	P	P	P	ρ	P	A	P	P	P	P	P	A	f
74	Mohit Laxman Bokde	P	e	P	A	P	P	P	P	A	P	P	P	P	P	1
75	Mujahid Sheikh	A	P	P	P	P	P	P	P	P	P	P	P	P	A	1
76	Natasha Kalicharan Nandesliwar	P	R	P	P	P	A	P	P	f	P	P	P	P	A	6
77	Nayanshi Waghmare	A	P	P	P	P	P	P	P	P	P	P	A	P	P	1
78	Nazneen kausar	P	P	P	A	P	P	P	P	P	P	P	P	A	P	1
79	NAZRAH PARVEEN EJAZUL HASAN	A	P	P	P	P	P	P	8	P	P	P	P	P	P	F
80	Nida Khatoon Khan	P	P	P	P	A	P	P	P	P	P	A	P	P	P	1
81	Nida Sharma	P	P	Δ	P	P	P	A	P	P	P	P	A	P	P	f
82	Niharika Dhiraj Dongre	10	P	P	P	P	P	A	P	P	P	P	P	P	9	1
83	Nitin Parate	A	P	P	P	P	A	P	P	P	P	P	A	P	P	1
84	Noorsaba Maksood Khan	P	P	P	P	A	P	P	P	P	P	P	P	P	P	1
85	Palak	A	P	P	P	P	A	P	P	P	A	P	P	P	P	f
86	Palak Bambode	P	P	P	A	P	P	P	P	٩	P	P	P	P	P	1
87	Pallavi Kishor Nagdeve	P	A	P	P	P	P	P	A	P	P	8	A	P	P	1
88	Payal Raju Vishavkarma	R	P	A	P	P	P	P	P	P	A	P	P	P	P	
89	Piyush Khanchandani	P	P	P	A	P	P	A	P	P	P	P	A	P	A	
90	Pooja Ganesh Tandulkar	P	P	P	P	P	P	P	P	P	P	A	P	P	P	1
91	Prachi Jay\$nt Bhide	P	P	A	P	P	P	P	P	A	1	P	A	P	P	1
92	Prachi Pandre	A	P	P	P	P	P	P	P	P	P	P	P	A	P	
93	Pranali Ba\apatre	P	P	P	P	P	A	P	P	P	P	P	P	P	A	1
94	Pranali Dhalinge	P	A	10	R	P	P	P	A	P	P	P	P	A	P	1
95	Pravin Bankar	P	P	A	P	R	P	P	P	A	P	P	P	A	1	1
96	Preeti t	A	P	1	P	P	1	P	P	P	P	A	P	P	P	1
97	Rajni Ramdas Shahu	P	P	P	8	P	P	P		P	P	P	P	P	A	
98	Reshma Satish Tarare	A	P	P	P	P	P	P	P	P	P	P	P	A	P	1
99	Richa Prashant Kotangale	P	P	P	P	A	P	P	A	P	P	P	P	P	A	P
10	0 Ritika Ravindra Udapure	P	P	A	P	P	P	P	P	A	P	P	2	f	P	f
10	1 Riya Sunil Cokhale	P	F	P	P	P	A	P	P	P	P	P	A	P	P	1
	2 Rohini Bhola Samundre		10			1 -	1	1 4	P	P	P		P		P	1







140	Siya JagdiSh Nİmje	PERAPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP
141	SUMBUL B\$NO MUKARRAM ALI SIDDIQUI	PAPPOPPPPPAPPP
142	Swati Mukesh Dewangan —	R R R R A R R A R R R R R R P
143	TáRÍShka Daheriya	APAPPAPPPPPPPPP
144	l'aniya Shltalprasad Dhakate	e e e A e e e e e e e e e e e
145	TİSha Manshahi	e A e e e e e e e e e e A e
146	Trushali Râmdas Mule	A PAPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP
147	TWinkle Gokhale	REPEAPPERAPAPP
148	Umme Narriira Ansari	REPERLAPEPPAPPA
149	Uzaif Hasan	Ir PPPPPFFFFFFF
150	Uzma Anjum	APPPPPPPPPPAPP
151	Vaishnavi 5ishor Janbandhu	PPPAPPPPPPPAPP
152	Vaishnavi Verma	PPPPPPPPPPPAA
153	Vansh Anil Sahani	PARPPPPPRPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP
154	Vansh Nirvije	PPPPPP PPPPAPAPAP
155	Vansh Santosh Pal	RRRPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP
156	Vansham ,Dnyaneshwar Sadmake	PPPAPPPPAPPAPPP
157	Varun Gajriya	PPAPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP
158	Vedika Pillai	PPPPAPPPPPPPPP
159	Vikas NirĞalkar	PAPPPPPPPAPPPAP
160	Vivek Ramnaresh Rathor	PPPPPAPPPP°P
161	Vivek Udya Fulmali	PPPPPPPPAPPA
162	YOGITA GANESH SHAHU	PARAPPPPPPPAPP
163	Yukta Nandkishor Shastrakar	REPERAPPT PAPPE
164	Zeenat Ansari	Referance en el



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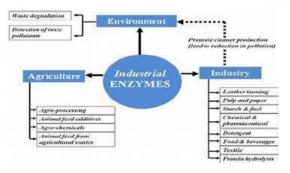
Dada Ramchand Bakhru Sindhu Mahavidyalaya Department of Biochemistry



### "Certificate course on Enzymology & its Industrial Applications"

Coordinator- Dr(Mrs) Damini R. Motwani Session 2022-2023 daminimotwani7@gmail.com

9970999562





Course Duration: 30 Hours (Theory and Lab included)

#### DEPARTMENT OF BIOCHEMISTRY

### DADA RAMCHAND BAKHRU SINDHU MAHAVIDYALAYA

#### **NAGPUR**

# CERTIFICATE COURSE IN ENZYMOLOGY AND ITS INDUSTRIAL APPLICATION

Department: Department of Biochemistry, Dada Ramchand Bakhru Sindhu

Mahavidyalaya, Nagpur

Incharge: Dr (Mrs)Damini R.Motwani

**Assistant Professor, Department of Biochemistry** 







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**Duration**: 30 hrs

Theory: 15 hours Practical: 15 hours

Registration fees : 300/-

Maximum capacity: 30 students /Batch

#### INTRODUCTION

Enzymes are well-known biocatalysts and their discovery is remarkable in the field of bioprocess technology. Enzymes are biocatalysts that catalyze various biochemical reactions in the living organisms. Apart from being catalytic in vivo, enzymes can also act as catalysts in vitro for various reactions. The enzymes find application in various industries, including food, feed, pharmaceutical, diagnostics, detergent, textile, paper, leather, and fine chemical industries and also have proven utility in bio-conversions and bioremediation. These bio-industries require enzymes possessing special characteristics for their applications in processing of substrates and raw materials. The special characteristics of enzymes are exploited for their commercial interest and industrial applications, which include: substrate specificity, tolerance and stability to a varied range of pH and temperature and other harsh reaction conditions, high rate of reaction and biodegradability. These unique properties of enzymes allow enzyme assisted processes in industry to run at milder reaction conditions, with improved yields and reduced waste generation. Industrial applications represent more than 80% of the global market of enzymes. Industrial production of enzymes requires a clear understanding of the associated scientific and technological issues.

### **OBJECTIVES**

The course aims to provide students with understanding of basic fundamental principles of Enzymology. The students will learn and gain knowledge about mode of action of enzymes, factors affecting enzymes activities, isolation and purification of enzymes and industrial applications of enzymes.



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### **Syllabus Theory**

- 1. Brief introduction of enzymology, historical highlights.
- 2. Classification of enzymes.
- 3. Enzymes as proteins, their structure.
- 4. Enzyme cofactor and substrate relationship.
- 5. Factors affecting enzymes activity like pH, temperature etc
- 6. Enzyme separation techniques.
- 7. Purification of Enzymes.
- 8. Enzyme Kinetics
- 9. Enzymes linked immunoassay techniques.

### **Syllabus Practicals**

- 1. Colorimetric enzyme assay.
- 2. Coupled enzyme assay.
- 3. Determination of Km & Vmax of the enzymes
- 4. Column Chromatography
- 5. Partial purification of enzyme & enzyme kinetics
- 6. Enzyme Kinetics and determination of rate constant

# Dada RamchandBakhru SindhuMahavidyalaya Department of Biochemistry Certificate Course (SemIII/IV) Session 2023-2024

Sr no	Name of Student
1	DIKSHAVISHALBAGESHWAR
2	GRACYDHIRENDRANANDGAVE
3	KAHKASHAFIRDOUSMOHDMERAJ
4	KAHKASHANFIRDOUSMANZOORAHMAD
5	KAJALCHANDRAPRAKASHYADAV







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KALYANIVIKRAMTURANKAR
MAHINANWARALI
NUHIPARVINFIROZANSARI
PRIYANSHINARAYANRAMTEKE
PUJAACHALSURYAWANSHI
RAUNAQUEFATEMAMOHAMMADHAIDERSAYYED
SADAFPARVEENMOHAMMADRAISANSARI
SAMIKSHARADHESHYAMPURE
SANIYAFAZALHAQSHEIKH
TWINKALRAVIKANTDHARGAVE
ZAHURAANJUMANSARI
ZAMZAMMEHVISH
ZAOFISHANJABEENANSARI
ZAVERIYANAAZMOKAISARSHEIKH
AMMARASHRAFABDULAQUILKHAN
ANUGRAHVIJAYKOTANGLE
EHTESHAMATHARRIYAZAHMAD
MOHAMMADAHESANMOHAMMADSHAHIDQURESHI
SHUBHAMRAVIMESHRAM







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### Introduction:-

Hydroponics is the practice of growing plants without soils. Most commonly, hydroponics cultivates plants in nutrient – rich water, although hydroponics can also be considered to be the practice of growing plants. In other aggregates, such as a soil – less bark – based/Perlite or Coir Peat mix. Hydroponics is an advantageous method of cultivation for domestic and commercial use. There are no weeds to deal with, and hydroponic plants are typically more healthy, mature earlier, and use less space.

Hydroponics/Soilless cultivation is a fast mushrooming all over India and there is a dire need for horticulture skills. Some of the students looking at a career can highly benefit from this training certificate course from our reputed institution.

### Objective:-

- To develop technical skill of the students.
- To provide self employment oppournity to the students.
- To apply horticultural knowledge to hydroponic culture.





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### Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur **Department of Botany** List of Students (Session: 2023-24)

**Certificate Course: Certificate Course in Hydroponics** 

Sr.No.	Name of Students						
	Sem. I						
1	Faiziya Tarannum						
2	Vivant Ambade						
3	Shreyash Dongre						
4	Sakshi Sahare						
5	Kajal Khadse						
6	Amrish Sheikh						
7	Taskeen Khan						
8 Sumaiya Rasheed							
9	Ramsha Salam						
10	Raunak Meshram						
Sem. III							
11	Ahmad Shaziya Anjum Matin						
12	Bawankar Bharti Bhagyawan						
13	Chawla Sandhya Dilipkumar						
14	Dewangan Somya Mukesh						
15	Hedaoo Aman Santosh						
16	Kawale Ruchi Shivshankar						
17	Larokar Aanchal Prakash						
18	Nimje Tushar Shalik						
19	Ramteke Mihir Madhukar						
20	Singhariya Jyoti Shivkumar						
21	Yadav Sujata Prakashsingh						
	Sem. V						
22	Afiya Naz Mohd Asif						
23	Anushka Amit Bagde						
24	Asefa Parveen Ansari						
25	Huma Taskeen Mohd Mustafa Ansari						
26	Kashish Raja Shahu						
27	Khilen Santosh Gurupanch						
29	Mrunali Rajesh Wasnik						
30	Prachi Ajay Mandlik						
31	Prajwal Maroti Watare						





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### **REPORT**

## DADA RAMCHAND BAKHRU SINDHU MAHAVIDYALAYA, NAGPUR

### **DEPARTMENT OF BOTANY**

### CERTIFICATE COURSE "HYDROPONICS"

**Session 2023-24** 

Certificate course conducted by the Department of Botany in session 2023-24 under the able guidance of Dr. Megha Bhambri (Co-ordinator). Around 31 students of B.Sc. Semester I, III & V were enrolled for the course. Hydroponics helps to develop technical skill of the students, give opportunity to them to apply horticultural knowledge to hydroponic culture and also develop self-employment skills in them.







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### Certificate course on Food Safety and Quality Management

#### Course Contents:

Understanding the implementing guidelines of food safety system Basics of Microbiology Different Types of Food Basics of Food Safety and Personal Hygiene Implementation of Food Safety Food Preservation methods



Course Duration: 30 hours [Theory and Lab included]



### DEPARTMENT OF MICROBIOLOGY



Dada Ramchand Bakhru Sindhu Mahavidyalaya

#### INTRODUCTION

The main concerns of the food industry are the safety of products and brand reputation. Organisations that produce, manufacture, handle or supply ingredients and food recognize the need to assure customers that their products are safe and free from contamination. Failures in the food supply chain can not only be dangerous to customers but prove costly in terms of company reputation, financial penalties and shareholders' value. Food is an essential part of everyday life and managing its preparation is important to make sure the food you serve is safe to eat .High profile food related incidents such as those involving Salmonella and E.coli have only served to increase general awareness of food safety issues. Changes to the food safety legislations will require that all food business, including caterers, apply food safety management procedures based on the principles of Hazards Analysis and Critical Control Point (HACCP) to their business.







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#### **OBJECTIVES**

To impart students with basic knowledge relating to food safety and principles of preservation.

To familiarize students with food safety for employment in food industry.

### Participants will gain knowledge on

- Understanding the implementing guidelines of food safety system
- Basics of Microbiology
- · Different Types of Food
- Basics of Food Safety and Personal Hygiene
- Implementation of Food Safety
- · Food Preservation methods

#### **SYLLABUS**

Unit I Introduction to Food Safety and Preservation

Unit II Purpose and Scope of Preservation

- Objective of preservation and processing
- Scope of preservation industry

Unit III Post harvest changes in fruits and vegetables and Spoilage

- · Physical Chemical and microbiological changes in fruits and vegetables
- · Factors affecting growth of microorganism and control major

Unit IV Food pathogens and its detection methods

- · Isolation and identification of pathogens in food
- Detection of coliforms in food sample
- Detection of Salmonella

Unit V Food safety and Quality Management

- · Key terms, factor affecting food safety
- Food additive and contaminants
- · Hygiene and sanitation
- HACCP







CE	RTIFICATE COURSE ON FO	OD S	AFF	TVA	ND	OH	ALIZ	TV A		46	CAA	CALT	erce	MON	202	13-2	4
SR NO	NAME OF STUDENTS	16	17	18	19			22	23					2.7	28	29	30
1.	AAYESHA PARVEEN ANSARI	A	A	A	p.	A	P	P	P		-	P	P	P	P	P	P
2.	AISHWARYA M.MARODE	A	A	P	A	A	A	P	F	)	ρ	P	P	P	P	P	P
3.	ALISHAA ASHISH DONGRE	P	p	p	P	P	p	P	+	-	P	A	A	P	p	P	P
4.	ANTARA SANJAY AGRAWAL	p	P	p	P	p	P	p	F	)	ρ	P	A	A	P	P	P
5.	ARBIA SADAF ANSARI	ρ	ρ	P	P	ρ	P	A	F	1	ρ	P	P	P	P	P	P
6.	ARSHI FATEMA JAFRI		A	A	A	P	A	P	P	1	р	ρ	P	P	P	P	P
7.	DARAKHSHAN ANJUM ANSARI	P	P	P	P	P	P	f	A	-	A	A	A	A	A	A	P
8.	DILPREET KAUR B. SINGH BIJI	P	P	P	P	P	P	1	P	)	P	p	P	P	P	A	A
9.	DIYA PRAKASH DARYANI	P	P	P	P	P	P		2	ρ	P	P	P	P	P	P	P
10	JAVERIYA TABASSUM AKHTAR	P	P	P	P	P	P	f	1	,	ρ	Р	P	P	P	P	P
11	MAHEK BAWANGADE	p	P	P	P	P	F	)	2	P	P	P	P	P	F	P	P
12	MRUNMAI SUMEDH UKEY	P	P	P	P	P	P	1	0	P	P	A	A	A	A	P	P
13	RAVNEET KAUR GHOTRA	P	P	P	P	A	f		A	A	A	P	P	P	P	P	
14	RUTUJA ANIL NAGLE	P	P	P	P	P	F	7	)	A	A	A	P				~
15	SADAF TAHSEEN SYED	P	P	P	P	1	0 1	0	0	P	P	P	P	-	P	P	P
16	SAMIKSHA SATISH SHIVHARE	P	P	P	P	P	F	) 1	)	P	A	A	A	A			
17	SANCHI D. PANTAWANE	P	P	P	P	f	1	2	0	P	P	1	0 4	1			
18	SUKHADA A. INAMDAR	P	P	P	P	P	, 1	9	A	A	P		PF	0	D f	0	PP
19	AAYUSH DHANRAJ CHAVHAN	P	P	P	P	P		P	P	P	P	P	, 6	)	P	P	PF
20	MOHAMMAD OBAID ANSARI	P	P	P	P	1	0	ρ	0	P	f	0	A	9	P	P	PF
21	PRIYANSHU P. NITNAWARE	P	P	P	1	2	P	P	P	P	-	0	0 1	0 1	P	P	PP
22	SHEIKH FAIZKHAN IKRAM	P	P	0	P			P	P	P	1	P		P	A	2	PP







CEI	DADA RAMCHANI DEI	AR	TM	ENT	CAL	3.4	10.00	an	100		F187					22.2	127	
SR	NAME OF STUDENTS	OD S	AFE	TY A	ND	QU	ALIT	Y M	AN	AG	EME	NT S	SESS	ION	20	23-2	4	-
NO	OI STODENTS	16	19	18	19	20	21	22	2	2 2	24	25 3	1	27	28	29	3	0
1.	AAYESHA PARVEEN ANSARI	n	A	A	A	A	P	P	P	+	/		2	P	P	P	P	
2.	AISHWARYA M.MARODE	A	A	P	A	A	A	P	1	1			P	P	P	P	6	>
3.	ALISHAA ASHISH DONGRE	P	p	P	P	P	p	P	ı		P	n	A	P	p	P	P	
4.	ANTARA SANJAY AGRAWAL	p	P	p	P	p	P	p	1	2	P	P	A	A	P	P	P	)
5.	ARBIA SADAF ANSARI		P	P	P	P	P	A	F		ρ		P	P	P	P	P	
6.	ARSHI FATEMA JAFRI		A	A	A	P	A	P	F		p	ρ	P	P	P	P	P	
7.	DARAKHSHAN ANJUM ANSARI	P	ρ	ρ	P	P	P	P	1	-	A	A	A	A	A	A	f	5
8.	DILPREET KAUR B. SINGH BIJI	P	P	P	P	P	P	P	1	0	P	P	P	p	P	A	f	)
9.	DIYA PRAKASH DARYANI	P	P	P	ρ	P	P	F	)	ρ	P	P	P	P	P	P	1	0
10	JAVERIYA TABASSUM AKHTAR	P	P	P	P	P	P	P	1	0	ρ	P	P	P	P	P		P
11	MAHEK BAWANGADE	p	P	P	P	P	P	F	0	P	P	P	P	P	1	PF	F	>
12	MRUNMAI SUMEDH UKEY	P	P	P	P	P	p	F	5	P	P	A	A	A	A	P	)	ρ
13	RAVNEET KAUR GHOTRA	P	P	P	P	A	A	1	9	A	A	P	P	P	P	f		2
14	RUTUJA ANIL NAGLE	P	P	P	P	P	P	F	-	A	A	A	P	P				P
15	SADAF TAHSEEN SYED	P	P	P	P	F	1	f	)	P	P	P	P	F	f	f	5	P
16	SAMIKSHA SATISH SHIVHARE	P	P	P	P	P	F	P	)	P	A	A	A	A	#	1 1	p	P
17	SANCHI D. PANTAWANE	P	P	P	P	P	P	F	)	P	P	P	F	+	9	-	-	A
18	SUKHADA A. INAMDAR	P	P	P	P	P	f	)	A	A	P	1	9		0 1	P	P	P
19	AAYUSH DHANRAJ CHAVHAN	P	P	P	P	P	1	p 4	p	P	P	P	P	)	P	P	ρ	P
20	MOHAMMAD OBAID ANSARI	P	P	P	P	1	0	P	0	P	f	1	9 #	+	P	P	P	P
21	PRIYANSHU P. NITNAWARE	P	P	P	1	0	P	P	P	P	f	P	+	1	0	P	P	P
22	SHEIKH FAIZKHAN IKRAM	P	P	P	P	1	0	0	0	P	1	9	-		A	A	P	P







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### **NOTICE**

### **Department of Commerce**

# Certificate Course on M. Commerce and Online Transactions 2023-2024

This is to inform all the students of **B. Com Sem VI** (2023- 24) that a Certificate Course on M. Commerce & Online Transactions will be starting from 12/2/2024 to 17/3/2024. The platform for the course will be Google Meet and the timings will be from 4 p.m. to 5 p.m. All the students must attend the course compulsorily.

Course Coordinators-

Dr. G.G. Rughwani

Dr. Bhavna Choudhary







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#### REPORT

# Department of Commerce Certificate Course on M. Commerce and Online Transactions 2023-2024

A Certificate Course on M. Commerce & Online Transactions was conducted for all the students of **B. Com Sem VI (2023- 24)** from 12/2/2024 to 12/3/2024.

The course included an understanding and analysis of the opportunities and scope for business and trading through M-Commerce, legal issues, and privacy in M-Commerce, understanding of the challenges and precautions to be taken while using social media for trading and the different topics mentioned in the syllabus.

The platform for the course was Google Meet and the timings were from 4 p.m. to 5 p.m. The number of students enrolled in the course were 185.

Course Coordinators-

Dr. G.G. Rughwani

Dr. Bhavna Choudhary







Sr.No.	Name of Students
1	Akshita Devanand Barapatre
2	Ambika Ganesh Gour
3	Ankit Ajayrao Barapatre
4	Anurag Manoj Tiwari
5	Arshdeep Singh Saini
6	Asfar Zafarullha Khan Khan
7	Bharti Sanjay Moundekar
8	Bhumika Mahesh Kandrikar
9	Chandan Krushnadas Shahu
10	Deepak Narendra Chelani
11	Deepak Anil Nainani
12	Dhawal Ramesh Vyas
13	Dimpal Umesh Dewangan
14	Diya Sanjay Budhlani
15	Ganeshdatta Gangasagar Mishra
16	Gaurav Mahesh Valecha
17	Gayatri Sitaram Janmanchi
18	Harshita C Sarapalli
19	Hasan Mahmood Hasan
20	Himanshu Pramod Meshram
21	Jaya Shitaldas Katariya
22	Jyoti Anil Sachdev
23	Kanan Omprakash Gidwani
24	Karan Kanhaiyalal Godhwani
25	Kartik Harish Nainani
26	Kashish Chandan Rohada
27	Kashish Bhushan Bellani
28	Kashish Shankar Danani
29	Lavina Gopi Ferwani







30	Manish Bhaurao Dhakate
31	Mantasha Kausar Akhtar
32	Mehvish Saheb Khan
33	Mohak Rajesh Chandani
34	Mohammad Rafiq Afarid
35	Mohd Fahad Ashfaque Ansari
36	Mohit Anil Hotwani
37	Muskan Nandlal Jarani
38	Nandani Anil Gahlod
39	Neha Chhatrapal Kushwaha
40	Nusrat Fatema Ayyub Khan
41	Palak Vijaykumar Jethani
42	Palash Sunder Burde
43	Pawan Ajay Kumar Keshwani
44	Poorvi Vijay Hotlani
45	Pratik Vasudev Sadhwani
46	Priyanka Prakash Ninave
47	Priyanshu Sagar Bokade
48	Rafia Imteyaz Ahmed Sheikh
49	Rahul Ramsingh Marskole
50	Ranglani Roshani Amarlal
51	Rani Lalchand Batra
52	Rishika Harish Kumar Sadhwani
53	Ritika Sanjay Dey
54	Riya Naresh Gour
55	Riya Subhash Lulla
56	Saba Irshad Siddiqui
57	Sadiya Parveen Shamsher Aalam
58	Safura Eram Murtuza Ansari
59	Sahil Harish Lakhwani







60	Sakina Parveen Mohd Jalal Ansari
61	Saneha Harish Kapoor
62	Sanidhya Rajkumar Gupta
63	Saniya Omprakash Ambwani
64	Sanket Kamlesh Bamhnote
65	Seema Pardesi Dewangan
66	Shivam Rajendra Nilkute
67	Shrideep Uttam Chakraborty
68	Shubhangi Mohan Gonnade
69	Sneha Rajendra Shahu
70	Sumit Rajendra Shahu
71	Taher Khuzema Ratlamwala
72	Tanishq R Galani
73	Tisha Dilip Chandnani
74	Tisha Manoharlal Manshani
75	Urvashi Rajesh Setiya
76	Vansh Tarachand Jarani
77	Vansh Santosh Pal
78	Vanshika Ishwar Nandurkar
79	Vanshika Sunil Tulswani
80	Vinay Rajkumar Assudani
81	Vishal Mahesh Methwani
82	Vishal Murlidhar Valecha
83	Yash Raju Pounikar
84	Yash Rajesh Patil
85	Yash Vijay Kumar Ranglani
86	Yashika Gyanchand Tharwani
87	Yogita Tukaram Shahu
88	Yusuf Aliasger Bandukwala
89	Aanchal Vinod Parihar







Arshi Bano Akil Sheikh Aryan Arvind Dohale Bhagyashri Gopal Nandanwar Bhumi Mathura Prasad Yadav Chanda Prakash Ninave Chetan Jagdish Narad Deep Rajeshkumar Vaswani Dhananjy Manoj Joshi Dhanshree Narayan Mohane Divya Prabhakar Wakodikar Harsh Sanjay Kumbhare Harsh Doulat Chhabriya Harsha Gajanan Sonkusare Harshika K Nandanwar Harshika K Nandanwar Illiah Harshika K Nandanwar Illiah Harshika K Nandanwar Illiah Harshika K Nandanwar Khimanshu Janardhan Hedau Illiah Jayshree Raju Bende Illiah Jayshree D Waghade Ketan Tularam Meshram Khema R Mohadikar Illiah Khushi Dibakar Singh Khushi Gangadhar Mandlik Komal R Barapatre Krutika Arvind Waghmare Lokesh R Vishwakarma Mahak Lakhan Dakah	90	Akshay Waman Paunikar
Bhagyashri Gopal Nandanwar  Bhumi Mathura Prasad Yadav  Chanda Prakash Ninave  Chetan Jagdish Narad  Deep Rajeshkumar Vaswani  Dhananjy Manoj Joshi  Dhanshree Narayan Mohane  Divya Prabhakar Wakodikar  Harsh Sanjay Kumbhare  Harsh Doulat Chhabriya  Harshada Hemraj Nikhare  Harshika K Nandanwar  Himanshu Janardhan Hedau  Isha Suresh Sonkusare  Ishika Bhaurao Borikar  Isman Sanjay Burbure  Jayshree Raju Bende  Jayshree D Waghade  Ketan Tularam Meshram  Khema R Mohadikar  Khushi Dibakar Singh  Krutika Arvind Waghmare  Lokesh R Vishwakarma	91	Arshi Bano Akil Sheikh
Bhumi Mathura Prasad Yadav  Chanda Prakash Ninave  Chetan Jagdish Narad  Deep Rajeshkumar Vaswani  Dhananjy Manoj Joshi  Dhanshree Narayan Mohane  Divya Prabhakar Wakodikar  Harsh Sanjay Kumbhare  Harsh Doulat Chhabriya  Harshada Hemraj Nikhare  Harshika K Nandanwar  Himanshu Janardhan Hedau  Isha Suresh Sonkusare  Ishika Bhaurao Borikar  Isman Sanjay Burbure  Jayshree Raju Bende  Ketan Tularam Meshram  Khema R Mohadikar  Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma	92	Aryan Arvind Dohale
Chanda Prakash Ninave  Chetan Jagdish Narad  Deep Rajeshkumar Vaswani  Dhananjy Manoj Joshi  Dhanshree Narayan Mohane  Divya Prabhakar Wakodikar  Harsh Sanjay Kumbhare  Harsh Doulat Chhabriya  Harsha Gajanan Sonkusare  Harshika K Nandanwar  Harshika K Nandanwar  Himanshu Janardhan Hedau  Isha Suresh Sonkusare  Ishika Bhaurao Borikar  Isman Sanjay Burbure  Jayshree Raju Bende  Jayshree D Waghade  Ketan Tularam Meshram  Khema R Mohadikar  Khushi Dibakar Singh  Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma	93	Bhagyashri Gopal Nandanwar
Chetan Jagdish Narad Deep Rajeshkumar Vaswani Dhananjy Manoj Joshi Dhanshree Narayan Mohane Divya Prabhakar Wakodikar Harsh Sanjay Kumbhare Harsh Doulat Chhabriya Harsha Gajanan Sonkusare Harshaka Hemraj Nikhare Harshika K Nandanwar Himanshu Janardhan Hedau Isha Suresh Sonkusare Ishika Bhaurao Borikar Isman Sanjay Burbure Jayshree Raju Bende Jayshree D Waghade Ketan Tularam Meshram Khema R Mohadikar Khushi Dibakar Singh Khushi Gangadhar Mandlik Komal R Barapatre Krutika Arvind Waghmare Lokesh R Vishwakarma	94	Bhumi Mathura Prasad Yadav
Deep Rajeshkumar Vaswani Dhananjy Manoj Joshi Dhanshree Narayan Mohane Divya Prabhakar Wakodikar Harsh Sanjay Kumbhare Harsh Doulat Chhabriya Harsha Gajanan Sonkusare Harshada Hemraj Nikhare Harshika K Nandanwar Himanshu Janardhan Hedau Isha Suresh Sonkusare Ishika Bhaurao Borikar Isman Sanjay Burbure Jayshree Raju Bende Jayshree D Waghade Ketan Tularam Meshram Khema R Mohadikar Khushi Dibakar Singh Khushi Gangadhar Mandlik Komal R Barapatre Krutika Arvind Waghmare Lokesh R Vishwakarma	95	Chanda Prakash Ninave
Dhananjy Manoj Joshi Dhanshree Narayan Mohane Divya Prabhakar Wakodikar Harsh Sanjay Kumbhare Harsh Doulat Chhabriya Harsha Gajanan Sonkusare Harshada Hemraj Nikhare Harshika K Nandanwar Himanshu Janardhan Hedau Isha Suresh Sonkusare Ishika Bhaurao Borikar Isman Sanjay Burbure Jayshree Raju Bende Jayshree D Waghade Ketan Tularam Meshram Khema R Mohadikar Khushi Dibakar Singh Khushi Gangadhar Mandlik Komal R Barapatre Krutika Arvind Waghmare Lokesh R Vishwakarma	96	Chetan Jagdish Narad
Dhanshree Narayan Mohane  Divya Prabhakar Wakodikar  Harsh Sanjay Kumbhare  Harsh Doulat Chhabriya  Harsha Gajanan Sonkusare  Harshada Hemraj Nikhare  Harshika K Nandanwar  Himanshu Janardhan Hedau  Isha Suresh Sonkusare  Ishika Bhaurao Borikar  Isman Sanjay Burbure  Jayshree Raju Bende  Jayshree D Waghade  Ketan Tularam Meshram  Khema R Mohadikar  Khushi Dibakar Singh  Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma	97	Deep Rajeshkumar Vaswani
Divya Prabhakar Wakodikar  Divya Prabhakar Wakodikar  Divya Prabhakar Wakodikar  Divya Prabhakar Wakodikar  Divya Prabhakar Wakodikar  Harsh Sanjay Kumbhare  Harsh Doulat Chhabriya  Harsha Gajanan Sonkusare  Harshada Hemraj Nikhare  Harshika K Nandanwar  Himanshu Janardhan Hedau  Iof Isha Suresh Sonkusare  Ishika Bhaurao Borikar  Isman Sanjay Burbure  Jayshree Raju Bende  Jayshree Raju Bende  Himanshu Janardhan Hedau  Kanan Sanjay Burbure  Ketan Tularam Meshram  Khema R Mohadikar  Khushi Dibakar Singh  Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma	98	Dhananjy Manoj Joshi
Harsh Sanjay Kumbhare  Harsh Doulat Chhabriya  Harsha Gajanan Sonkusare  Harshada Hemraj Nikhare  Harshika K Nandanwar  Himanshu Janardhan Hedau  Isha Suresh Sonkusare  Ishika Bhaurao Borikar  Isman Sanjay Burbure  Jayshree Raju Bende  Jayshree D Waghade  Ketan Tularam Meshram  Khema R Mohadikar  Khushi Dibakar Singh  Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma	99	Dhanshree Narayan Mohane
Harsh Doulat Chhabriya  Harsha Gajanan Sonkusare  Harshada Hemraj Nikhare  Harshika K Nandanwar  Himanshu Janardhan Hedau  Isha Suresh Sonkusare  Ishika Bhaurao Borikar  Isman Sanjay Burbure  Jayshree Raju Bende  Jayshree D Waghade  Ketan Tularam Meshram  Khema R Mohadikar  Khushi Dibakar Singh  Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma	100	Divya Prabhakar Wakodikar
Harsha Gajanan Sonkusare  Harshada Hemraj Nikhare  Harshika K Nandanwar  Himanshu Janardhan Hedau  Isha Suresh Sonkusare  Ishika Bhaurao Borikar  Isman Sanjay Burbure  Jayshree Raju Bende  Jayshree D Waghade  Ketan Tularam Meshram  Khema R Mohadikar  Khushi Dibakar Singh  Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma	101	Harsh Sanjay Kumbhare
Harshada Hemraj Nikhare  Harshika K Nandanwar  Himanshu Janardhan Hedau  Isha Suresh Sonkusare  Ishika Bhaurao Borikar  Isman Sanjay Burbure  Jayshree Raju Bende  Jayshree D Waghade  Ketan Tularam Meshram  Khema R Mohadikar  Khushi Dibakar Singh  Khushi Gangadhar Mandlik  Krutika Arvind Waghmare  Lokesh R Vishwakarma	102	Harsh Doulat Chhabriya
Harshika K Nandanwar  Himanshu Janardhan Hedau  Isha Suresh Sonkusare  Ishika Bhaurao Borikar  Isman Sanjay Burbure  Jayshree Raju Bende  Jayshree D Waghade  Ketan Tularam Meshram  Khema R Mohadikar  Khushi Dibakar Singh  Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma	103	Harsha Gajanan Sonkusare
Himanshu Janardhan Hedau  Isha Suresh Sonkusare  Ishika Bhaurao Borikar  Isman Sanjay Burbure  Jayshree Raju Bende  Jayshree D Waghade  Ketan Tularam Meshram  Khema R Mohadikar  Khushi Dibakar Singh  Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma	104	Harshada Hemraj Nikhare
Isha Suresh Sonkusare  Ishika Bhaurao Borikar  Isman Sanjay Burbure  Jayshree Raju Bende  Jayshree D Waghade  Ketan Tularam Meshram  Khema R Mohadikar  Khushi Dibakar Singh  Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma	105	Harshika K Nandanwar
Ishika Bhaurao Borikar  Isman Sanjay Burbure  Jayshree Raju Bende  Jayshree D Waghade  Ketan Tularam Meshram  Khema R Mohadikar  Khushi Dibakar Singh  Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma	106	Himanshu Janardhan Hedau
Isman Sanjay Burbure  Jayshree Raju Bende  Jayshree D Waghade  Ketan Tularam Meshram  Khema R Mohadikar  Khushi Dibakar Singh  Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma	107	Isha Suresh Sonkusare
Jayshree Raju Bende  Jayshree D Waghade  Ketan Tularam Meshram  Khema R Mohadikar  Khushi Dibakar Singh  Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma	108	Ishika Bhaurao Borikar
Jayshree D Waghade  Ketan Tularam Meshram  Khema R Mohadikar  Khushi Dibakar Singh  Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma	109	Isman Sanjay Burbure
Ketan Tularam Meshram  Khema R Mohadikar  Khushi Dibakar Singh  Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma	110	Jayshree Raju Bende
Khema R Mohadikar  Khushi Dibakar Singh  Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma	111	Jayshree D Waghade
Khushi Dibakar Singh  Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma  Mahak Lakhan Dakah	112	Ketan Tularam Meshram
Khushi Gangadhar Mandlik  Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma  Mahak Lakhan Dakah	113	Khema R Mohadikar
Komal R Barapatre  Krutika Arvind Waghmare  Lokesh R Vishwakarma  Mahak Lakhan Dakah	114	Khushi Dibakar Singh
Krutika Arvind Waghmare  Lokesh R Vishwakarma  Mahak Lakhan Dakah	115	Khushi Gangadhar Mandlik
Lokesh R Vishwakarma  Mahak Lakhan Dakah	116	Komal R Barapatre
Mahak Lakhan Dakah	117	Krutika Arvind Waghmare
Mahak Lakhan Dakah	118	Lokesh R Vishwakarma
119	119	Mahak Lakhan Dakah







120	Manthan Prakash Dhande
121	Mohit Ramesh Harde
122	Neha Ranjeet Gawai
123	Nidhi Dharmendra Chapre
124	Nilam Rajkishore Pandey
125	Nupur Manohar Moundekar
126	Palash Ravindra Sawarkar
127	Pallavi Suresh Patil
128	Pallavi Dnyaneshwar Raut
129	Poonam Kishor Bulkar
130	Praful R Deodhagle
131	Prajwal Manohar Bawane
132	Priyanka Girdhar Kolhatkar
133	Priyanshu Ganesh Sorte
134	Raja Suresh Yadav
135	Rishika Santosh Hedau
136	Ritika Rajesh Jain
137	Rohini Bhola Samundre
138	Rohit Khushal Nagpure
139	Rupesh Pyarelal Borkar
140	Sakshi Dharmpal Bhaisare
141	Saransh Vinod Hedau
142	Sayali Bharat Aate
143	Sayyed Sadaf S Bashir Ali
144	Shivam Sanjay Durge
145	Shivani Santosh Prajapati
146	Shruti G Surayawanshi
147	Shubham Anil Shende
148	Srushti Suresh Nikhare
149	Tejaswi Ramesh Neware







150	Tina Rajesh Kaithwas
151	Vaishnavi Raju Hatekar
152	Vaishnavi Mahendra Parate
153	YASH LOMESH PARATE
154	Aastha Dipak Prajapati
155	Alfiya Kausar Kaisar Hussain
156	Bhumika Bhanudas Sawlikar
157	Chetana Rajesh Nandanwar
158	Dhanshree Manohar Durge
159	Divya Dinesh Dongre
160	Fiza Parveen Aas Mohammad
161	Harsha Vasanta Hedau
162	Kajal Pramod Sondhiya
163	Khushi Suresh Bage
164	Madhuri Ramnath Moure
165	Mahjabee Mo Manjoor Ansari
166	Manisha Rajesh Selokar
167	Minakshi Ramesh Bargat
168	Minakshi Setu Ahirwar
169	Mohammad Uzaif Mohammad Asif Ansari
170	Nishika Ashok Nimje
171	Pransha Vinod Dhamgaye
172	Prerna Raju Zanzote
173	Rajat Mangesh Sawaikar
174	Reshma Indal Paswan
175	Ritik Anil Tapre
176	Sagar Vinayak Chavan
177	Sakshi Niranjan Manerao
178	Sanskruti Sandesh Meshram
179	Sapna Samaru Meshram







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180	Shraddha Shailesh Varma
181	Shreya Shivanand Gedam
182	Sonal Dhanraj Rahangdale
183	Suhani Santlal Kori
184	Suhani Rajesh Meshram
185	Suman Munnalal Bamhan



Sindhi Hindi Vidya Samiti's

### DADA RAMCHAND BAKHRU SINDHU MAHAVIDYALAYA

Kaka Tilokchand Rughwani Marg, Panchpaoli, Nagpur-440017

This e-certificate is being awarded to

### Mr./Ms. Chandrashekhar Dhakate

of class B.Com. Sem.VI for his/her active participation & successfully qualifying in the **Certificate Course on "M. Commerce & Online Transactions"** organised by the **Department of Commerce** of our college.

Academic Session: 2023-24

Bharra

Dr. Bhavna Choudhary Coordinator 88.

Mr. G.G. Rughwani HOD & Coordinator Officiating Principal Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur-17

Made for free with Certify'em







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#### DRB SINDHU MAHAVIDYALAYA, PANCHPAOLI, NAGPUR-17

#### **DEPARTMENT OF BIOTECHNOLOGY**

**SHORT TERM COURSES** 

### **CERTIFICATE COURSE IN BASIC MOLECULAR BIOLOGY TECHNIQUES**

#### Introduction

With the emergence of Biotechnology as a powerful tool in modern biology, it has become imperative to expose and orient young brains and students about various basic techniques like DNA isolation and estimation methods, protein isolation and estimation methods, restriction digestion etc., which are being widely used in the field of Biotechnology.

Therefore Department of Biotechnology is going to conduct a short term course named "Certificate course in Basic Molecular biology Techniques" (CCBMBT).

#### **Objective of the Course**





Main objective of the course "Certificate course in Basic Molecular biology Techniques" (CCBMBT) is to enlighten students about various basic research techniques so that they can apply these techniques in their future research programmes.

Emphasis will be given on laboratory work. The hour to hour schedule of the course indicating laboratory exercises as well as lectures planned is furnished.

#### **SYLLABUS**

#### 1. Antigen Antibody Reactions

Detailed description of Ag, detailed description of all types of Abs, Epitops Paratops, Precipitin curve, Lattice formation. Immunodiffusion methods, Agglutination reaction: clump formation, emagglutination, ELISA, enzyme conjugated with secondary Ab, Types of ELISA.

#### 2. Enzymology Related Techniques

Enzyme – substrate complex formation, MM equation. Deviations from MM equation, LB plot, Eadie-Hoffstee plot etc. crystallization & purification methods of enzyme.

#### 3. Protein Estimation Methods

Classification of amino acids, properties of amino acids, peptide bend reactions, use of spectrophotometry for concentration estimation, standard Graph preparation.

#### 4. DNA Isolation Methods

Different isolation steps of DNA and its chemical basis, liquid extraction uses of solvents and importance of cold centrifuge.

#### 5. Nucleic Acid Estimation Methods

Types of nucleic acids, differences in DNA & RNA, Spectrophotometric methods of concentration estimation.

#### 6. PCR Based Studies

PCR: Native PCR principle, concept and methodology, methodology and applications of different types of PCR: Nested PCR, Real Time PCR, LAMP PCR, RAPD, DNA fingerprinting, Multiplex PCR



Sr. No.	Name of Students	07- 10- 2023	13-10- 2013	14-10- 2023	27-10- 2013	28-10- 2023	05-01- 2024	06-01- 2024	27-01- 2024	01-03- 2024	02-03- 2024	09-03- 2024	15-03- 2024	16- 03- 2024
1	AIMAN NAUSHEEN MOHD TAUFEEQUE ANSARI	Р	Р	Р	Р	А	Р	Р	Р	Р	Р	Р	Р	Р
2	ANISHKA SURESH KAMBLE	Р	А	А	Р	Р	Р	Р	Р	Р	А	Α	А	Р
3	ARSHITA ADHIRKUMAR GAJBHIYE	Р	Р	Р	Р	Р	Р	А	Р	Р	Р	Р	Р	Р
4	DHANSHREE SAMIR SAKHARE	Р	Р	Р	Р	А	А	А	А	Α	Р	Р	Р	Р
5	JAGRUTI TULSIRAM GAWHANE	Р	А	А	А	Р	Р	Р	Р	Р	Р	А	А	Р
6	KSHITIJA AVINASH PATIL	Р	Р	Р	Р	Р	Р	А	Α	Р	Р	Р	Р	Α
7	MAHAK SHUDHODHAN LOKHANDE	Р	А	А	Р	Р	Р	А	А	А	А	Р	Р	Р
8	MAHEJABEEN FIRDAUS MUSHTAQUE ANSARI	Р	Р	А	Р	Р	Р	Р	Р	А	Р	Р	Р	Р
9	NEETU AJAY SHUKLA	Р	Р	Р	Р	Р	Р	А	Р	Р	Р	Р	Р	Р
10	NIKITA LALIT VANJANI	Α	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
11	NITU SURENDRA KUMARI	Р	Р	Р	Р	Р	Р	Р	Р	А	Р	Р	Р	Р
12	NOOPUR LAKHAN PARMAR	Р	Р	Р	Р	Р	Р	Р	А	Р	Р	Р	Р	Р
13	POONAM RAMSAJIWAN SONDHIYA	Р	Р	Р	Р	Р	Р	Р	А	Р	Р	Р	Р	Р
14	PRACHI JIJABA HUMNE	Р	А	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
15	PRANALI RATAN MANAWATKAR	Р	Р	Р	Р	Р	А	Р	Р	Р	А	А	А	Р
16	PRATIKSHA ASHOK PARDHI	Р	Р	Р	А	А	А	Р	Р	Р	Р	Р	Р	Р
17	RAJI RAJESH BRAHMANKAR	Р	Р	Р	Р	А	А	А	А	А	Р	Р	Р	Р
18	RICHA RAMESH HARYANI	Р	А	А	А	А	Р	Р	Р	Р	Р	Р	Р	Р
19	SHABNAM ALI MOHAMMAD RAMZAN ANSARI	Р	P	Р	Р	А	Р	Р	Р	Р	Р	Р	Р	Р
20	SHAILY ARUN PILLEWAN	Р	Р	Р	Р	Р	Α	Α	Α	Α	А	Р	Р	Р





Vidya Samiti

21	SHIVANI RAKESH MESHRAM	А	А	А	А	А	А	А	А	А	А	P	P	Р
22	SHRADDHA SANJAY NANHE	Р	Р	Р	Р	Р	Р	А	Р	Р	Р	Р	Р	Р
23	SHWETA CHANDRAKANT DEKATE	Р	Р	Р	А	Р	Р	Р	Р	Р	Р	Р	Р	Р
24	TANUSHREE ANIL KALBANDHE	Р	Р	Р	Р	Р	Р	А	Р	Р	Р	Р	Р	Р
25	TASMIYA KAUSAR ZIYAUDDIN ANSARI	Р	Р	Р	А	Р	Р	Р	Р	Р	Р	Р	Р	Р
26	TOTE PRATIKSHA SHYAM	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	А	Р	Р
27	VAISHNAVI BHOJRAJ APTURKAR	Р	Р	Р	Р	Р	Р	Р	Р	А	А	А	А	А
28	YASHIKA TULSIDAS DHAKATE	Р	А	А	А	А	Р	Р	Р	Р	Р	Р	Р	Р
29	AYUSH RAVINDRA PAGADE	Р	Р	Р	А	А	Р	Р	Р	Р	Р	Р	Р	Р
30	NEERAJ NARENDRA HKEY	Р	Р	Р	Р	Р	Р	Р	Р	А	Α	А	А	А
31	RUTVIK SANTOSH DHUMANKHEDE	А	Р	Р	А	Р	Р	Р	А	Р	Р	А	Р	Р
32	SAIYAD MOTASIM SAIYAD MATIN	Р	Р	А	Р	А	Р	А	Р	Р	Р	Р	А	Р



