

SHIKSHAN PRASARAK MANDAL NABIRA MAHAVIDYALAYA, KATOL (MS)

Affiliated with Rashtrasanta Tukdoji MaharajNagpur

University, Nagpur (MS)

Website:

https://www.nabiramahavidyalayakatol.com/

3.5.1.

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last 2023-24





Phone : 07112 - 222004 Mobile : 8857026884 Email : nmv.college@rediffmail.com Website : www. nabiracollegecampus.com

Ref.No. :

Date: 09/11/2024

DECLARATION

This is to declare that the information, reports, true copies and numerical data etc. furnished in this file as supporting documents are verified by IQAC and found correct.

Hence this is certificate.

Dr. Punit Raut Co-Ordinator IQAC, NMV Katol

TODA

Dr. S. K. Navin Principal Nabira Mahavidyalaya, Katol, Dist, Nagpur.



Photographs of the Event :





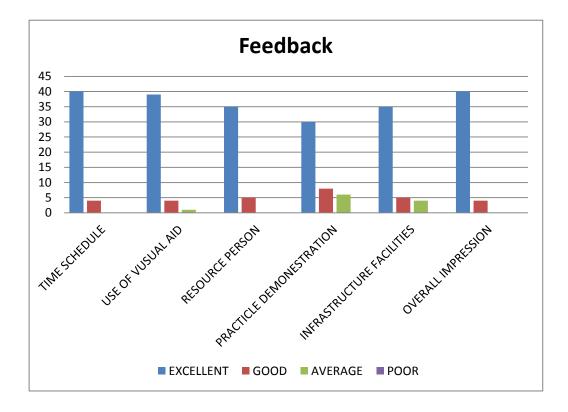


List of the students:

1	ABHAY SANJAY SATPUTE	23	PAYAL KISHOR MAKODE
2	ANKIT UTTAMRAO GONDANE	24	POOJA MADAN BOBADE
3	ASMITA GANPATRAO GEDAM	25	PRACHI PRAMOD NEHARE
4	BHAGYASHRI KISANAJI HIWARKAR	26	PRAKRUTI KRUSHNAMURTI PATHAK
5	BHAVESH RAJENDRA KALAMBHE	27	PRANALI NIRANJAN NASARE
6	DHANSHRI SURESH TEKAM	28	PRANALI GUNWANT DESHMUKH
7	HARISH DHANRAJ WARTHI	29	PRANAY BANDUJI YEWALE
8	KAJAL BHAGWAT KOLHE	30	PRANJALI RAMESH CHOPDE
9	KHUSHALI GUNVANTA MAHORIYA	31	PRIYANKA RAVINDRARAO DONGARE
10	KOMAL MANOHAR SONULKAR	32	ROCHAK SHARAD KALE
11	LOVE RAJESH DHOKE	33	ROHINI VILAS BHONGALE
12	LUKESH PURUSHOTTAM CHARDE	34	RUPESH RAMKRUSHNA RAUT
13	MAHESH NARENDRA KOLHE	35	SAHIL SURYAKANT GAIKWAD
14	MANOJ RAMESH SAWARKAR	36	SAMIKSHA MAHADEVRAO SURJUSE
15	MAST. VAIBHAV SURESHRAO CHOPADE	37	SAMMED ANIL PADOLE
16	MUSKAN AYUB PATHAN	38	SHAHID AKBAR SHEIKH
17	NAYAN DNYANESHWAR JIWATODE	39	SHIVANI MUKUNDRAO BHAKTE
18	NIKHIL RAMESHRAO SHIRPURKAR	40	SHOAIB MEHABOOB SHEIKH
19	NISHA BABAN CHARDE	41	SOUMYAK SURENDRAKUMAR NAGDEVE
20	PAWAN RAVINDRA PATIL	42	SWAPNIL NATTHU KHAIRKAR
21	PAWAN MANOJ HARJAL	43	TANUJA RAJESHRAO NASRE
22	PAYAL PRAMOD NEHARE	44	TRUPTI SHESHRAOJI SAWDE

Feedback of the event

CATEGORIES	EXCELLENT	GOOD	AVERAGE	POOR
TIME SCHEDULE	40	4	0	0
USE OF VUSUAL AID	39	4	1	
RESOURCE PERSON	35	5	0	0
PRACTICLE DEMONESTRATION	30	8	6	
INFRASTRUCTURE FACILITIES	35	5	4	
OVERALL IMPRESSION	40	4	0	0



MEMORANDUM OF UNDERSTANDING

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	n of Understanding (hereinafter re Decembes		U") is made and executed on this (Date) <u>0</u> 4
	Nabira Mahav	idyalaya	Katol
			, ssion under the provisions of UGC Act 1956
and having addres	s at: (Address)		
	Dhanto	11	
(City)	kato	, (Pin)	441302
	harashtra		
	pal/ Director/ Vice Chancellor/ Reg		
(hereinafter referr	ed to as "PARTNER INSTITUTE")		
		AND	
	AITED, a company registered unde o Ltd Complex, Mumbai-Pune Roa		e Companies Act, 1956, having its registered
BAJAJ FINANCE LII office at: Akurdi, P			ne Companies Act, 1956, having its registered
Through President	(Legal and Taxation) – Bajaj Finser	v Limited	
(Bajaj Finserv Limit	ed and Bajaj Finance Limited here	inafter referred to as	"FINSERV")
The expressions "P "Party".	ARTNER INSTITUTE" and "FINSERV	" shall, collectively b	e referred to as "Parties" and individually as
WHEREAS:			
A. PARTNER	INSTITUTE established in (Year)	1961	by (Educational Society/Trust)
	Shikshan Prasa	rak Mando	1 Katol
is affiliate	d to (University Name) <u> </u>	M Nagpur	University, Nagpur
	erv Limited is the holding company		

- C. Bajaj Finance Limited is a Non-Banking Finance Company registered with Reserve Bank of India.
- D. FINSERV, as part of its Corporate Social Responsibility (CSR) activities, desires to create employment opportunities for educated youth in the Banking, Finance and Insurance Sector through a customized training programme encompassing product knowledge, communication and other soft skills, which is expected to benefit fresh graduates, especially those belonging to economically weaker sections of the society;
- E. FINSERV, in partnership with some of the leading educational institutes, has designed and developed a customized programme viz. Certificate Programme in Banking, Finance and Insurance (hereinafter referred to as CPBFI).
- E. The PARTNER INSTITUTE has expressed its willingness to partner with FINSERV to conduct CPBFI for its students and alumni, on terms and conditions set out herein below;
- F. FINSERV has accepted the offer of the PARTNER INSTITUTE and agreed to partner with the PARTNER INSTITUTE for conducting CPBFI, on terms and conditions set out below.

NOW THIS AGREEMENT WITNESSETH AND IT IS AGREED BY AND BETWEEN THE PARTIES AS UNDER:

1. <u>Purpose/Objective of CPBFI</u>:

The objective of CPBFI is to impart practical knowledge and essential skills to final year graduation students and fresh graduates, especially those belonging to economically weaker sections of the society, with a view to create employment opportunities for them in the Banking, Finance and Insurance Companies.

2. Scope of CPBFI:

- FINSERV has appointed different training institutes as Official Training Partners for conducting CPBFI i. (hereinafter referred to as CPBFI Official Training Partners).
- FINSERV and the PARTNER INSTITUTE, through one of the CPBFI Official Training Partners, shall conduct, for ii. the eligible students and alumni of the PARTNER INSTITUTE, a Certificate Programme in Banking, Finance and Insurance viz. CPBFI, covering industry overview and product knowledge relevant for roles in banks, NBFCs, life insurance and general insurance companies, communication and other workplace skills. CPBFI shall be conducted through classroom training (hereinafter referred to as CPBFI-CLASSROOM), online training (hereinafter referred to as CPBFI-ONLINE) or a combination of classroom and online training (hereinafter referred to as CPBFI-BLENDED).

3. Responsibilities of the Parties:

- The PARTNER INSTITUTE shall be responsible for mobilizing students for the CPBFI Programme by spreading i. awareness about CPBFI and its potential benefits for the prospective students. FINSERV shall, if requested by PARTNER INSTITUTE, at its discretion, support the awareness campaigns by participating in the student meetings, parent meetings and design of publicity material such as posters, leaflets etc.
- The PARTNER INSTITUTE shall be responsible for providing necessary infrastructure facilities for conducting ii. classroom sessions of CPBFI-CLASSROOM and CPBFI-BLENDED, specifically (a) one class room, equipped with a projector, a sound system and a white-board with a seating capacity of at least 45 students, (b) one computer room, equipped with computers having MS Office software and high-speed internet connection, with a seating

Priochailt Habira Mahavidyalaya, Kwol 3405

capacity of at least 25 students, for conducting the online assessment tests (c) one assembly hall with a capacity of around 60 persons and 3 interview rooms, for one day per batch, for conducting CPBFI HR Workshop. PARTNER INSTITUTE shall also provide basic stationery required for training purposes such as marker pens, chart sheets, chalks etc.

- iii. The PARTNER INSTITUTE shall appoint a Coordinator for every CPBFI batch, with following responsibilities.
 - a. To motivate and encourage students to extract maximum benefit from CPBFI.
 - b. To provide necessary support to the CPBFI Official Training Partner for planning and conducting the program.
 - c. To conduct online pre-assessment and post-assessment tests for every batch.
 - d. To ensure that the classes are conducted as per pre-defined schedule.
 - e. To ensure that all students are regularly attending the classes.
 - f. To maintain daily attendance of students.
 - g. To attend few classes as an observer and provide feedback to FINSERV about the training quality.
 - h. To ensure discipline and good conduct from the students.
 - i. To support FINSERV team to conduct CPBFI HR Workshop for every batch.
 - j. To submit required college information as per Annexure 3 to FINSERV coordinator.
- The PARTNER INSTITUTE shall issue an appointment letter to the Coordinator as per format prescribed in Annexure 4 of this MOU. The PARTNER INSTITUTE shall submit the appointment letter, duly authorized by the Principal of the PARTNER INSTITUTE and accepted by the Coordinator, to FINSERV before commencement of every CPBFI Batch.
- v. FINSERV shall be responsible to design and continuously improve the CPBFI programme structure, including adding or deleting courses, changing pedagogy or modifications to the programme duration.
- vi. FINSERV shall be responsible to arrange faculty, with requisite expertise and experience, through any of its CPBFI Official Training Partners. FINSERV shall provide necessary details of the concerned CPBFI Official Training Partner to the PARNTER INSTITUTE at least 2 weeks before start of every batch. FINSERV shall be responsible to arrange the online training platform for conducting CPBFI-ONLINE and CPBFI-BLENDED.
- vii. FINSERV and the PARTNER INSTITUTE, shall be responsible for award of "Certificate of Completion" at the completion of CPBFI to all successful candidates who meet eligibility criteria viz. requisite attendance and credits in the examinations conducted during CPBFI.
- viii. FINSERV, as part of its CSR, shall bear the full cost of faculty deployed by its CPBFI Official Training Partner, to ensure that CPBFI is affordable to students belonging to economically weaker sections of the society.
- ix. FINSERV along with its chosen academic partner/s, shall conduct an online examination at the end of CPBFI.
 Only students who pass this examination and have requisite attendance shall be eligible to receive the
 "Certificate of Completion". This examination shall be in addition to all other examinations conducted by the
 CPBFI Official Training Partner during CPBFI.
- x. The PARTNER INSTITUTE shall display the FINSERV name and logo prominently in all marketing and publicity material, notices for students and all other internal and external communications, in paper form or otherwise, relating to CPBFI.
- xi. Any other use of FINSERV brand names by the PARTNER INSTITUTE shall require prior written consent from FINSERV.



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- xii. The PARTNER INSTITUTE shall provide to FINSERV, necessary information about all the students of CPBFI, in the format specified by FINSERV in Annexure 1. FINSERV shall be free to contact the students directly for the purpose of monitoring the impact of CPBFI and the career progression of students.
- xiii. The PARTNER INSTITUTE shall not conduct CPBFI or a programme with identical course structure except in partnership with FINSERV.
- xiv. The PARTNER INSTITUTE shall be solely responsible to comply with regulations of University Grants Commission or any other authority regulating educational activities in India. The PARTNER INSTITUTE agrees that FINSERV shall not have any liability including monetary or otherwise, in the event of any regulatory action taken against the PARTNER INSTITUTE in respect of conducting this programme. The PARTNER INSTITUTE agrees to fully compensate FINSERV in case an action is taken against FINSERV by any such regulatory authority in respect of conduct of CPBFI by the PARTNER INSTITUTE under this MOU.
- xv. The PARTNER INSTITUTE shall be solely responsible for payment of GST or any other taxes that may be applicable, in respect of fees collected by the PARTNER INSTITUTE for CPBFI and FINSERV shall not have any liability towards the same. The PARTNER INSTITUTE agrees that FINSERV shall not have any liability, monetary or otherwise, in the event of any action is taken against the PARTNER INSTITUTE by any tax authorities. The PARTNER INSTITUTE agrees to fully compensate FINSERV in case any action is taken against FINSERV by any such tax authority in respect of conduct of CPBFI by the PARTNER INSTITUTE under this MOU.
- xvi. The PARTNER INSTITUTE shall submit the information specified in Annexure 3 before commencement of every batch to FINSERV.

4. Batch Strength:

The parties agree that, each batch shall consist of minimum 45 and maximum 60 students. FINSERV and the PARTNER INSTITUTE may mutually decide to start a batch with less than 45 students.

5. Term of the MOU:

The term of this MOU is for a period commencing from signing of this MoU till end of March 31, 2024, except Clause 3(xiii) and Clause 14, which shall continue to be in force for a further period of 3 years from the date of termination of this MOU. The parties may decide to further extend the term of this MOU by mutual consent on such terms and conditions as may be agreed between them.

6. Course fees:

- i. PARTNER INSTITUTE shall charge a non-refundable fee of (In figures) Rs. <u>1000</u> Fees in words) Rupees <u>One thousand only</u> only plus applicable GST and other taxes, to each of the students of CPBFI towards the course fees. The fee payable by each student shall not be less than Rs. 1,000 (Rupees one thousand only) plus applicable taxes and shall not exceed Rs. 3,000 (Rupees three thousand) plus applicable taxes. The fees specified here shall be valid for two years from signing of this MOU. The fees shall be reviewed on completion of this period and parties may mutually agree to revise the same from time to time.
- ii. The PARTNER INSTITUTE has agreed to suitably remunerate the coordinator and other staff members for their effort towards successful conduct of CPBFI Batch.





Principal Matina Schavidyaloya, Maiol.

- iii. The PARTNER INSTITUTE, may at its own discretion, waive the fees of students from economically weaker sections, provided the number of such students does not exceed 15% of total enrolment in the respective batch.
- iv. The PARTNER INSTITUTE shall ensure that no student shall be allowed to attend CPBFI without paying the full fees except those permitted under sub-clause iv above.
- v. The PARTNER INSTITUTE shall submit to FINSERV, before commencement of any batch, extracts of bank statement or copies of cash receipts or a letter from the Principal or Vice-Principal confirming collection of fees from every participant.

7. Duration and contents of CPBFI:

- i. CPBFI shall commence from (Month and Year) <u>January</u> 2024. The said Programme will involve training of about 100 hours.
- ii. The PARTNER INSTITUTE has agreed to mobilize, on best effort basis, at least 40 students in first academic year and at least 80 students from second academic year onwards. The PARTNER INSTITUTE shall decide the batch schedule and timings and inform the schedule to FINSERV at least 45 days before commencement of the batch.
- iii. FINSERV shall arrange to make the faculty available as per the schedule informed by the PARTNER INSTITUTE.
- iv. Detailed schedule of the lectures and practical shall be given in advance to students before commencement of CPBFI.

8. <u>Place of teaching</u>:

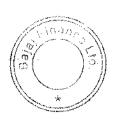
i. The CPBFI classroom teaching and practical shall be conducted at (College Name and City)

Nabira Mahavidyalaya Kato)

by the CPBFI Official Training Partner, for up to four hours a day on such days, dates and at such timings as may be mutually decided between the parties.

9. <u>Eligibility for CPBFI</u>:

- i. Any student who is studying in the final year of Graduation Programme or pursuing any post-graduation programme shall be eligible to apply for admission to CPBFI.
- ii. Additionally, any fresh graduate i.e. a graduate with less than 2 years of work experience or no work experience, shall also be eligible to apply for admission to CPBFI.
- iii. Only candidates who are less than 27 years old, on the date of application, are eligible to apply for admission to CPBFI.
- iv. The PARTNER INSTITUTE shall select the final list of candidates for admission based on the criteria mutually agreed upon by the PARTNER INSTITUTE and EINSERV from time to time.





March 1999
 March 1999

10. Discipline and right to expel:

- i. The students of CPBFI-CLASSROOM and CPBFI-BLENDED shall be subject to rules of discipline/code of conduct of the PARTNER INSTITUTE during course period. In case of CPBFI ONLINE, the students shall be subject to rules of discipline/code of conduct of the CPBFI Official Training Partner.
- ii. If the concerned CPBFI Official Training Partner observes a breach of code of conduct by any student, it shall immediately report the same to the CPBFI Coordinator for necessary action.
- iii. If any participant commits breach of code of conduct of the PARTNER INSTITUTE, the faculty shall have full authority to expel such student for the remaining duration of CPBFI.

11. Faculty:

- FINSERV shall be solely responsible for arranging, through a CPBFI Official Training Partner, faculty, with requisite industry and teaching experience, and conducting CPBFI efficiently and effectively. The PARTNER INSTITUTE shall not be responsible for making any payments to the faculty of the CPBFI Official Training Partner.
- Some of the lectures of CPBFI may be conducted by the experts from FINSERV as per the understanding between the parties. However, the PARTNER INSTITUTE shall not be liable to pay any amounts to FINSERV towards the said lectures and no amounts shall be deducted from the amounts payable to the PARTNER INSTITUTE.

12. Certification:

FINSERV and the PARTNER INSTITUTE shall issue a "Certificate of Completion" in "Certificate Programme in Banking, Finance and Insurance" to the eligible students of CPBFI-CLASSROOM, CPBFI-ONLINE and CPBFI-BLENDED. The certificates shall be designed and printed by FINSERV and shall carry the names of the PARTNER INSTITUTE and the concerned CPBFI Official Training Partner.

13. Further Agreements:

The parties agree that, they may mutually discuss and enter into further agreements, if needed.

14. Confidentiality:

- i. The Parties agree to maintain strict secrecy and confidentiality regarding any and all Confidential Information exchanged or to be exchanged between them in relation to this MOU.
- The PARTNER INSTITUTE agrees that all the course material provided by FINSERV or the CPBFI Official Training Partner, including but not limited to CPBFI structure, curriculum, lesson plans and evaluation methods, shall be deemed to be Confidential Information.
- iii. The PARTNER INSTITUTE agrees that any of FINSERV's technical or business or other information including information given for development of any case studies / development of any program modules / contents, made available by FINSERV or its personnel to the PARTNER INSTITUTE shall be deemed to be Confidential Information.



Principal Nabira Isahavidyalaya, Kutol.

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- iv. The PARTNER INSTITUTE agrees to restrict access and disclosure of Confidential Information to such of their employees, agents, vendors, and contractors strictly on a "need to know" basis, to maintain confidentiality of the Information disclosed to it in accordance with this clause.
- v. Information and material disclosed and provided by each party to the other party in pursuance of or in connection with performance of its obligation under this MOU shall, at all times, remain the sole and exclusive property of the disclosing Party.

15. Intimation about cancellation/postponement of CPBFI:

- If due to any cogent reasons, it appears to the PARTNER INSTITUTE that it is unable to arrange any batch as per schedule, the PARTNER INSTITUTE shall intimate about its inability to FINSERV at least 30 days in advance and the parties shall decide further schedule of CPBFI by mutual consent. FINSERV may decide to complete such batches through online classes.
- ii. However, if such postponement or cancellation is necessitated due to any last minute, unforeseen and unavoidable circumstances like Act of God, civil commotion, strike, bandh, disruption of traffic, epidemic, war, aggression, change in Government Policy or any other similar circumstances, the PARTNER INSTITUTE shall intimate the change in schedule as early as possible after such circumstances as stated above have arisen. In such circumstances, the PARTNER INSTITUTE shall not be held liable for payment towards any loss or damages caused to FINSERV due to delay in its schedule.
- iii. If for any reason, FINSERV, decides to discontinue support for CPBFI, it shall give a written notice to the PARTNER INSTITUTE, 30 days in advance. Such notice shall not impact any batch which is already in progress on the date of notice and the terms of this MOU shall continue to apply to the running batches.

16. <u>Amendment/Termination</u>:

- i. Any amendment to the terms of this MOU can only be made by mutual consent of the parties.
- This MOU may be terminated by either party, for breach of terms and conditions of the present MOU or otherwise, by a written notice of at least one (1) month in advance. Such notice of termination shall not interfere with the batches underway at the relevant time. Such batches shall be allowed to continue until their conclusion.
- Both the parties agree that Finserv shall have the right of terminating this MOU without any notice to the PARTNER INSTITUTE, if the PARTNER INSTITUTE charges a fee exceeding the amount prescribed under Clause 6(i) of this MOU. In such event, the batches underway at the relevant time, may also be terminated by FINSERV, unless the PARTNER INSTITUTE refunds the excess fee charged to every student of the batch.

17. Applicable Law and Dispute Settlement:

- i. This MOU shall be governed by the Laws of India.
- ii. Any dispute arising between the parties in connection with or arising out of the performance of mutual obligations under this MOU shall be resolved by mutual discussion and consultation. If the dispute remained unresolved even after 30 days, then the dispute shall be referred to the Principal/ Director/ Vice Chancellor/ Registrar/Dean of PARTNER INSTITUTE and Mr. V. Rajagopalan, President (Legal and Taxation), Bajaj Finserv Limited. The decision of the principal/ Director/ Vice Chancellor/ Registrar/Dean of PARTNER INSTITUTE and Mr. Rajagopalan shall be final and binding on both parties.

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18. Originals:

This MOU is executed in counterparts, each of which shall be deemed to be original and retained by each of the Parties but together they shall constitute one and the same MOU.

IN WITNESS WHEREOF, the Parties hereto have put their hands the day, month and the year first hereinabove mentioned.

For Nabisa	Mahavidyalaya	For Bajaj Finance Limited	For Bajaj Finserv Limited
K	atol		
		- N.A702-	N.Ogp2-
X Sign	A	·	
Name of Authorized	l Signatory:	Name: V. Rajagopalan	Name: V. Rajagopalan
Da. S. K.	Navin	-	
Designation: Pai	incipal	~ Designation: Authorized Signatory	Designation: President (Legal and Taxation)
x Sign Adid) ⁽ⁿ	, curi	Pat if	- Can f
Witness	A Y 1 Total 2	Witness	Witness
Full Name: 🗍 λ . 👘	Adil Jiwani	_ Full Name: Pallavi Gandhalikar	Full Name: Pallavi Gandhalkar
Designation: <u>ASS</u>	istant Professor	Designation: National Head- Corporate Social	Designation: National Head- Corporate Social Responsibility
		Responsibility	,,
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Principal Nabira Mahavidyalaya, Katol.

Annexure 1: Format for submission of student information

The PARTNER INSTITUTE shall provide the following information in respect of every student of CPBFI

- 1. Full Name:
- 2. Gender:
- 3. Academic qualification: If already graduate mention the degree. If pursuing graduation, mention the degree for which studying.
- 4. **Status:** Mention "Complete" if the candidate is already a graduate. Mention "Pursuing" in case of final year students.
- 5. Date of Birth: in DD/MM/YYYY format
- 6. Mobile Number:
- 7. Email Address:

Annexure 2: Methodology for Calculating Overall Attendance of the Batch

The steps and formula for calculating overall attendance are as under.

- 1. Enrollment: Number of students who have registered and paid fees for CPBFI
- 2. Drop-outs: Number of students who stopped attending CPBFI during the batch
- 3. Regular students: Enrollment minus Drop Out
- 4. Total available student days: Number of regular students multiplied by total duration of CPBFI (number of days. E.g. 40 days)
- 5. Actual student days: Sum of days attended by each regular student.
- 6. Overall attendance (%) = Actual Student Days / Available Student Days X 100

Example: In a CPBFI batch 43 students registered and paid fees. By end of first week 3 students stopped attending the batch. The batch was conducted for 40 days. Out of the 40 regular students – 10 attended every class, 15 attended for 35 days, 10 attended for 33 days and 5 attended by 30 days. Overall attendance will be calculated as under. Enrollment: 43

Drop-out: 3 Regular students: 40 Available days: 40 X 40 i.e. 1600 Actual days: (10 X 40) + (15 X 35) + (10 X 33) + (5 X 30) = 400 + 525 + 330 + 150 = 1405 Overall attendance: (1405 / 1600) X 100 = 87.81%





Annexure 3: Information required by FINSERV before commencement of every batch
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Sr.	Information Required
1	Basic information about the PARTNER INSTITUTE viz.
	Name
	Year of establishment
	Name of the educational society
	Contact details
	Website URL
	NAAC rating
	Total number of students (by stream)
	Total final year students (by stream)
2	Coordinator Details viz.
	Name
	Designation
	Department (Commerce/Science etc.)
	Contact details: Mobile and Email Address
5	Brief write up about the institute – for inclusion on CPBFI website, CV book etc.





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Annexure 4: Appointment Letter for appointing Coordinator for CPBFI

(to be printed on PARTNER INSTITUTE letterhead)

Date: To (Name of the coordinator) (Designation of the coordinator)

Subject: Your appointment as the official coordinator for the Bajaj Finserv CPBFI Programme

Dear_____

I am pleased to inform you that you have been appointed as the official coordinator for conducting Bajaj Finserv's CPBFI Programme in our college. Congratulations!

As official coordinator of the CPBFI programme, you will be responsible for ensuring that the programme is successfully conducted in our college, in accordance with the terms and conditions prescribed in the MOU signed between our institute and Bajaj Finserv Limited and Bajaj Finance Limited. Your specific responsibilities are mentioned in Clause 3(iii) of the said MOU. You will also abide by the other terms of the MOU, specifically those relating to confidentiality of information.

The college will be pay you a consolidated amount of Rs. ______ (Rupees ______) for every successful batch of CPBFI, coordinated by you. This amount shall be subject to applicable taxes.

This appointment is valid for the academic year ______, subject to satisfactory performance.

Kindly confirm your acceptance to this appointment by signing this letter.

For: (College name)

j

Authorized signatory (Name and designation)

I agree to the terms of this appointment letter.

Coordinator (name and signature)

Date:	_/	./	 	
То				
<u></u>				

Dear Sir/Madam,

Greetings from Bajaj Finserv!

Please find attached the MOU for partnering with Bajaj Finserv Ltd. for conducting BEYOND CPBFI Program. We request you to follow below instructions and courier <u>the set</u> back to us:

Instructions for the MOU received by you:-

<u>Sr. No</u>	Instructions	Checklist
1,	Blanks to be filled in writing by the College:	
a)	Pg. No.1: 1. Day and 2. Date	~
b)	Pg. No.1: 1. College Name, 2. Address, 3. City, 4. Pin, 5. State.	مسيا
c)	Pg. No. 1: 1. Year of establishment 2. Name of Educational Institute/Trust (if applicable, else write NA) 2. Affiliated to the University Name	~
d)	Pg. No. 4: Clause 6 Course Fees - 1. CPBFI Fees in figures. 2. CPBFI Fees in words.	
e)	Pg. No. 5: Clause 7 Duration and content of CPBFI (i) 1. Batch Start Month Clause 8 Place of teaching (i) 1. College Name and 2. City	
f)	Pg. No.8 : Clause 17 (ii) 1. Name of Principal/Dean/Registrar/Director etc. of the Institute who is signing the MoU. 2. College Name	~
g)	Pg. No. 8 : Signatories' information 1. College Name 2. Principal Name 3. Witness Name 4. Witness Designation.	~
2.	The College should affix round seal/stamp on every Page. Institute Head should sign next to the seal also on every Page.	
3.	Both Head of Institute and Witness should sign on the allotted space on Page no. 8	
4.	Kindly do not fill anything in the attached Annexures. They are for reference purpose only.	\checkmark

Please do the needful mentioned above and courier us the MoU set back on below address:

To Archana Bhat, 6th Floor, Bajaj Finserv Corporate Office, Off Pune Ahmednagar Road, Viman Nagar, Pune-411 014

****Please Note:** Bajaj will sign the MoU once the first batch is launched and courier back the College Copy. Bajaj signs only after the first batch launch as we do not wish to have any inactive MoUs.

Looking forward to a very successful partnership in making the Students employable.

Thanks and Regards,

Archana Bhat BEYOND CPBFI-College Partnership Bajaj Finserv Ltd. (archana.bhat@bajajfinserv.in ; 9923799856)



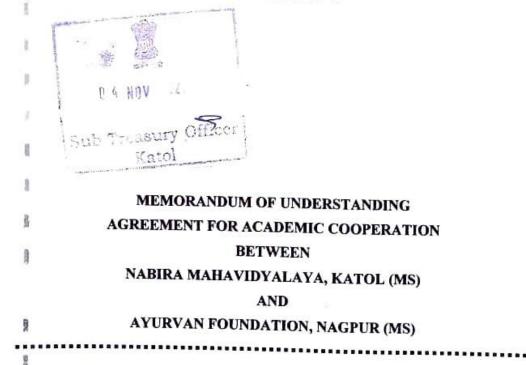




महाराष्ट्र MAHARASHTRA

• 2022 •

11AA 235845



NÅBIRA MAHAVIDYALAYA, KATOL (MS) AND AYURVAN FOUNDATION,

NAGPUR (MS) believing that rich academy of university/college and excellent creation of visionaries can be put together to the benefit of students, biodiversity, nation and human welfare, conclude this agreement.

This Memorandum of Understanding (MoU) is meant to describe the nature of extended cooperation, working together in the areas of common interests, voluntary sharing of knowledge. Exploring research opportunities, participation in the activities with mutual consent and any such beneficial factor. This document shall remain as only guideline and not a legal binding on both the institutions. Nothing, therefore, shall diminish the fully autonomy of either institution, nor may any constraints be imposed by either upon the other.

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9.मुद्रांक विकी नोंद वही अनु.क.	१६९६ दिनांकः ११/११/२०२२
२.दस्ताचा प्रकार : 🧐	1421
३.नोंदणी करणार आहेत का?	होय/नाही
४.मिळकतीचे थोडक्यात वर्णन :	
५.मुद्रांक विकत धेणा−याचे नांव ः राहणार व पत्ता ः	प्राये. जवारा. अहारिषधार्ष्य कार
६.हस्ते असल्यास त्यांचे नांव व पत ७. दुस–या पक्षकाराचे नांव ः	भाषताः सही
८.मुद्रांक शुल्क रक्कम : १००/- मु	ांक विकेत्याची सही
व परवाना कमांक तसेच मुद्रांक विव	चे ठिकाण/पत्ता: Curle नं. १७/९२ : अशोक लक्ष्मणराव टले
ज्या कारणासाठी ज्यांनी मुद्रांक खरेव महिन्यांत वापरणे बंधनकारक आहे.	केला त्यांनी त्याच कारणासाठी मुद्रांक खरेदी केल्यामुळे ६

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The memorandum of understanding shall remain in force for a period of three years and can further be renewed with consent of both the parties. Either party can terminate this memorandum of understanding by giving two months' notice to other party.

HENCE, NABIRA MAHVIDYALAYA, KATOL (MS) AND AYURVAN FOUNDATION.

NAGPUR (MS) agree to act upon following common mutual interest:

- The purpose of this agreement is to develop links between academy and creativity with cooperation between both the institutions.
- Both the institutions shall extend their cooperation in the areas of research and development and the contribution shall be limited to the willingness and/or restrictions by virtue of legal frame of the concerned institute.
- Both the institutions shall provide each other knowledge, laboratory assistance and infrastructure of the choice of institution in possession to work out any research or industrial application with prior consent of both the institutions.
- 4. Both the institutions shall work together to develop cultivation practices of the herbs those are presently obtained from forests for the purpose of medicine or good health. Persons in such development from both the institutions shall be honoured with their due mention in such document that shall support the establishment of the said cultivation practise.
- Both the institutions shall take any activity/project/joint excursion, if required to fulfil the requirements of above interests with mutual consent.
- 6. Both the institutions shall depute their representatives to visit each other for the purpose of delivering lectures, participating in the seminars, conducting observations and providing guidance, approving the work done and/or any such act to bring out successful outcome from the agreed joint research programme or human welfare programme in the larger interest of positive outcome from the MOU. Any such deputation shall be voluntary on the part of institutions involved in the MOU.
- 7. AYURVAN FOUNDATION shall constitute committees to monitor development, evaluate contribution, and encourage further participation in the interest of bio diversity and human welfare. NABIRA MAHAVIDYALAYA may depute faculty to be members of such committees. AYURVAN FOUNDATION shall only take the opinion, suggestion and expert comments for the committee members without any commitments from such members. AYURVAN FOUNDATION may consider any conditions required prior to the inclusion of faculty as members of such committees from NABIRA MAHAVIDYALAYA.
- Financial and/or funding considerations shall become the subject of specific discussion and agreement within the framework of a separate implementation agreement. No financial commitment whatsoever, on the part of either signatory to this general document is intended or implied.
- 9. It is understood that the implementation of any of the types of cooperation stated in the all above clauses shall depend upon availability of resources and/or sanctions from concerned authorities of the institutions and/or financial support at the institute concerned.

- 10. Should any collaborative research activity under this agreement result in any potential for intellectual property, both institutes shall seek an equitable and fair understanding as to ownership and other property interests that may arise.
- 11. Each institution shall designate a liaison officer to develop and coordinate the specific activities agreed upon. The designated liaison officers for this Memorandum of Understanding are:

AYURVAN FOUNDATION 12022 President Dr Bipinchandra B. Kalbande Dr Sunil Kumar Navin Mr. Ambarish Ghatate, Liaison Officer, President, Principal, Nabira Mahavidyalaya, Katol. Ayurvan Foundation, Nagpur. Nabira Mahavidyalaya, Katol. Dr. B. B. Kalbande Principal

Asst. Prof. & Head Department of Botany, Nabira Mahavidyalaya, Katol.

Nabira Mahavidyalaya, Katol.



Department of Botany, Nabira Mahavidyalaya, Katol.

Nabira Mahavidyalaya Katol

Department of Botany

M.Sc. Botany Sem-II

Session: 2023-24

On Job Training / Internship

Sr. No	Name of Student	Enrolment Number	Title	Date start	Last date	Company
1	Aishwarya Subhash Sawarkar	20211032506229	Job Training at Manas Ayurved, Nagpur	06/05/2024	22/05/2024	MASAS AYURVED, Gokul- Ghatate layout, near Bole Petrol Pump, Civil Lines, Nagpur.
2	Arti Rameshji Ramteke	20211033307335	Job Training at Manas Ayurved, Nagpur	06/05/2024	22/05/2024	MASAS AYURVED, Gokul- Ghatate layout, near Bole Petrol Pump, Civil Lines, Nagpur.
3	Bhupesh Rajkumar Morekar	20211033307382	Job Training at Manas Ayurved, Nagpur	06/05/2024	22/05/2024	MASAS AYURVED, Gokul- Ghatate layout, near Bole Petrol Pump, Civil Lines, Nagpur.
4	Harshlata Ganesh Thakre	20173031506597	Job Training at Manas Ayurved, Nagpur	06/05/2024	22/05/2024	MASAS AYURVED, Gokul- Ghatate layout, near Bole Petrol Pump, Civil Lines, Nagpur.
5	Kalyani Kisanrao Munne	20101033307342	Job Training at Manas Ayurved, Nagpur	06/05/2024	22/05/2024	MASAS AYURVED, Gokul- Ghatate layout, near Bole Petrol Pump, Civil Lines, Nagpur.
6	Kanak Anilrao Thakre	20201032503349	Job Training at Manas Ayurved, Nagpur	06/05/2024	22/05/2024	MASAS AYURVED, Gokul- Ghatate layout, near Bole Petrol Pump, Civil Lines, Nagpur.

-	Mayuri Damodhar		Job Training at Manas			MASAS AYURVED, Gokul-
'	Sembekar	20211033307346	Ayurved, Nagpur	06/05/2024	22/05/2024	Ghatate layout, near Bole Petrol
						Pump, Civil Lines, Nagpur.
8	Mayuri Purushottamrao	20211073004317	Job Training at Manas Ayurved, Nagpur	0.0000000		MASAS AYURVED, Gokul-
	Digrase	202110/300431/		06/05/2024	22/05/2024	Ghatate layout, near Bole Petrol
						Pump, Civil Lines, Nagpur.
9	Mayuri Wasudeo Banait	2011033307347	Job Training at Manas	0.0000000		MASAS AYURVED, Gokul-
	Sumulto Bunnit	2011033307347	Ayurved, Nagpur	06/05/2024	22/05/2024	Ghatate layout, near Bole Petrol
						Pump, Civil Lines, Nagpur.
10	Prajakta Rameshwar	20211073004333	Job Training at Manas	00000000		MASAS AYURVED, Gokul-
	Nasare	20211075004555	Ayurved, Nagpur	06/05/2024	22/05/2024	Ghatate layout, near Bole Petrol
		and the second se				Pump, Civil Lines, Nagpur.
11	Rani Murlidhar Wanjari	20211033307361	Job Training at Manas Ayurved, Nagpur	06/05/2024	22/05/2024	MASAS AYURVED, Gokul-
						Ghatate layout, near Bole Petrol
1						Pump, Civil Lines, Nagpur.
12	Rohit Angulimal Patil	20211033307412	Job Training at Manas Ayurved, Nagpur	06/05/2024	22/05/2024	MASAS AYURVED, Gokul-
						Ghatate layout, near Bole Petrol
1						Pump, Civil Lines, Nagpur.
13	Sarika Suresh Chaudhari	rika Suresh Chaudhari 20211032506355	Job Training at Manas Ayurved, Nagpur	06/05/2024	22/05/2024	MASAS AYURVED, Gokul-
						Ghatate layout, near Bole Petrol
			Job Training at Manas			Pump, Civil Lines, Nagpur.
14	Vikita Deorao Dandhare	20201032503460		06/05/2024	22/05/2024	MASAS AYURVED, Gokul-
		A	Ayurved, Nagpur	00/05/2024		Ghatate layout, near Bole Petrol
		No. of the second s				Pump, Civil Lines, Nagpur.



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Dr. B. B. Kalbande Asst. Prof. & Head Department of Botany, Nabira Mahavidyalaya, Katol.

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Shikshan Prasarak Mandal's

NABIRA MAHAVIDYALAYA

Katol, Dist-Nagpur-441302 (M.S.)

On Job Training Report

2023-24

Title of OJT

"Job Training at Manas Ayurved, Nagpur"

Submitted to R. T. M. Nagpur University, Nagpur

(In Accordance with the Prerequisite for the Completion of First Year of Post-Graduation in Botany)

> Master of Science in Botany (In The Faculty of Science and Technology)

Submitted By

Aishwarya Subhash Sawarkar

(M.Sc. 1st Year : Semester-II) Botany

Mentor

Dr. Bipinchandra B. Kalbande,

Head & Assistant Professor, Department of Botany, Nabira Mahavidyalaya, Katol



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NABIRA MAHAVIDYALAYA, KATOL

Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com



<u>Certificate</u>

This is to certify that Ms. Aishwarya Subhash Sawarkar, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has successfully completed an internship as an On-Job Trainee at Manas Ayurved, Nagpur. Under the mentorship of Dr. Bipinchandra B. Kalbande, Ms. Sawarkar worked diligently to understand the basic functioning of the Ayurved company. She completed this internship over a period of 15 days, from 06/05/2024 to 22/05/2024, contributing more than 120 hours of work. This training was undertaken as part of the partial fulfillment of the requirements for the award of the degree of Master of Science in the Department of Botany, Nabira Mahavidyalaya, Katol.



Dr. S. K. Navin

Principal, Nabira Mahavidyalaya, Katol

> Principal Nabira Mahavidyalaya, Katol.





Gokul - Ghatate Layout, Near Bole Petrol Pump, Civil Lines, Nagpur Phone: 8087009122; https://manasayurved.com/

Date: 22/05/2024

<u>Certificate</u>

This is to certify that Ms. Aishwarya Subhash Sawarkar, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has worked as an On Job Trainee in this organization under the supervision of Mr. Ambarish Ghatate and his staff from 06/05/2024 to 22/05/2024. She has worked more than 120 hours during this tenure.

Gehalet

Mr. Ambarish Ghatate

Director

Manas Ayurved & Aura Conservation Park





NABIRA MAHAVIDYALAYA, KATOL

Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com



<u>Certificate</u>

This is to certify that Ms. Aishwarya Subhash Sawarkar, student of M.Sc. Botany First Year (Semester-II), Department of Botany has has successfully completed an internship an On Job Trainee at Manas Ayurved, Nagpur for the prupose of understanding the overall functioning of Ayurved company, under the my mentorship. She completed this internship over a period of 15 days, from 06/05/2024 to 22/05/2024, contributing more than 120 hours of work. She worked for the period of 15 days [06/05/2024 to 22/05/2024] for more than 120 hours. This training was undertaken as part of the partial fulfillment of the requirements for the award of the degree of Master of Science in the Department of Botany, Nabira Mahavidyalaya, Katol.

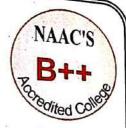
Dr. B. B. Kalbande

Mentor & Head Department of Botany Nabira Mahavidyalaya, Katol Head, Department of Botany, Nabira Mahavidyalaya, Katol.









Shikshan Prasarak Mandal's

NABIRA MAHAVIDYALAYA

Katol, Dist-Nagpur-441302 (M.S.)

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2023-24

Title of OJT

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Submitted to R. T. M. Nagpur University, Nagpur

(In Accordance with the Prerequisite for the Completion of First Year of Post-Graduation in Botany)

> Master of Science in Botany (In The Faculty of Science and Technology)

Submitted By

Arti Rameshji Ramteke

(M.Sc. 1" Year : Semester-II) Botany

Mentor

Dr. Bipinchandra B. Kalbande,

Head & Assistant Professor, Department of Botany, Nabira Mahavidyalaya, Katol



NABIRA MAHAVIDYALAYA, KATOL

Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com



NMK/ /2024

DATE: 22-06-2024

<u>Certificate</u>

This is to certify that Ms. Arti Rameshji Ramteke, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has successfully completed an internship as an On-Job Trainee at Manas Ayurved, Nagpur. Under the mentorship of Dr. Bipinchandra B. Kalbande, Ms. Ramteke worked diligently to understand the basic functioning of the Ayurved company. She completed this internship over a period of 15 days, from 06/05/2024 to 22/05/2024, contributing more than 120 hours of work. This training was undertaken as part of the partial fulfillment of the requirements for the award of the degree of Master of Science in the Department of Botany, Nabira Mahavidyalaya, Katol.



Dr. S. K. Navin

Principal, Nabira Mahavidyalaya, Katol

> Principal Nabira Mahavidyalaya, Katol.





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Date: 22/05/2024

<u>Certificate</u>

This is to certify that Ms. Arti Rameshji Ramteke, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has worked as an On Job Trainee in this organization under the supervision of Mr. Ambarish Ghatate and his staff from 06/05/2024 to 22/05/2024. She has worked more than 120 hours during this tenure.

Gghalit

Mr. Ambarish Ghatate

Director

Manas Ayurved & Aura Conservation Park





NABIRA MAHAVIDYALAYA, KATOL

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B. Kalbande Dr. В.

Mentor & Head Department of Botany Nabira Mahavidyalaya, Katol Head. Department of Botany, Nabira Mahavidyalaya, Katol.





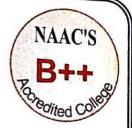
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Shikshan Prasarak Mandal's

NABIRA MAHAVIDYALAYA

Katol, Dist-Nagpur-441302 (M.S.)

On Job Training Report

<u>2023-24</u>

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> Master of Science in Botany (In The Faculty of Science and Technology)

Submitted By

Bhupesh Rajkumar Morekar (M.Sc. 1st Year : Semester-II) Botany

Mentor

Dr. Bipinchandra B. Kalbande,

Head & Assistant Professor, Department of Botany, Nabira Mahavidyalaya, Katol



NABIRA MAHAVIDYALAYA, KATOL

Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com



NMK/ /2024

DATE: 22-06-2024

<u>Certificate</u>

This is to certify that Mr. Bhupesh Rajkumar Morekar, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has successfully completed an internship as an On-Job Trainee at Manas Ayurved, Nagpur. Under the mentorship of Dr. Bipinchandra B. Kalbande, Mr. Morekar worked diligently to understand the basic functioning of the Ayurved company. He completed this internship over a period of 15 days, from 06/05/2024 to 22/05/2024, contributing more than 120 hours of work. This training was undertaken as part of the partial fulfillment of the requirements for the award of the degree of Master of Science in the Department of Botany, Nabira Mahavidyalaya, Katol.

EDA



Dr. S. K. Navin

Principal, Nabira Mahavidyalaya, Katol Principal Nabira Mahavidyalaya, Katol



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Gokul - Ghatate Layout, Near Bole Petrol Pump, Civil Lines, Nagpur Phone: 8087009122; https://manasayurved.com/

Date: 22/05/2024

<u>Certificate</u>

This is to certify that Mr. Bhupesh Rajkumar Morekar, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has worked as an On Job Trainee in this organization under the supervision of Mr. Ambarish Ghatate and his staff from 06/05/2024 to 22/05/2024. She has worked more than 120 hours during this tenure.

Ghotal

Mr. Ambarish Ghatate Director Manas Ayurved & Aura Conservation Park





NABIRA MAHAVIDYALAYA, KATOL



Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com

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Dr. B. B. Kalbande

Mentor & Head Department of Botany Nabira Mahavidyalaya, Katol Head, Department of Botany, Nabira Mahavidyalaya, Katol.









Shikshan Prasarak Mandal's

NABIRA MAHAVIDYALAYA

Katol, Dist-Nagpur-441302 (M.S.)

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> Master of Science in Botany (In The Faculty of Science and Technology)

> > Submitted By

Harshlata Ganesh Thakre

(M.Sc. 1st Year : Semester-II) Botany

Mentor

Dr. Bipinchandra B. Kalbande,

Head & Assistant Professor, Department of Botany, Nabira Mahavidyalaya, Katol



Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com



NMK/ /2024

DATE: 22-06-2024

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This is to certify that Ms. Harshlata Ganesh Thakre, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has successfully completed an internship as an On-Job Trainee at Manas Ayurved, Nagpur. Under the mentorship of Dr. Bipinchandra B. Kalbande, Ms. Thakre worked diligently to understand the basic functioning of the Ayurved company. She completed this internship over a period of 15 days, from 06/05/2024 to 22/05/2024, contributing more than 120 hours of work. This training was undertaken as part of the partial fulfillment of the requirements for the award of the degree of Master of Science in the Department of Botany, Nabira Mahavidyalaya, Katol.

Dr. S. K. Navin

Principal, Nabira Mahavidyalaya, Katol

> Principal Nabira Mahavidyalaya, Katol.





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Gokul - Ghatate Layout, Near Bole Petrol Pump, Civil Lines, Nagpur Phone: 8087009122; https://manasayurved.com/

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Gehnter

Mr. Ambarish Ghatate

Director

Manas Ayurved & Aura Conservation Park





Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com



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Albande

Dr. B. B. Kalbande

Mentor & Head Department of Botany Nabira Mahavidyalaya, Katol Head, Department of Botany, Nabira Mahavidyalaya, Katol.









NABIRA MAHAVIDYALAYA

Katol, Dist-Nagpur-441302 (M.S.)

On Job Training Report

2023-24

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> Master of Science in Botany (In The Faculty of Science and Technology)

Submitted By

Kalyani Kisanrao Munne

(M.Sc. 1st Year : Semester-II) Botany

Mentor

Dr. Bipinchandra B. Kalbande,



Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com



NMK/ /2024

DATE: 22-06-2024

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Dr. S. K. Navin

Principal, Nabira Mahavidyalaya, Katol

Principal Nabira Mahavidyalaya, Katol.





Gokul - Ghatate Layout, Near Bole Petrol Pump, Civil Lines, Nagpur Phone: 8087009122; https://manasayurved.com/

Date: 22/05/2024

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Gabatati

Mr. Ambarish Ghatate

Director Manas Ayurved & Aura Conservation Park





Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com



NMK/ /2024

DATE: 22-06-2024

<u>Certificate</u>

This is to certify that Ms. Kalyani Kisanrao Munne, student of M.Sc. Botany First Year (Semester-II), Department of Botany has has successfully completed an internship an On Job Trainee at Manas Ayurved, Nagpur for the prupose of understanding the overall functioning of Ayurved company, under the my mentorship. She completed this internship over a period of 15 days, from 06/05/2024 to 22/05/2024, contributing more than 120 hours of work. She worked for the period of 15 days [06/05/2024 to 22/05/2024] for more than 120 hours. This training was undertaken as part of the partial fulfillment of the requirements for the award of the degree of Master of Science in the Department of Botany, Nabira Mahavidyalaya, Katol.

Dr. B. B. Kalbande

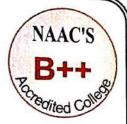
Mentor & Head Department of Botany Nabira Mahavidyalaya, Katol

Reed, Botany Deptt. Nebira Mahavidyalaya, Kata









NABIRA MAHAVIDYALAYA

Katol, Dist-Nagpur-441302 (M.S.)

On Job Training Report

<u>2023-24</u>

Title of OJT

"Job Training at Manas Ayurved, Nagpur"

Submitted to R. T. M. Nagpur University, Nagpur

(In Accordance with the Prerequisite for the Completion of First Year of Post-Graduation in Botany)

> Master of Science in Botany (In The Faculty of Science and Technology)

> > Submitted By

Kanak Anilrao Thakare

(M.Sc. 1st Year : Semester-II) Botany

Mentor

Dr. Bipinchandra B. Kalbande,



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NABIRA MAHAVIDYALAYA, KATOL

Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com



NMK/ /2024

DATE: 22-06-2024

<u>Certificate</u>

This is to certify that Ms. Kanak Anilrao Thakare, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has successfully completed an internship as an On-Job Trainee at Manas Ayurved, Nagpur. Under the mentorship of Dr. Bipinchandra B. Kalbande, Ms. Thakare worked diligently to understand the basic functioning of the Ayurved company. She completed this internship over a period of 15 days, from 06/05/2024 to 22/05/2024, contributing more than 120 hours of work. This training was undertaken as part of the partial fulfillment of the requirements for the award of the degree of Master of Science in the Department of Botany, Nabira Mahavidyalaya, Katol.

Dr. S. K. Navin

Principal, Nabira Mahavidyalaya, Katol

KATOL.

Principal Nabira Mahavidyalaya, Katol



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Gokul - Ghatate Layout, Near Bole Petrol Pump, Civil Lines, Nagpur Phone: 8087009122; https://manasayurved.com/

Date: 22/05/2024

<u>Certificate</u>

This is to certify that Ms. Kanak Anilrao Thakare, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has worked as an On Job Trainee in this organization under the supervision of Mr. Ambarish Ghatate and his staff from 06/05/2024 to 22/05/2024. She has worked more than 120 hours during this tenure.

Gghalan

Mr. Ambarish Ghatate

Director Manas Ayurved & Aura Conservation Park





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NABIRA MAHAVIDYALAYA, KATOL

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Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com



NMK/ /2024

DATE: 22-06-2024

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Dr. B. B. Kalbande

Mentor & Head Department of Botany Nabira Mahavidyalaya, Katol Head, Department of Botany Nabira Mahavidyalaya, Kaca

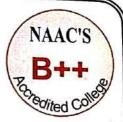




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Shikshan Prasarak Mandal's

NABIRA MAHAVIDYALAYA

Katol, Dist-Nagpur-441302 (M.S.)

On Job Training Report

<u>2023-24</u>

Title of OJT

"Job Training at Manas Ayurved, Nagpur"

Submitted to R. T. M. Nagpur University, Nagpur

(In Accordance with the Prerequisite for the Completion of First Year of Post-Graduation in Botany)

> Master of Science in Botany (In The Faculty of Science and Technology)

Submitted By

Mayuri Damodhar Sembekar (M.Sc. 1st Year : Semester-II) Botany

Mentor

Dr. Bipinchandra B. Kalbande,



Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com



NMK/

/2024

DATE: 22-06-2024

<u>Certificate</u>

This is to certify that Ms. Mayuri Damodhar Sembekar, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has successfully completed an internship as an On-Job Trainee at Manas Ayurved, Nagpur. Under the mentorship of Dr. Bipinchandra B. Kalbande, Ms. Sembekar worked diligently to understand the basic functioning of the Ayurved company. She completed this internship over a period of 15 days, from 06/05/2024 to 22/05/2024, contributing more than 120 hours of work. This training was undertaken as part of the partial fulfillment of the requirements for the award of the degree of Master of Science in the Department of Botany, Nabira Mahavidyalaya, Katol.

Dr. S. K. Navin

Principal, Nabira Mahavidyalaya, Katol

> Principal Nabira Mahavidyalaya, Katol.





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Date: 22/05/2024

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This is to certify that Ms. Mayuri Damodhar Sembekar, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has worked as an On Job Trainee in this organization under the supervision of Mr. Ambarish Ghatate and his staff from O6/05/2024 to 22/05/2024. She has worked more than 120 hours during this tenure.

Genelat

Mr. Ambarish Ghatate

Director

Manas Ayurved & Aura Conservation Park





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NABIRA MAHAVIDYALAYA, KATOL



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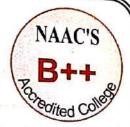
Chand

Dr. B. B. Kalbande

Mentor & Head Department of Botany Nabira Mahavidyalaya, Katol Head, Department of Botany, Nabira Mahavidyalaya, Katok







NABIRA MAHAVIDYALAYA

Katol, Dist-Nagpur-441302 (M.S.)

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> Master of Science in Botany (In The Faculty of Science and Technology)

Submitted By

Mayuri Purushottamrao Digrase

(M.Sc. 1st Year : Semester-II) Botany

Mentor

Dr. Bipinchandra B. Kalbande,



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DATE: 22-06-2024

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Dr. S. K. Navin

Principal, Nabira Mahavidyalaya, Katol

> Principal Nabira Mahavidyalaya, Katol





Gokul - Ghatate Layout, Near Bole Petrol Pump, Civil Lines, Nagpur Phone: 8087009122; https://manasayurved.com/

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Genalat

Mr. Ambarish Ghatate

Director Manas Ayurved & Aura Conservation Park





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Dr. B. B. Kalbande

Mentor & Head Department of Botany Nabira Mahavidyalaya, Katol Head, Department of Botany, Nabira Mahavidyalaya, Katol.







NABIRA MAHAVIDYALAYA

Katol, Dist-Nagpur-441302 (M.S.)

On Job Training Report

2023-24

Title of OJT

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Submitted to R. T. M. Nagpur University, Nagpur (In Accordance with the Prerequisite for the Completion of First Year of Post-Graduation in Botany)

> Master of Science in Botany (In The Faculty of Science and Technology)

Submitted By

Mayuri Wasudeo Banait

(M.Sc. 1" Year : Semester-II) Botany

Mentor

Dr. Bipinchandra B. Kalbande,



Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com



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Dr. S. K. Navin Principal, Nabira Mahavidyalaya, Katol Principal Nabira Mahavidyalaya, Katol.



Gokul - Ghatate Layout, Near Bole Petrol Pump, Civil Lines, Nagpur Phone: 8087009122; https://manasayurved.com/

Date: 22/05/2024

<u>Certificate</u>

This is to certify that Ms. Mayuri Wasudeo Banait, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has worked as an On Job Trainee in this organization under the supervision of Mr. Ambarish Ghatate and his staff from O6/05/2024 to 22/05/2024. She has worked more than 120 hours during this tenure.

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Ghatali

Mr. Ambarish Ghatate

Director Manas Ayurved & Aura Conservation Park





Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com



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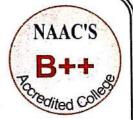
bend Dr. B. B. Kalbande



Mentor & Head Department of Botany Nabira Mahayidyalaya, Katol Head, Department of Botany Nabira Mahavidyalaya, Kato.







NABIRA MAHAVIDYALAYA

Katol, Dist-Nagpur-441302 (M.S.)

On Job Training Report

<u>2023-24</u>

Title of OJT

"Job Training at Manas Ayurved, Nagpur"

Submitted to R. T. M. Nagpur University, Nagpur (In Accordance with the Prerequisite for the Completion of First Year of Post-Graduation in Botany)

> Master of Science in Botany (In The Faculty of Science and Technology)

Submitted By

Prajakta Rameshwar Nasare (M.Sc. 1st Year : Semester-II) Botany

Mentor

Dr. Bipinchandra B. Kalbande,



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NABIRA MAHAVIDYALAYA, KATOL

Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com



NMK/ /2024

DATE: 22-06-2024

Certificate

This is to certify that Ms. Prajakta Rameshwar Nasare, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has successfully completed an internship as an On-Job Trainee at Manas Ayurved, Nagpur. Under the mentorship of Dr. Bipinchandra B. Kalbande, Ms. Nasare worked diligently to understand the basic functioning of the Ayurved company. She completed this internship over a period of 15 days, from 06/05/2024 to 22/05/2024, contributing more than 120 hours of work. This training was undertaken as part of the partial fulfillment of the requirements for the award of the degree of Master of Science in the Department of Botany, Nabira Mahavidyalaya, Katol.

Dr. S. K. Navin

Principal, Nabira Mahavidyalaya, Katol

> Principal Nabira Mahavidyalaya. Katol





Gokul - Ghatate Layout, Near Bole Petrol Pump, Civil Lines, Nagpur Phone: 8087009122; https://manasayurved.com/

Date: 22/05/2024

<u>Certificate</u>

This is to certify that Ms. Prajakta Rameshwar Nasare, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has worked as an On Job Trainee in this organization under the supervision of Mr. Ambarish Ghatate and his staff from 06/05/2024 to 22/05/2024. She has worked more than 120 hours during this tenure.

GGhelati

Mr. Ambarish Ghatate

Director Manas Ayurved & Aura Conservation Park





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DATE: 22-06-2024

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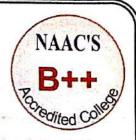
Dr. B. B. Kalbande

Mentor & Head Department of Botany Nabira Mahavidyalaya, Katol Head, Department of Botany, Nabira Mahavidyalaya, Katol.









NABIRA MAHAVIDYALAYA

Katol, Dist-Nagpur-441302 (M.S.)

On Job Training Report

2023-24

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> Master of Science in Botany (In The Faculty of Science and Technology)

Submitted By

Rani Murlidhar Wanjari

(M.Sc. 1st Year : Semester-II) Botany

Mentor

Dr. Bipinchandra B. Kalbande,



NABIRA MAHAVIDYALAYA, KATOL

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NMK/

/2024

DATE: 22-06-2024

<u>Certificate</u>

This is to certify that Ms. Rani Murlidhar Wanjari, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has successfully completed an internship as an On-Job Trainee at Manas Ayurved, Nagpur. Under the mentorship of Dr. Bipinchandra B. Kalbande, Ms. Wanjari worked diligently to understand the basic functioning of the Ayurved company. She completed this internship over a period of 15 days, from 06/05/2024 to 22/05/2024, contributing more than 120 hours of work. This training was undertaken as part of the partial fulfillment of the requirements for the award of the degree of Master of Science in the Department of Botany, Nabira Mahavidyalaya, Katol.

Dr. S. K. Navin

Principal, Nabira Mahavidyalaya, Katol

> Principal Nabira Mahavidyalaya, Katol.





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Gokul - Ghatate Layout, Near Bole Petrol Pump, Civil Lines, Nagpur Phone: 8087009122; https://manasayurved.com/

Date: 22/05/2024

<u>Certificate</u>

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Ghatat

Mr. Ambarish Ghatate

Director Manas Ayurved & Aura Conservation Park





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Dr. B. B. Kalbande

Mentor & Head Department of Botany Nabira Mahavidyalaya, Katol

> Heed, Botany Depri Nahira Mahavidvalava Kari









NABIRA MAHAVIDYALAYA

Katol, Dist-Nagpur-441302 (M.S.)

On Job Training Report

<u>2023-24</u>

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> Master of Science in Botany (In The Faculty of Science and Technology)

Submitted By

Rohit Angulimal Patil (M.Sc. 1" Year : Semester-II) Botany

Mentor

Dr. Bipinchandra B. Kalbande,



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NABIRA MAHAVIDYALAYA, KATOL

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NMK/ /2024

DATE: 22-06-2024

<u>Certificate</u>

This is to certify that Mr. Rohit Angulimal Patil, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has successfully completed an internship as an On-Job Trainee at Manas Ayurved, Nagpur. Under the mentorship of Dr. Bipinchandra B. Kalbande, Mr. Patil worked diligently to understand the basic functioning of the Ayurved company. He completed this internship over a period of 15 days, from 06/05/2024 to 22/05/2024, contributing more than 120 hours of work. This training was undertaken as part of the partial fulfillment of the requirements for the award of the degree of Master of Science in the Department of Botany, Nabira Mahavidyalaya, Katol.

Dr. S. K. Navin Principal, Nabira Mahavidyalaya, Katol Principal Nabira Mahavidyalaya, Katol.





Gokul - Ghatate Layout, Near Bole Petrol Pump, Civil Lines, Nagpur Phone: 8087009122; https://manasayurved.com/

Date: 22/05/2024

<u>Certificate</u>

This is to certify that Mr. Rohit Angulimal Patil, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has worked as an On Job Trainee in this organization under the supervision of Mr. Ambarish Ghatate and his staff from 06/05/2024 to 22/05/2024. He has worked more than 120 hours during this tenure.

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Mr. Ambarish Ghatate

Director Manas Ayurved & Aura Conservation Park





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DATE: 22-06-2024

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This is to certify that Mr. Rohit Angulimal Patil, student of M.Sc. Botany First Year (Semester-II), Department of Botany has has successfully completed an internship an On Job Trainee at Manas Ayurved, Nagpur for the prupose of understanding the overall functioning of Ayurved company, under the my mentorship. He completed this internship over a period of 15 days, from 06/05/2024 to 22/05/2024, contributing more than 120 hours of work. He worked for the period of 15 days [06/05/2024 to 22/05/2024] for more than 120 hours. This training was undertaken as part of the partial fulfillment of the requirements for the award of the degree of Master of Science in the Department of Botany, Nabira Mahavidyalaya, Katol.

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B. B. Kalbande Dr.

Mentor & Head Department of Botany Nabira Mahavidyalaya, Katol Head. Department of Botany Mahavidyalaya, Katos.







NABIRA MAHAVIDYALAYA

Katol, Dist-Nagpur-441302 (M.S.)

On Job Training Report

<u>2023-24</u>

Title of OJT

"Job Training at Manas Ayurved, Nagpur"

Submitted to R. T. M. Nagpur University, Nagpur

(In Accordance with the Prerequisite for the Completion of First Year of Post-Graduation in Botany)

> Master of Science in Botany (In The Faculty of Science and Technology)

Submitted By

Sarika Suresh Chaudhari

(M.Sc. 1st Year : Semester-II) Botany

Mentor

Dr. Bipinchandra B. Kalbande,



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NABIRA MAHAVIDYALAYA, KATOL

Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com



NMK/ /2024

DATE: 22-06-2024

<u>Certificate</u>

This is to certify that Ms. Sarika Suresh Chaudhari, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has successfully completed an internship as an On-Job Trainee at Manas Ayurved, Nagpur. Under the mentorship of Dr. Bipinchandra B. Kalbande, Ms. Chaudhari worked diligently to understand the basic functioning of the Ayurved company. She completed this internship over a period of 15 days, from 06/05/2024 to 22/05/2024, contributing more than 120 hours of work. This training was undertaken as part of the partial fulfillment of the requirements for the award of the degree of Master of Science in the Department of Botany, Nabira Mahavidyalaya, Katol.

Dr. S. K. Navin

Principal, Nabira Mahavidyalaya, Katol

> Principal Nabira Mahavidyalaya, Katol





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Gokul - Ghatate Layout, Near Bole Petrol Pump, Civil Lines, Nagpur Phone: 8087009122; https://manasayurved.com/

Date: 22/05/2024

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<u>Certificate</u>

This is to certify that Ms. Sarika Suresh Chaudhari, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has worked as an On Job Trainee in this organization under the supervision of Mr. Ambarish Ghatate and his staff from 06/05/2024 to 22/05/2024. She has worked more than 120 hours during this tenure.

Gehatak

Mr. Ambarish Ghatate

Director Manas Ayurved & Aura Conservation Park





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NMK/ /2024

DATE: 22-06-2024

<u>Certificate</u>

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Dr. B. B. Kalbande

Mentor & Head Department of Botany Nabira Mahayidyalaya, Katol Head, Department of Botany, Nabira Mahavidyalaya, Katol.





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Shikshan Prasarak Mandal's

NABIRA MAHAVIDYALAYA

Katol, Dist-Nagpur-441302 (M.S.)

On Job Training Report

<u>2023-24</u>

Title of OJT

"Job Training at Manas Ayurved, Nagpur"

Submitted to R. T. M. Nagpur University, Nagpur

(In Accordance with the Prerequisite for the Completion of First Year of Post-Graduation in Botany)

> Master of Science in Botany (In The Faculty of Science and Technology)

> > Submitted By

Vikita Deorao Dandhare

(M.Sc. 1st Year : Semester-II) Botany

Mentor

Dr. Bipinchandra B. Kalbande,

Head & Assistant Professor, Department of Botany, Nabira Mahavidyalaya, Katol



NABIRA MAHAVIDYALAYA, KATOL

Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com



NMK/ /2024

DATE: 22-06-2024

<u>Certificate</u>

This is to certify that Ms. Vikita Deorao Dandhare, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has successfully completed an internship as an On-Job Trainee at Manas Ayurved, Nagpur. Under the mentorship of Dr. Bipinchandra B. Kalbande, Ms. Dandhare worked diligently to understand the basic functioning of the Ayurved company. She completed this internship over a period of 15 days, from 06/05/2024 to 22/05/2024, contributing more than 120 hours of work. This training was undertaken as part of the partial fulfillment of the requirements for the award of the degree of Master of Science in the Department of Botany, Nabira Mahavidyalaya, Katol.

Dr. S. K. Navin

Principal, Nabira Mahavidyalaya, Katol

> Principal Nabira Mahavidyalaya, Katol.





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Date: 22/05/2024

<u>Certificate</u>

This is to certify that Ms. Vikita Deorao Dandhare, student of M.Sc. Botany First Year (Semester-II), Department of Botany, Nabira Mahavidyalaya, Katol, has worked as an On Job Trainee in this organization under the supervision of Mr. Ambarish Ghatate and his staff from O6/05/2024 to 22/05/2024. She has worked more than 120 hours during this tenure.

Ghalate

Mr. Ambarish Ghatate

Director

Manas Ayurved & Aura Conservation Park





NABIRA MAHAVIDYALAYA, KATOL

Dist.- Nagpur (Maharashtra) - 441302 Office - 07112-222004, 222085, 222164, Fax – 07112-222004 Email: - nmv.college@rediffmail.com



NMK/ /2024

DATE: 22-06-2024

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Dr. B. B. Kalbande

Mentor & Head Department of Botany Nabira Mahavidyalaya, Katol Head, Department of Botany, Nabira Mahavidyalaya, Katol



Shikshan Prasarak Mandal Nabira Mahavidyalaya,Katol



IQAC Initiatives Two Days Workshop On Python Programming



Organized By UG Dept. Of Computer Science & PG Dept. Of Physics Date : 12th and 13th Feb 2024 Time: 10am



Dr. S.K. Navin Principal Nabira Mahavidyala Katol

Dr.Rajuji Deshmukh President Shikshan Prasarak Mandal Katol

By Mr.Nikhil Raut Crescent Web Technology Pvt. Ltd.

Organized by Dr.Yogita Mahant (Co-ordinator Of Physics) Mrs. Madhuri Meshram Co-ordinator Of Computer Science)







Shikshan Prasarak Mandal's

NABIRA MAHAVIDYALAYA, KATOL

District Nagpur (M.H.), Pin: 441302 Graduation & Post Graduation in Arts, Commerce, Science & Management

MEMORANDUM OF UNDERSTANDING

Between

Department Of Computer Science and

Crescent web Technology, Nagpur

Session: 2023-2024

Name of the Programme: Two days' workshop on Python Programming.

Date: 12th and 13th Feb. 2024

Number of beneficiaries: 52

Objective of the program:-

- 1)To understand why Python is a useful scripting language for developers.
- 2)To learn how to design and program Python applications.
- 3)To learn how to use lists, tuples, and dictionaries in Python programs.
- 4)To learn how to identify Python object types.
- 5)To learn how to use indexing and slicing to access data in Python programs.
- 6)To learn how to build and package Python modules for reusability.
- 7)To learn how to read and write files in Python.

About of the Speaker/guest-

Mr. Nikhil Raut Crescent web Technology, Nagpur.

Mention here if program organize under MoU:-

The Workshop is organised under the MoU.

Description of the Program:-

Post Graduate Dept. Of Physics and Dept of computer science NMV, Katol organized a Two days workshop on "Python Programming" on 12th and 13th February 2024. The workshop was conducted by Nikhil Raut , Director Crescent web technology Nagpur. Ms. Madhuri Meshram, Head of the Department welcomed Mr. Nikhil Raut Sir and introduced him. Mr. Nikhil Raut sir delivered a speech on Python programming. He explained the importance of Python language to the students to do projects and improve their career opportunities Mrs. Yogita Mahant madam gave vote of thanks on behalf of all.

Outcome of the program:-

Acquired the ability to apply computer science knowledge to real-world problems.
 Learned about the most recent developments in a variety of computer science topics.

3)Prepared students for placement through soft skill and personality development.

4)Developed students logical, analytical, and programming thinking skills.

5)Recognized the importance of lifelong learning, as well as the most recent advancements in IT and future opportunities and constraints.

6)Obtained the capacity to constructively engage in conversations and debates throughout society.

7)Developed management abilities to serve the business market.

Sr.No.	Full Name (in Capital Letters)	Qualification
1.	SAKSHI P. NARNAWARE	B.SC.I
2.	SUHANI R. BORKAR	B.SC.I
3.	DIMPAL W. DONGRE	B.SC.I
4.	GAURI. R BAGDE	B.SC.I
5.	SAYLI P. SHRIRAME	B.SC.I
6.	GUNJAN D. REWATKER	B.SC.I
7.	PAYAL S. REWATKAR	B.SC.I
8.	KAJAL R. KATARE	B.SC.I
9.	PRACHI S. PADOLIYA	B.SC.I
10.	ROHANI A. REWATKER	B.SC.I
11.	ARJUN V. PANDE	B.SC.I
12.	SAKSHI P. NARNAWARE	B.SC.I
13.	SUHANI R. BORKAR	B.SC.I

List of the students / attendees :-

14.	DIMPAL W. DONGRE	B.SC.I
15.	GAURI. R BAGDE	B.SC.I
16.	SAYLI P. SHRIRAME	B.SC.I
17.	GUNJAN D. REWATKER	B.SC.I
18.	PAYAL S. REWATKAR	B.SC.I
19.	CHITRALEKHA V. GHADGE	B.SC.II
20.	PRITAM INGOLE	B.SC.II
21.	BHAGYASHREE GORSE	B.SC.II
22.	LEENA R. TIPLE	B.SC.II
23.	ALFIYA A. PATHAN	B.SC.II
24.	DIVYA R. BONDRE	B.SC.II
25.	TOSHIKA DESHMUKH	B.SC.II
26.	DHANASHRI KALAMBE	B.SC.II
27.	MINAL K. DHAMDE	B.SC.II
28.	VAISHALI T. DEWASE	B.SC.II
29.	SHREYA M. SHEDAME	B.SC.II
30.	SHARUKH U.PATHAN	B.SC.II
31.	ISHANT V. GHAGARE	B.SC.II
32.	ABHAY D. CHOPADE	B.SC.II
33.	SONALI M. PANDEY	B.SC.III
34.	ACHAL R. CHARDE	B.SC.III
35.	JANVI M. THAKRE	B.SC.III
36.	SAYMA R. SHEIKH	B.SC.III
37.	JAY P. KUMERIYA	B.SC.III
38.	MANISH K. SHENDE	B.SC.III
39.	YOGESH B. MAHALLE	B.SC.III
40.	MAYURI A. JUNANKAR	B.SC.III
41.	RITU E. YENURKAR	B.SC.III
42.	GAYATRI D. DAMEDHAR	B.SC.III
43.	KANCHAN R. GURAO	B.SC.III
44.	SNEHA DHOTE	B.SC.III
45.	DINESH L. BARDE	M.SC.I
46.	GUNJAN E. YENORKAR	M.SC.I
47.	JANHAVI S. PURI	M.SC.I
48.	SEJAL S. GHORMADE	M.SC.I
49.	YAMINI P. WASULE	M.SC.I
50.	SUVARNA A. KHAWSHE	M.SC.I
51.	ACHAL D. DESHMUKH	M.SC.I
52.	KALYANI D. CHAPLE	M.SC.I



Fig. Sample Certificate

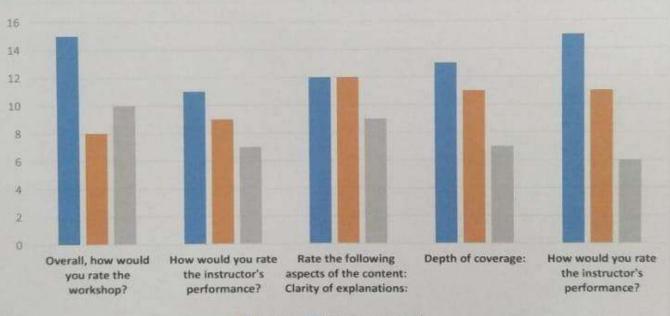


Geo-tagged photographs / Event wise pictures with caption.

Fig. Dr. S. K. Navin, Principal Sir addressing the B.Sc. Computer Science students



A Group photo with guest Mr. Nikhil Raut sir

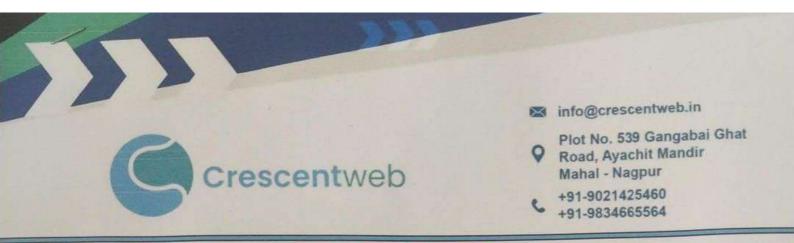


Feedback with analysis along with graphical representation.

Excellent Very Good Good



Uspartment of Compater Science Nabira Mahavioresitya, Kator



MEMORANDUM OF UNDERSTANDING (MoU) BETWEEN Nabira Mahavidyalaya Katol,Nagpur AND Crescentweb Technology Nagpur

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into this the 15 of March 2023 between Nabira Mahavidyalaya Katol,Nagpur and Crescentweb Technology Nagpur.

Nabira Mahavidyalaya Katol,Nagpur, the First Party represented herein by its Dr.S.K.Navin (Principal) Nabira Mahavidyalaya Katol,Nagpur, And Crescentweb Technology Nagpur. The Second party, and represented herein by its Mr.Nikhil Raut(Managing Director) WHEREAS:

A)First Party is a Higher Educational Institution named: Nabira Mahavidyalaya Katol,Nagpur

B) First Party & amp; Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.

D) Crescentweb Technology Nagpur,- the Second Party is engaged in Internship/ Training/ Placement.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:



CLAUSE 2

SCOPE OF THE MOU

2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.

2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.

2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.

2.4 There is no financial commitment on the part of the **Crescentweb Technology** the first party to take up any program mention in MoU.

2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

CLAUSE 3

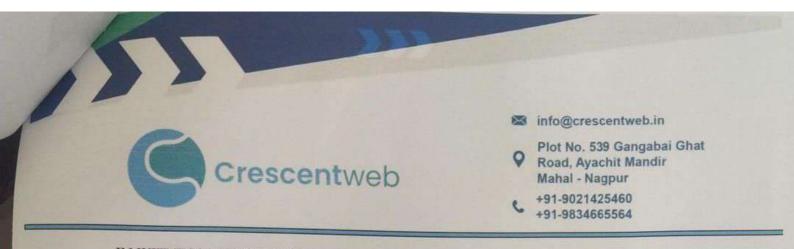
VALIDITY

3.1 This Agreement will be valid for three years from the date of signature and can be renewed based on mutual consent

CLAUSE 4

RELATIONSHIP BETWEEN THE PARTIES

4.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.



IN WITNESS WHEREOFF the two parties have signed this understanding on the day and date as above.

First Party Il Principal Nabira Mahavidyalaya Katol,

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Second For Crescentweb Technology

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Shikshan Prasarak Mandal's

NABIRA MAHAVIDYALAYA, KATOL

District Nagpur (M.H.), Pin: 441302 Graduation & Post Graduation in Arts, Commerce, Science & Management

Department of Management Studies

Session: 2023-24

Title: CPBFI

Date: _____

Number of beneficiaries: 31

Objective of the program:

- \circ $\;$ To acquire foundational knowledge about banking and finance
- To understand Industry Insight
- o To understand Ethical and Professional Standards of finance industry
- o To understand the technological proficiency of banking industry
- o To understand Financial Decision-Making process
- \circ To understand Customer Relationship Management in banking and finance industry
- o To understand Research and Innovation in finance industry

About of the Speaker/guest-

Mr. N.Raju Girish CPBFI Nagpur

Mr. Alok Chourasiya CPBFI Nagpur

Contents cover in the programme:

- 1. Introduction to Banking and Finance
- 2. Financial Markets and Institutions
- 3. Financial Instruments and Products
- 4. Banking Operations and Services
- 5. Risk Management in Banking
- 6. Investment Management
- 7. Corporate Finance
- 8. Regulatory Framework and Compliance
- 9. Financial Analysis and Reporting
- 10. Fintech and Innovation in Finance
- 11. Ethics and Professional Standards
- 12. Global Perspective in Banking and Finance
- 13. Case Studies and Practical Applications
- 14. Career Development and Industry Insights

Description of the program

Department of Management studies has organised Certificate programme in banking, finance, and insurance for the students of MBA Department. The speaker of the program was Mr. N Raju Girish, Mr. Alok Chourasiya. Speaker delivers session on Introduction to Banking and Finance, Financial Markets and Institutions, Financial Instruments and Products, Banking Operations and Services, Risk Management in Banking, Investment Management etc. The program was anchored by Miss. Hetal Wakhariya. The chairman of the program was Dr. Adil Jiwani. Prof. J. M. Patil, HOD of BBA Department and other staff member work hard for success of the program. Mr. Gaurav Kalmegh deliver vote of thanks of the program.

Sample of the certificate



Geo-tagged photographs / Event wise pictures with caption.

Speaker delivering lecture

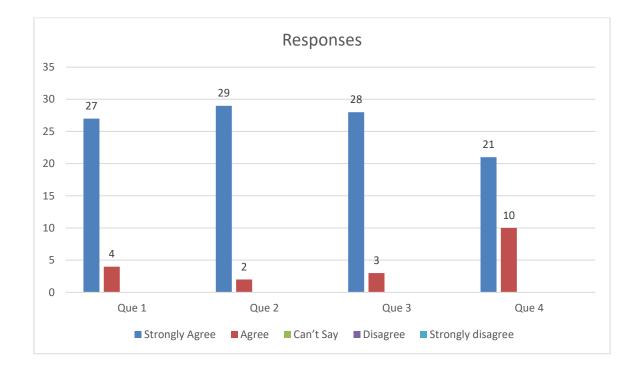






Feedback Analysis of Way forward to MBA

	Questions		Response					
	Questions	Strongly Agree Agree		Can't Say	Disagr ee	Strongly disagree		
1.	You think you are motivated from the knowledge shared by the Guest Speaker.	27	4	0	0	0		
2.	You think the guest lecture helped you in Understanding Concepts shared by the speakers".	29	2	0	0	0		
3.	You think more such events be organized by the department.	28	3	0	0	0		
4.	You are satisfied by the overall event.	21	10	0	0	0		



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Department of Management Studies

Nabira Mahavidyalaya, Katol

List of Participants

r. No.	Name of Student	Result	
	Achal Devidasji Kalbande	Pass	
2.	Akanksha Pravin Dewase	Pass	
3.	Akash Sahebrao Waghmare	Pass	
4.	Bhagyashri Gopal Chafale	Pass	
5.	Bhumeshwari Shankarrao Kale	Pass	
6.	Divya Manoj Gore	Pass	
7.	Gunjan Rajesh Prajapati	Pass	
8.	Harshali Sanjay Puri	Pass	
9.	Himanshi Sanjay Bhore	Pass	
10.	Hina Hariram Pathade	Pass	
11.	Mayuri Ashok Marbate	Pass	
12.	Mosami Jivanji Munne	Pass	
13.	Nikita Sheshrao Hedau	Pass	
14.	Nitesh Devidas Lad	Pass	
15.	Pratiksha Dhanraj Raut	Pass	
16.	Pratiksha Prabhakar Sawarkar	Pass	
17.	Radhika Sanjay Dange	Pass	
18.	Rupesh Uttamrao Maske	Pass	
19.	Rutwik Vijayrao Shinde	Pass	
20.	Sakshi Prakash Bagde	Pass	
21.	Sakshi Vitthal Dhote	Pass	
22.	Snehal Dnyaneshwar Mate	Pass	
23.	Sweety Devrao Kanire	Pass	
24.	Umang Mukesh Arora	Pass	
25.	Vaishali Ramdas Sawarkar	Pass	
26.	Vipin Brijendra Pandey	Pass	
27.	Payal Somnathe	-	
28.	Chaitali Shende	-	
29.	Prachi Dakhole	-	
30.	Nisha Tathode		
31.	Sakshi Dhote	-	
32.	Gaurav Gohate	-	



RASTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

NABIRA MAHAVIDYALAYA, KATOL DEAPRTMENT OF MICROBIOLOGY



Letter for Permission

To The Director Genesis Pathology Laboratory Nagar Parishad Complex, Main Road Katol

Subject: - Permission Request for On Job Training (OJT) in your renounced organization.

Dear Sir,

I am Dr. N.B. Hirulkar Head Department of Microbiology Nabira Mahavidyalaya Katol as a part of our curriculum of M.Sc. Sem II Microbiology NEP, session 2023-24 belong to RTMNU Nagpur, students would to do an entrepreneurship in which they will have to learn about the roles and responsibilities of work profile.

So I am requesting you to allow these students for training work of about 120 Hrs, Kindly give the permission for following students. List of candidates attached with this request letter.

Thanking You



Dr.N.B. Hirul Fulkar.

Head

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RASTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

NABIRA MAHAVIDYALAYA, KATOL

DEAPRTMENT OF MICROBIOLOGY



List of Students for On Job Training

Sr. No.	Name of Students	Class	
1	Achal Mahske		
2	Yuvarani Malode	M.Sc. Sem II M/B	
3	Neha Dudhe	M.Sc. Sem II M/B	
4	Chitali Lade	M.Sc. Sem II M/B	
5	Khushali Sonone	M.Sc. Sem II M/B M.Sc. Sem II M/B	
6	Nisha Tarte	M.Sc. Sem II M/B	
7	Mayuri Gaikawad	M.Sc. Sem II M/B	
8	Ruchta Hiwase	M.Sc. Sem II M/B	



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Dr. N. B. Hroulla.

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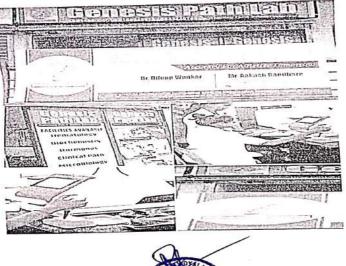
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Certificate

This is to certify that Ms. KHUSHALI.G.SONWANE has worked as a trainee in Genesis Pathology Laboratory, Katol. Where OJT/Internship/Field Project has been carried out under the supervision of Mr. Aakash Dandhare from 10/04/2024 to 14/05/2024. She has worked regularly and punctually for not less than 120 hours during this tenure.

Head of the institute/organization

M.D. Pathinogist. Genesis Path Lab



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Certificate

This is to certify that Ms. Neha Ashokrao Dhude has worked as a trainee in Genesis Pathology Laboratory, Katol. Where OJT/Internship/Field Project has been carried out under the supervision of Mr. Aakash Dandhare from 10/04/2024 to 14/05/2024. She has worked regularly and punctually for not less than 120 hours during this tenure.

11 Head of the institute/organization Mr Aakach Dandhere Dirertor PET MSC DLT ADML (Mambai) Genesis Path Lab.



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<u>Certificate</u>

This is to certify that Ms. NISHA.P.TARTE has worked as a trainee in Genesis Pathology Laboratory, Katol. Where OJT/Internship/Field Project has been carried out under the supervision of Mr. Aakash Dandhare from 10/04/2024 to 14/05/2024. She has worked regularly and punctually for not less than 120 hours during this tenure.

Head of the institute/organization

Dr. Dilip v M.D. Path	wankar.
Senesis	Path Lab



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PROJECT REPORT

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On job training (OJT)

On

To Perform Hematology CBC Counting Blood Test

Submitted by

Ku. Neha Ashok Dhude

M.Sc. 1st year (Microbiology) Sem II

Under the guidance of

Dr. DILEEP WANKAR

Mr. AAKASH DANDHARE

GENESIS PATH LAB

DEPARTMENT OF MICROBIOLOGY, NABIRA MAHAVIDYALAYA, KATOL





Certificate

This is to certify that Ms. Neha Ashokrao Dhude has worked as a trainee in Genesis Pathology Laboratory, Katol. Where OJT/Internship/Field Project has been carried out under the supervision of Mr. Aakash Dandhare from 10/04/2024 to 14/05/2024. She has worked regularly and punctually for not less than 120 hours during this tenure.

Head of the institute/organization

Mr Aakach Dandhere Director MSC DLT ADML PET (Mombai) Path Lab Genes



Certificate

This is to certified that Ms.Neha Ashok Dhude satisfactorily completed her On Job Training (OJT) /Internship/ Field project under the supervision of Dr. Dilcep Wankar and Mr. Akash Dandhare from 10/4/2024 to 14/5/2024 in a partial fulfillment for the requirements of Degree of Master of Science in Microbiology Semister II (NEP) and is being submitted to Dr.N.B. Hirulkar head Department of Microbiology Nabira Mahavidyalaya Katol District – Nagpur, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in the academic year of 2023-2024.

Dr. S. K. Navin

Principal

Nabira Mahavidyalaya Katol

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Department of microbiology

And Biotechnology

Nabira Mahavidyalaya, Katol

Head Department of Microbiology & Biotechnology, Nabira Mahavidyalaya, Katol

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DECLARATION OF STUDENT

I hereby declare that, the work presented in this On Job Training (OJT) /Internship /Field Project submitted for the partial fulfilment of The degree of Master of Science, Semester-II (NEP) under Faculty of Science of Rashtrasant Tukadoji Maharaj Nagpur University was Carried out at Department of Microbiology, Nabira Mahavidyalaya Katol, District- Nagpur under the guidance and supervision of Dr. Dileep Wankar & Mr. Aakash Dandhare. I also declare that, I had worked regularly and punctually for not less Than 120 hours during this occupancy.

Date-2 June 2024

Place: Katol

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Miss.Neha Dhude M.Sc (Microbiology) Semester- II Nabira Mahavidyalaya Katol. District -Nagpur.

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ACKNOWLEDGEMENT

I intend to express my greatest thanks to my Mentor Dr. Dileep Wankar & Mr. Aakash Dandhare as well as Dr. S. K. Navin Nabira Mahavidyalaya katol who provided the valuable Guidance and constant encouragement.

I would also like to express my deepest appreciation to all those who Provided me the Possibility to complete this report. It is with Deepest sense of gratitude and reverence that I Express my Indebtedness to Genesis Path Lab katol, District Nagpur who granted to do 120 hrs. (30 Days)internship in this highly equipped laboratory.

I take privilege to express my sincere thanks and gratitude to our **Head Of Department Of Microbiology, Dr. N.B Hirulkar** who gave me guidance and valuable Suggestions. I also thankful to **Ku. D.M. Ridhorkar mam**. Specially, I would also like to thank to god, my parents, staff (Technician and In charge) and to my friends who helped me a lot in finalizing this project within the limited time frame.

Thank You All !

Dater June 2024

Place: Katol.

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Miss . Neha Dhude M.Sc (Microbiology). Semester- II Nabira Mahavidyalaya Katol . District -Nagpur

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Organization Profile

Genesis path lab katol is a diagnostic and pathology laboratory located in Katol, a town in Nagpur district of Maharashtra, India. The lab is dedicated to provide accurate and reliable medical testing service to support patient care and healthcare management.

Aim :- Genesis lab is committed to enhance healthcare outcomes by offering comprehensive diagnostic services with focus on accuracy, reliability and timely reporting. Their aim is to support clinician and patient with precise diagnostic insights that facilitates informed medical decisions.

Vision :- To be a leading diagnostic centre recognised for excellence in laboratory services, contributing to improve health and well being in the community through enovation and quality.

Service Offered :- Genesis lab offers wide range of diagnostic and pathology service.

• Clinical biochemistry :- Blood glucose, lipid profile, liver function test, kidney function test etc.

- Hematology :- Complete Blood Count (CBC), hemoglobin estimation, blood grouping etc.
- Microbiology :- Culture and sensitivity test, Urine analysis, stool examination etc.
- Serology :- Test for infection such as HIV, hepatitis, dengue etc
- Molecular diagnostics :- PCR test, genetic testing and other advance molecular techniques.

Technology and Equipment :- Equipment with state of the art technology and modern laboratory equipment to high accuracy reliability of test results .

Team :- Lab staffed team of qualified and experienced pathology, laboratory technicians, and support staff.

Patient care :- Lab dedicated to patient centre care, insured the patient received result timely and lab also offerns home samples.

Contact Information :- Address :- Room no. FF-4 above bank of india nagar parishad complex near swimming pool Katol, Nagpur District, Maharashtra India.

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Phone :- 9146600601 Email :- genesispathlab2023@gmail.com.

Hematology CBC Counting

Introduction

A complete blood count (CBC), also known as a full blood count (FBC), is a set of medical laboratory tests that provide information about the cells in a person's blood. The CBC indicates the counts of white blood cells, red blood cells and platelets, the concentration of hemoglobin, and the hematocrit (the volume percentage of red blood cells). The red blood cell indices, which indicate the average size and hemoglobin content of red blood cells, are also reported, and a white blood cell differential, which counts the different types of white blood cells, may be included.

Complete blood count (CBC) test is one of the most common and important blood tests that measures the number and characteristics of different types of cells in the blood, such as red blood cells, white blood cells, and platelets. CBC test can help diagnose and monitor various diseases and conditions, such as anemia, infection, inflammation, bleeding, and cancer.we will explore the history of CBC test from its origins in the 19th century to its modern developments in the 21st century.

The first person to publish microscopic observations of blood cells was Antonie van Leeuwenhoek, who reported on the appearance of red cells in a 1674 letter to the Proceedings of the Royal Society of London. The physiologist Karl Vierordt is credited with performing the first blood count. His technique, published in 1852, In the 1870s, Paul Ehrlich developed a staining technique using a combination of an acidic and basic dye that could distinguish different types of white blood cells and allow red blood cell morphology to be examined. Dmitri Leonidovich Romanowsky improved on this technique in the 1890s, using a mixture of eosin and aged methylene blue to produce a wide range of hues not present when either of the stains was used alone.

The first techniques for measuring hemoglobin were devised in the late 19th century, and involved visual comparisons of the colour of diluted blood against a known standard. The first machine that could count blood cells was invented by Wallace Coulter, an American engineer, in 1953. His machine used the principle of electrical impedance, which means that the resistance of a fluid changes when a particle passes through a small aperture.

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Hematology Analyzers History

Hematology Analyzer, also known as Blood Cell Analyzer or Blood Cell Counter, is mainly used for testing blood specimens. This instrument can qualitatively and quantitatively analyze the blood components and provide relevant information.

Since the early 1950s, when Mr. Coulter invented the patent for particle counting technology and manufactured the first hematology analyzer for clinical use, hematology analyzers have been in development for more than 60 years. A hematology analyzer is essentially an instrument that analyzes the number and heterogeneity of blood cells in a given volume.

The original blood counters were only able to count red blood cells (RED) and white blood cells (WBC). Later, several parameters such as hemoglobin (HBG), platelets (PLT), red blood cell pressure (HCT), and mean red blood cell volume (MCV) were added.

After the development of Hematology Analyzer, many more parameters have been added for analysis and calculation. Such as Red Blood Cell Volume Distribution Width (RDW), Mean Platelet Volume (MPV), Platelet Volume Distribution Width (PDW), Platelet Pressure Volume (PCT), Large Platelet Ratio, Leukocyte Triplet, Leukocyte Quintuplet, Hemoglobin Concentration Distribution Width, Abnormal Lymphocyte Indication, Infantile Cell Indication, etc. Various parameters and features are constantly being added to some brands of instruments.

Hematology Analyzers Principles

This principle has become the most classic principle in blood cell counting and analysis. The basic meaning of the coulter principle is: a micro-pore is placed in the liquid to be measured, and electrodes of a certain voltage are added at each end of the micro-pore. When the particles in the liquid pass through the micropore, the resistance between the electrodes will produce an instantaneous change. As a result, an electrical pulse is generated. The number of particles can be obtained by counting this electrical pulse. The size of the pulse amplitude indicates the size of the particle volume. By selecting the electrons of the size of the pulses generated by each cell, the different types of cells can be distinguished. By adding a certain amount of negative pressure to the liquid, the liquid passing through the micropores can be made to flow. With the application of various high-tech technologies such as electronics, flow cytometry, laser technology, electronic computer technology and new fluorescent chemicals in clinical testing. This has taken the Hematology analyzers are no longer limited to performing routine blood cell analysis. Many additional features have been added to this instrument. For example, the ability to 8

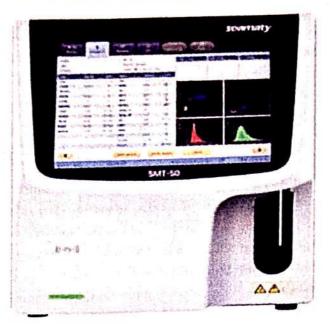


Fig :- Hematology Device

count and analyze reticulocytes (RET) has been added. Some instruments have additionally added naïve cell analysis and nucleated red blood cell analysis. Some hematology analyzers even provide indication of certain parasites in blood cell

CBC Machine works

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They work by passing a small amount of blood through a narrow channel. As the blood cells pass through the channel, they are hit by light from a laser. This alters the path of the cells, and sensors detect how far they have been deflected. The machine then uses this information to calculate the number of red and white blood cells in the sample. CBC machines are extremely accurate and can provide essential information about a person's health.

Precautions of CBC machine

A CBC machine is a medical device that is used to count the number of red and white blood cells in a person's body. The machine uses a process called cytometry to measure the cells. The machine can also be used to measure the level of hemoglobin in the blood. A CBC machine is a very precise device, but it is important to take some precautions when using it. First, always wear gloves when handling the machine. Second, be sure to clean the machine after each use. Third, never reuse needles or syringes. Fourth, never touch the needle tip or anything that has come into contact with the needle tip. Fifth, always follow the manufacturer's instructions for use. By taking these precautions, you can help to ensure that the CBC machine is used safely and effectively.

Benefits of using CBC machine

The CBC machine is a common medical device used to count the number of red and white blood cells in a blood sample. While the device is primarily used to diagnose conditions such as anemia and leukemia, it can also provide important information about a person's overall health. For instance, a high white blood cell count can indicate that the body is fighting an infection, while a low count may indicate a greater risk for developing infections. In addition, the CBC machine can also measure other important blood components, such as platelets and hemoglobin. As a result, the CBC machine is a valuable tool for both diagnosing and monitoring many different medical conditione.

CBC Machine Measures

Measuring changes in your blood cell levels can help your doctor evaluate your overall health and detect disorders. The test measures the three basic types of blood cells.

Red blood cells

Red blood cells carry oxygen throughout your body and remove carbon dioxide. A CBC measures two components of your red blood cells:

RBC count :- Is the total number of RBCs in your blood sample.

Hemoglobin:- Measure the of oxygen-carrying protein that found inside in the RBC.

Hematocrit:- Measures the proportion of your total blood volume that consists of RBCs.

Low levels of hemoglobin and hematocrit are often signs of anemia, a condition that occurs when blood is deficient in iron.

White blood cells

White blood cells help your body fight infection. A CBC measures the number and types of white blood cells in your body. Any abnormal increases or decreases in the number or types of

white blood cells could be a sign of infection, inflammation, or cancer. Different types of wbcs neutrophils, lymphocytes, monocytes cosinophils and basophils.

Platelets

Platelets also called as thrombocytes, it help your blood clot and control bleeding. When a cut stops bleeding, it's because platelets are doing their job. Any changes in platelet levels can put you at risk for excessive bleeding and can be a sign of a serious medical condition.

Hemoglobin (Hb or Hgb)

This is the protein in your blood that holds oxygen.

Hematocrit (Hct)

This test tells how much of your blood is made up of red blood cells. A low score may be a sign that you don't have enough iron, the mineral that helps your body make red blood cells. A high score could mean you're dehydrated or have another condition.

Mean corpuscular volume (MCV)

This is the average size of your red blood cells. If they're bigger than usual, your MCV will be higher. That could happen if you have low vitamin B12 or folate levels. If your red blood cells are smaller, you could have a type of anemia.

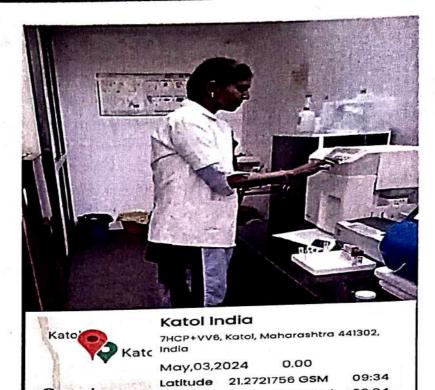
CBC Order

Evaluate your overall health :- Many doctors will order a CBC so they can have a baseline view of your health. A CBC also helps your doctor screen for any health problems.

Diagnose a health problem :- Your doctor may order a CBC if you have unexplained symptoms like weakness, tiredness, fever, redness, swelling, bruising, or bleeding.

Monitor a health problem :- Your doctor may regularly order CBCs to monitor your condition if you have been diagnosed with a disorder that affects blood cell counts.

Monitor your treatment :- Certain medical treatments can affect your blood cell counts and may require regular CBCs. Your doctor can evaluate how well your treatment is working based on your CBC.



Normal Range

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White blood cells :- 4,500 to 11,000 cells per microliter (cells/mcL)

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Red blood cells :- 4.5 million to 5.9 million cells/mcL for men; 4.1 million to 5.1 million cells/mcL for women

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Hemoglobin :- 14 to 17.5 grams per deciliter (gm/dL) for men; 12.3 to 15.3 gm/dL for women

Hematocrit :- 41.5% to 50.4% for men; 35.9% to 44.6% for women

Mean corpuscular volume :- 80 to 96

Platelets :-150,000 to 450,000 platelets/mcl

Aim: Collection of blood samples

Introduction:

The collection of the blood sample is called phlebotomy and the person who collects the Blood from the patient by technique is called phlebotomist. In MMC sample collection was done in Reception. Phlebotomists collected the blood specimens from patients. Specimens were taken by Phlebotomist in central accessioning area where they were processed, logged into the computer and Given a specimen number and then distributed to the departments for the testing.

TYPES OF SAMPLES:

- 1. Aseptic fluid
- 2. Amniotic fluid
- 3. Serum
- 4. Plasma
- 5. Urine
- 6. CSF

Prepare study procedure equipment:

- 1. Inspected the integrity of equipment.
- 2. Syringe.
- 3. Butterfly set, largest hore suitable for patient's veins.
- 4. Vacutainer holder.
- 5. Labelled vacutainer tubes per protocol.
- 6. Alcohol swabs.
- 7. Clean gloves. 8. Tourniquet.

Procedure

A: Before initiation of phlebotomy for purpose of blood sampling

- 1. Checked for signed, dated approved consent form, signed physician's orders, and Completed inclusion/exclusion criteria form.
- 2. As certain the patient's ID, name, date of birth.
- Explain procedure to patient.
- 4. Used hand sanitizer to free hands from any type of contamination.
- 5. Preparation of study procedure equipment is done.

INITIATION OF PHLEBOTOMY

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 Assess the condition of the patient's veins by palpation concentrate on the anti-cubit Veins:

A. Applied tourniquet up intended IV site.

B. Tie tourniquet in such a way to allow release with one hand.

2. Preparation of the insertion site:

A. Cleansed skin by cleaning with alcohol swab using aseptic technique Starting from centre of proposed site and in a circular motion away From site for 30 seconds.

B. Do not touch the prepped area with your fingers. If palpable R reassessment of the vein needs to be done, re-prep the skin prior to Venipuncture.

3. Anchor the vein by holding patient's arm and placing a thumb below the vein puncture site.

4. Ask patient to form a fist so the veins are more prominent.

5. Enter the vein swiftly at a 30 degree angle or less, and continue to introduce the Needle along the vein at easiest angle of entry.

6. Once sufficient blood has been collected, release the tourniquet before withdrawing the needle.

7. Withdraw the needle gently and apply gentle pressure to the site with a clean gauze or dry cotton- wall boll.



Photography :- Blood Collection Tube

Following specimens were unable for testing:

- 1. Labelled was uncompleted (name, age, gender, date, time of collection)
- 2. Blood specimen haemolyzed.

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- 3. Anticoagulated blood becomes clot by lack of mixing after collection.
- 4. Specimen delivered to the lab out of specified time after collection.
- 5. Specimen not stored properly until the time of testing.
- 6. Specimen collected in anticoagulant have not proper blood anticoagulant ratio.

<u>Hematology</u>

Aim :- CBC Complete Blood Count Test.

<u>Requirements</u> :- Antiseptic wipe, Elastic band, Needle, Tube EDTA and Sodium Floride. <u>Introduction</u> :- The complete blood count (CBC) test is one of the most commonly ordered blood tests. To understand this test, it is important to know that blood consists of two major parts: plasma and cellular elements. The plasma is the part of the blood that is liquid which allows the blood to flow easily. The other part of the blood consists of blood cells.

The major cells In the blood are white blood cells (WBC), red blood cells (RBC), and platelets. Each of these types of cells carries out specific and important functions. The complete blood count test measures the quantity of all the different types of cells in the blood. It also provides some valuable information on other parameters related to each type of blood cell.

<u>**Principles</u></u> :- Hematology analyzers or CBC machine differentiate leukocytes using light-scatter technique and count blood cells via volumetric impedance (Coulter Principle).</u>**

Vital for blood cell counts, leukocyte classification, and hemoglobin determination, these analyzers are widely used in healthcare settings like clinics, labs, and physician offices for CBC screenings.

Procedure :-

1. Cleans your skin with an antiseptic wipe.

2. Places an elastic band, or tourniquet, around your upper arm to help the vein swell with blood.

3. Inserts a needle in the your and collects a blood sample in one or more vials.

- Removes the elastic band.
- 5. Covers the area with a bandage to stop any bleeding.
- 6. Label your sample and send it to a lab for analysis.

A blood test can be slightly uncomfortable. When the needle punctures your skin, you might feel a prick or pinching sensation. Some people also feel faint or light-headed when they see blood. Afterwards, you may have minor bruising, but it will clear up within a few days.

Most CBC results are available within a few hours to a day after testing.

<u>**Result</u>** :- Test results will vary based on your blood cell counts. Here are the normal results for adults, but different labs may deliver slight variations.</u>

A CBC is not a definitive diagnostic test. Blood cell counts that are too high or too low could signal a wide variety of conditions. Specialized tests are needed to diagnose a specific condition. Conditions that could cause an abnormal CBC and may require additional testing include.

- Iron or other vitamin and mineral deficiencies
- Bleeding disorders
- Heart disease
- Autoimmune disorders
- Bone marrow problems
- Cancer

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If your CBC shows abnormal levels, your doctor may order another blood test to confirm results. They may also order other tests to help further evaluate your condition and confirm a diagnosis.
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 Registration Date
 : 29/04/2024 11:34

 Age / Sex
 : 6 Years / Female
 Collection Date
 : 29/04/2024 11:45

 Reflered By
 : DR. RAKESH WANKHEDE SIR (B A.M.S.C.C.H) (Report Date
 : 29/04/2024 11:45

 Mobile No
 : 9503498215
 Image: Participant Particip

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Test Name	Result	Unit	Reference Range
CBC			
HEMOGLOBIN Method Spectrophotometry	13.4	g/dL	13.5 - 17.5
TOTAL WBC COUNT Method Electrical Impediance/ 3 part cell counter	3400	/cumm	4000 - 11000
RBC COUNT Method: Electrical Impediance/ 3 part cell counter	5.55	Mil/cumm	3.5 - 5.5
RBC INDICES			
HCT Method Calculated	40.5	%	33 - 45
MEAN CORPUSCULAR VOLUME(MCV) Method Calculated	72.97	fi	80 - 99.9
MEAN CORPUSCULAR Hb(MCH)	24.14	Pg	27 - 31
MEAN CORP.HEMO.CONC(MCHC)	33.09	g/dl	32 - 37
RED CELL DISTRIBUTION(RDW-CV)	15.0	%	11 • 16
PLATELET COUNT	2.69	lakh/cu.mm	1.50 - 4.50
DIFFERENTIAL LEUCOCYTE COUN	т		
NEUTROPHILS Method: Microscopy	51	%	40 - 70
LYMPHOCYTES Method Microscopy	43	%	20 - 40
MONOCYTES Method Microscopy	04	%	02 - 08
EOSINOPHILS Method Microscopy	02	*	01 - 04
BASOPHILS Method Microscopy	00	*	00 - 01

-----End Of Report

Mr. Aakash Dandharo (MSc. DLT. ADMLT Murrbai)

Reg No. AD/MLT/0416/2022

Dr. Dileep Wankar (MBBS MD. Path) Reg.No. 39971

<u>Swoc</u>

Strength :-

• Use of advanced technology and standardized protocols ensures precise and reliable diagnostic results, which are crucial for accurate patient diagnosis and treatment.

The utilizing technology and laboratory equipment for high accuracy and efficiency.

• Ability to perform different test including biochemistry, hematology, microbiology, cytology, molecular diagnostics and immunology.

Weakness :-

• Research have less control over extraneous / confolding variables reduce confidence in establishing causal relationship.

• Competitive pricing strategies can lead to reduced profit margins and affect the lab's financial stability.

Opportunity :-

• Training programs offer opportunities to develop technical skills in areas such as microscopy, histology, molecular diagnostics, and quality control.

• A science lab offers various opportunities for students to think creatively, develop techniques, and explore their interests. Therefore, a science lab is essential for students to learn and explain scientific facts and theories.

Challenges :-

• Maintaining consistent quality across all tests can be difficult, especially with high sample volumes.

• Proper handling, labeling, and tracking of samples are crucial to avoid mix-ups and ensure accurate results.

• Handling urgent or emergency cases promptly while managing routine samples requires efficient prioritization and resource allocation.

<u> Photofram</u> :-



Photographs of genesis path lab performing test

<u>Conclusion :-</u>

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CBC test is a vital blood test that has a long history of development and innovation. From the microscope era to the machine era, CBC test has evolved from a manual and tedious method to an automated and sophisticated one. CBC test can provide valuable information about the health status and disease conditions of patients, as well as contribute to the advancement of medical science and technology.

Reference :-

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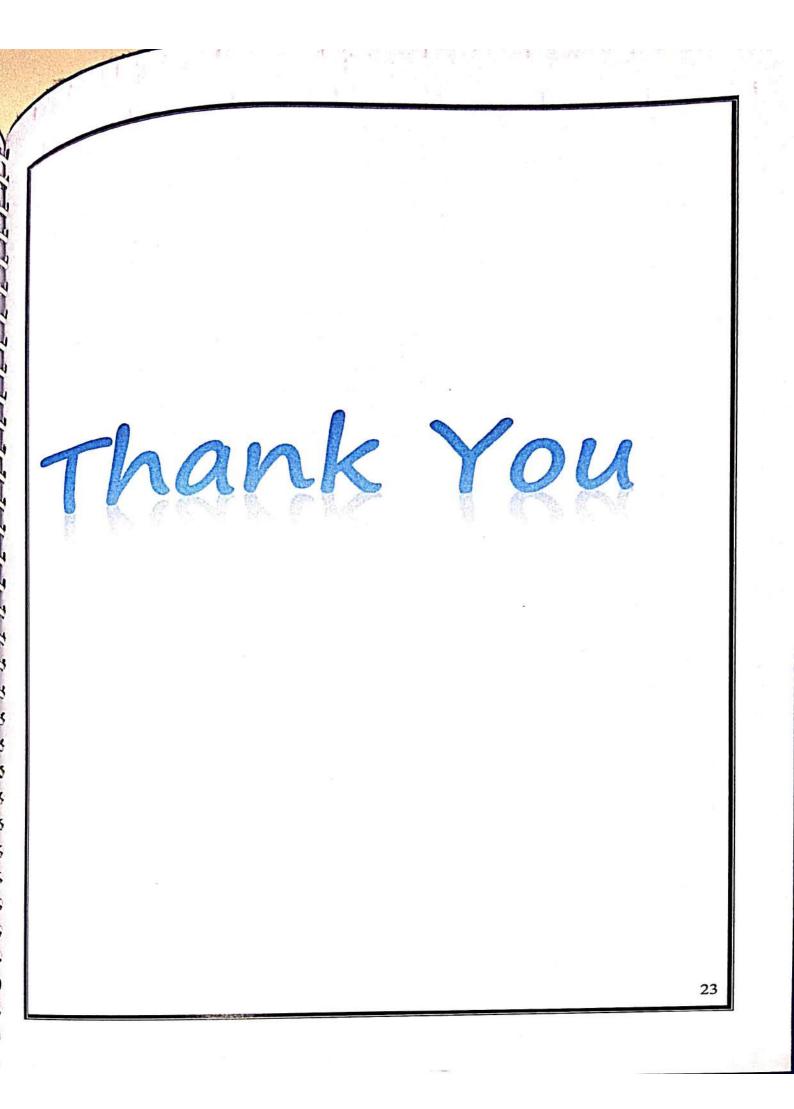
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यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ, नाशिक

नॅक मानांकित 'अ' श्रेणी ज्ञानगंगोत्री, गंगापूर धरणाजवळ, गोवर्धन नाशिक – ४२२ २२२ (महाराष्ट्र) भारत



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आरोग्य विज्ञान विद्याशाखा / School of Health Sciences

जा.क्र. यचममुवि/आविविशा/2024/9०(4)

दिनांक - 10/01/2024

प्रति,

मा. केंद्रप्रमुख, (अभ्यासकेंद्र सांकेतांक 44223) नबिरा महाविद्यालय, काटोल नबिरा महाविद्यालय, धंतोली काटोल ता. काटोल जि. नागपूर पिन 441302

विषय : यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठाचे योगशिक्षक शिक्षणक्रमासाठी अभ्यासकेंद्र म्हणून मान्यतेस मुदतवाढ देण्याबाबत...

संदर्भ :आपला योगशिक्षक (P126) या शिक्षणक्रमासाठी प्राप्त झालेला मुदतवाढीसाठीचा प्रस्ताव. महोदय,

वरील विषय व संदर्भिय कागदपत्रानुसार **योगशिक्षक** शिक्षणक्रमासाठी अभ्यासकेंद्र मान्यतेच्या वैधता दिनांकात मुदतवाढ मिळावी म्हणून आपण विद्यापीठाकडे प्रस्ताव सादर केला होता. सदरील प्रस्ताव विद्याशाखेकडून, विद्यापीठाच्या अधिकार मंडळाकडे शिफारस करण्यासाठी पाठविण्यात आला होता. त्यानुसार आपणांस कळविण्यात आनंद वाटतो की, आपण पाठविलेल्या अर्जानुसार, दर्शविलेल्या पत्त्यावर **योगशिक्षक** शिक्षणक्रमासाठी अभ्यासकेंद्रास या आधी दिलेल्या मान्यतेस सन 2023 ते 2026 पर्यंत मुदतवाढ देण्यात येत आहे.

विद्यापीठाकडे पाठविण्यात आलेल्या अर्जातील हमीपत्रानुसार (Memorandum of Undertaking-MOU) त्यात दर्शविण्यात आलेल्या अटी व शर्तीचे पालन अभ्यासकेंद्रास करावे लागेल, या अटी व शर्तीच्या अधिन राहूनच अभ्यासकेंद्रास मान्यता देण्यात आली आहे. यातील कोणत्याही अटी व शर्ती यांचे पालन न केल्यास विद्यापीठाने केलेली कार्यवाही अभ्यासकेंद्रावर बंधनकारक राहील.

सदरची पुनर्मान्यता पुढील 3 वर्षासाठी राहील, परंतु दरवर्षी आपल्या अभ्यासकेंद्राच्या प्रगतीचा आढावा घेण्यात येईल. अभ्यासकेंद्राची प्रगती योग्य दिशेने होत असल्याचे निदर्शनास आल्यास आपली मान्यता पुढे चालू राहील. या संदर्भात घेण्यात येणाऱ्या प्रगतीचा आढावा, त्याचे निकष व इतर बाबी विद्याशाखेकडून वेळोवेळी कळविण्यात येतील.

अभ्यासकेंद्राकडून भविष्यात विद्यार्थ्यांचे शैक्षणिक हितच साधले जावे याकरीता विद्यापीठाने दिलेले आदेश पाळावेत व विद्यापीठास योग्य ते सहकार्य करावे, ही विनंती.

कळावे,



डॉ. जयदीप निकम



Institute of Science, Nagpur



Nabira Mahavidyalaya, Katol

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Place: Nagpur

Date: 20/3/19

Dr. S. K. Navin Principal Nabira, Mahavidyalaya, Katol, Dist. Nagpur Principal Nabira Mahavidyalaya, Katol, Diet, Nagram,





Dr. R. G. Atram Director Govt. Institute of Science, Nagpur Director Institute of Science

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GUT REGION OF THREE SPOT GOURAMI, TRICHOPODUS TRICHOPTERUS (PALLAS, 1770): MORPHOLOGY, HISTOLOGY AND HISTOCHEMISTRY

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ABSTRACT

Present investigation was undertaken to study the gut region of *Trichopodus trichopterus*. It is an important species in the field of aquaculture and aquarium. Adult specimens of *Trichopodus trichopterus*, commonly called as three-spot gourami were employed for histological and histochemical studies. The findings revealed distinctive intestinal structure characterized by elongated coils and prominent mucosal folds which indicated its herbivorous nature. Goblet cells within the epithelial layer exhibited positive staining for both acidic and neutral mucins. The overall results obtained during present study are important with respect to the dietary and nutritional habits of this aquatic animal

Key words: gut, morphology, histochemistry, goblet cells, three spot gourami, *Trichopodus trichopterus*

Introduction:

Histological study of animal intestines reveals key insights into digestive function and gut health. In recent years, the variability in teleost gastrointestinal tracts, especially regarding diet diversity, has drawn significant attention as it is influenced by various feeding habits (Abdullahi, 2005). Fish digestive tract consists of an elongated hollow tube, playing an important role in digestion, absorption, and the transport of vital nutrients to various organs (Ray and Ringo, 2014; Kirschbaum and Formicki, 2020). In this context, the information on histological features of the digestive tract of three spot gourami, Trichopodus trichopterus seem to be lacking. Therefore, it has been studied and described in present communication, which is probably the first attempt in understanding anatomical features of this fish.

Materials and Method:

Fifteen adult *T. trichopterus*, of both sexes, were collected and acclimated in a

laboratory. Those were daily fed with commercial food and dried worms ad libitum. The experiments were conducted in accordance with the guidelines outlined by Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), New Delhi. Adult fishes with of average length of 7.55 ± 0.18 cm in and 7.70 ± 0.44 g weight, were anesthetized and sacrificed using 0.2% solution of 2-Phenoxy ethanol. Their body length and weight were recorded. The aut portions were then removed, and the lengths of the intestines were measured. Based on these measurements, the relative length of gut (RLG) was calculated as the ratio of full unstretched gut length to the total length of the fish (Al Hussaini, 1949). Zihler index (ZI) was represented as the relation between gut length and ten times the cube root of body mass as: Zihler Index (ZI) = gut length (mm) x [10 x (body mass (g) 1/3)]-1 (Zihler, 1981). Morphometric analysis, including measurements of intestinal diameter, wall thickness, lumen diameter, and the height and width of mucosal folds, was performed on stained sections using an Image