

Welcomes

Hon. CHAIRMAN & MEMBERS OF NAAC PEER TEAM

CRITERIA II: Teaching-Learning and Evaluation

Presented by

Dr. Suresh Puppalwar & Dr. Ms. Mamta S. Wagh
Members, Criteria- II, IQAC



Quality Indicator Framework(QIF)

Criterion II – Teaching-Learning and Evaluation

2.3 Teaching-Learning Process

2.3.1 Student -Centric Methods

2.5.1 Mechanism of Internal & External Examination

2.6.1 POs & COs Offered by the Institutions

2.6.2 Attainment of Pos & COs

Quality Teaching

Active learning

**Systematic Evaluation
mechanism**

**Proper Grievance and Redressal
System**



2.3. Teaching Methods

Group discussion



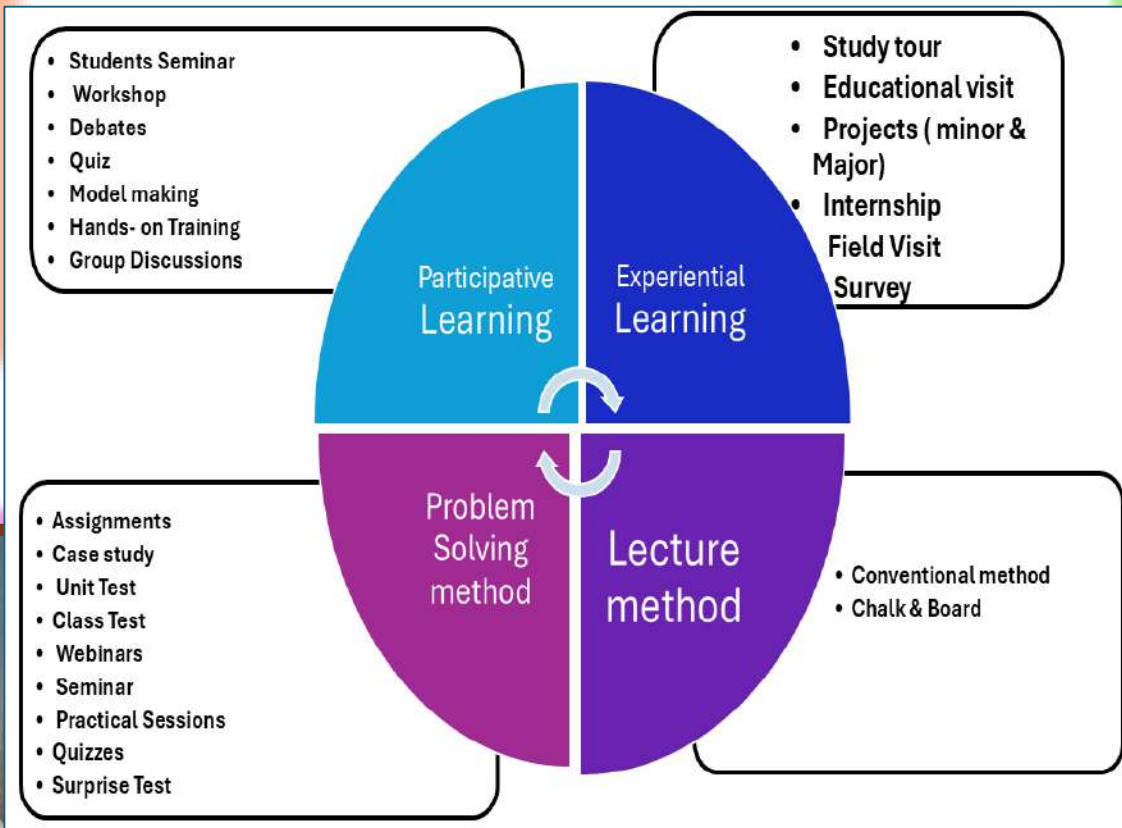
Student seminar



Educational visit



Conventional method

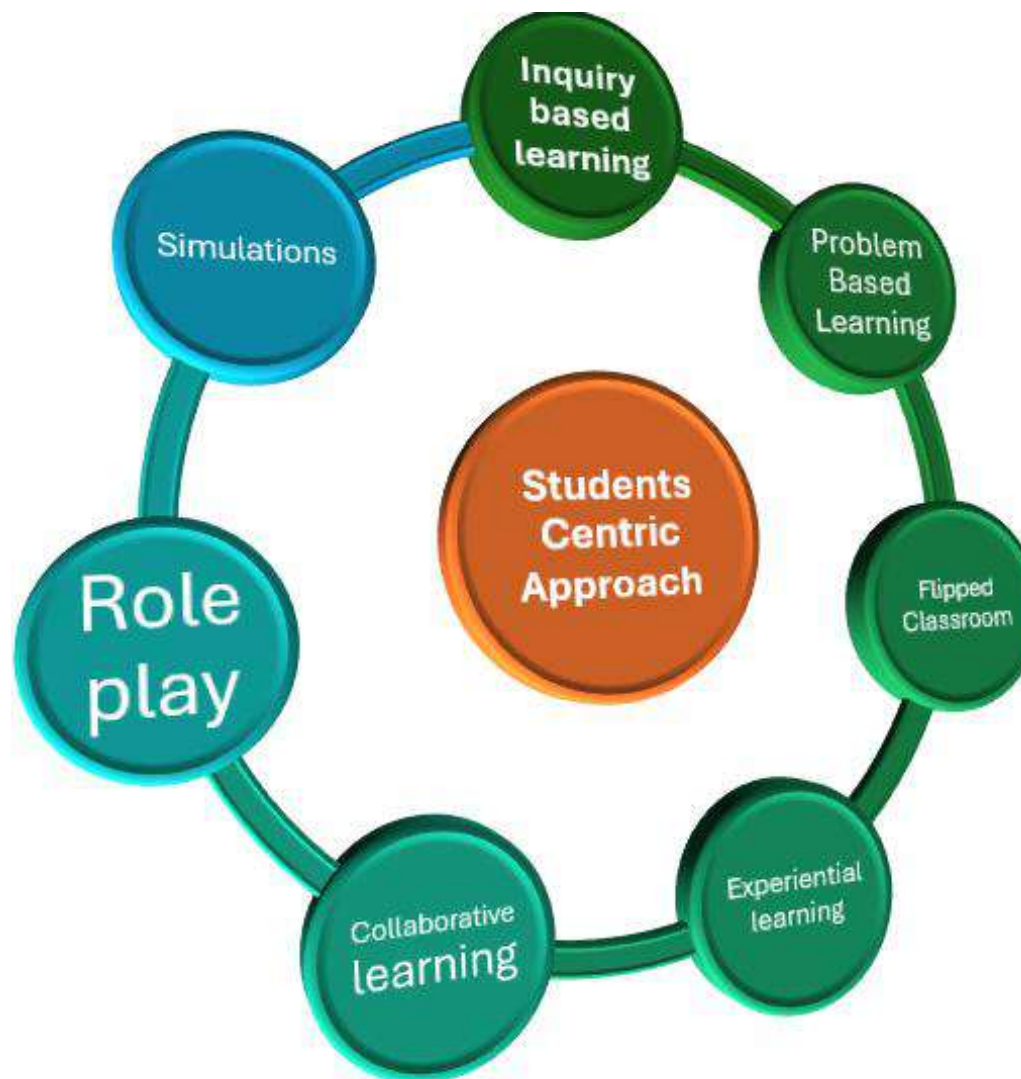




2.3.1 Students Centric Methods

https://phet.colorado.edu/sims/html/molecules-and-light/latest/molecules-and-light_all.html

Role play method of teaching



300 + You tube videos

Link for You tube lectures:

	Prof. Rashmi Dubey: Acids, Bases and their... The Present lecture is delivered at Kamla Nehru Mahavidyalaya for those who are preparing for... youtu.be
https://youtu.be/8xYY-qG8Rlc?si=o01w_fxoxGZ7jGAd 11:55	
	Hydrocarbons, Alkane part 1 Alkane part 1, organic chemistry, B Sc, JEE / NEET, B Sc, JEE / NE youtu.be
https://youtu.be/89dLHaClerY?si=Ck6riYwYj_56bG_9 11:58	
	Octane & Cetane Number B Sc Organic chemistry, JEE / NEET youtu.be
https://youtu.be/uajsf_8vYDA?si=UipW7DjynvaX_3GN 11:58	
	Protection of carboxyl group MSc chemistry, protection of carboxyl group youtu.be
https://youtu.be/WWr5oCBFaHc?si=Wd6rbHvND56CobFz	
	Protection of carbonyl group M Sc chemistry, organic chemistry, protection and deprotection youtu.be



Participative Learning : Hands on / Workshop

Department of Zoology



B.Sc. Students collected cocoon of silk worm



A student prepares dinosaur skeleton in Paleontology model making competition

Department of Chemistry



Hands on in Biopesticides & Bio Fertilizers

Department of Botany



Hands on in Herbal colours



Bonsai Techniques

Department of Biotechnology



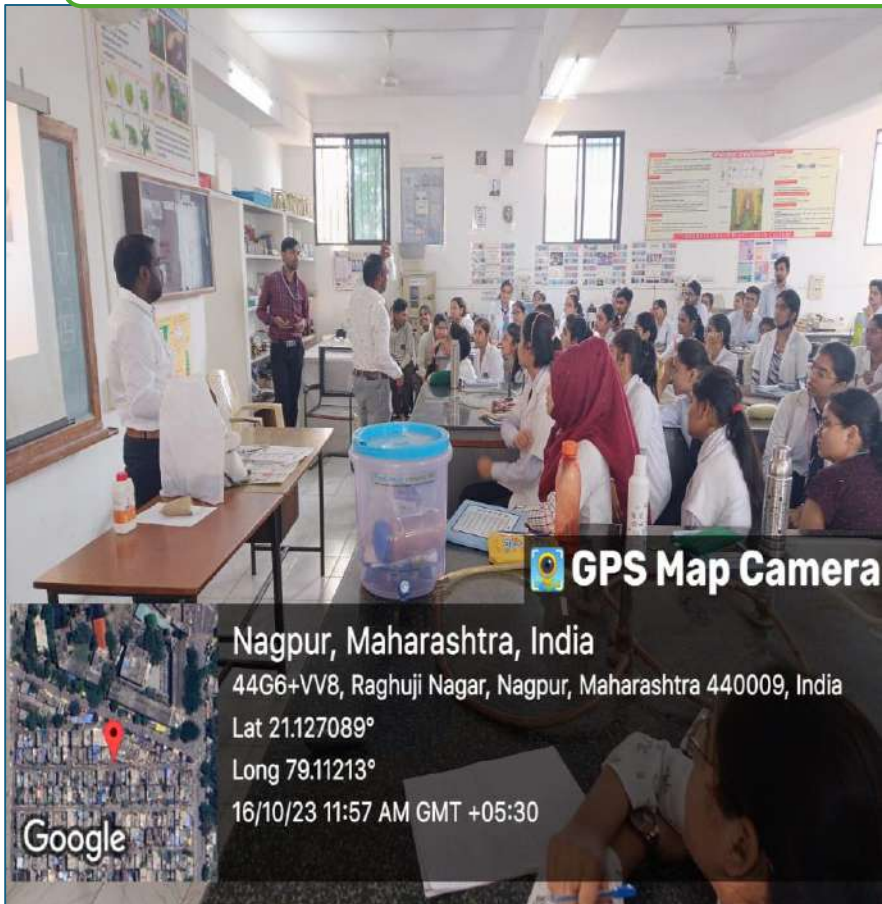
Workshop on Bioinformatics



Participative Learning : Workshop

Department of Environmental Science

Department of Environmental Science & Microbiology



Workshop on agricultural waste management 2023-24



Workshop on Advance techniques in life sciences 2023-24



Workshop on health benefits of ferri food 2023-24



Participative Learning : Workshop

Department of Microbiology



Workshop on Basic Techniques in microbiology

Department of Mathematics



Workshop on NET-SET

Department of Cosmetic Technology



Mehendi & Nail art designing Workshop



Workshop by Department of Home- Economics



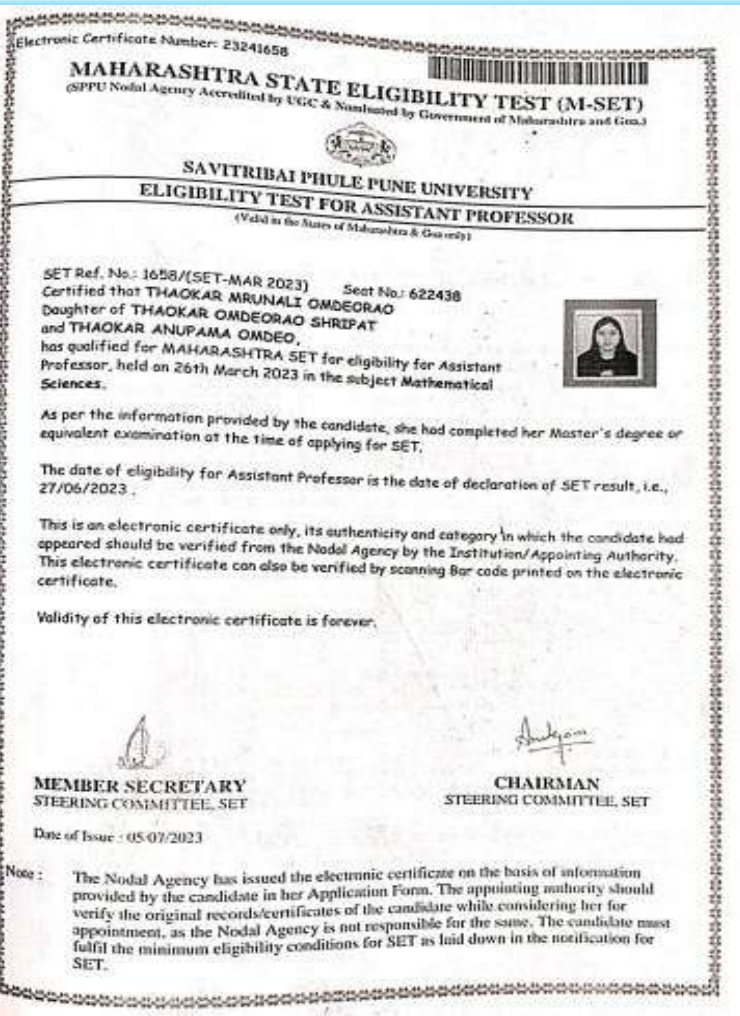
Painting Workshop

Jewellery Making Workshop



Outcomes of Participative Learning : Through Workshop

Department of Mathematics



Department of Cosmetic Technology



Workshop on Mehendi & Nail art Designing

Students earned profit of Rs 40,550/- in last 5yrs. Many students have taken it as a profession also

Student of M.Sc. Mathematics Qualifies SET exam





Outcomes of Participative Learning: Through Workshop





Outcomes of Participative Learning : Through Workshop

❖ **Ranu Piprewar** did workshop on biofertilizer from ICAR-CICR, Nagpur
❖ Presently employed as **RESEARCH ASSISTANT** in ICAR-CICR, Nagpur in a Govt. funded project





Participative Learning : Value added & Certificate Courses

23,
525

Session	No of Value added & Certificate Courses	No of Beneficiaries
2023-24	80	4793
2022-23	80	5605
2021-22	88	5697
2020-21	62	5243
2019-20	18	2187



Participative Learning : Value added & Certificate Courses

Certificate Course Department of Biotechnology



Certificate Course Department of Chemistry



Value added Certificate Course Department of Environmental Science





Outcomes of Participative Learning: Through Value added & Certificate Courses

Ankita Atkari has completed Certificate Course On **Cookery And Food Preservation** in Year 2019-20 Under Jeevan Shikshan Abhiyan Run By Department of Lifelong Learning & Extension in Collaboration with Department of Microbiology

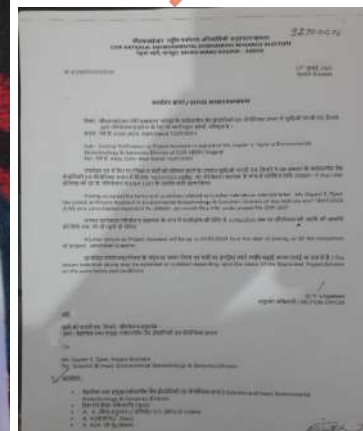
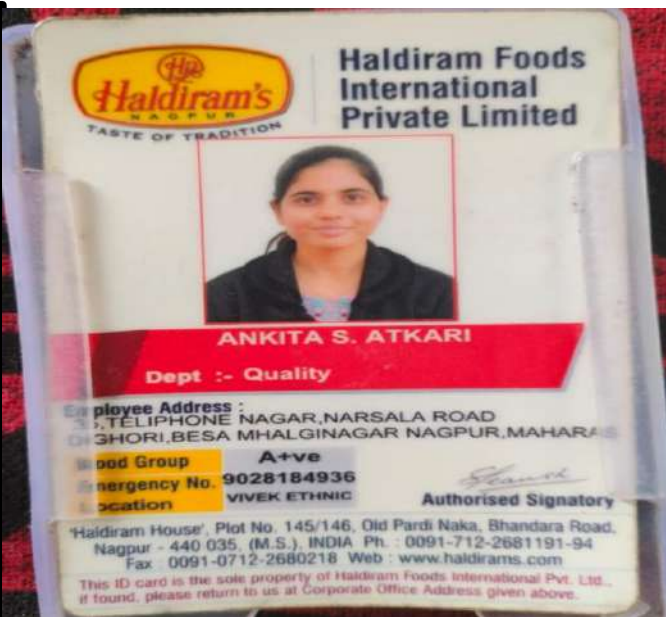
It equips students with practical knowledge on sustainable waste handling, enhances their employability in green sectors, encourages innovation and entrepreneurship, and builds awareness about eco-friendly farming practices.

Certificate Course conducted by EVS department has Outcomes on **Learning**

water quality monitoring course is useful for jobs, as it provides practical skills and knowledge needed in environmental agencies, water treatment plants, research labs, and sustainability projects.

Green technology equips students with future-ready skills, job opportunities, and a mindset for sustainable living and innovation.

Environmental Monitoring and Instrument Prepares students for roles in environmental consulting, government agencies, NGOs, research, and industries focused on sustainability and pollution control.



Gayatri Tijare (M.Sc. II) Presently employed in **CSIR-NEERI, Nagpur** as **Research Assistant** in govt. funded project

Outcomes of Participative Learning: Through Value added & Certificate Courses



+91 9717 838 299
director@wildtales.co.in
wildtales.co.in

Offer Letter

Date: 25-10-2024

To,
Mr. Shubhankar Khengar

Dear Shubhankar,

We are absolutely delighted to extend an offer for the position of Project Manager for our inspiring project, "Butterfly Habitat Development & Nature Awareness Programs," based in the beautiful and ecologically rich region of Kheda, Pithampur, Madhya Pradesh. This role is more than just a job—it's an opportunity to be at the forefront of meaningful work in biodiversity conservation and environmental awareness, where your contributions will play a vital role in nurturing natural habitats, engaging communities, and inspiring a love for nature.

At WildTales we believe that every effort counts toward building a sustainable, vibrant ecosystem. Through this project, you'll be leading initiatives that promote the conservation of lesser-known species, particularly butterflies, while fostering environmental awareness across local communities. This is a hands-on, impactful position that invites you to blend your passion for nature with practical conservation efforts, all within a supportive, collaborative environment.

You'll have the unique opportunity to collaborate with schools, villages, and local organizations while liaising with our corporate clients based near the industrial park. This role emphasizes uniting diverse groups through community engagement and educational initiatives, fostering strong connections and impactful experiences for all involved. You'll help create and maintain butterfly habitats that serve as both educational spaces and symbols of biodiversity.

WildTales Operates Under SPOONDRIFT (OPC) PVT. LTD.
Head Office: H-62, D Saket, New Delhi 110017

CIN: U01620DL3024OPC429558 | GSTIN: 07ABNCS1960J2X



+91 9717 838 299
director@wildtales.co.in
wildtales.co.in

We're thrilled at the prospect of having you join us in our mission. Your enthusiasm, creativity, and dedication will be essential as we work together to achieve the project's vision.

Position Details:

Position Title: Project Manager

Project: Butterfly Habitat Development & Nature Awareness Programs

Location: Kheda, Pithampur, Madhya Pradesh

Duration: November 2024 to June 2025

Joining Date: 4th November 2024

Leaves: 20 days of all-purpose leaves will be granted during the tenure with prior intimation and approvals.

Salary: ₹40,000 per month (inclusive of travel, accommodation and communication expenses).

Equipment Requirement: As a part of the role, you are required to have a personal laptop for office work.

Please confirm your acceptance of this offer. We look forward to working together to create a meaningful impact on conservation and community awareness.

Warm regards,

Subodh Madan,
Director, Ecologist & Author,
WildTales

WildTales Operates Under SPOONDRIFT (OPC) PVT. LTD.
Head Office: H-62, D Saket, New Delhi 110017

CIN: U01620DL3024OPC429558 | GSTIN: 07ABNCS1960J2X

Mr. Shubhankar Khengar
(M.Sc. Environmental Science)
Job profile: Project Manager at Wild
tales organization

Mr. Abhilash V. Ashtankar
(M.Sc. Environmental Science)
Job Profile: Executive - EHS at
Dalmia Cement



Genius Consultants Ltd.

Regd. & Corporate Office :
1C, 1st Floor, Synthesis Business Park, Tower at
CODR, Adlon Area - II, New Town, Kolkata-757, INDIA
CIN No.: U74140WB1993PLC289585
Ph: 0667 58011-02
E mail: enquiry@geniusconsultant.com
Web: www.geniusconsultant.com

Date: June 30, (Friday)

To

Mr./Ms. Abhilash Vishnuji Ashtankar (Employee Id: AEMP00154400359)

S/o Vishnuji Ashtankar

21, Vidy Nagar, Wathoda Layout, Hanuman Nagar, Nagpur,
Maharashtra-440009

Sub: EXTENSION OF CONTRACTUAL PERIOD

Dear Mr./Ms. Abhilash Vishnuji Ashtankar,

With reference to your Appointment Letter dated: 07/04/2022 (mm/dd/yyyy), you are engaged with us on temporary contractual assignment and you are deputed at our client office namely **M/S. Dalmia Cement (Bharat) Limited at Chandrapur, Maharashtra** as Designation-Executive in Department-EHS.

We are pleased to inform you that your contractual services has been extended for the period, w.e.f 07/04/2023 (mm/dd/yyyy) and will come to an end with the closing hours on 03/31/2024 (mm/dd/yyyy), unless renewed.

Please note that the other terms and conditions mentioned in the Appointment Letter dated: 07/04/2022 (mm/dd/yyyy) will remain the same.

We sincerely hope that your close collaboration with our organization will be beneficial to both of us.

Wishing you all the very best.

Thanking You,

For Genius Consultant Ltd.

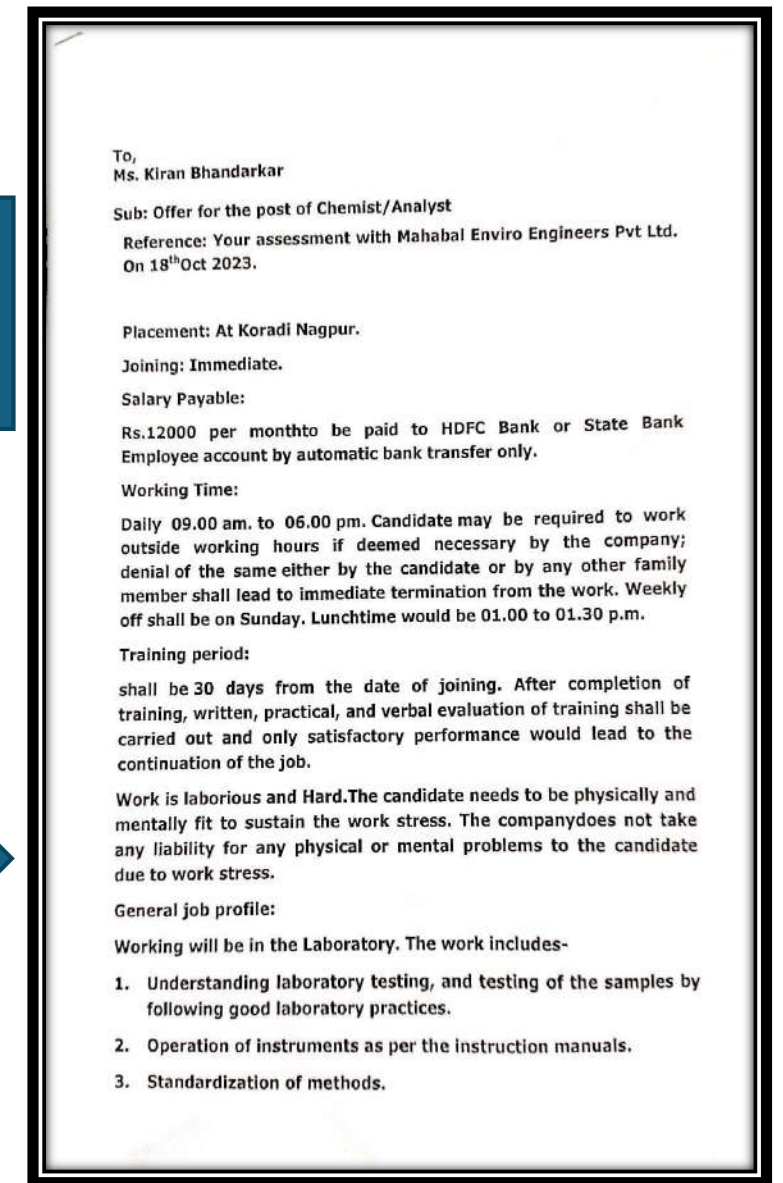
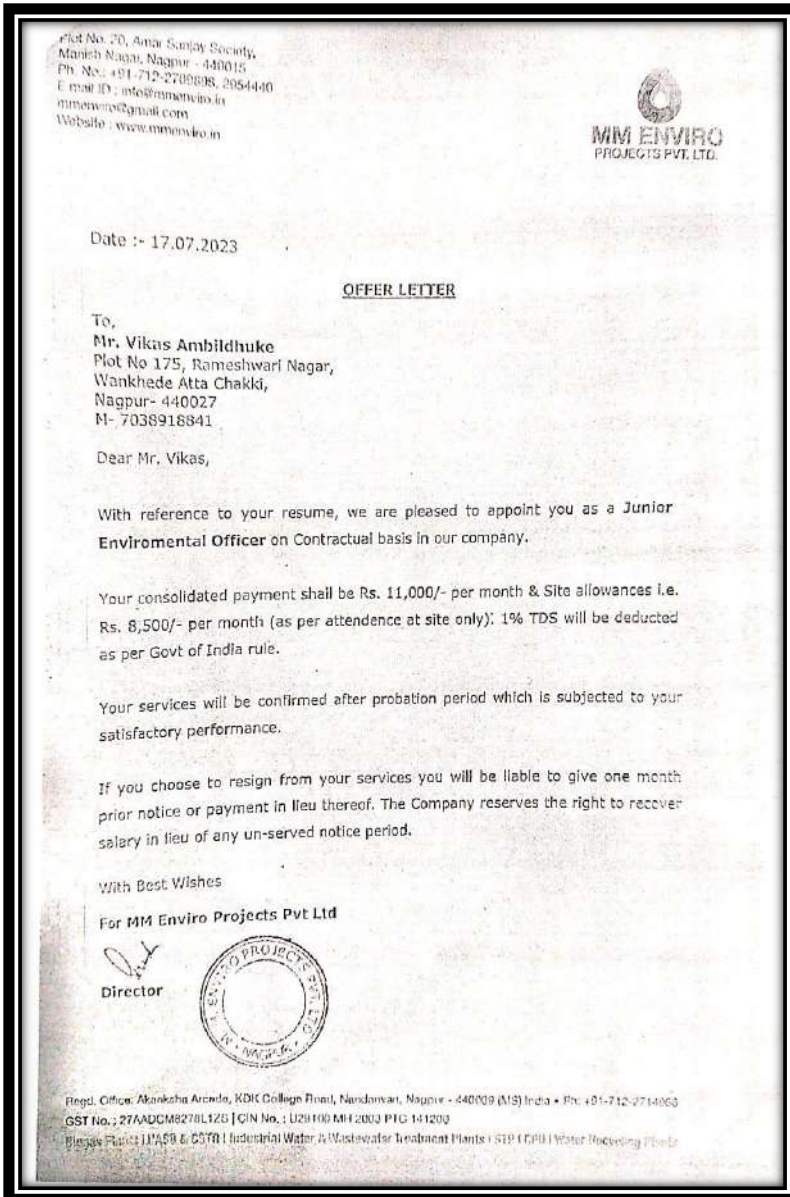
Authorized

Signatory

Outcomes of Participative Learning: Through Value added & Certificate Courses

Mr. Vikas Ambildhuke
(M.sc In Environmental Science)
Job profile: Jr. Environmental Officer
at Enviro Project

Miss. Kiran Bhandarkar
(M.Sc) Environmental Science)
Job profile: Chemical Analyst at
Mahabal Enviro Engineers Pvt Ltd.





Outcomes of Participative Learning : Through Certificate Course

One notable example is **Janvi Bobade**, a student from the Botany Department (2023–2024), who participated in both **Botany Fest activities** and the **certificate course. Inspired by her experiences**, she developed a profound passion for plants and their care. Consequently, she launched a small-scale venture, selling plant saplings as gifts to her neighbors, friends, and relatives. Over the past eight to nine months, her entrepreneurial efforts have yielded earnings of approximately 10000 INR, showcasing the practical Outcomes of her newfound skills and enthusiasm





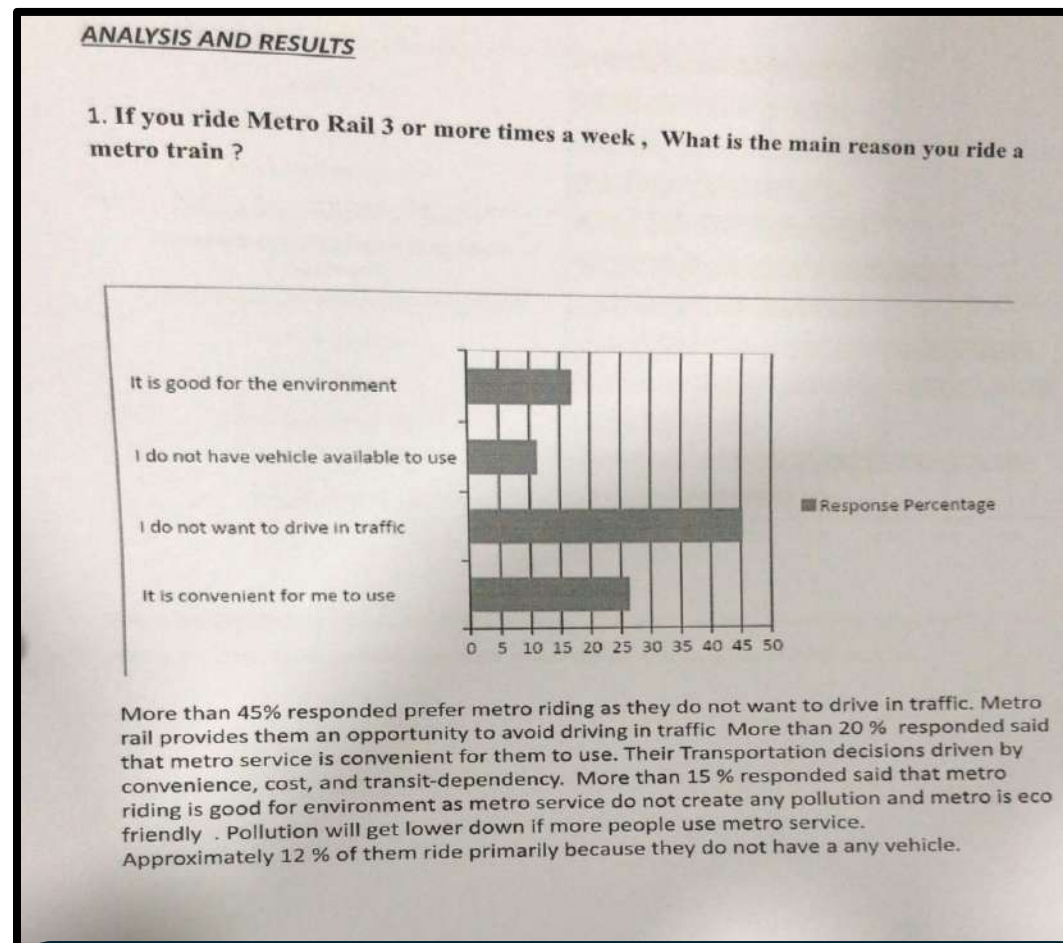
Outcomes of Participative Learning : Through Surveys

Department of Environmental Science



Student of EVS participated in survey on noise monitoring during Diwali festival. Noise Monitoring app

Department of MBA



Outcomes on students

1. Students learn about Metro project in details
2. They learn about finances related things like Budget and revenue
3. In last they found that metro rail station and metro in future is good to travel and it will reduce the pollution, accidents and it will increase employment



Participative Learning : Group Discussions

Department of Zoology



Group discussion on Teratogenesis

Department of M.B.A



Group discussion on Union Budget 2023-24



Participative Learning : E-Learning method NPTEL/ MOOCs

129

NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
RASIKA VASANTRAO BODKHE
for successfully completing the course
Data Base Management System
with a consolidated score of **45 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Roll No: NPTEL23CS79S35022250 Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 34th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RFD / FDP through MOOCs / 2017-18

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
AKSHAY ASHOK WASE
for passing the course
Financial Management for Managers
with Score* **77 %**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2020
(12 week course)

Prof. Indradeep Singh
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

swayam

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
KARISHMA RAMU GOTMARE
for passing the course
Financial Management for Managers
with Score* **71 %**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2020
(12 week course)

Prof. Indradeep Singh
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

swayam

SWAYAM ONLINE COURSE CERTIFICATION

This certificate is awarded to
Dhanashri Padmakar Bhoskar
for successfully completing the four credit course
ENTREPRENEURSHIP DEVELOPMENT
with a consolidated score of 60%
from the evaluation based on continuous online assessments and the Proctored examination held in month of March 2021.

This course was offered by Dr. Nilam Panchal of Gujarat University

Marks in Online Assignments		Marks in Proctored Exam		Total Score	
Total	Obtained	Total	Obtained	Total	Obtained
30	28	70	31	100	60

J. B. Nadia
National Coordinator
Consortium for Educational Communication (CEC)
New Delhi

Dr. P. M. Patel
Registrar
Gujarat University, Ahmedabad

Issued On : 18/03/2021

Elite NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SHIVANI RAJESH SHARMA
for successfully completing the course
Introductory Organic Chemistry II
with a consolidated score of **78 %**

Online Assignments	25/25	Proctored Exam	52.5/55
--------------------	-------	----------------	---------

Total number of candidates certified in this course: 169

Ang-Oct 2023
(8 week course)

Prof. M. S. Santhoshan
Dean, International Relations and Outreach
IISER Pune

Dr. P. M. Patel
Registrar
Gujarat University, Ahmedabad

IISER - Indian Institute of Science Education and Research Pune

Roll No: NPTEL23CG76S742800500 To verify the certificate

No. of credits

Shipping Tool
Screenshot copied to clipboard
Automatically saved to screen



Participative Learning: Seminars

3757

Session	No of Students delivered seminars
2019-20	746
2020-21	919
2021-22	950
2022-23	823
2023-24	319

Department of Zoology



Department of Botany



Department of Microbiology



Department of Chemistry



Department of Environmental Science



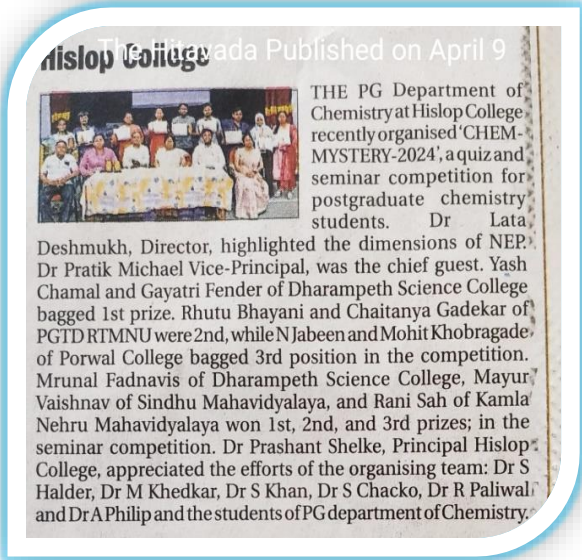
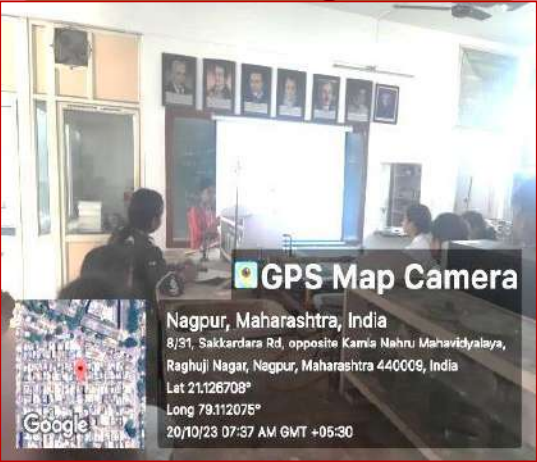
Department of Sociology





Outcomes of Participative Learning through : Seminar

Regular Seminar
Conducted in Classroom
has an Outcomes on
learning



Ms. Nandini Khatri presented idea
at MSIC



Ms. Nandini Khatri selected for
AVISHKAR INTER-UNIVERSITY FEST





Problem Solving : Practical Sessions, Doubt Solving session

Department of Chemistry



Student performing practical's

Department of Biotechnology



Student Made model of
periodic table

Department of Cosmetic Technology



Department of Botany



Student performing
practicals





Problem Solving: Expert Talks

Expert Talk by Department of Sociology



Expert Talk by Dr. Swati Dharmadikari on Stress management



Guest lecture on उलझन से उडान तक



Problem Solving : Case study, Webinars



Talent Retention at Zenith Technology : A Case study

 		INTERNATIONAL WEBINAR Or EMPOWERING DIVERSITY IN SCIENCE <i>Organized by:</i> Department of Chemistry, Kamla Nehru Mahavidyalaya, Nagpur and Association of Chemistry Teachers (ACT), C/o Homi Bhabha Centre for Science Education (TIFR) Mumbai In Collaboration with International Union of Pure & Applied Chemistry (IUPAC), Global Women's Breakfast Date: 9th February 2021		
INAUGURAL SESSION (3:00 to 3:25 pm)				
WELCOME ADDRESS		Dr. W. B. Gurnule Convener GWB-2021 Kamla Nehru Mahavidyalaya, Nagpur		
INTRODUCTORY SPEECH		Dr. D. S. Badwaik Principal, Kamla Nehru Mahavidyalaya, Nagpur		
INAUGURAL ADDRESS		Prof. D. V. Prabhu General Secretary, ACT Wilson College, Mumbai		
ADDRESS BY CHIEF GUEST		Hon'ble Adv. Abhijit Wanjarri MLC & Secretary, Amar Sewa Mandal, Nagpur		
PRESIDENTIAL ADDRESS		Prof. Dr. Brjesh Pare President, ACT Madhav Science Post Graduate College Ujjain		
VOTE OF THANKS				
Technical Session (3.25 p.m. to 5.20 p.m. IST)				
Speakers-I	Dr. Fun Man Fung Department of Chemistry, National University of Singapore	Leadership Development	3.25 to 3.50 pm IST	
Speakers-II	Prof. N. B. Singh Department of Chemistry Research & Technology Development Centre Sharda University, Greater Noida	Science-Society-Innovation- Nanomaterials	3.50 to 4.30 pm IST	
Speakers-III	Dr. Bipul Saha Director - Research and Development in NCFE	Best Practices of Promoting Women Scientists in Indian Communities	4.30 to 5.20 pm IST	

Empowering Diversity in Science



Webinar on Instrumental methods of Analysis



Problem Solving : Assignments

Department of Environmental Science

NAME of Practical

KAMLA NEHRU MAHATDYALYA

DEPARTMENT OF ENVIRONMENTAL SCIENCE

NAME → Jayant V. Farkade

CLASS → Misc. 1st year (1st SEM)

SUBJECT → Research Methodology

TEACHER INCHARGE, 20/1/24

HEAD OF DEPARTMENT, 19/1/24

Department of Environmental Science,
Kamla Nehru Mahavidyalaya, Nagpur

Teacher's Signature

Department of Biochemistry

Subject - Biochemistry
B.Sc. sem - II
Paper - II
Biophysical technique
Shrutika Laba Lambat

Session - 2022-23
Page No. 05
Date 19/1/24

Explain Principle & techniques of application UV & visible spectrometry

→ Principle of UV-visible Spectroscopy

UV-visible spectroscopy is based on the absorption of ultraviolet (UV) & visible light by molecules, leading to electronic transitions betⁿ energy levels. when light of a specific wavelength passes through a sample, certain wavelengths are absorbed, while others are transmitted. The amount of absorbed light of a specific wavelength passes through a sample, certain wavelengths are absorbed, while others are transmitted. The amount of absorbed light corresponds to the concentration of the absorbing species in the sample following Beer-Lambert's law, $A = \epsilon c l$

where;

$A = \text{Absorbance}$

Department of Microbiology

Department of Microbiology
Session 2023-24
MS. SHWETA VISHWAKARMA
M.Sc. II YEAR SEM II
DATE

BIOPOLYMERS - POLYHYDROXYALKANATES

① Polyhydroxyalkanoates (PHAs) are a class of biodegradable polymers synthesized by various microorganisms as intracellular carbon and energy storage compounds.

② Due to their biocompatibility, biodegradability and versatility, PHAs are considered a sustainable alternative to petroleum-based plastics.

③ Industrial production of PHAs involves microbial fermentation, which includes selecting suitable microorganisms and efficiently recovering and purifying the biopolymer.

④ Despite its potential, large-scale PHA production faces economic and technical challenges that require further advancements in fermentation technology and bioprocess engineering.

⑤ microorganisms used in PHA production.

various bacterial species can synthesize PHAs under nutrient limiting conditions with an excess carbon source. The microorganisms used for industrial production can be classified into two categories -

→ Natural PHA producers

These microorganisms inherently accumulate PHAs when subjected to nutrient limitations (Ex - *E. coli*)

Teacher's Signature



Problem Solving : Unit Test, competitions like Crossword, concept based Test (ACT & CTSE)



Test conducted on google form

Class Test-1 B.Sc Sem V 2020-21

Questions Responses 610 Settings Total points: 20

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR Department of Chemistry B.Sc Sem V session 2020-21, Class Test-1, Topic- Lambert's Beer's Law & Quantum Efficiency, Date-17 July 2020

B I U GO

All the questions are compulsory. Use of calculator is allowed.

Name of the Student (First Name & Last Name) *

Short answer text

Name of the Group? *

☐ PCM



Name: _____ Date: _____

Electrochemistry

ACROSS

2. The branch of Chemistry which deals with the chemical reactions producing electricity.

8. Ostwald Dilution Law is based on _____.

9. Dissociation Constant of a strong electrolyte is _____.

10. With increase in the dilution Equivalent Conductance _____.

DOWN

1. _____ gave the theory of strong electrolytes.

3. On increasing the length of the wire _____ increases.

4. Metallic conductance _____ with increase in Temperature.

5. The ease with which electrons can flow through the conductor is _____.

6. The conductance of any solution is affected by number of ions and _____.

7. The unit of Resistance is _____.



Outcomes of Problem solving Sessions : Through Practical Sessions

**Ms. Dimple & Mr. Rahul won 2nd Prize in Science Exhibition:
Green Hydrogen Production : A Greener Way**



Ms. Pooja Sahare's Ideas got selected for NAVIN project at Raman Science Centre, Nagpur





Experiential Learning : Through Educational Visit

Session	Educational Visit	No of Learners
2019-20	43	2250
2020-21	13	650
2021-22	25	1450
2022-23	53	2900
2023-24	47	2600

187

9050
Beneficiaries



Experiential Learning: Visits



Nawegaon Bandh, Maharashtra, India
W35R+XCP, Nawegaon Bandh, Maharashtra 441702
Lat 20.910815°
Long 80.091774°
22/02/22 03:14 PM



Nagpur, Maharashtra, India
43VG+G7, Gorepeth, Nagpur, Maharashtra 440012, India
Lat 21.143484°
Long 79.076278°
03/10/22 01:56 PM



Nagpur, Maharashtra, India
Cicr Office Panjari, Maharashtra 441108,
Lat 21.037332°
Long 79.056085°
17/11/22 02:38 PM GMT +05:30



Seoni, Maharashtra, India
Unnamed Road, Maharashtra
441401, India
Lat 21.6688° Long 79.3697°
20/02/23 06:29 PM GMT +05:30

**Educational Visits
Department of
Environmental Science**



Experiential Learning

Educational Visits, Department of Botany



Flower Show Hislop College, Nagpur



Kas-lake, Satara



Forest Research Institute, Dehradun



Botanical Survey of India, Pune



Devsanskriti Univ. Haridwar



Experiential Learning

Educational Visit of Department of History



Visit to Archeological Department



Visit to Ambagad Fort,
Bhandara, M.S



Visit to Daulatabad Fort,
Sambhaji Nagar, M.S



Experiential Learning

Educational Visit: Department of Mathematics



Visit to National Institute of Science Education and Research, Jatni, Odisha

Educational Visit: Department of Sociology



Visit to Hemalkasa, Koimgunda
A TRIBAL VILLAGE



Experiential Learning : Visit

Department of Sociology



Visit to IIM Nagpur



Visit to Pradhanmantri Sangrahalaya,
New Delhi





Experiential Learning: Educational Visit Department of Sociology



Visit to Orphanage, Ahmednagar

Visit to Old-Age Home



Outcomes of Experiential Learning : Through Educational Visit



❖ **Om Shastri** went for field visit to ICAR-CCRI, Nagpur



❖ Employed as Young professional, CCRI, Nagpur



Outcomes of Experiential Learning : Through Educational Visit

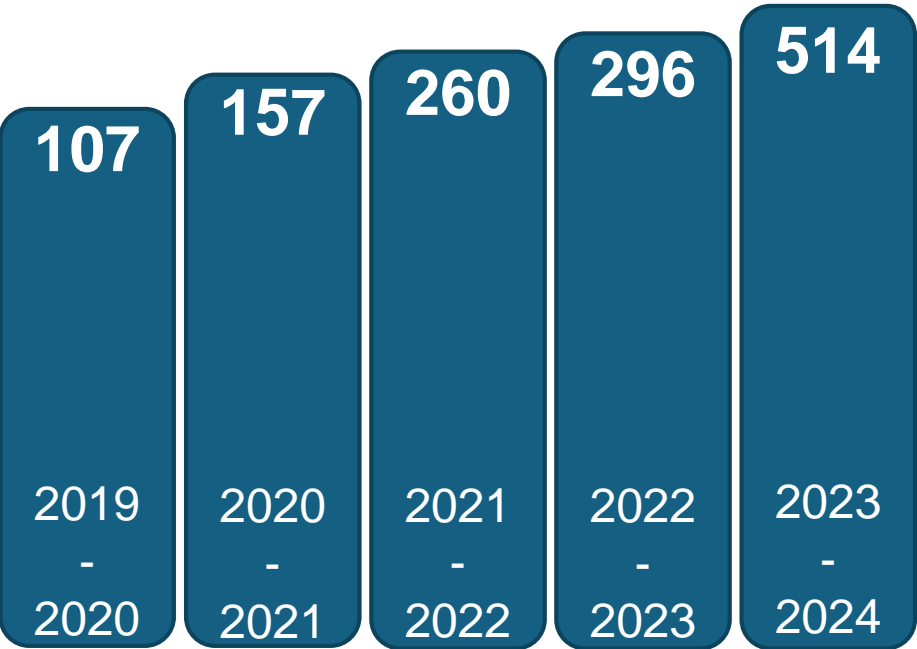


**Mr. Aman Gondane, Student of M.Sc Chemistry visited IIT, Delhi in Feb 2019
Later Qualified GATE Exam and got admitted to M. Tech at IIT, Delhi 2020.**



Experiential Learning : Through Internship

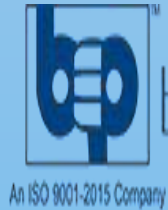
1334





Experiential Learning : Through Internship

DEPARTMENT OF CHEMISTRY



DEPARTMENT OF COSMETIC TECHNOLOGY





Experiential Learning : Through Internship

DEPARTMENT OF COMPUTER SCIENCE



DEPARTMENT OF BIOTECHNOLOGY



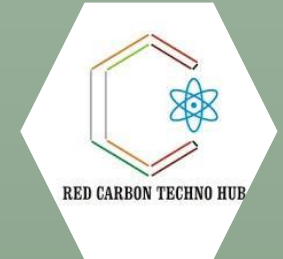


Experiential Learning : Through Internship

DEPARTMENT OF MICROBIOLOGY & ENVIRONMENTAL SCIENCE



DEPARTMENT OF M.B.A & ELECTRONICS






Outcomes of Experiential Learning : Internship

Intent of Appointment as Intern

R&D Inbox



 Zeal Ark Che... 13/5/2024
to me, Urmi ▾

Dear Twinkle,

We are pleased to confirm your appointment as an intern within the R&D Personal Care Division at Ark Chemicals Pvt LTD. Your internship will commence on May 20th and conclude on July 20th, 2024.

Please be informed that this internship is unpaid.

We are excited to welcome you aboard and look forward to your valuable contributions during your time with us.

Thanks & Regards,

Zeal Kavi | HR

Mob: +917718868021

ARK Chemicals Private Limited.

603, ECO House, Vishweshwar Nagar, Off Aarey Road,
Behind Udipi Hotel, Goregaon (E), Mumbai – 400063



Dear Twinkle,

Congratulations on being selected at Ark Specialty Chemicals India Pvt Ltd. As discussed we are pleased to offer you the position of **Jr. R&D** in our esteemed organisation.

We're thrilled to have you join our team.

Date of Joining - 6th May 2025

Timings- 9.30am-5.30pm

Working days - Monday to Saturday (9.30- 4pm)

Kindly give your confirmation on the same

We are excited to welcome you aboard and look forward to your valuable contributions during your time.

Thanks & Regards,

Zeal Kavi

HR Executive

Mob: +917718868021

ARK SPECIALTY CHEMICALS INDIA PVT LTD.

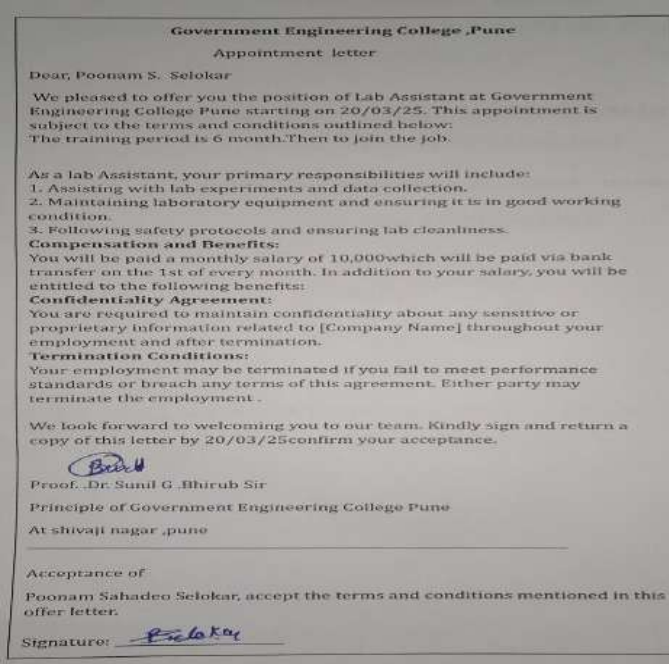
605, ECO House, Vishweshwar Nagar, Off Aarey Road,
Behind Udipi Hotel, Goregaon (E), Mumbai – 400063



**Student Name – Twinkle
Mall BCT Sem VIII
Internship Summer 2023-24
Pass out 2024-25**



Outcomes of Experiential Learning: Through Internship





Voting Awareness during the Legislative Assembly Elections

Cleanliness Drive



Experiential Learning : Awareness Campaign & Cleanliness Drive

Department of Sociology



215, Hanuman Nagar, Nagpur, Maharashtra 440024, India

Latitude
21.1267956939819°

Longitude
79.10243046700951°

Local 10:34:31 AM

Altitude 306 meters

GMT 05:04:31 AM Plastic bag remove, use cloth bag's campaign 24

Donation of Waste Cloths to Eco-Friendly Organization



Experiential Learning : Through Projects

Session	No of students completed Projects
2019-20	1068
2020-21	923
2021-22	1686
2022-23	1656
2023-24	1264

6597

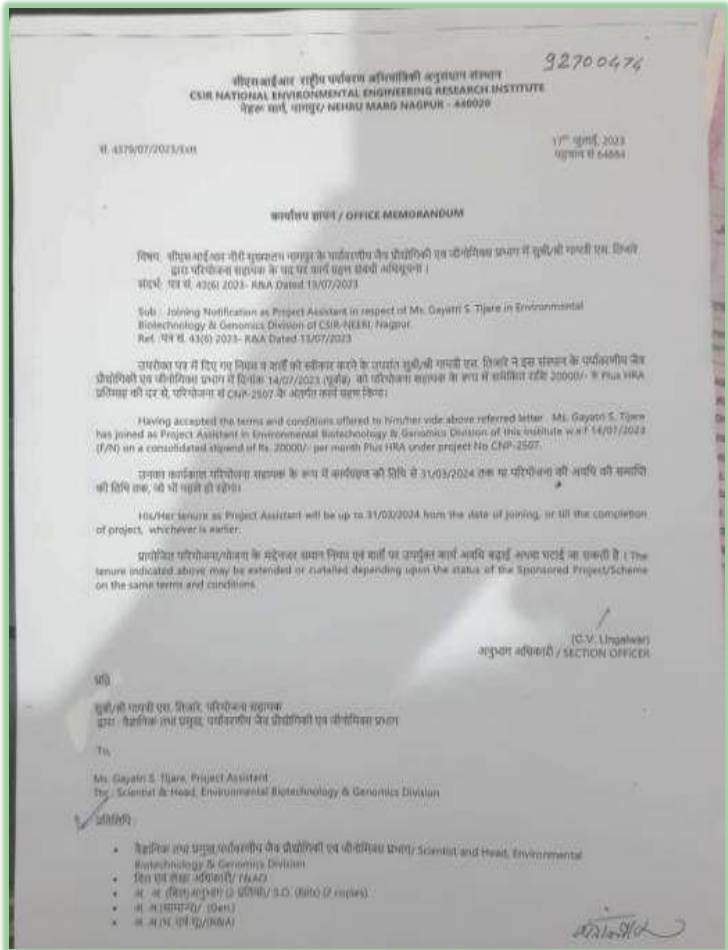
http://kamla-nehru-e-library.rf.gd/Institutional_repository.php



Outcomes of Experiential Learning: Through Project



Students won First Prize of 50000 /- in Colour Cosmetic Category Competition held at Vimal Life Sciences



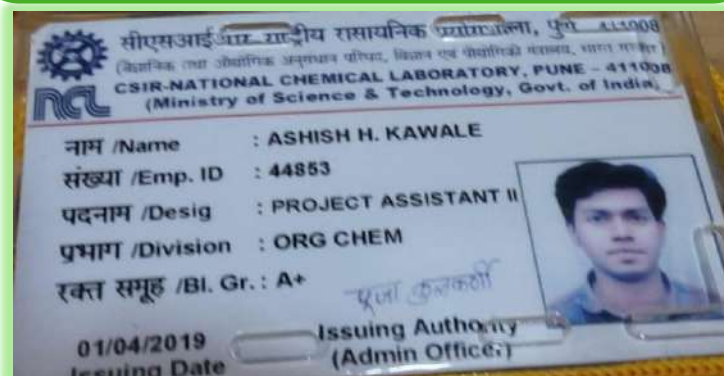
❖ **Gayatri Tijare** (M.Sc. II yr) has done her research from CSIR-NEERI
❖ Presently employed in CSIR-NEERI, Nagpur as Research Assistant in govt. funded project



Outcomes of Experiential Learning: Through Project



On the Basis of the Project done at KNM, Mr. Ashish Kawale a student of M.Sc. Chemistry got the opportunity to work at NCL, Pune as a Project Assistant

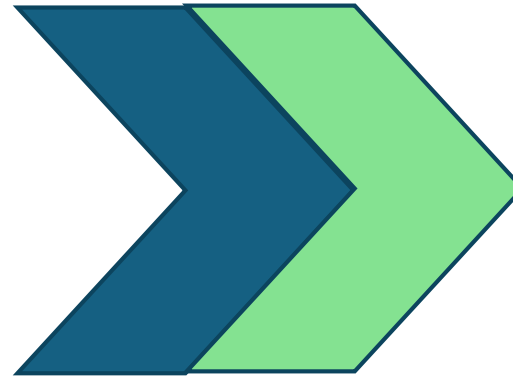
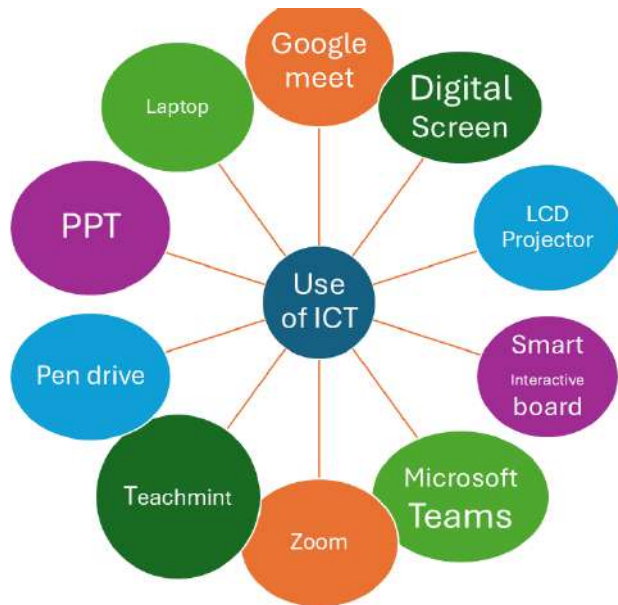


Student has made a Photocatalyzer using waste wooden box & Other accessories





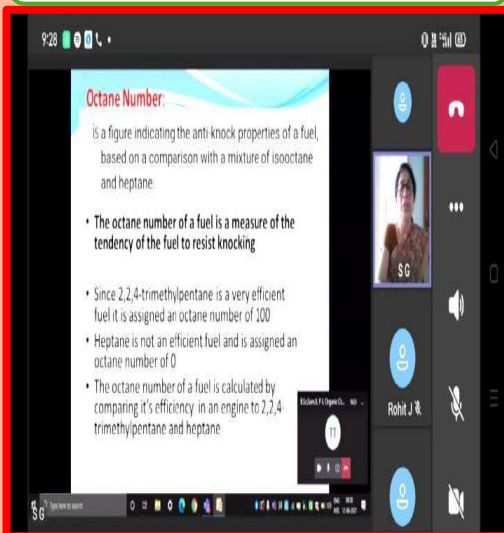
Use of ICT in Teaching-Learning Process



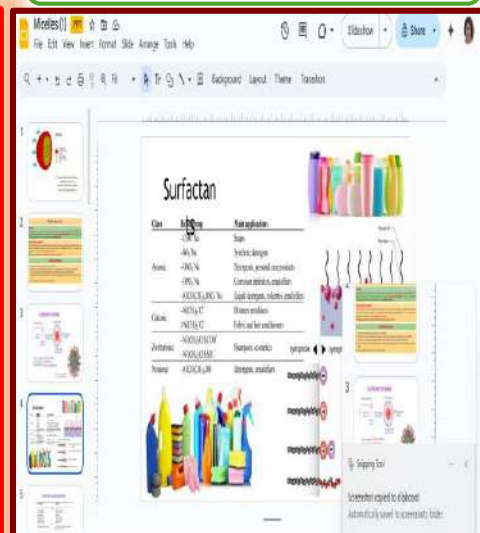
Outcomes:

- Promoted flexible and student-centric learning.
- Enhanced conceptual clarity through digital content and live demos.
- Enabled continuous evaluation through online quizzes and assignments.

Google meet



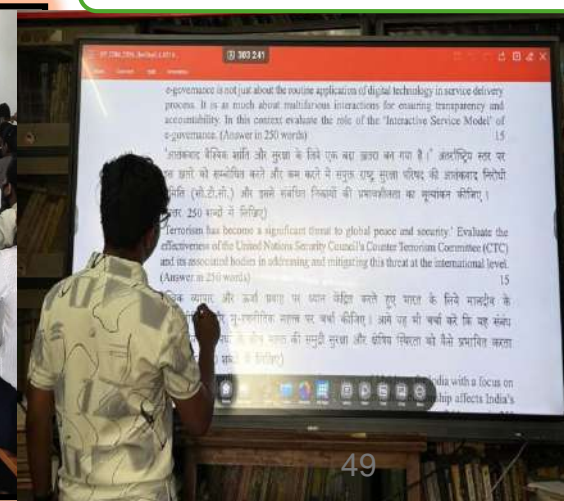
PPT



Use of ICT



Interactive Board





Use of LMS in Teaching-Learning Process

<http://cims.mastersofterp.in>

College has its own LMS, where every teacher has user id & Password: Notes, Teaching plan, Assignments, Imp Questions are uploaded

HELLO, REENA BAGDE
Session: 2025-2026
Working Date: 13/05/2025
Counter: 0
v4.0.3 (Release Notes)

ITLE > Course/Subject > Select Course/Subject

Note: * Marked Fields Are Mandatory!

Itle Session: * 2023-2024

Sr.No	Active Courses and Specializations
1	M.Sc. CHE - 2 - A/C - ANALYTICAL CHEMISTRY (Bo) - 0.00

Showing 1 to 1 of 1 entries

USE OF TEACHMINT

- LINK FOR GOOGLE CLASSROOM (Dr. Mrs. S. M. Gadegone)
- LINK FOR GOOGLE CLASSROOM (Dr. Ms. R. R. Dubey)

<https://drive.google.com/drive/folders/0BzvMCxXK7qqofjUtT2hFdDhmaEVuYzZYZVRmQVV2Um dSWjBNUTQtYmINd0sxUjl1QzA0TjA?resourcekey=00nTeT0j9pPxZ6jeBe8sp4g&usp=sharinghttps://youtu.be/EWnouo6e1rs>

- Your Teacher Rashmee Dubey has invited you to join Classroom:

B.Sc. Sem V-Subject: Chemistry, Organic Chemistry, Organic Chemistry Classroom ID: 7434752496 🖱️🖱️🖱️ Enroll to the classroom on Teachmint Link:

https://www.teachmint.com/enroll/7434752496/61357436c6a1fdb95b9f384?utm_source=app?utm_medium=android

- https://drive.google.com/drive/folders/0B_xSqaUiT3yfkQyb09ISXVoRTJ1WUdaOWJrZkpmbFEtSnZMZEg4RkgwdmFRaIVON2NSTms?resourcekey=0-v_mK8M2eDrVYFdS8FxdaRw&usp=sharing

USE OF GOOGLE CLASSROOM

15:29 88%

B.Sc sem IV A and B

Share with your class...

Ganesh Daf 12 May

Name: Minal Ganesh daf
Class: b.sc sem 4 Cbz
M.no: 8830273529
Mail id: Ganeshdaf4175@gmail.com

Add class comment

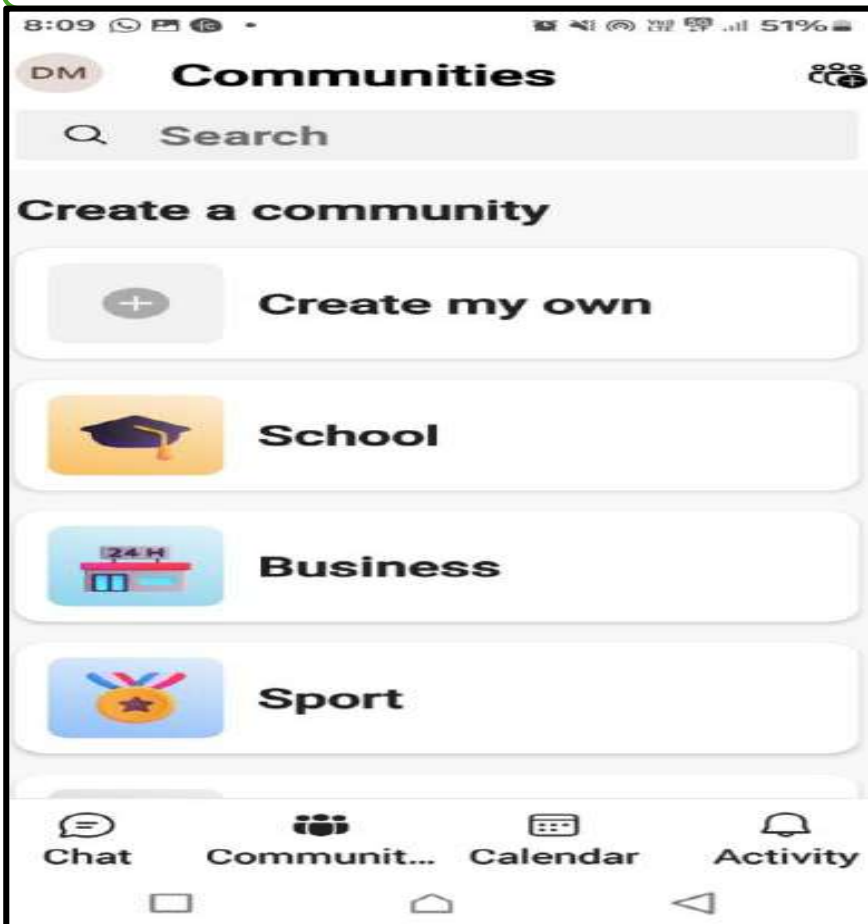
New assignment: MCQ ON QM 19 Apr

Stream Classwork People

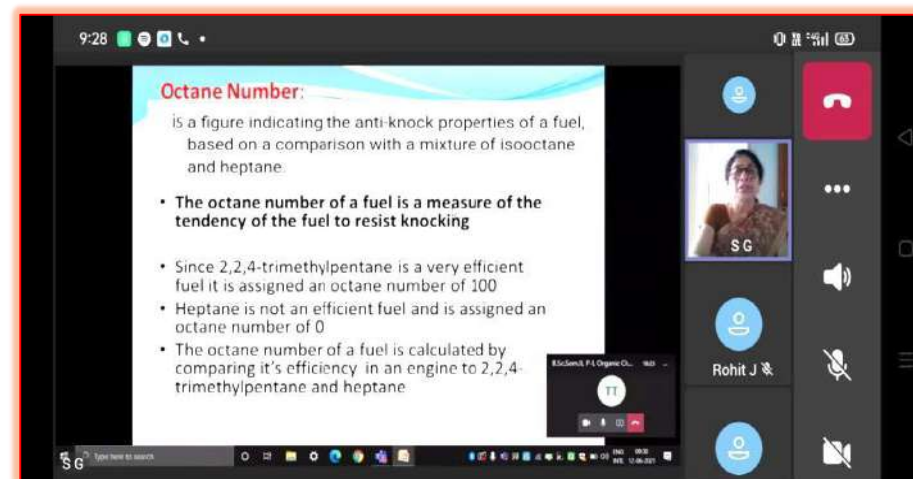


Use of LMS in Teaching-Learning Process

Microsoft Team



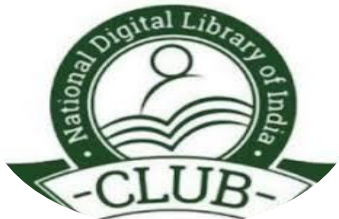
<https://drive.google.com/drive/folders/11CQHyoSLrSJNPcDxY298KZ41w7mO2rK9>



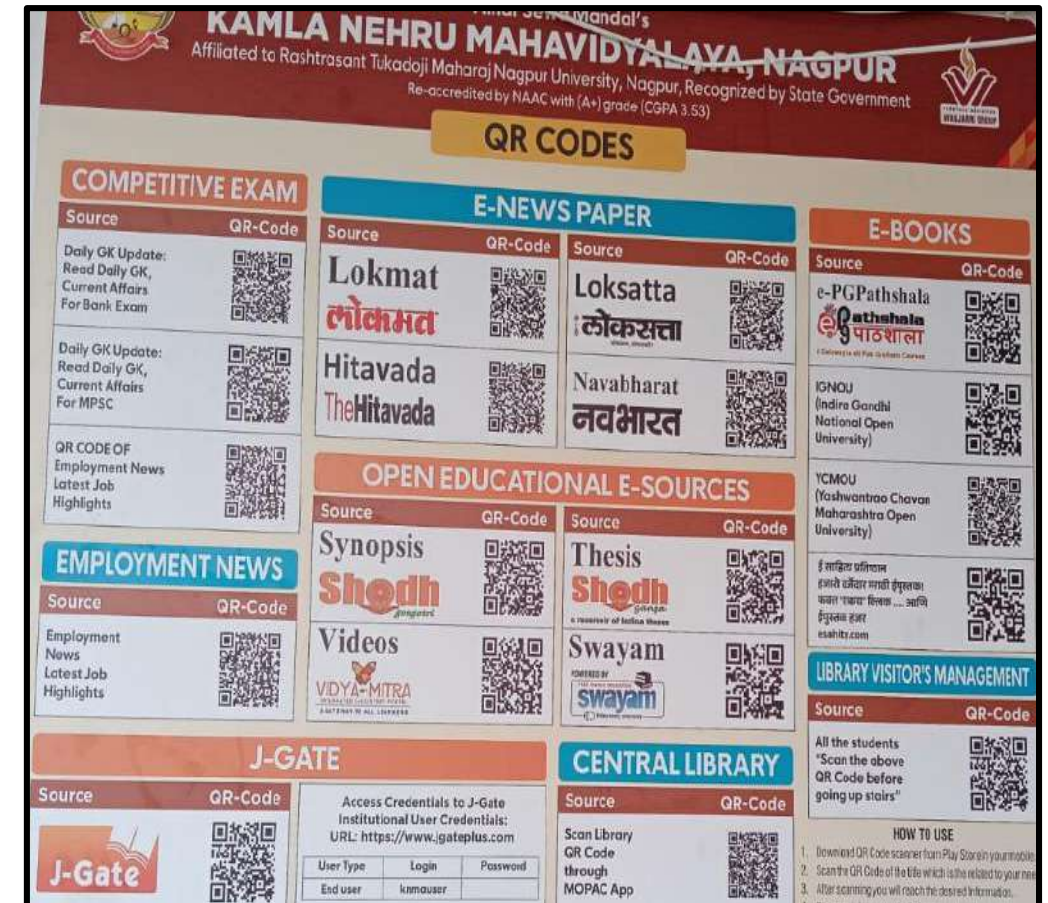
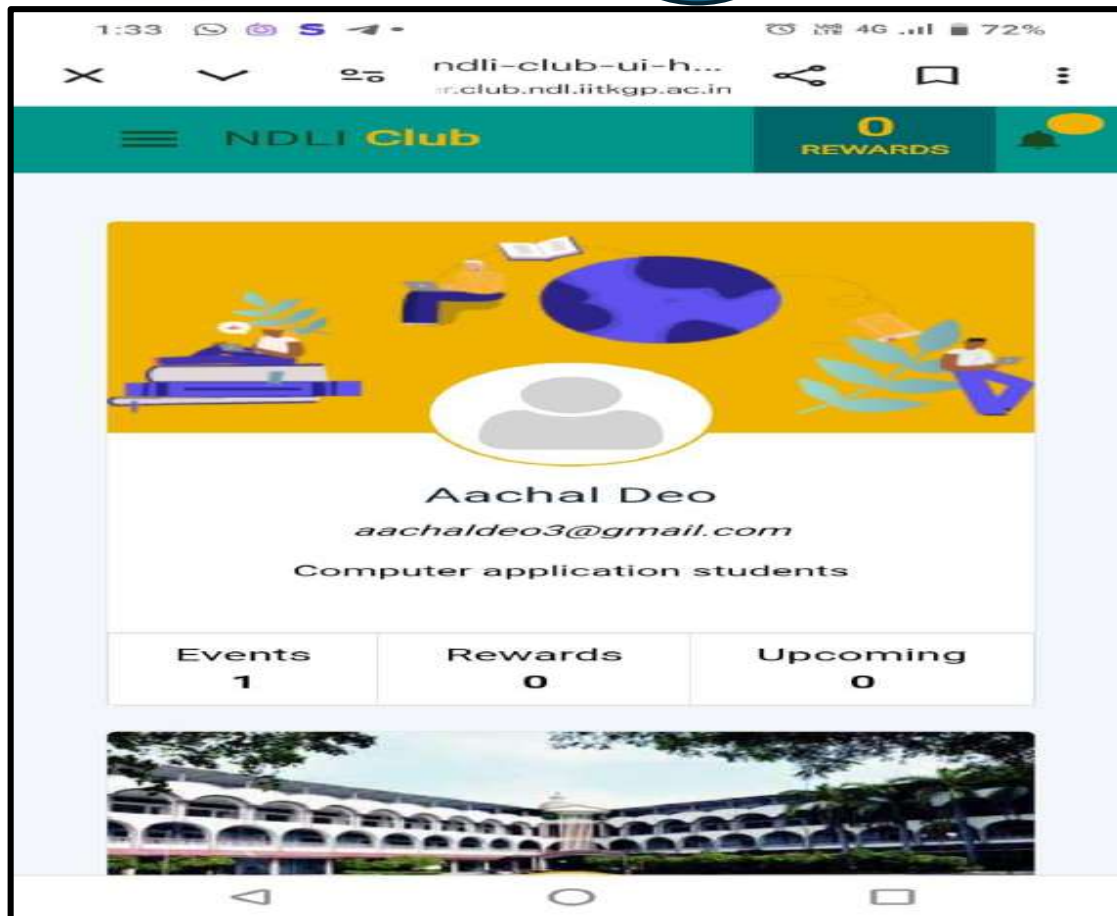


Use of LMS in Teaching-Learning Process

Knowledge Resource Centre



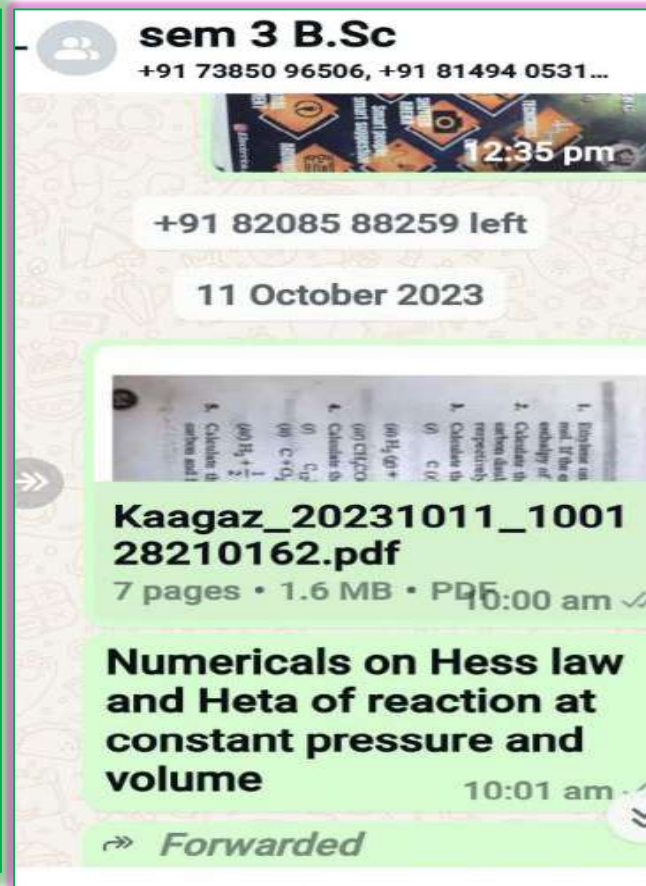
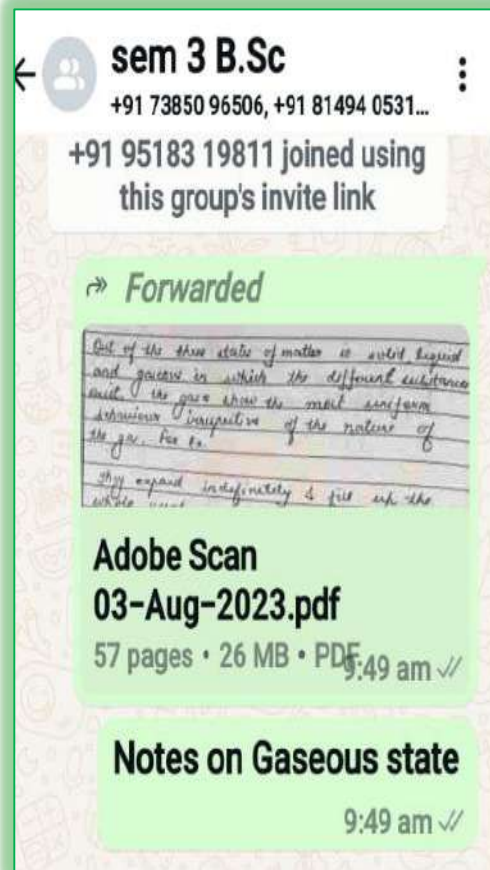
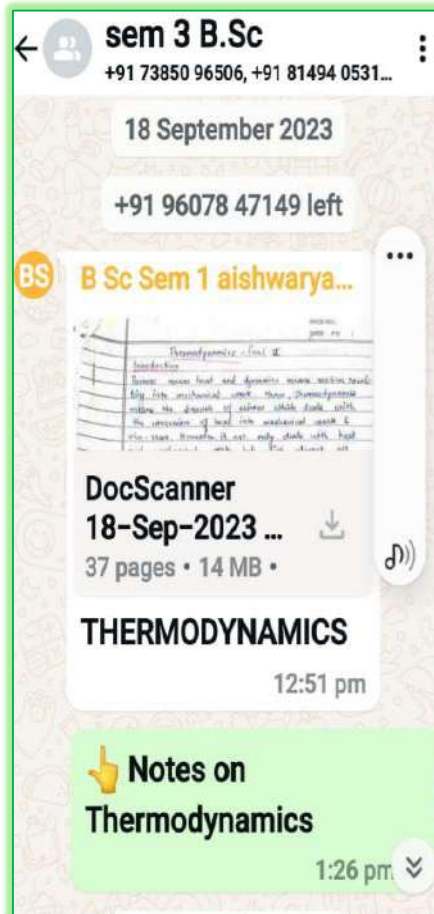
958



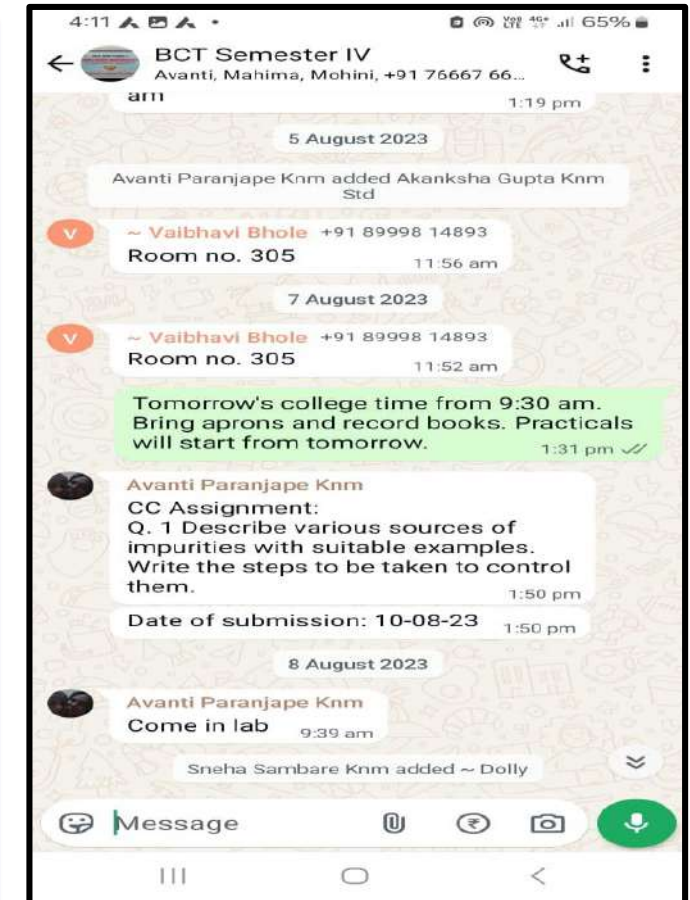


Use of LMS in Teaching-Learning Process

Department of Chemistry



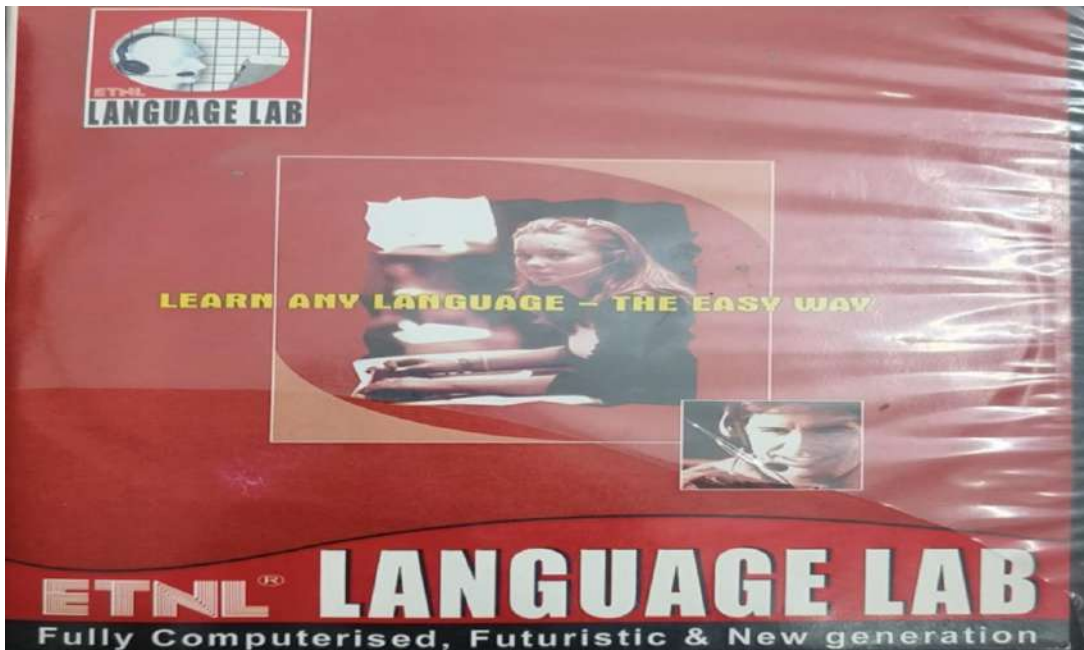
Department of Cosmetic Tech



Use of Social media for Sharing Content



Use of Language Laboratory



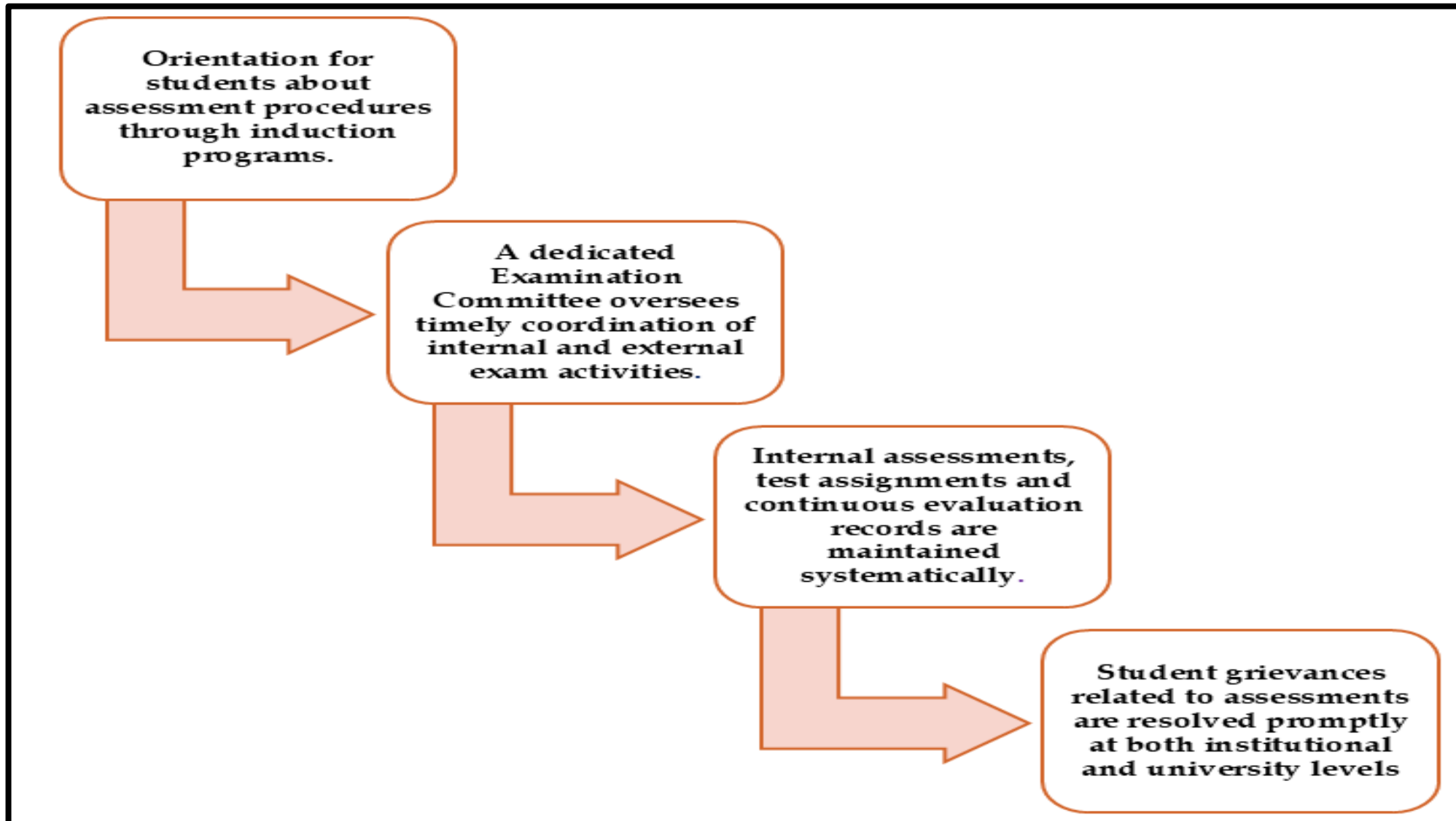


Consolidated impact of all these Teaching-Learning practices

Activities	No of Students
Merit Students	112
Students Qualifying various competitive Examinations such as NET/SET/GATE/IIT JAM	62
Students who have won Seminars/Poster/ any other competitions at various levels	92



2.5.1 Mechanism of Internal/External Assessment





2.5.1 Mechanism of Internal/External Assessment

Assessment Mechanism (Internal/External)

Transparency

- Examinations are conducted as per academic calendar by the examination committee
- Time-Schedule is displayed
- Proper seat plans are arranged and attendance is recorded
- Answer sheets are scrutinized
- Answer sheets are shared to maintain transparency

Time-bound

- Assessment is carried out within fixed time frame
- Results are displayed in the notice board

Efficient

- Assessment mechanism is structured and well defined
- Grievances system is adequate and efficient

Link for the Practical Marks

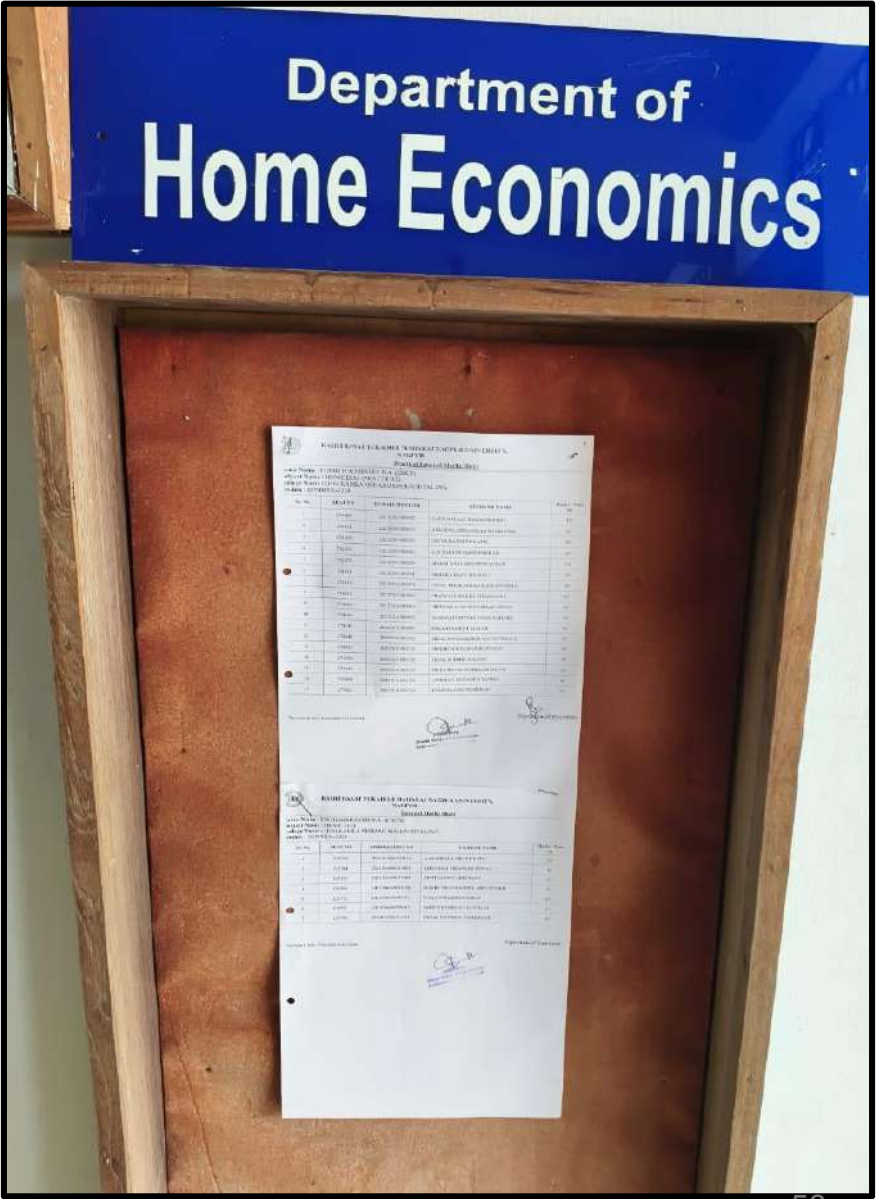
https://drive.google.com/file/d/1k_cklTWNT4mwUCwlUv6fFvu3ewfDsmND/view?usp=drive_link

Link for the Question Papers

https://drive.google.com/file/d/141yaDt7Sv61lsNkXBAagvFbFm_nBilFgF/view?usp=drive_link



Internal Marks Displayed on Notice Board





2.5.1 Mechanism of Internal/External Assessment

Induction Programme at the starting of the session : Students are informed about the Examination & Assessment procedure

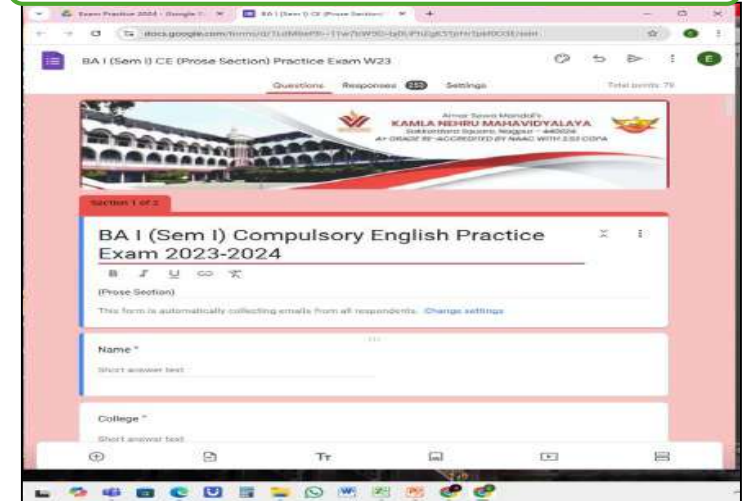
Induction program



Unit Test



Feed back from Students

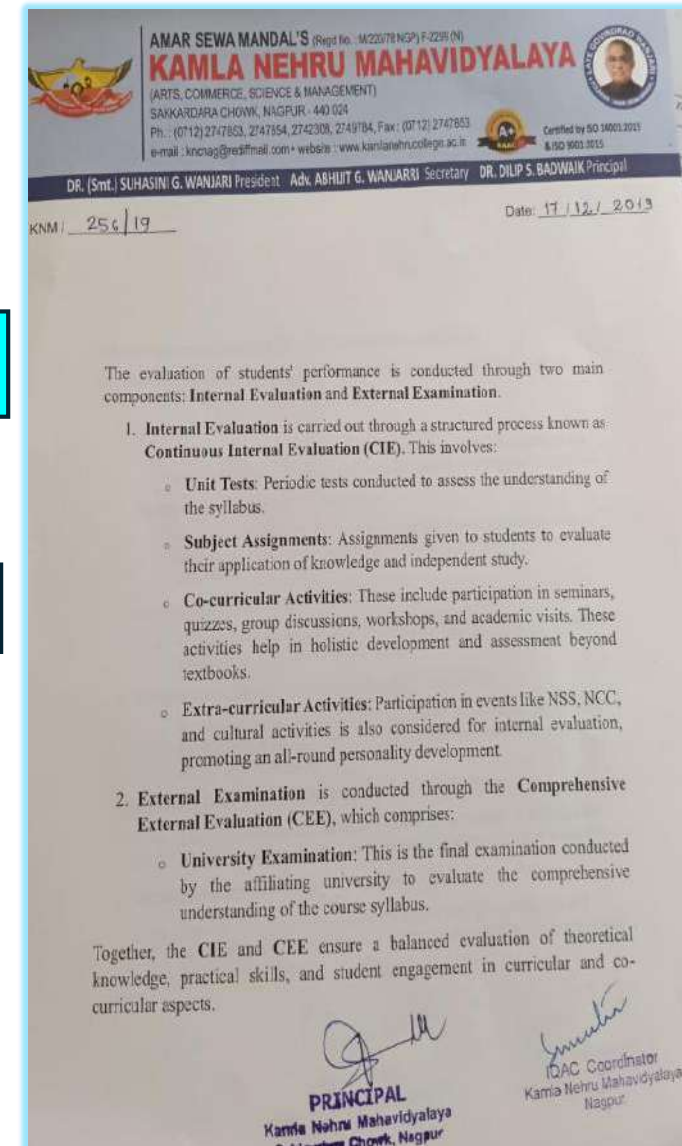
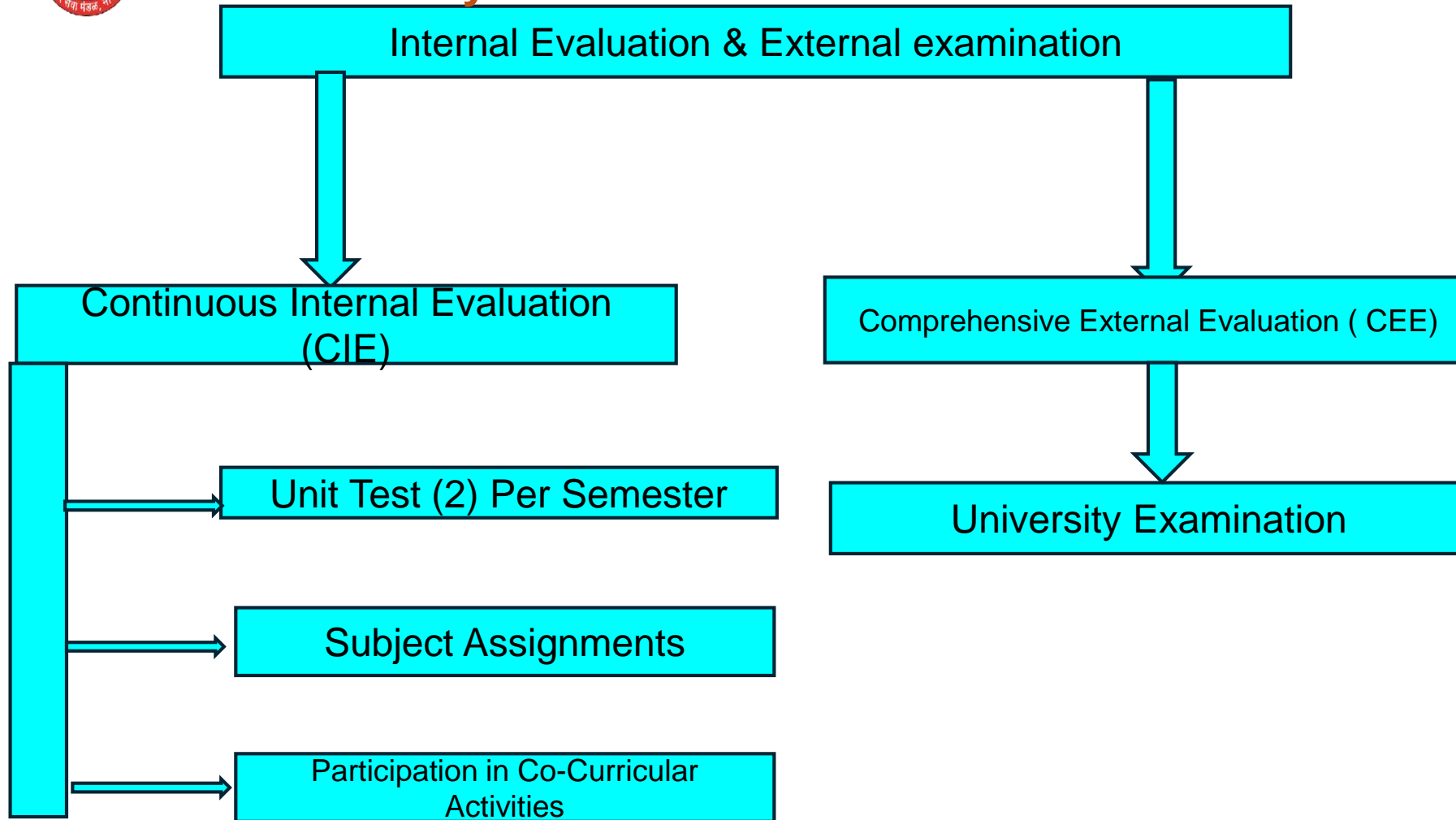


Internal Assessment through Assignment, Project and Task



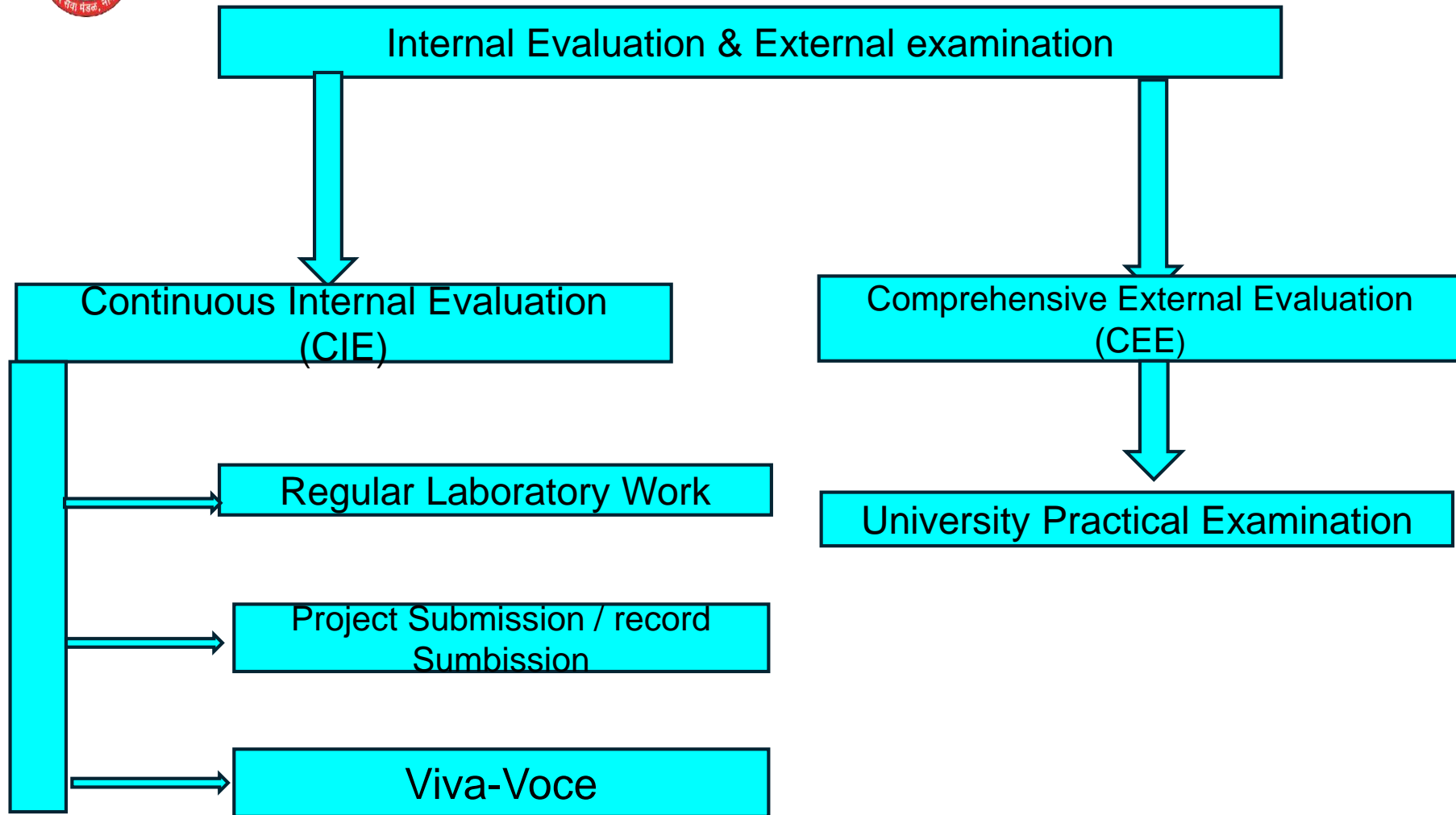


Flow Chart for Internal Evaluation & Examination-Theory





Flow Chart for Internal Evaluation & Examination-Practical



AMAR SEWA MANDAL'S (Regd No: M/22878 MP/F-2296/N)
KAMLA NEHRU MAHAVIDYALAYA
(ARTS, COMMERCE, SCIENCE & MANAGEMENT)
SAKARDARA CHOWK, NAGPUR - 440 024
Ph : (0712) 2747853, 2747854, 2742308, 2749784, Fax : (0712) 2747853
e-mail: kncmg@rediffmail.com • website: www.kamla nehru college.ac.in

DR. (Smt.) SUHASINI G. WANJARI President, Adv. ABHJIT G. WANJARI Secretary, DR. DIPU S. BADWAIK Principal

KNM / 258 / 19 Date: 17 / 12 / 2019

Standard Operating Procedure (SOP) for Internal Evaluation and External Examination

The evaluation process of students at the institution is conducted through two parallel mechanisms: **Internal Evaluation** and **External Examination**. This ensures a holistic and comprehensive assessment of students' academic performance and overall development.

1. Internal Evaluation – Continuous Internal Evaluation (CIE):

Continuous Internal Evaluation (CIE) is carried out throughout the academic session and includes multiple components aimed at assessing different aspects of student learning:

- **Laboratory Work:** Regular practical sessions are conducted, and students' performance in conducting experiments and maintaining lab records is evaluated.
- **Project Submission/Record Submission:** Students are required to complete subject-specific projects or submit records based on curriculum guidelines.
- **Oral Exam/Viva:** Viva-voce examinations are conducted to assess conceptual clarity, communication skills, and depth of understanding.
- **Extra-curricular Activities:** Participation in activities like NSS, NCC, and cultural events is considered an essential part of internal assessment, promoting overall personality development and civic responsibility.

2. External Examination – Comprehensive External Evaluation (CEE):

The Comprehensive External Evaluation (CEE) is conducted by the affiliating university. It includes:

- **University Practical Exam:** Students appear for the university-conducted practical examinations, which are evaluated externally and form a crucial component of the final result.

This SOP ensures that both academic knowledge and practical skills, as well as participation in extracurricular activities, are given due weightage in the student evaluation process.

[Signature]
Kamla Nehru Mahavidyalaya
Sakardara Chowk, Nagpur

[Signature]
Kamla Nehru Mahavidyalaya
Nagpur



Standard Operating System for Conduct of Examination (University & College level)

NOTICE AND TIME-TABLE ARE DISPLAYED

UNIVERSITY EXAM TIME TABLE & DISTRIBUTION OF HALL TICKETS

ARRANGEMENT OF EXAM VENUE AND CONDUCT OF EXAM

ENTRY OF INTERNAL MARKS ON UNIVERSITY PORTAL

DISPLAY OF INTERNAL MARKS ON NOTICE BOARD

AMAR SEWA MANDAL'S Regd No. : W220718 NGP F-2259 (N)
KAMLA NEHRU MAHAVIDYALAYA
(ARTS, COMMERCE, SCIENCE & MANAGEMENT)
SAKARDARA CHOWK, NAGPUR - 440 024
Ph. : (0712) 2747055, 2747954, 2742308, 2749784, Fax : (0712) 2747853
e-mail : kncnag@rediffmail.com • website : www.kamlanehrucollege.ac.in

DR. (Smt.) SUHASINI G. WANJARI President Adv. ABHJIT G. WANJARI Secretary DR. DILIP S. BADWAIK Principal

KNM / 257 / 19 Date: 17 / 12 / 2019

Standard Operating Procedure (SOP) for Conduct of Examination

The following procedural steps are followed to ensure the smooth conduct of internal and external examinations in the institution:

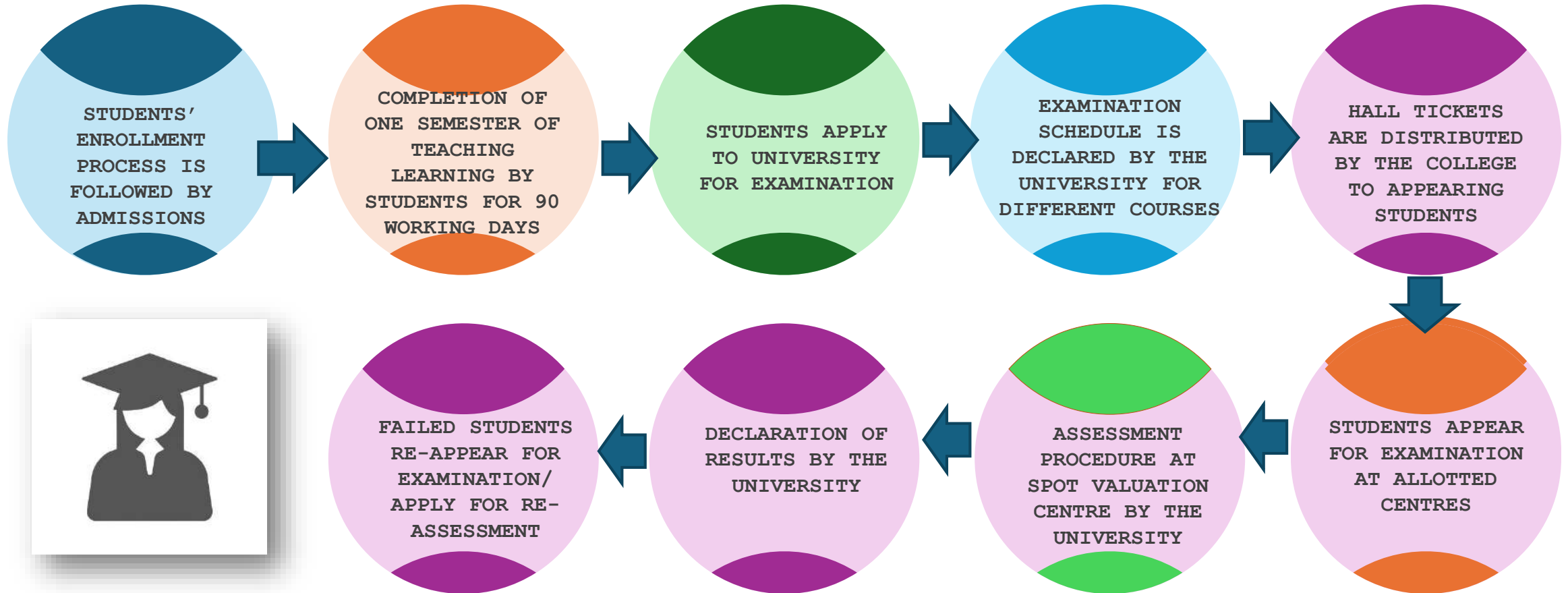
- 1. Notice and Time-Table:**
 - o A detailed notice and time-table for internal and university examinations are prepared and circulated well in advance for student awareness and preparation.
- 2. Display of Internal Marks on Notice Board:**
 - o Internal assessment marks are compiled and displayed on the departmental or institutional notice board to maintain transparency and allow students to verify their scores.
- 3. Entry of Internal Marks on University Portal:**
 - o Once verified, the internal marks are uploaded to the university examination portal within the prescribed deadline.
- 4. Practical Exam Time Table and Conduction of Examination:**
 - o A separate time-table for practical examinations is announced. Practical exams are then conducted as per university norms under the supervision of internal and/or external examiners.
- 5. University Exam Time Table and Distribution of Hall Tickets:**
 - o The final examination time-table, issued by the university, is disseminated among students. Hall tickets are distributed accordingly to eligible students.
- 6. Arrangement of Exam Hall and Conduction of Exam:**
 - o Examination halls are arranged in accordance with the seating plan and university guidelines. Exams are conducted under strict invigilation to ensure fairness and discipline.

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakardara Chowk, Nagpur

ICAC Coordinator
Kamla Nehru Mahavidyalaya
Nagpur



PROCESS FLOW FOR UNIVERSITY EXAMINATIONS

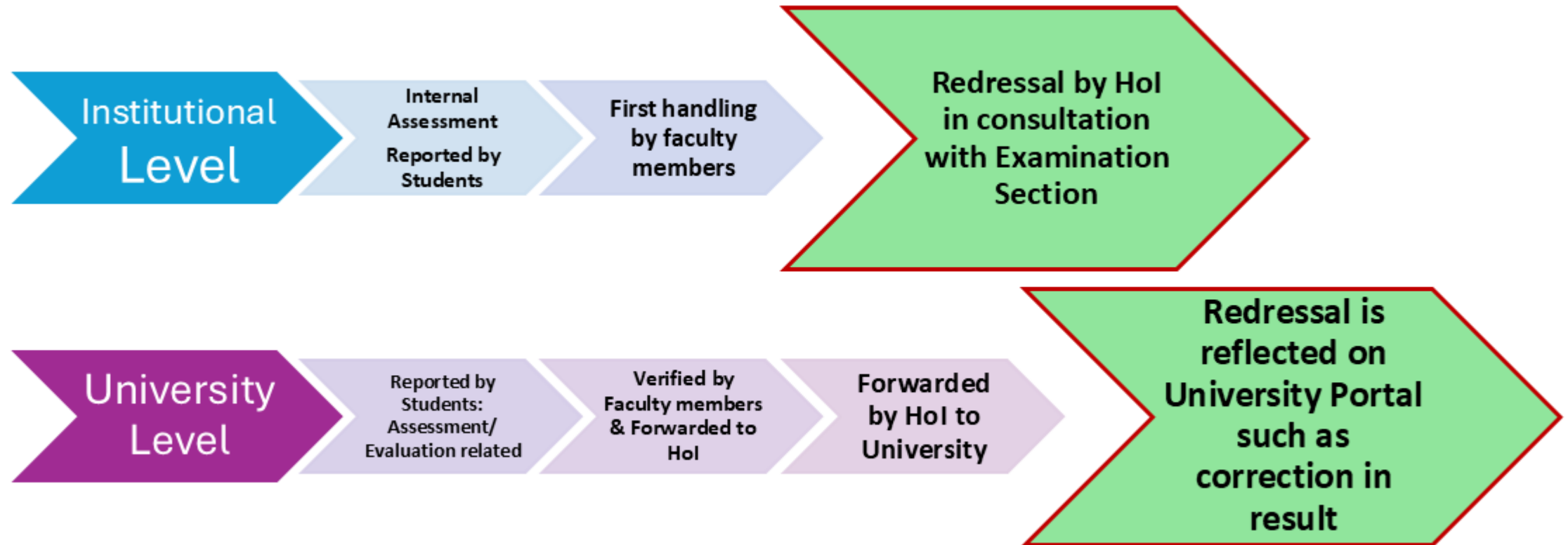


UNIVERSITY WEBPAGES

1. RESULTS: <https://rtmnureresults.org>
2. TIME TABLE- <https://nagpuruniversity.ac.in/index.php/Contentpage/index/SC9vcnZ1dENTZnhTWIZBPQ%3D%3D/en>
3. <https://nagpuruniversity.ac.in/index.php/Contentpage/index/RVA4MW8rNFWdjVRWWc9PQ%3D%3D/en>
4. <https://nagpuruniversity.ac.in/index.php/Contentpage/index/RVBndHZ1dENTZnhTWIZBPQ%3D%3D/en>



Grievance And Redressal mechanism





Standard Operating System for Examination related Grievances

Student Application
(Regarding Exam Form, Hall Ticket, Marksheet, Internal Marks Entry, Revaluation Form)

Investigation
(Discussion on queries with respective Authorities or Examination Cell)

Communication to University
(Queries communicated to University through portal, telephonically, Physically)

University Process
(Verification & Action taken by University & Resolution communicated to the College)

Communication to the Students
(Resolved issues are communicated to students)

AMAR SEWA MANDAL'S (Regd. No.: MZ2578 NGP) F-2298 (N)
KAMLA NEHRU MAHAVIDYALAYA
(ARTS, COMMERCE, SCIENCE & MANAGEMENT)
SAKWARDARA CHOWK, NAGPUR - 440 024
Ph.: (0712) 2747853, 2747864, 2742308, 2749784, Fax: (0712) 2747853
e-mail: krenag@rediffmail.com • website: www.kamla nehru college.ac.in

DR. (Smt.) SUHASINI G. WANJARI President, Adv. ABHJIT G. WANJARI Secretary, DR. DILIP S. BADWAIK Principal

KNM / 130 / 20 Date 2 / 07 / 2020

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
Grievance and Redressal Policy

1. Introduction
Kamla Nehru Mahavidyalaya, Nagpur, is committed to ensuring a transparent, responsive, and student-friendly mechanism to address academic grievances related to internal assessments and university examinations. This policy outlines the structured process for grievance redressal at both the institutional and university levels.

2. Objectives

- To provide a fair and transparent mechanism for redressal of student grievances.
- To strengthen student confidence in institutional procedures.
- To ensure timely resolution of academic and assessment-related issues.

3. Scope
This policy applies to all students of Kamla Nehru Mahavidyalaya, Nagpur, and covers grievances related to:

- Internal assessment marks
- Evaluation discrepancies
- Result-related issues

4. Grievance Redressal Mechanism
A. Institutional Level Grievance
Steps:

- Grievance Reporting:**
Students may report grievances related to internal assessments to the concerned faculty member.

Principal
Kamla Nehru Mahavidyalaya
Sakwardara Chowk, Nagpur

IOAC Coordinator
Kamla Nehru Mahavidyalaya
Nagpur.



Examination related Grievances (Sample)

Kamla Nehru Mahavidyalaya, Nagpur
Affiliated to KJ Somaiya Institute of Science & Technology, Nagpur, Recognized by State Government
Re-accredited by NAAC with (A+) grade (U/GPA 3.53)
ISO 9001:2015 and ISO 14001:2015 Certified

Application No. 2498 Date 14/04/24

Grievance Redressal Form

1. Grievant Details

Name of the Grievant	Kaushika Sunil Palandurkar
Name of the Department	Zoology
Enrollment No.	20231011600488
Class & Semester	B.Sc Sem 4
Name of the Mentor	Dr. Firdos Razvi

2. Types of Grievance

Sr.No	Nature of Grievance	Tick
1	Registration No	
2	Change of Name	
3	Internal Examination Evaluation	
4	University Exam Hall Ticket	
5	Uploading or submission of Practical Marks	
6	University Marksheet / Degree	<input checked="" type="checkbox"/>
7	Technical Problem	
8	Any other Problem	

Please Specify Grievance briefly

AS per complaint of Kaushika S. Palandurkar she had not got her marksheet due to her result was withheld. So, we had done needful action for getting her marksheet.

Kaushika
Kaushika S. Palandurkar
Name & Signature of the Student

[Signature]
Principal

Kamla Nehru Mahavidyalaya, Nagpur
Affiliated to KJ Somaiya Institute of Science & Technology, Nagpur, Recognized by State Government
Re-accredited by NAAC with (A+) grade (U/GPA 3.53)
ISO 9001:2015 and ISO 14001:2015 Certified

Application No. 2073 Date 01/04/24

Grievance Redressal Form

1. Grievant Details

Name of the Grievant	Manasi Vimal Mahile
Name of the Department	Microbiology
Enrollment No.	20231011600497
Class & Semester	B.Sc Sem 3
Name of the Mentor	Arati Dhakekar

2. Types of Grievance

Sr.No	Nature of Grievance	Tick
1	Registration No	
2	Change of Name	
3	Internal Examination Evaluation	
4	University Exam Hall Ticket	<input checked="" type="checkbox"/>
5	Uploading or submission of Practical Marks	<input checked="" type="checkbox"/>
6	University Marksheet / Degree	
7	Technical Problem	
8	Any other Problem	

Please Specify Grievance briefly

AS per complaint of Manasi Mahile her subject microbiology is missing on hall ticket so we forwarded her complaint to university for including Microbiology on hall ticket.

Manasi
Manasi V. Mahile
Name & Signature of the Student

[Signature]
Principal
PRINCIPAL
Kamla Nehru Mahavidyalaya
Sekkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya, Nagpur
Affiliated to KJ Somaiya Institute of Science & Technology, Nagpur, Recognized by State Government
Re-accredited by NAAC with (A+) grade (U/GPA 3.53)
ISO 9001:2015 and ISO 14001:2015 Certified

Application No. 2531 Date 04/04/24

Grievance Redressal Form

1. Grievant Details

Name of the Grievant	Mayuri R. Sondawale
Name of the Department	Chemistry
Enrollment No.	20231011600502
Class & Semester	B.Sc Sem 6
Name of the Mentor	Dr. M.S. Wagh

2. Types of Grievance

Sr.No	Nature of Grievance	Tick
1	Registration No	
2	Change of Name	
3	Internal Examination Evaluation	
4	University Exam Hall Ticket	
5	Uploading or submission of Practical Marks	<input checked="" type="checkbox"/>
6	University Marksheet / Degree	<input checked="" type="checkbox"/>
7	Technical Problem	
8	Any other Problem	

Please Specify Grievance briefly

AS per complaint of Mayuri Sondawale her chemistry practical marks are not uploaded in the marksheet. we reuploaded the marks and forwarded to university.

Sondawale
Mayuri R. Sondawale
Name & Signature of the Student

[Signature]
Principal
PRINCIPAL
Kamla Nehru Mahavidyalaya
Sekkardara Chowk, Nagpur



Examination related Grievances (Sample)

AMAR SEWA MANDAL'S (Regd. No. A/2020/RTM/1229/20)
KAMLA NEHRU MAHAVIDYALAYA
(ARTS, COMMERCE & SCIENCE)
SAKKARDARA CHOWK, NAGPUR-461004 • Ph: 07123 2747653, 2747654, 2742308, 2747684
Fax: 07123 2747653 • e-mail: ksmg@rediffmail.com • website: www.kamla nehru college.ac.in

DR. (Smt.) SUNASHINI G. WANJARI President, A/s. ABHILIT G. WANJARI Secretary, DR. DILIP S. BADIWAIK Principal

RM/ _____ Date: 26/02/24

To,
Director,
Board of Examination and Evaluation,
RTM Nagpur University,
Nagpur.

Subject: Submission of Hard copy of Revaluation Marks of College Level Exam for Third Semester Bachelor of Computer Applications (B.C.A), winter 2023 Exam.

Respected Sir,

With reference to the above subject, Revaluation Marks of College Level Exam for the Third Semester Bachelor of Computer Applications (B.C.A), winter 2023 Exam. The name and marks of the students are as follows:

Sr. No	Roll No.	Name of the student	Subject	R1 Marks	R2 Marks	Average Marks
1	252927	Sumit Sunil Naik	Operation Research-I	13	13	13
2	252927	Sumit Sunil Naik	Web Technology	15	15	15

Kindly do needful at your earliest.

Thanking You,
Yours Sincerely,

[Signature]
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

[Signature]
26/02/24

AMAR SEWA MANDAL'S (Regd. No. A/2020/RTM/1229/20)
KAMLA NEHRU MAHAVIDYALAYA
(ARTS, COMMERCE & SCIENCE)
SAKKARDARA CHOWK, NAGPUR-461004 • Ph: 07123 2747653, 2747654, 2742308, 2747684
Fax: 07123 2747653 • e-mail: ksmg@rediffmail.com • website: www.kamla nehru college.ac.in

DR. (Smt.) SUNASHINI G. WANJARI President, A/s. ABHILIT G. WANJARI Secretary, DR. DILIP S. BADIWAIK Principal

RM/ _____ Date: 27/02/2024

To,
The Director,
Board of Examination and Evaluation,
RTM Nagpur University,
Nagpur.

Subject: Submission of Hard copy of Theory Marks (University Examination - Home Center) REVALUATION for First Semester Bachelor of Science (B.Sc.) Winter 2022 Examination (Supplementary).

Respected Sir,

With reference to the above subject, Theory Marks (University Examination - Home Center) for First Semester Bachelor of Science (B.Sc SEM-I) winter 2022 Examination (Supplementary) is attached here with for the following subjects.

Class: B.Sc. Semester I

1. Chemistry (Paper-II)
2. Botany (Paper-I)
3. Biotechnology (Paper-I)
4. Microbiology (Paper-I & Paper-II)
5. English

Sr. No	Roll No.	Name of the Student	Subject	R1 Marks	R2 Marks	Average Marks
1	656474	Nishant Raju Bobate	Compulsory English	15	15	15
2	656234	Anshu Manohar Dakhole	Compulsory English	16	16	16
3	656473	Nikhil Shivprasad Thakre	Compulsory English	15	15	15
4	656232	Nikita Sharad Umate	Botany Paper-I	18	18	18
5	656474	Nishant Raju Bobate	Chemistry Paper-II	21	21	21
6	656323	Nikita Sharad Umate	Chemistry Paper-II	17	17	17
7	656473	Sahil Narendra Thakre	Biotechnology Paper-I	15	15	15
8	656449	Ganesh Shrawan Surtar	Microbiology Paper-I	07	07	07
9	656473	Sahil Narendra Thakre	Microbiology Paper-II	23	23	23
10	656449	Ganesh Shrawan Surtar	Microbiology Paper-II	10	10	10

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

AMAR SEWA MANDAL'S (Regd. No. A/2020/RTM/1229/20)
KAMLA NEHRU MAHAVIDYALAYA
(ARTS, COMMERCE & SCIENCE)
SAKKARDARA CHOWK, NAGPUR-461004 • Ph: 07123 2747653, 2747654, 2742308, 2747684
Fax: 07123 2747653 • e-mail: ksmg@rediffmail.com • website: www.kamla nehru college.ac.in

DR. (Smt.) SUNASHINI G. WANJARI President, A/s. ABHILIT G. WANJARI Secretary, DR. DILIP S. BADIWAIK Principal

RM/ _____ Date: 02/07/2024

To,
The Assistant Registrar (Conf.)
RTM Nagpur University
Nagpur

Subject: About Chemistry Practical Marks of Ms. Pranjal Dryaneshwar Fandi of B.Sc Sem 3

Respected Sir,

Ms. Pranjal Dryaneshwar Fandi of B.Sc Sem3 has given the winter 2023 Chemistry Practical Examination (Backlog). The Examination was conducted at College level on 11th May 2024. she has got 16 Marks out of 30. The marks were also uploaded on the Exam Portal. Still in her Result she has been Marked Absent. The online generated list and the attendance sheet is attached herewith.

Kindly do the needful.

Thanking You

Yours Faithfully

[Signature]
Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

2024

AMAR SEWA MANDAL'S (Regd. No. A/2020/RTM/1229/20)
KAMLA NEHRU MAHAVIDYALAYA
(ARTS, COMMERCE & SCIENCE)
SAKKARDARA CHOWK, NAGPUR-461004 • Ph: 07123 2747653, 2747654, 2742308, 2747684
Fax: 07123 2747653 • e-mail: ksmg@rediffmail.com • website: www.kamla nehru college.ac.in

DR. (Smt.) SUNASHINI G. WANJARI President, A/s. ABHILIT G. WANJARI Secretary, DR. DILIP S. BADIWAIK Principal

RM/ _____ Date: 10/12/2021

To,
The Director
RTM, Nagpur University
Nagpur

Subject: M.Sc Semester II (Organic Chemistry) marks of Nikita Rajendra Shahane.

Respected Sir,

Ms. Nikita Rajendra Shahane (Ex-student) has given the M.Sc Sem 2 Organic Chemistry (Paper 2) Examination conducted by Kamla Nehru Mahavidyalaya, Nagpur in an online mode on 5th August 2021. Her mark was not submitted to RTM Nagpur University, Nagpur. Hence, she was marked fail. Kindly note her marks

Name of the student	Roll NO	Marks obtained out of 80
Ms. Nikita Rajendra Shahane	231408	31

Thanking You

[Signature]
PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur



Grievance And Redressal mechanism_A Case study

08th June, 2024
Centre No. 116,
Nagpur.

To
The Director,
Board of Examination and Evaluation
RTM Nagpur University,
Nagpur

Subject: The question paper of MSc Botany Sem IV CB
Core Elective - Molecular Biology and Plant Biotechnology is out of syllabus.

On Behalf of the Examination of MSc Botany of the Centre No. 116, Kamla Nehru Mahavidyalaya, I am writing this letter with extreme concern, stating you that today's paper i.e. Core Elective - Molecular Biology and Plant Biotechnology is out of syllabus.

The question paper we received from the centre is "Core Elective - Molecular Biology and Plant Biotechnology II."

We have expressed our concern to the Chief Supervisor but there wasn't any development.

The following question of the question paper of Core Elective - Molecular Biology and Plant Biotechnology is out of syllabus.

Q1 → Out of syllabus
Q2 → Out of syllabus
Q3 → Out of syllabus
Q4 → Out of syllabus
Q5 → Out of syllabus

Grievance addressed by the Students

AMAR SEWA MANDAL'S
KAMLA NEHRU MAHAVIDYALAYA
(ARTS, COMMERCE & SCIENCE)
SANKARASHA BUDHAR 440-024 • Ph: (0712) 2747853, 2747854, 2747860, 2747861
Fax: (0712) 2747863 • Email: kama@kamlanehru.ac.in • Website: www.kamlanehru.ac.in

DR. (Smt.) SURASINI G. WANJARI President Adv. ABHJIT G. WANJARI Secretary DR. DILIP S. BADWAIK Principal

Date: 8/06/24

To
The Director,
Board of Examination and Evaluation,
RTM Nagpur University,
Nagpur

Subject: Reporting OUT OF SYLLABUS Question Paper of M.Sc. Botany Sem IV CBCS,
Core Elective - Molecular Biology and Plant Biotechnology.
Centre No. 116.

THE examinees appeared today 08/06/2024 for the abovementioned examination at KAMLA NEHRU COLLEGE, NAGPUR, CENTRE NO. 116 have reported that the Core Elective - Molecular Biology and Plant Biotechnology is out of syllabus.

The question paper downloaded using the system on routine basis reflected 'Core Elective - Molecular Biology and Plant Biotechnology - I.'

However, 'Core Elective-Molecular Biology and Plant Biotechnology - II' was received.

On distribution, the examinees have reported that the question paper contained discrepancy, that is 'OUT OF SYLLABUS'.

Discrepancy reported has been received in written from all the examinees present for the examination at the centre and the same is being forwarded to you for resolution of the issue.

Thanking you.

Yours,

Dr. Ms. Mamta Wagh
8/6/24
(DR. MS. MAMTA WAGH)
Chief Supervisor
CENTRE NO. 116, KAMLA NEHRU MAHAVIDYALAYA
Nagpur.
Centre No. 116

*Office of the Director
BOEE, RTMNU.*

Action taken by the Examination in charge followed by Hol

राष्ट्रसंत तुकडोजी महाराज
नागपूर विद्यापीठ

RASHTRASANT
TUKADOJI MAHARAJ
NAGPUR UNIVERSITY

(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994)

सामान्य परीक्षा विभाग) (Office of the General Examinations
Pariksha Bhawan, L.I.T. Premises, Amravati Road, Nagpur- 440 033

Fax No. (0712) 2531244 Tel. No. (0) (0712) 2531244

क्र-यतुमनावि/सा.प./२०२४/१०१७ दिनांक: ०८ जुलै, २०२४

परिपत्रक

सर्व संबंधित विद्यार्थी/प्राचार्य यांना सूचित करण्यात येते की, उन्हाळी २०२४ M.Sc. 4th Sem (Botany) परीक्षेमध्ये दिनांक ०८-०६-२०२४ रोजी झालेली Molecular Biology and Plant Bio-Technology या विषयाची परीक्षा रद्द करण्यात आली असून सदर विषयाची पुनर्परीक्षा ही दिनांक ०८-०७-२०२४ रोजी अण्णासाहेब गुंडेवार महाविद्यालय, काटोल रोड, नागपूर या परीक्षा केंद्रावर होईल. (केंद्र क्रमांक ०८)

Time :- 9.30 A.M. To 12.30 P.M.

अ. क्र.	संबंधित नांव	विषय	पुनर्निर्धारित तारीख	पुनर्निर्धारित वेळ
1	2	3	4	5
1	M.Sc. 4 th Sem (Botany) Summer 2024	Molecular Biology and Plant Bio-Technology	08-07-2024	9.30 A.M. To 12.30 P.M.

Dr. Ms. Mamta Wagh
8/6/24
(DR. MS. MAMTA WAGH)
Chief Supervisor
CENTRE NO. 116, KAMLA NEHRU MAHAVIDYALAYA
Nagpur.
Centre No. 116

*Office of the Director
BOEE, RTMNU.*

Redressed



2.6.1 Program Outcome, Program Specific Outcome, Course Outcome for all programmes offered by the Institution are stated and displayed on the website

UG

B.Sc

B.A

B.Com

BBA

BCA

BCCA

1
5

B.Voc (RM)

B.Sc
(Data
Science)

B.Tech
(Cosmetic
Technology)

B.Voc (SD)

B.Voc (CE)

PG

M.Sc
(Chemistry)

M.Sc
(Physics)

M.Sc
(Maths)

M.Sc
(Electronics)

M.Sc
(Computer
Science)

M.Sc
(Botany)

M.Sc
(Biochemistry)

M.Sc
(Botany)

M.Sc
(Environmental
science)

2
6

M.Sc
(Zoology)

M.Sc
(Biotechnology)

M.Sc
(Microbiology)

M.Tech
(Cosmetic
Tech)

MBA

MCA

MCM

M.A
Sociology)

M.A
Marathi

M.A
English

M.A History

M.A
Economics

M.A Home-
Economics

M.A (Political
Science)

M.Lib



2.6.1 Programme Outcome, Program Specific Outcome, Course Outcome for all programmes offered by the Institution are stated and displayed on the website

PSO Broad Statement

- Define the knowledge, skills, and abilities students are expected to acquire by the time they complete a particular program.
- Our college ensures that the POs for each program offered by the university are clearly stated and prominently displayed on our website.
- These outcomes are designed in alignment with relevant accreditation bodies, industry requirements, and societal needs.
- POs serve as a guiding framework for the curriculum design, pedagogy, and assessment strategies of the programs offered by the University



2.6.1 Programme Outcome, Program Specific Outcome, Course Outcome for all programmes offered by the Institution are stated and displayed on the website

COs Specific Statement

- Describe the knowledge, skills, and abilities that students are expected to acquire from each individual course within a program.
- KNM (Kamla Nehru Mahavidyalaya) ensures that the COs for each course offered as part of its programs are clearly stated and made available on its website.
- These outcomes are designed to be in line with the corresponding POs, providing a clear understanding of the learning objectives of each course.
- COs are followed by the faculty responsible for teaching the course, in consultation with relevant stakeholders of the university.
 - They are designed to be measurable, observable, and achievable, and are aligned with the overall learning outcomes of the program.
 - COs serve as the basis for designing the curriculum, developing teaching materials, and designing assessments for each course



2.6.1 Program Outcome, Program Specific Outcome, Course Outcome for all programmes offered by the Institution are stated and displayed on the website

https://www.kamlanehrucollege.ac.in/uploaded_files/POS & COS Combine.pdf

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
Affiliated to RTM Nagpur University, Nagpur, Recognized by State Government
Re-accredited by NAAC with (A+) grade (CGPA 3.53)

Home About Us Academic Courses Admission Faculty Details Departments Facility Students Activities Research Adv. Comm. RTI NAAC
Recruitment Alumni Contact Feedback IQAC Anti Ragging Cell

NAAC List

CRITERION-1
CRITERION-2
CRITERION-3
CRITERION-4

CRITERION-2

2.1.1 Enrolment percentage

2.1.2 Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, etc. as per applicable reservation policy) during the last five years

2.2.1 Student - Full time Teacher Ratio (Data for the latest completed academic year)

CRITERION-5
CRITERION-6
CRITERION-7
EXTENDED_PROFILE

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years

2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated

Programme Outcomes (POs) and Course Outcomes (COs)

2.6.2 Attainment of POs and COs are evaluated.

2.6.3 Pass percentage of Students during last five years



2.6.1 Program Outcome, Program Specific Outcome, Course Outcome for all programmes offered by the Institution are stated and displayed on the website

POs And COs are displayed in all the Departments

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Recognized by State Government
Re-accredited by NAAC with (A) grade (COPR 3.52)

DEPARTMENT OF COSMETIC TECHNOLOGY

M.Sc. Cosmetic Technology Semester III
Name of Subject: **Perfumes & Colours in Cosmetics**

Course Outcomes (CO)	List of Experiments	CO
CO1 This subject aims to study all sort of perfume, its matching and creation, with detail study of colors, classification of colours and its incorporation in various cosmetic formulations.	1. To formulate and develop perfume blends by using various herbs.	CO1
CO2 Preparation of cosmetic products using appropriate perfumes.	2. To formulate and develop different cosmetic products with incorporation of appropriate perfumes.	CO2
CO3 Preparation of color solutions.	3. To prepare Water and Oil soluble colour & blends.	CO3
CO4 Extraction from various sources and incorporation of natural colour, perfume and pigments in cosmetics products (like creams, liquids, oils, Powders).	4. To extract natural colour, perfume and pigments from various sources.	CO4
CO5 Evaluation of colors as ingredient and products.	5. To evaluate Water and Oil soluble colours by colorimeter and to evaluate organoleptic and physico-chemical properties of different cosmetics products.	CO5
CO6 Toxicity testing of cosmetic products.	6. To carry out patch testing for Cosmetic products.	CO6

Bachelor of Cosmetic Technology- Semester VIII
Name of Subject: **Cosmetic Technology**

Course Outcomes (CO)	List of Experiments	CO
CO1 Students will be able to understand the cosmetic formulations with respect to their applications.	1. To prepare various cosmetic products like creams, shampoos, gels and lotions and to study its applications.	CO1
CO2 To select new cosmetic ingredients in the formulation as per its functions and design of cosmetic product.	2. To prepare cosmetic products by using new functional active materials.	CO2
CO3 Students will be able to analyse innovative cosmetic formulations.	3. To formulate and study various cosmetic products and its analysis.	CO3
CO4 Determine the new functional and novel cosmetic products.	4. To formulate and develop novel cosmetic products like Shaving preparations, foot preparations, sunscreen preparations etc.	CO4
CO5 Select suitable packaging materials and design label of cosmetic product.	5. To design suitable innovative packaging and labelling as per BIS guidelines for cosmetic products for submission.	CO5

PROGRAMME OUTCOMES

BACHELOR OF COSMETIC TECHNOLOGY (UG) PO

- Students can apply for the vacancies in Sales, Marketing, Research and Development, Production and Quality Control, Beauty experts as well as in Administration and Management of Cosmetic Industries.
- Graduates of the Cosmetic Technology have high demand in various cosmetic and pharmaceutical companies in India and abroad.
- One can also start-up with the own formulation setup / Spa centre/Beauty Salon/ Cosmetic industry/ Perfume industry/ Colour industry/ Extraction industry etc.
- It gives technical, entrepreneurial and communication skills to the students.
- Students can apply for higher education in the fields of MCT, M.B.A., G.R.E. etc.

M. SC. COSMETIC TECHNOLOGY (PG) PO

- The Programme provides in-depth knowledge related to cosmetic field like Dermatology, Formulation and Development, Principles of Cosmeceuticals, Herbal Technology and regulatory issues related to Cosmetics.
- Students are able to work as Professor, Research & Development Executive, Brand Manager (Cosmetic Products/Raw materials), Quality Control Analyst, Assistant Supervisor (Cosmetic Laboratory), Beauty Advisor, Business Development Manager (Cosmetic) etc.
- One can also start-up with the own formulation setup / Spa centre /Beauty Salon/ Cosmetic industry/ Perfume industry/ Colour industry/ Extraction industry / Contract manufacturing industries etc.
- Students can have career opportunities in field of Cosmetic Technology, Private and Government sector, colleges and universities.

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Recognized by State Government
Re-accredited by NAAC with (A) grade (COPR 3.52)

DEPARTMENT OF MATHEMATICS

Programme: Bachelor of Science
SUBJECT: MATHEMATICS

Class: B. Sc. Semester -I
SUBJECT: MATHEMATICS
Paper-I: ELEMENTARY MATHEMATICS

CO1	Apply De Moivre's theorem, Euler's formula, and nth roots of unity to solve problems involving complex numbers and polynomial equations.	CO1
CO2	Analyze matrices for rank, perform row-reductions, and apply the Cayley-Hamilton theorem to solve systems of linear equations.	CO2
CO3	Understand and solve different types of algebraic equations using Horner's method, transformation of equations, and solutions of cubic and bi-quadratic equations (Cardan's, Ferrari's, and Descartes' methods).	CO3
CO4	Demonstrate understanding of elementary number theory, including algorithms (division, Euclidean), the Chinese Remainder Theorem, and the Diophantine equation, with applications in congruence and arithmetic.	CO4

Class: B. Sc. Semester -II
SUBJECT: MATHEMATICS
Paper-I: GEOMETRY, DIFFERENTIAL & DIFFERENCE EQUATIONS

CO1	Understand and solve geometrical problems involving spheres, planes, cylinders, and their intersections in 3D space.	CO1
CO2	Solve first-order differential equations using methods such as exact equations, integrating factors, and analyze orthogonal trajectories.	CO2
CO3	Solve second-order linear differential equations with constant coefficients using methods such as undetermined coefficients and variation of parameters.	CO3
CO4	Understand and solve difference equations, both homogeneous and non-homogeneous, and analyze their role in modeling discrete-time systems.	CO4

Class: B. Sc. Semester -I
SUBJECT: MATHEMATICS
Paper-II: DIFFERENTIAL AND INTEGRAL CALCULUS

CO1	Use Leibnitz's rule, Maclaurin's, and Taylor's theorems to expand functions and solve limits involving indeterminate forms.	CO1
CO2	Analyze functions of two variables using limits, continuity, partial derivatives, and identify asymptotes and envelopes in geometrical contexts.	CO2
CO3	Apply Jacobian techniques, Taylor's expansion in two variables, and solve constrained optimization problems using Lagrange's multipliers.	CO3
CO4	Evaluate integrals of various types (rational, trigonometric, irrational functions) using reduction formulas and advanced integration techniques.	CO4

Class: B. Sc. Semester -II
SUBJECT: MATHEMATICS
Paper-II: VECTOR ANALYSIS

CO1	Understand and compute vector differentiation, gradient, divergence, curl, and their geometrical interpretations.	CO1
CO2	Evaluate double and triple integrals, perform change of variables, and apply these to compute areas and volumes in different coordinate systems.	CO2
CO3	Apply knowledge of Beta and Gamma functions and their transformations in evaluating complex integrals.	CO3
CO4	Compute line, surface, and volume integrals using vector fields and apply Green's, Gauss's, and Stokes' theorems in physical and mathematical contexts.	CO4

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Recognized by State Government
Re-accredited by NAAC with (A) grade (COPR 3.52)

DEPARTMENT OF CHEMISTRY

B.Sc. SEMESTER - I

PAPER-1 (INORGANIC CHEMISTRY)

CO1	Identify acidic and basic radicals in simple inorganic salts.	CO1
CO2	Apply simple physical and chemical techniques to detect adulterants in food items.	CO2

List of Experiments:

1. To detect the presence of iron, coal tar, catechu in tea leaves.	CO1
2. To detect the presence of brick powder & Rhodamine B in chili powder	CO2
3. To detect Urine and sugar in milk.	CO2
4. To detect yellow lead salt and chalk powder in Turmeric	CO2
5. Qualitative analysis of Salt mixture containing two acidic and two basic radicals	CO1

PAPER-2 (PHYSICAL CHEMISTRY)

CO1	Conduct laboratory experiments to determine the heat of solution for various solutes.	CO1
CO2	Analyze and calculate surface tension using experimental data and standard formulas.	CO2
CO3	Analyze and calculate viscosity using experimental data and standard formulas.	CO3
CO4	Perform experiments to calculate the refractive index of solids or liquids using instruments like a Abbe's refractometer.	CO4

List of Experiments:

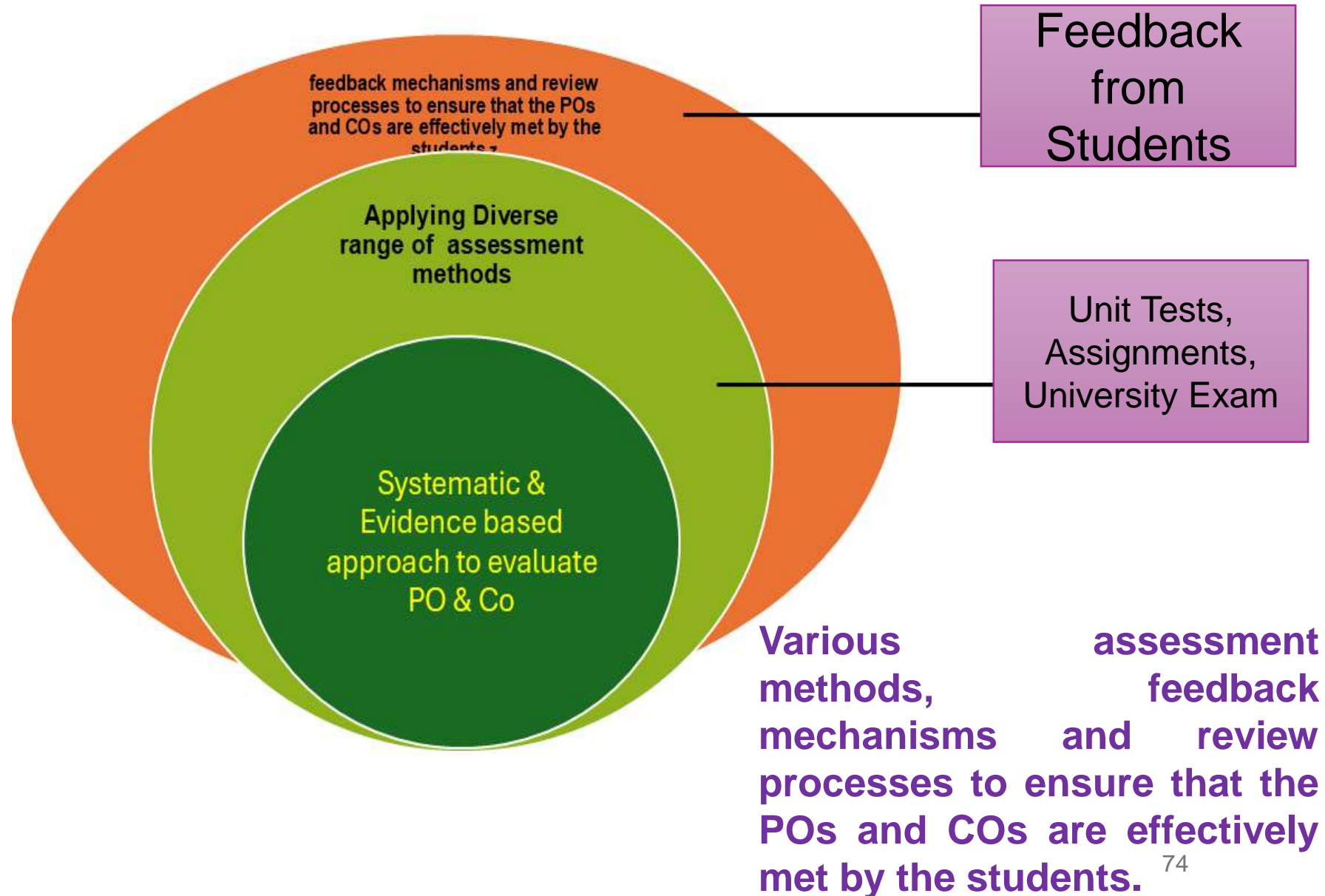
1. Determination of heat of Solution of Potassium Nitrate calorimetrically	CO1
2. Determination of heat of solution of Acetic acid calorimetrically	CO1
3. Determination of Integral heat of solution of salt at two different concentration and hence determine integral heat of dilution	CO1
4. Determination of Viscosity coefficient of unknown liquid by Ostwald Viscometer	CO3
5. Determination of surface Tension of liquid by drop number method	CO2
6. To compare Cleaning power of two samples of detergents	CO2
7. To determine refractometrically specific refraction and molar refraction of given liquid	CO4

3



2.6.1 Attainment of Program outcomes and Course outcomes are evaluated by the Institution

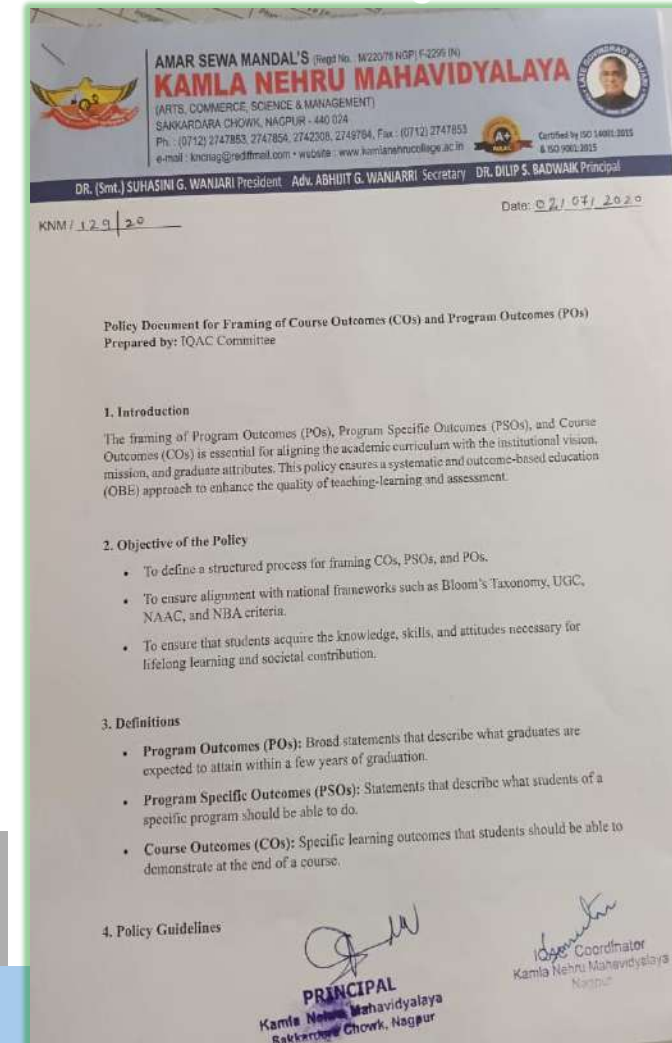
- Systematic and evidence-based approach to evaluate the attainment of Program Outcomes (POs) and Course Outcomes (COs).
- Assessment Methods are within a diverse range
- These assessments are conducted at regular intervals during the course of the Program to track the progress of the students and evaluate their learning outcomes
- Internal evaluation marks that are aligned with the COs and POs and include examinations, assignments, projects, practical sessions, internships, presentations, etc.





2.6.2 Attainment of POs and COs_PROCESS

Policy Document of CO/PO Framing



POS & COS ARE FRAMED

POS & COS ARE DISPLAYED ON
W INDUCTION PROGRAMS

TEACHING PLANS ARE CONSTRUCTED ACCORDINGLY

MAPPING COS WITH POS

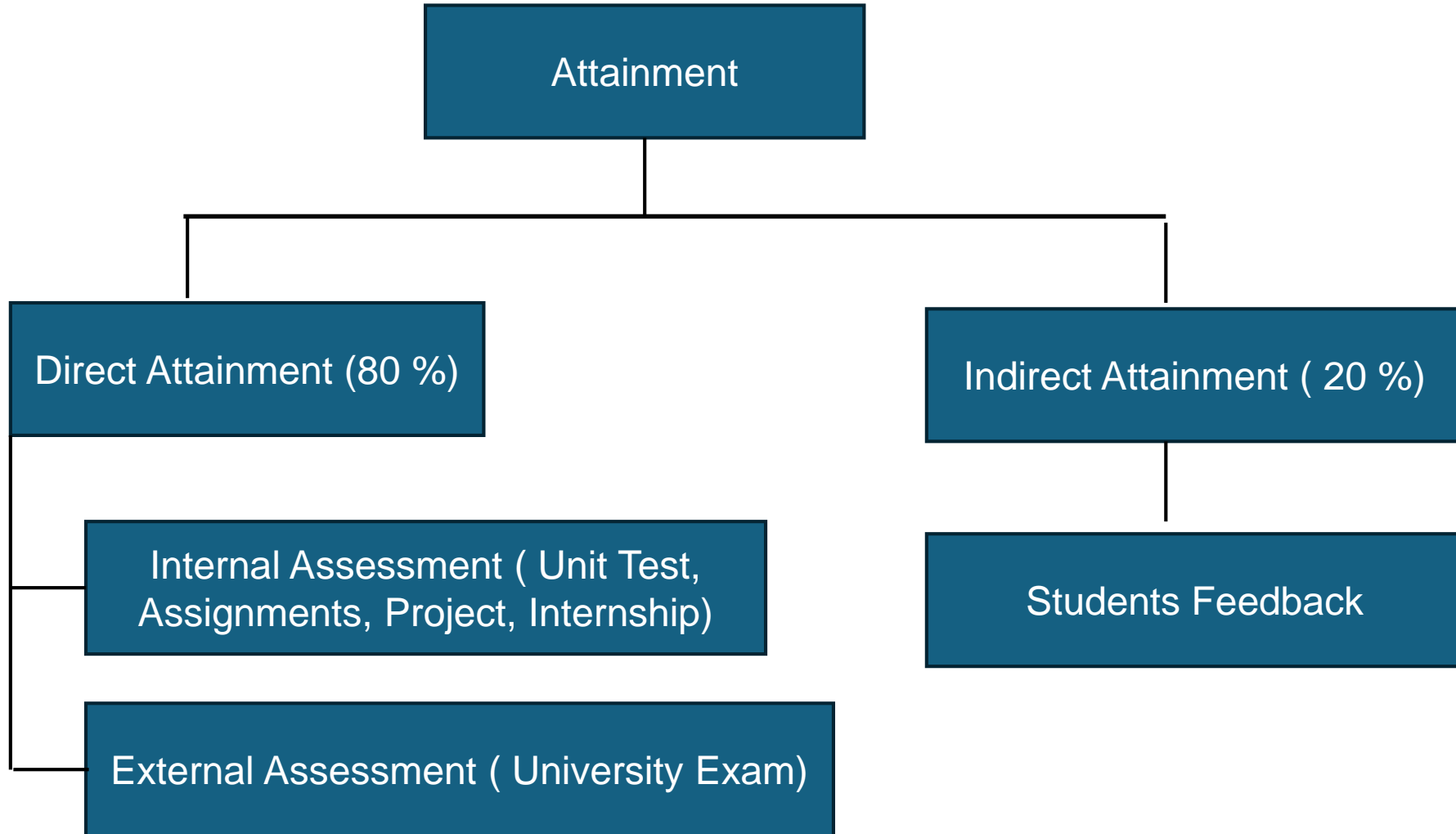
ALLOCATING THE PARTICULAR WEIGHT FOR CO

EVALUATING THE STUDENTS THROUGH VARIOUS
ASSESSMENT

CALCULATING COS & POS ATTAINMENT



2.6.2 Attainment of POs and Cos





Mapping of COs and POs/ PSO

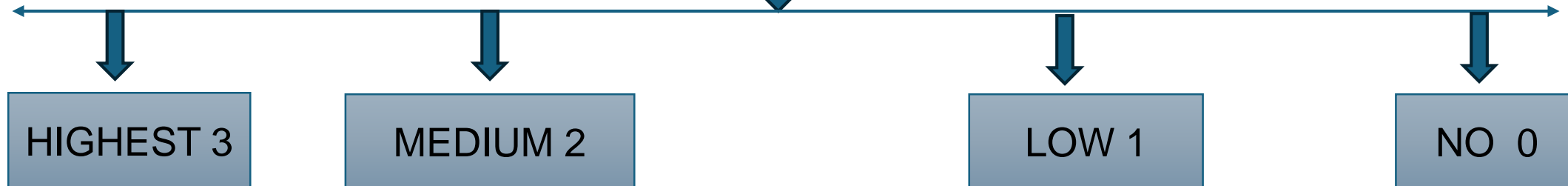
WRITING THE COS IN ACCORDANCE WITH THE UNITS / CHAPTERS



WRITING THE PSOS WHICH ARE THE BROADER STATEMENTS



MAPPING THE POS. PSOS WITH EACH COS (DEFINE, MEET AND WRITING THE STRENGTH OF THE INDIRECT ASSESSMENT FROM LEVEL 0 TO 3



AVERAGE VALUE IS FOUND



2.6.2 Attainment of POs and COs

Rubrics for CO1, CO2, CO3 & CO4 Attainment

For Internal Assessment/ Evaluation and for individual COs (CO1, CO2, CO3 & CO4),
If the Student is getting $\geq 40\%$ then the student has attained, otherwise not attained.

THE SAME RULE IS APPLIED FOR EXTERNAL ASSESMENT/EVALUATION

To calculate the attainment level, out of the internal and External Assessment, if the student is attaining 4/5 or 5/5 then attainment level is 3(max). If it is 3/5 then attainment level is 2, If it is 2/5 then it is 1, If it is 1/5 then it is 0

Indirect Attainment is calculated by the feedback given by the students, and the average value is found.



Operating Procedure for COs Attainment and POs Attainment

If ≥ 70 %_Students are attaining, then Level is 3



If ≥ 65 % Students are attaining, then Level is 2.5



If ≥ 60 % Students are attaining, then Level is 2



If ≥ 55 % Students are attaining, then Level is 1.5



If ≥ 50 % Students are attaining, then Level is 1



Calculation for COs attainment

Direct CO Attainment = 20 % of Average Internal attainment + 80 % of Average External attainment



Total CO Attainment = 80 % of Direct CO attainment + 20 % of Indirect CO attainment



The above process is repeated for all COs



2.6.2 Attainment of COs are Evaluated

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR				
Department of Computer Science				
Final CO Attainment of BCA (Data Communication & Network-II)				
Session 2021-22				
Attainment	CO1	CO2	CO3	CO4
Direct Attainment (A)	3.00	3.00	3.00	3.00
Indirect Attainment (B)	1.93	2.11	1.94	2.24
Overall CO Attainment (80% A +20% B)	2.79	2.82	2.79	2.85



2.6.2 Attainment of COs are Evaluated

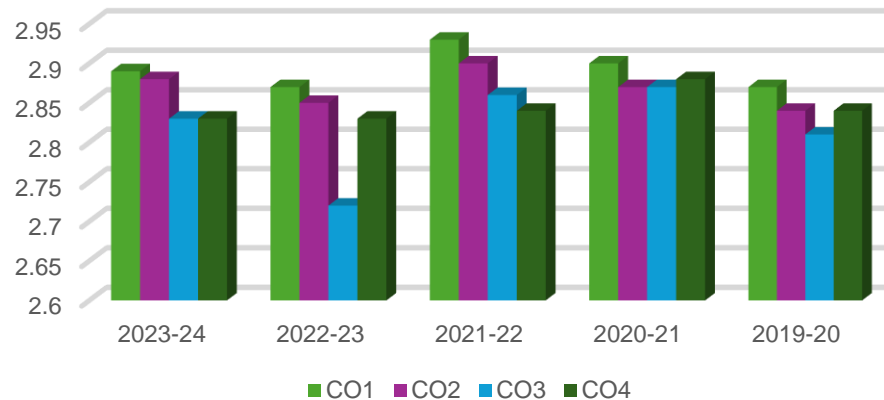
Department of Environmental Science

CO Attainment of Water Pollution Monitoring & Management (Paper-1)

Session 2019-24

Session	CO1	CO2	CO3	CO4
2023-24	2.89	2.88	2.83	2.83
2022-23	2.87	2.85	2.72	2.83
2021-22	2.93	2.90	2.86	2.84
2020-21	2.90	2.87	2.87	2.88
2019-20	2.87	2.84	2.81	2.84

Comparison of CO Attainment of
Environmental Science Paper-1 for the Last
5 years





2.6.2 Attainment of POs are Evaluated

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

B.Tech Cosmetic Technology


Final PO Attainment

Session 2019-24

Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
2023-24	2.908333	2.908333	2.908333	2.908333	2.908333	2.911667	2.908333	2.911667
2022-23	2.908333	2.908333	2.908333	2.908333	2.908333	2.911667	2.908333	2.911667
2021-22	2.908333	2.908333	2.908333	2.908333	2.908333	2.911667	2.908333	2.911667
2020-21	2.921667	2.921667	2.921667	2.921667	2.921667	2.921667	2.921667	2.921667
2019-20	2.913333	2.913333	2.913333	2.913333	2.913333	2.915	2.913333	2.915

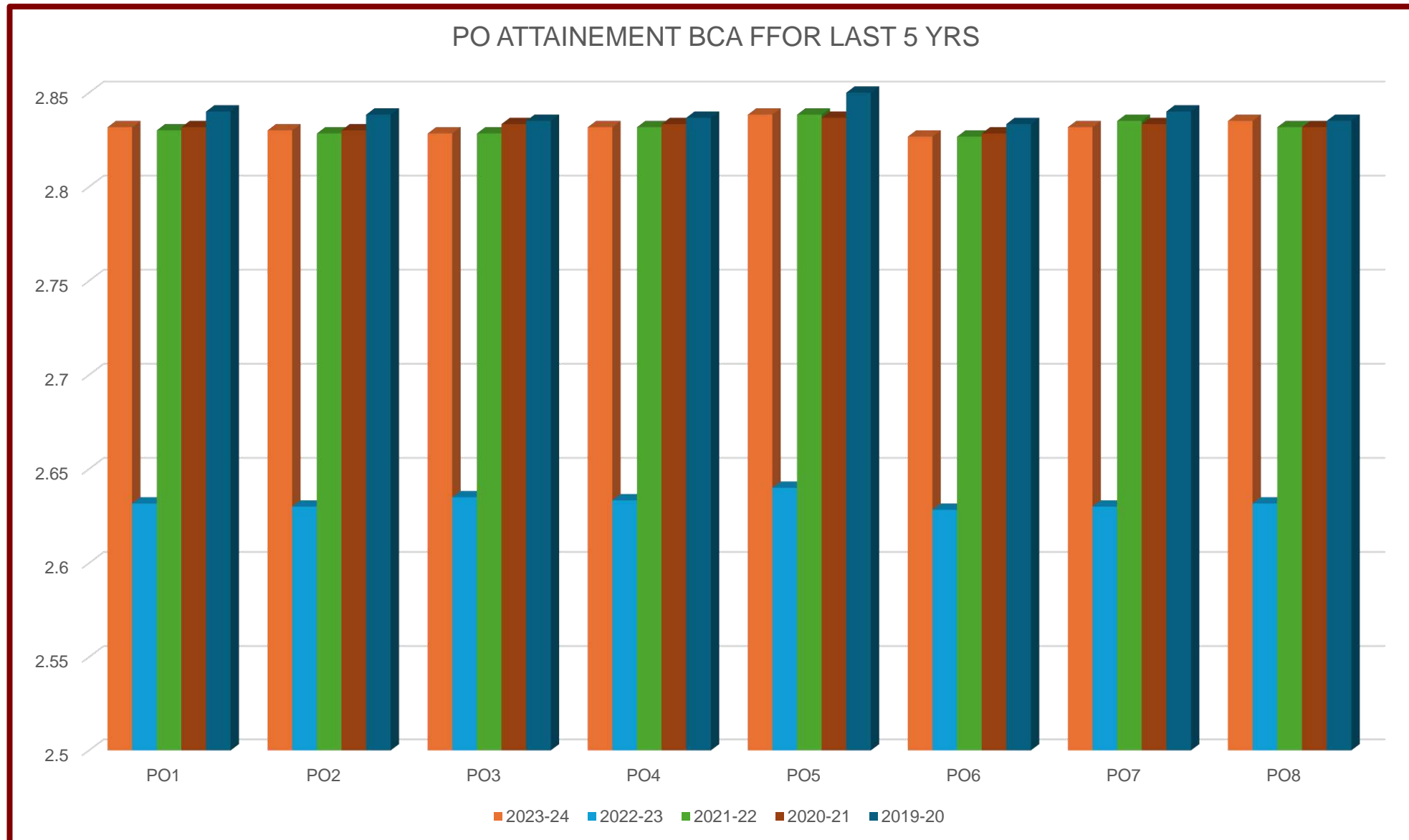


Calculation for COs attainment_ A Sample

<div> KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR</div>									
CO-PO ATTAINMENT ANALYSIS									
TEACHER NAME				COURSE				SESSION	
Prof.Swapnali G. Kadao				Data Communication and Network-II Paper-6				Summer	2021-22
•									
CO ATTAINMENT									
				20%	80%	80%	20%		
COURSE OUTCOME	TEST / ASSIGNMENT / PROJECT / QJT / INTERVIEW ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.93	2.79
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.11	2.82
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	1.94	2.79
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.24	2.85
PO ATTAINMENT									
CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.79	3	1	2	1	0	3	2	2
CO2	2.82	3	3	2	2	0	1	2	0
CO3	2.79	2	2	3	3	1	0	1	0
CO4	2.85	3	1	1	3	3	2	3	2
		30.94	19.67	22.42	25.33	11.33	16.87	22.55	11.27
TOTAL WEIGHT		11	7	8	9	4	6	8	4
ATTAINMENT OF POs		2.81	2.81	2.80	2.81	2.83	2.81	2.82	2.82



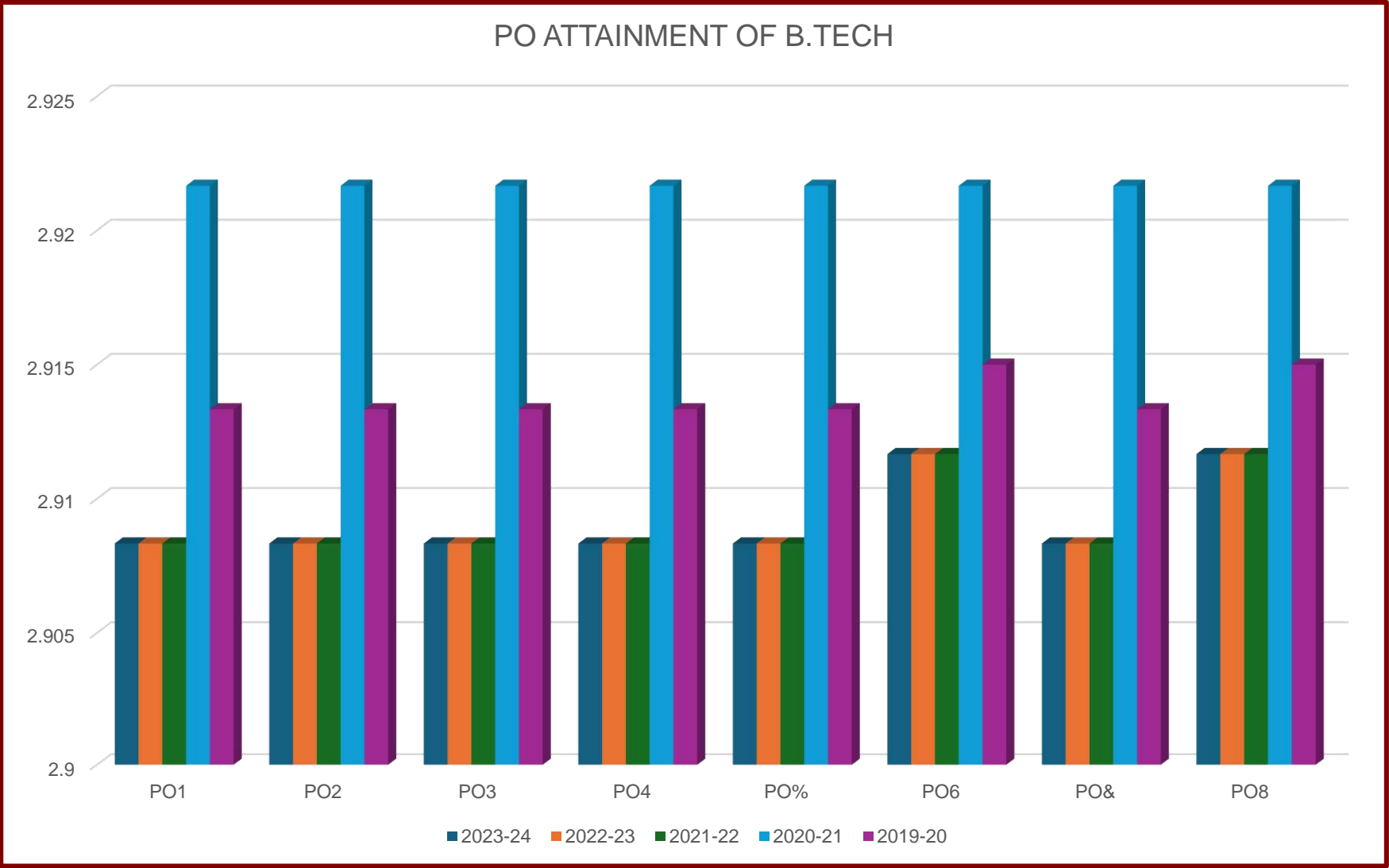
PO ATTAINMENT OF BCA



https://www.kamlanehrucollege.ac.in/NAAC/co_po_compressed.pdf

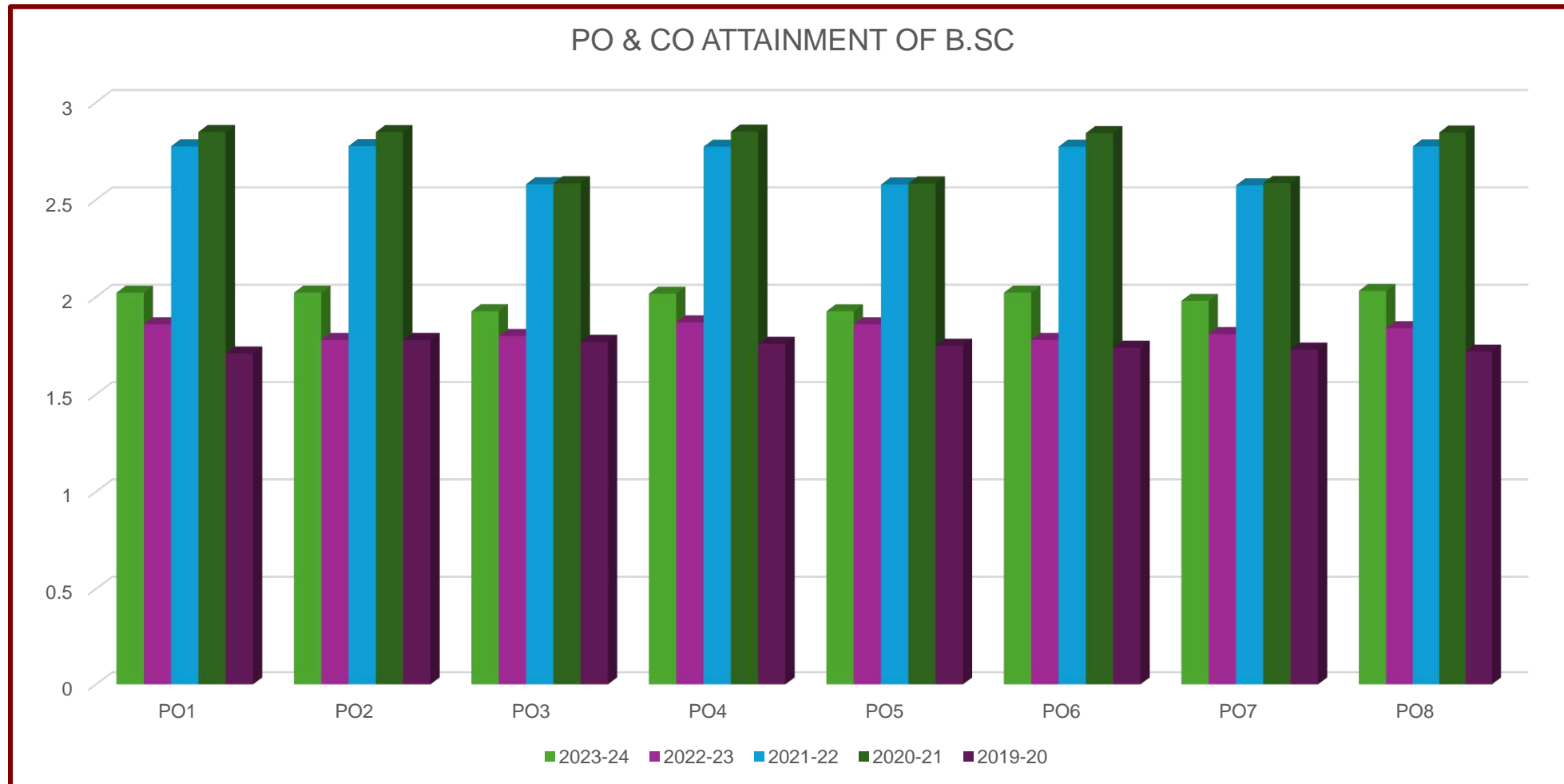


PO ATTAINMENT OF B.TECH



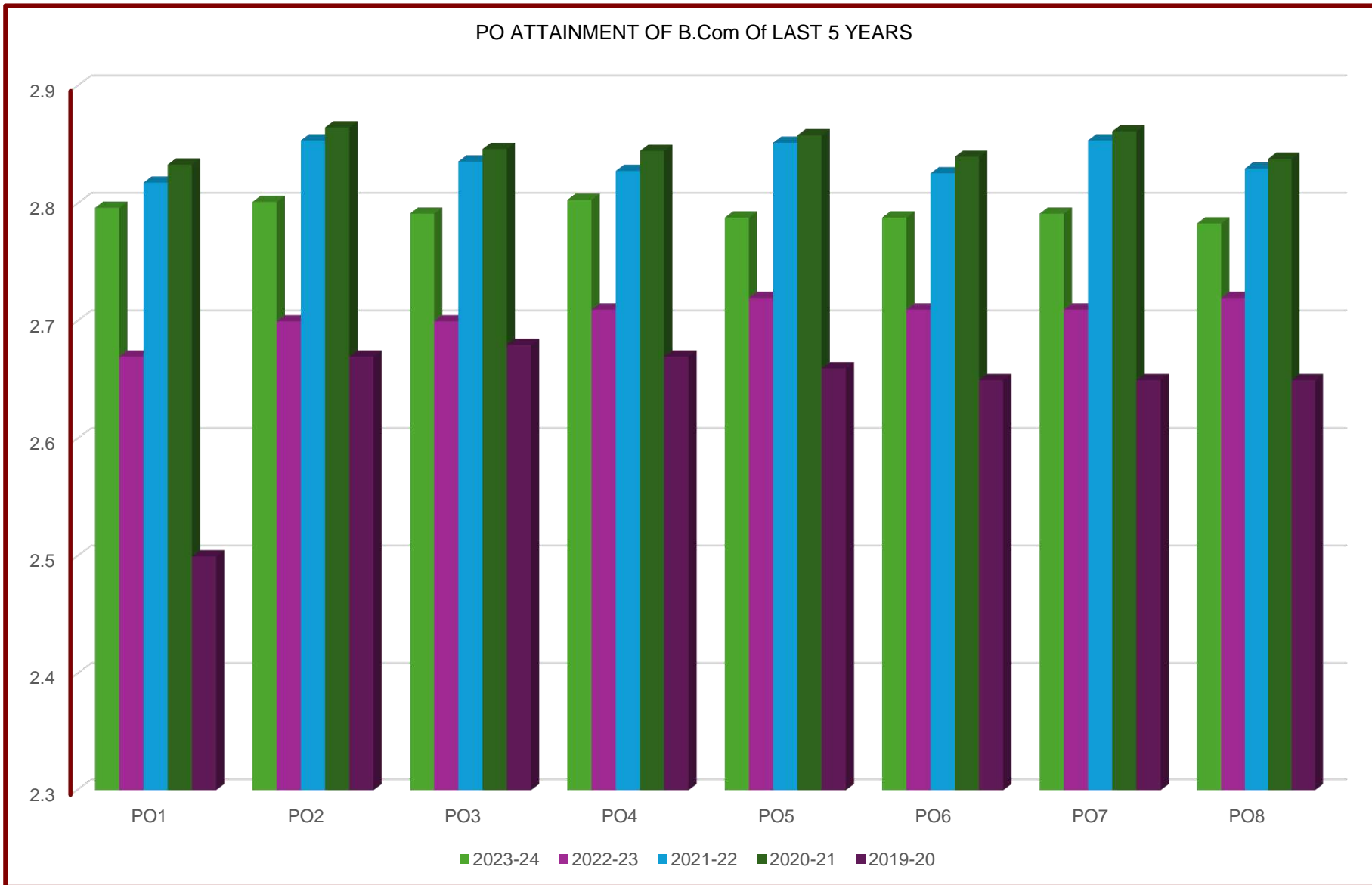


PO ATTAINMENT OF B.Sc





PO ATTAINMENT OF B.Com





NO OF STUDENTS ATTANING DIFFERENT LEVELS FOR B.TECH

Session	Total No of Students	Paper	Level-3	Level-2	Level-1	Level-0
2023-24	27	Perfume & Colors	26	01	00	00
		Cosmetic Tech	26	01	00	00
		Plant Design	26	1	0	0
		Quality Assurance Technique	26	1	0	0
		Herbal Cosmetics	27	0	0	0
		Organization & Management	27	0	0	0

Session	Total No of Students	Paper	Level-3	Level-2	Level-1	Level-0
2021-22	44	Perfume & Colours	44	0	0	0
		Cosmetic Tech	43	1	0	0
		Plant Design	44	0	0	0
		Quality Assurance Technique	44	0	0	0
		Herbal Cosmetics	44	0	0	0
		Organization & Management	44	0	0	0

Session	Total No of Students	Paper	Level-3	Level-2	Level-1	Level-0
2022-23	39	Perfume & Colors	39	00	00	00
		Cosmetic Tech	38	01	00	00
		Plant Design	39	0	0	0
		Quality Assurance Technique	38	1	0	0
		Herbal Cosmetics	39	0	0	0
		Organization & Management	39	0	0	0

Session	Total No of Students	Paper	Level-3	Level-2	Level-1	Level-0
2020-21	30	Perfume & Colors	30	0	0	0
		Cosmetic Tech	29	1	0	0
		Plant Design	30	0	0	0
		Quality Assurance Technique	30	0	0	0
		Herbal Cosmetics	30	0	0	0
		Organization & Management	30	0	0	0

Session	Total No of Students	Paper	Level-3	Level-2	Level-1	Level-0
2019-20	25	Perfume & Colors	25	0	0	0
		Cosmetic Tech	24	1	0	0
		Plant Design	25	0	0	0
		Quality Assurance Technique	25	0	0	0
		Herbal Cosmetics	25	0	0	0
		Organization & Management	25	0	0	0

TOTAL = 165

Level 3 = 163 = 98 %

Level 2 = 2



**THANK
YOU**