



# PROGRESSION OF SLOW & ADVANCE LEARNERS

# PROGRESSION OF SLOW LEARNERS TO MEDIUM LEARNER

# DEPARTMENT OF ZOOLOGY

## Ms. Ashwini Nichant

Student of B.Sc. first semester in session 2021-22. She was a slow learner with **39% marks in B.Sc.** 3<sup>rd</sup> semester. She attended the remedial classes arranged for the slow learners in the department and get benefited in 4<sup>th</sup> semester with **52% marks and in 5th semester 53% marks.**

**From slow learner she became an average learner.**

BSC SEM III 39%

REMEDIAL CLASSES

BSC SEM IV 52%

BSC SEM V 53%

# DEPARTMENT OF MICROBIOLOGY

## Ms. Divya Jani

She was a student of B.Sc SEM I in session 23-24. She was identified as slow learner after university result. She was fail in Microbiology paper and got **39 marks out of 120 marks (32 %)**. We arranged remedial classes for such slow learner students, also provided study material and regular tests were conducted. With this we found remarkable progress in her sem II examination. **She got 63 marks out of 120 marks. (52 %).**

From **slow level towards medium level.**

BSC SEM I 39/120

REMEDIAL CLASSES

BSC SEM III 63/120

# DEPARTMENT OF BIOTECHNOLOGY

## Ms. Sejal Jaiswal

She was a student of B.Sc. Semester I in session 2021-22. She was identified as slow learner after university result. She failed in Biotechnology Paper II and got 48 marks out of 120 **(40%)**. Following remedial classes after the regular time table for such slow learner students and also study materials and notes, she was also put through regular tests. Remarkable progress was noticed in her Semester II examination where she got 76 marks out of 120. **(63%)**. She thus moved from slow to medium level.

Similar protocol was followed and in semester IV examination she scored **84 marks out of 120 (70%)**.

In sixth semester she scored **90 marks out of 120 (75%)**.

BSC SEM I FAILED

BSC SEM II 48/120

BSC SEM II 76/120

BSC SEM IV 84/120

BSC SEM VI 90/120

**PROGRESSION OF LEARNERS  
MEDIUM TO ADVANCE LEARNERS**

# DEPARTMENT OF BOTANY

## 1. Shubham Baghele

- An average student in the first year of graduation and fighting with depression.
- Proper counselling was done, extra classes were conducted helping him to enhance his concentration.
- Meditation and regular exercise was additionally suggested.
- Hike in his percentage was seen in the second year of graduation from **49% to 67.33 %** in the final year.

## 2. Suyog Somkuwar

- A bright student but preparing simultaneously for competitive examination and failing in scores.
- Drastic decrease to **52%** in the second year under this mismanagement of his routine.
- Mentored by teachers for a proper schedule of studies and his honesty combined with hardworking he secured **77.33% in** his final year and also decided to go for higher studies.

SHUBHAM BAGHELE

49% to 67.33 %

SUYOG SOMKUWAR

52% TO 77.33%

PROGRESSION OF ADVANCE LEARNERS  
TO MORE ADVANCED LEVEL

# DEPARTMENT OF CHEMISTRY

Vibha and Rani are bright and capable students who have always shown good academic performance. However, at the beginning of the academic year, both of them were very shy and lacked self-confidence. They were hesitant to speak in front of others or participate in extracurricular activities.

To help them overcome their shyness and build their confidence, we MENTORED AND ENCOURAGED them to participate in various intercollegiate events. Vibha PARTICIPATED in a quiz competition, where she performed well and secured the **3rd prize. Similarly, Rani participated in a seminar competition and also achieved the 3rd prize.**

These experiences played a significant role in boosting their confidence and improving their communication skills. As a result, both Vibha and Rani have shown remarkable personal growth. They now actively participate in various college programmes and events on their own initiative.



# DEPARTMENT OF CHEMISTRY

## Sujal Chaudhari

- A hardworking and sincere student from an economically weaker background.
- To support his family, Sujal works by selling vegetables, which made it difficult for him to attend regular college classes.
- Considering his situation, we provided Sujal with additional academic support.
- Special extra classes were arranged according to his availability, mostly in the evenings or free hours.
- Sujal showed remarkable dedication during these sessions and made the best use of the resources provided.
- As a result, his academic performance increased notably from **67.% in Ist Sem to 82% in Vth Sem** reflecting his hard work and commitment to learning.
- Sujal is an inspiration to many, and we are proud to support such a dedicated student in his educational journey.

BSC. SEM I 67%

REMEDIAL CLASSES

EXTRA CLASSES

BSC. SEM V 82%

# DEPARTMENT OF MICROBIOLOGY

## Gayatri Pimple

- Identified as **Advance level learner** in every semester of B.Sc.
- She was admitted in M.Sc. Microbiology in session 2023-24.
- But due to stage fear, cannot give seminar presentation properly initially.
- She was mentored by teachers helping to boost her confidence level.
- She actively participated in 11<sup>th</sup> Science Expo and Innovation Festival organized from 19<sup>th</sup> to 23<sup>rd</sup> December 2023 at Raman Science Centre and Planetarium, Nagpur and represented the institution on a larger platform.

PERSONAL GROOMING

CONFIDENCE BUILDING

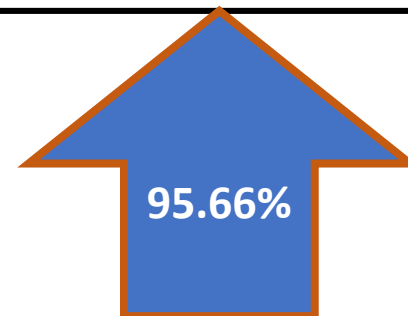
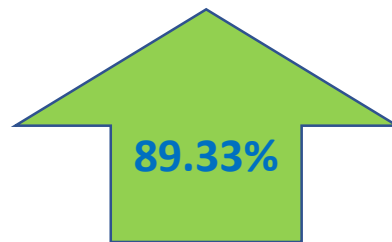
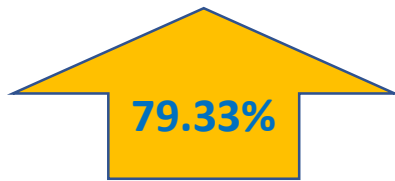
REMOVAL OF STAGE FEAR

# DEPARTMENT OF BOTANY

## Transition from Advance Learners to More Advanced learners

### Mr. Vipul Marbate

- A very sincere and obedient student from the very beginning with a score of **79.33%** in the First year.
- Required proper direction and guidance on answering the questions in appropriate format.
- Teachers provided him with extra question papers, shared the strategy along with time management.
- These constant efforts throughout the session paved a way of success as he secured **89.33 %** in the Second Year. Having achieved perfection in all this, he further secured **95.66%** in the Final Year.
- It also enhanced his personality and gained confidence and participated in various competitions actively.

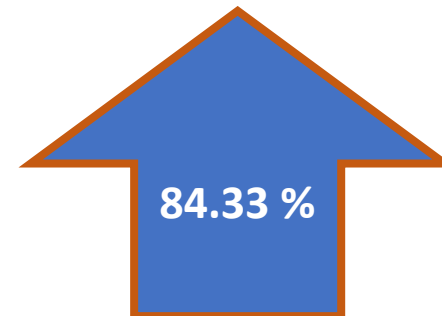
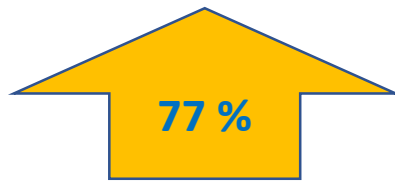


# DEPARTMENT OF BOTANY

## Transition from Advance Learners to More Advanced learners

### Mr. Chaitanya Khandale

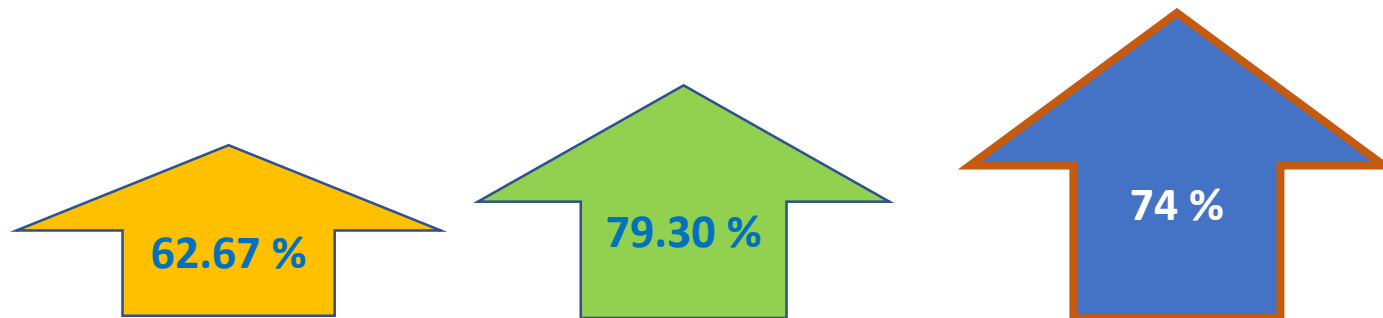
- A very good student at academics but had to look after his mother suffering from severe health issues.
- Being an elder son, he had lots of responsibilities and couldn't find time for studies.
- He was guided with a fixed routine and scheduled his priorities accordingly.
- Extra notes, online videos, previous years exam papers were made available to him.
- His response was positive resulting in an enhanced academic performance from **77% in the first year followed by 83% and 84.33%** in the second and final year respectively.



# DEPARTMENT OF BOTANY

## **Pratik Meshram:**

- An average student of B.Sc. 1<sup>st</sup> sem with 62.67% in session 2022-23.
- Faculty members guided him and monitored his progress in a timely manner.
- He secured 79.3% in 4<sup>th</sup> sem and 74% in 5<sup>th</sup> sem.
- Also he was mentored for personality enhancement.
- He now participates in most of the activities viz. seminar, workshop and quiz competitions and earns recognitions.



## Ms. Amisha Vaidya

She was a student of M.Sc. Zoology in 2022-23.

An average student with 62.5% in Sem I and 63.5% in Sem IV.

Teachers motivated and encouraged her to participate in inter collegiate seminars, workshops, etc.

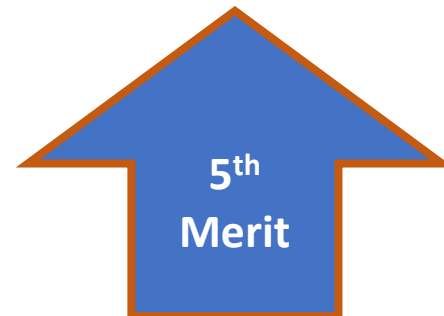
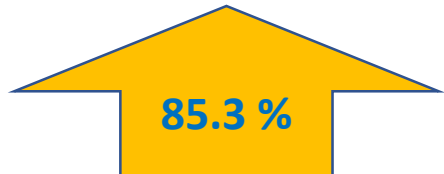
Participated in inter collegiate PPT presentation conducted by Department of Zoology, RTM Nagpur University, Nagpur and she got **Consolation Prize**.

Also participated in Self-Governance program and secured **Second Position**.



## Department of Commerce

Mr. Pranay Rewade , of B.Com program was identified as an advance learner, He scored 512 marks out of 600, next year he scored 542 next year and in the final year he scored 596. He stood 5<sup>th</sup> Merit in RTM Nagpur University Examination.



## Department of Electronics

### Miss. Avanti Pramod Dhok

A Student of B.Sc. Semester- I in session 2022-23 score less marks in Electronics 77 out of 150 (52 %) in first semester .Our faculty members guided her also provided e-notes to understand basic of fundamental electronics first with circuit diagram easy language working of explanations then improvement in university B.Sc. third semester result she got in 113 marks out of 150 ( 75 %)

**She became from slow learner an average learner.**

### Miss.Farah sheikh Kadir

Farah was an average student of subject electronics B.Sc. Semester- I in session 2022-23 with good marks 91 out of 150 ( 60%) in B.Sc.sem- I. Our faculty members of department of Electronics guided her and due to proper guidance and motivation she has 94 marks out of 150 ( 62 %) in B.Sc. sem-II, in third semester 124 marks out of 150 (82%) &128 marks out of 150 (85%) in fourth semesters. **She had converted from average student to advanced student. She has less stage daring, no confidence and hesitate to speak in front of audience.** Our faculties of electronics always motivate and encourage her to participate in extracurricular activity like drama -dance in gathering. She had enrolled in certificate course, seminar and Quiz competitions.

**Now she is a confident student of Electronics Department**

Sr.No.	Name of Student (Session)	Marks Obtained (out of 150)			Outcome	Remark
		B.Sc. Sem-I	B.Sc. Sem-II	B.Sc. Sem-IV		
1.	Mr. Suyog F. Satibawne (19-20)	26 % (Slow)	71 % (Medium)	73 % (Advance)	--	SLOW TO ADVANCE
2.	Mr. Saurabh Pantawane (19-20)	22 % (Slow)	62 % (Medium)	66 % (Advance)	--	SLOW TO ADVANCE
3.	Mr. Prajwal Waghmare (19-20)	26 (Slow)	88 (Medium)	98 (Advance)	--	SLOW TO ADVANCE
4.	Mr. Ajinkya A. Ade (19-20)	35 (Slow)	102 (Advance)	124 (Advance)	--	SLOW TO ADVANCE
5.	Mr. Vishal P. Bhende (19-20)	36 (Slow)	89 (Medium)	113 (Advance)	--	SLOW TO ADVANCE
6.	Ms. Suhani G. Tiwari (20-21)	54 %	75 %	83 %	Consolation Prize in VUPTA Seminar Feb 21, 2023	Confidence Building
7.	Ms. Nikita R. Nagpure (22-23)	64 %	71 %	83 %	JAM Qualified	Academic improvement and Confidence Building

# EVIDENCES

**JAM - 2025**  
Joint Admission Test for Masters

**IIT Delhi**  
Organising Institute



**CANDIDATE DETAILS**

Name: **NIKITA RAJU NAGPURE**

Parent's/Guardian's Name: **RAJU NAGPURE**

Registration Number: **PH214A136**

**CANDIDATE PERFORMANCE**

Test Paper (Code)	Number of Candidates Appeared in the Test Paper	Marks Scored (out of 100)	All India Rank
Physics (PH)	10877	15.33	3802

**CUT-OFF MARKS**

Test Paper (Code)	GEN	GEN-EWS/OBC-NCL	SC/ST/PwD
Physics (PH)	14.66	13.19	7.33

\*A candidate is considered to be in the merit list for admission, if the marks scored are greater than or equal to the cut-off marks mentioned for the category for which a valid category certificate (if applicable) must be produced along with this score card.

22 March 2025  
Digital Signature: e65695cd5d1702d846ac076e51e239e7

  
Prof. G. Vijaya Prakash  
Organising Chairperson, JAM 2025

Name: **YOGITA MAHENDRA KUMAR**



Shri Durga Shikshan Sanstha's  
Shivprasad Sadanand Jaiswal College, Arjuni/Morgaon, Dist. Gondia  
&  
Vidarbha Universities Physics Teachers Association (VUPTA)  
Organised

**VUPTA STUDENT'S SEMINAR - 2023**  
*Certificate of Participation*

This is to certify that Prof./Dr./Mr./Ms./Mrs. Suhani G. Tiwari (sem - VI)  
of Kamla Nehru Mahavidyalaya, Nagpur  
has actively participated in the State Level "VUPTA STUDENT'S SEMINAR - 2023"  
jointly organised by the Department of Physics, Shivprasad Sadanand Jaiswal College,  
Arjuni/Mor. and Vidarbha Universities Physics Teachers Association (VUPTA) on February  
20 - 21, 2023.

He / She was awarded consolation prize in Seminar / Poster competition.

  
Dr. D. L. Chaudhari  
Organizing Secretary

  
Prof. J. N. Ramteke  
Secretary, VUPTA

  
Prof. K. G. Rewatkar  
President, VUPTA

  
Prof. I. S. Mohurley  
Principal & Convenor

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Job  
on  
Feb  
20/21

S. No.	Title of Research Paper / Project	Conference / Symposium Name	Organizing Institution(s)	Date
1	Implementation of K-Nearest Neighbor for the Detection and Prognosis of Breast Cancer	1st International Conference on Recent Advances in Engineering, Technology and Management (ICRAETM-2022)	—	—
2	Implementation of K-Nearest Neighbor for the Detection and Prognosis of Breast Cancer	2nd National Conference on Emerging Trends in Information and Communication Engineering (NCETICE' 22)	Dept. of ECE, CARE College of Engineering, Thayanur, Trichy, Tamil Nadu (in association with IEEE Student Branch)	6th–7th May 2022
3	Twitter Sentiment Analysis Using Machine Learning Classification Algorithms	8th National Conference on Emerging Trends in Engineering and Technology (NCETET' 22)	Dept. of CSE, Nandha College of Technology, Perundurai, Erode	12th May 2022
4	Twitter Sentiment Analysis Using Machine Learning Classification Algorithms	11th National Conference on Innovations in Information Technology (NCIIT 2022)	Dept. of CSE, Bannari Amman Institute of Technology, Erode, Tamil Nadu	20th–21st May 2022
5	Feature Extraction using MFCC in Automatic Speech Recognition	National Level Technical Symposium TECHNEX 2K22	Aakar Group of Institutions, Hingna, Nagpur	7th–12th Feb 2022
6	Bibliometric Analysis of Internet of Things Research Data on the Scopus Database with VOSviewer	National Conference on Role of Science and Technology in Environmental Conservation and Sustainable Development	Dept. of Bio-Sciences & HPU Biological Society, Himachal Pradesh University	23rd–24th Sept 2022
7	Diabetes Mellitus Prognostication Employing Computational Intelligence Paradigms and Machine Learning Algorithms	National Conference on Research Innovations in ICT and Computing Technologies (NCRIICT)	Dept. of CS, Shri Shivaji Education Society's Science College, Congress Nagar, Nagpur	27th–28th March 2023

S. No.	Title of Program	Type	Organizer(s)	Date(s)
1	Hands-on for Artificial Intelligence, Machine Learning, & Deep Learning	FDP	Dept. of CSE, in association with CCE, NIT Warangal	22nd Nov – 1st Dec 2021
2	Recent Trends and Development in Technologies	International FDP	Dept. of CSE, Sathyabama Institute of Science and Technology	7th – 12th March 2022
3	Research Analysis & Methodology Skills	FDP	Dept. of Education, Invertis University, Bareilly	2nd – 8th March 2022
4	Intellectual Property Rights & Patents	FDP	Rajeev Gandhi College of Management Studies (RGCMS), New Mumbai	12th March 2022
5	Industrial Internet of Things	FDP	Dept. of Computer Engg., Swarnim Startup and Innovation University, Gujarat	28th Feb – 2nd March 2022

<b>6</b>	<b>Innovative Teaching Methods</b>	<b>FDP</b>	<b>RGCMS, New Mumbai</b>	<b>12th Feb 2022</b>
<b>7</b>	National Intellectual Property Awareness Mission (NIPAM)	Training Program	Dept. of Physics, Dharma Samaj College, Aligarh	8th March 2022
<b>8</b>	Writing and Publishing a Research Paper	FDP	Dept. of Management, Shivalik Institute of Professional Studies, Dehradun	2nd April 2022
<b>9</b>	Plagiarism in Academic Research Publications and Author Identifiers	FDP (Online)	Dept. of Library and Info. Sciences, Institute of Management and Commerce, Hyderabad	—
<b>10</b>	Advanced Emerging Technologies, Research and Practical Applications	Webinar	Institute for Engineering, Research and Publications	18th May 2022
<b>11</b>	Evolution of Intelligent Systems	Webinar	Institute for Engineering, Research and Publications	11th May 2022
<b>12</b>	Intellectual Property Rights	Online Training	Dept. of Commerce, KR College of Arts & Science, Tamil Nadu	2nd Aug 2022

13	IPR & Patents, Design Filing Process	Online Training	Dept. of Civil Engg., Ballarpur Institute of Technology & RGNIIPM, Nagpur	17th May 2022
14	Recent Trends in Artificial Intelligence and Cyber Security	National FDP	Dept. of CSE, Shri Vishnu Engineering College, Andhra Pradesh	1st – 5th Nov 2022
15	Emerging Technologies in Electronics and Communications 2022	Int'l FDP	Dept. of ECE, IMS Engineering College, Ghaziabad	31st Oct – 4th Nov 2022
16	Societal Applications of Machine Learning	National FDP	Dept. of CSE, Shri Vishnu Engineering College, Andhra Pradesh	26th – 30th Dec 2022
17	Intellectual Property Rights (NIPAM)	National Level Program	AVK Engineering, Kanyakumari & Sansnow Nobel Foundation, Ministry of Commerce & Industry, IP India	7th March 2023
18	Data Analytics and Cyber Security	FDP	Matoshri Institute of Technology & NetLeap IT Training	23rd – 25th March 2023

19	Cloud Computing Fundamental	Student Empowerment Program	Faculty of Computer Applications, Marwadi University, Rajkot	27th May 2023
20	Data Visualization using R Programming	Student Empowerment Program	Faculty of Computer Applications, Marwadi University, Rajkot	3rd June 2023
21	Live Demo on PL/SQL	Student Empowerment Program	Faculty of Computer Applications, Marwadi University, Rajkot	24th June 2023
22	Cloud Infrastructure (AWS)	FDP	Matrushri Engineering College & Brainovision Solutions Pvt. Ltd.	21st – 25th Aug 2023

S. No.	Role	Conference Title	Organizer(s)	Year
1	Reviewer / Conference TPC Member	International Conference on Computational Sciences and Sustainable Technologies	CHRIST (Deemed to be University), Bangalore, India & Modern College of Business and Science, Muscat, Oman	—
2	Reviewer	5th International Conference on Machine Learning and Intelligent Systems (MLIS 2023)	Singidunum University, Belgrade, Serbia	2023
3	<b>Diabetes Mellitus Prognostication Employing Computational Intelligence Paradigms and Machine Learning Algorithms</b>	National Conference on Research Innovations in ICT and Computing Technologies (NCRIICT-2023)	<i>E-Proceedings, Special Issue of Journal of Innovation in Sciences (Online)</i>	2394-8051

S. No.	Chapter Title	Book Title	Publisher	ISBN	Edition & Date
1	Transition of Traditional E-commerce to Augmented Reality E-commerce	Emerging Trends in Education, Management and Society	Asian Press Books	978-81-961346-7-9	1st Edition, February 2023

S. No.	Title	Journal Name	Volume (Issue)	Pages
<sup>1</sup>	Analytical and Systematic Study of Artificial Neural Network	International Research Journal of Engineering and Technology	Vol. 09 (03)	653–658
<sup>2</sup>	Estimating the Efficacy of Efficient Machine Learning Classifiers for Twitter Sentiments Analysis	International Research Journal of Engineering and Technology	Vol. 09 (05)	3050–3060
<sup>3</sup>	Execution and Evaluation of K-Nearest Neighbor for Identification and Visualization of Breast Malignant Growth	Dongbei Daxue Xuebao / Journal of Northeastern University	Vol. 25 (04)	2446–2459
<sup>4</sup>	Extending the Lifetime of the Wireless Sensor Network with the help of Low Energy Adaptive Clustering Hierarchy	International Journal of Information Technology and Electrical Engineering	Vol. 11 (02)	19
<sup>5</sup>	Extricate Features Utilizing Mel Frequency Cepstral Coefficient in Automatic Speech Recognition System	International Journal of Engineering and Manufacturing	Vol. 12 (06)	14–21
<sup>6</sup>	Picture of Data Warehouse Portrayed with Thought for Challenges, Modernization, And Improvement of a Conventional Data Warehouse, As Well As Its Possible Future Perspectives	Journal of Pharmaceuticals Negative Results	Vol. 13 (09)	8244–8254

7	An Analysis of Route Discovery Based Routing Protocols in Wireless Sensor Network	Journal of Pharmaceuticals Negative Results	Vol. 14 (02)	01–06
8	Performance, Environment, Actuators, And Sensors Model to Portray an Intelligent Agent Model	NeuroQuantology Journal	Vol. 21 (01)	499–508
9	Employing Heuristic Search Mechanism and Plotting Concept of Informed Search to Address Eight Puzzle Problems	International Journal for Science and Advanced Research in Technology	Vol. 03 (01)	105–108
10	Addressing the Distinct Security Vulnerabilities Typically Emerge on the Mobile Ad-hoc Network's Network Layer	NeuroQuantology Journal	Vol. 21 (03)	169–178
11	Colonoscopy Stage Wise Detection Using Deep Learning Techniques	European Journal of Molecular and Clinical Medicine	Vol. 10 (01)	4561–4570
12	A Review on Augmented Reality Application in Industrial 4.0	NeuroQuantology Journal	Vol. 21 (02)	278–289
13	An Efficient Algorithm for Extricate Keywords in the Text Uses a High Utility Itemset Mining	Dongbei Daxue Xuebao / Journal of Northeastern University	Vol. 25 (04)	1754–1773
14	Development of Energy Competent Routing Protocol with ANFIS Based Optimized Routing in Wireless Multi-Hop Ad Hoc Networks	Journal of Pharmaceuticals Negative Results	Vol. 13 (09)	5028–5044
15	Resourceful Decentralized Intellectual Routing Protocol for Wireless Sensor Networks	Dongbei Daxue Xuebao / Journal of Northeastern University	Vol. 25 (04)	1951–1964
16	An Advancement of Human Activities Detection Based on Wireless Sensors and Machine Learning	Gongcheng Kexue Yu Jishu / Advanced Engineering Science	Vol. 54 (02)	5855–5866
17	Eco-Friendly Green Cloud Structure with Internet of Things for Astute Agriculture	Journal of Pharmaceuticals Negative Results	Vol. 14 (02)	2973–2986
18	Development of Elegant Parking Platform Based on Internet of Things	Gongcheng Kexue Yu Jishu / Advanced Engineering Science	Vol. 54 (02)	6031–6042

## DEPARTMENT OF MATHEMATICS

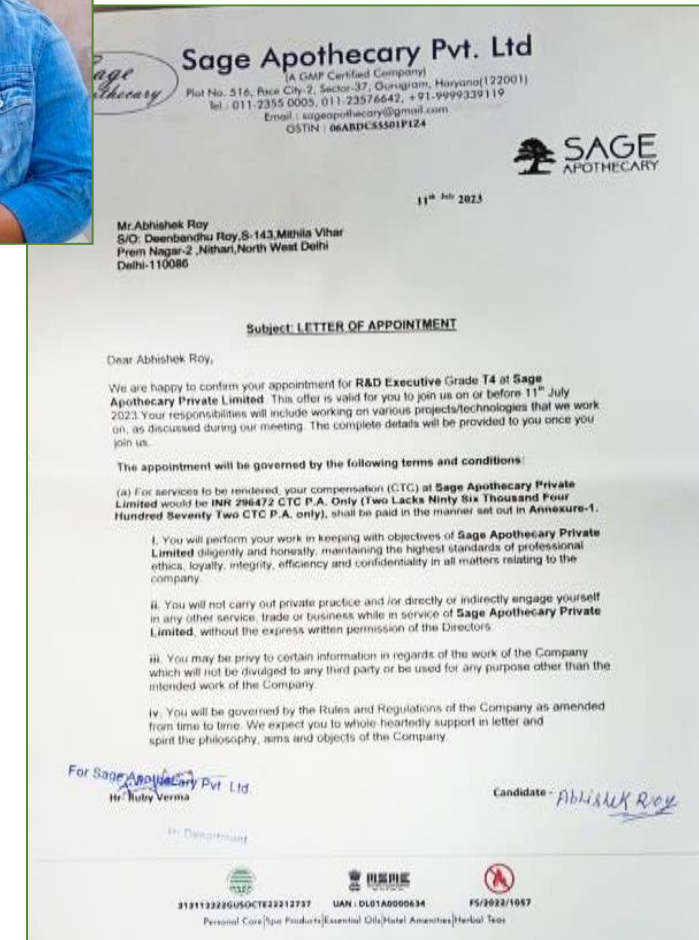
Sr. No.	Name of Student	Slow <45%	Medium 45-65%	Advance >60%
1.	ISHA VINODRAO DEULKAR	FAIL(B.Sc Ist Year)	55.77%(II Year)	70.88%(III Year)
2.	HARSH SUNIL KHANORKAR	FAIL(B.Sc Ist Year))	58.66%(II Year)	67.56%(III Year)
3.	CHANDANA PUNDLIK BOKDE	FAIL (B.Sc Ist Year)		78.67%(II Year)
4.	KUNAL GANESH BEDRE	FAIL(B.Sc Ist Year)		68.67%(II Year)
5.	SHILPA NARENDRA GIRI			INSPIRE FELLOWSHIP: I, II Year III.

# DEPARTMENT COSMETICS TECHNOLOGY

In the 2019–20 session. He was an average student with 57.25% marks in the 1st semester. With consistent guidance and motivation from the faculty members, he gradually improved and scored 66.62% in the 6<sup>th</sup> semester, transforming from an average to an advanced student.

Initially, he was very shy and hesitant to interact with teachers and other students. However, under the mentorship of his teachers, he began participating in seminars, workshops, quiz competitions and developed into a confident student of the Cosmetic Technology Department.

He has now been placed in a reputed cosmetic company, Sage Apothecary Pvt. Ltd., as an R&D Executive, with an annual package of ₹2,96,000/- . P.A.



## DEPARTMENT OF BIOCHEMISTRY

### **Piyush Gumgaonkar:**

A student of B.Sc. 1<sup>st</sup> semester in session 2023-24. He was an average student with 62.66% in 1<sup>st</sup> semester. The faculty members guided him and due to guidance and motivation he has got 79.33% in 2<sup>nd</sup> semester, so he is converted from **average student to advanced student**.

He was very shy and hesitates to interact with the teachers and other students but under the guidance of teacher he also participated in seminar, workshop and quiz competitions and now he is a confident student of Biochemistry Department.

## DEPARTMENT OF BIOCHEMISTRY

### **Gauri Thakre:**

She was a student of B.Sc. 3<sup>rd</sup> semester in 2022-23.

She was an average student with 50.66% in B.Sc. 3<sup>rd</sup> semester.

She attended the remedial classes arranged for the slow learners in the department and get benefited in 4<sup>th</sup> semester with 73.33%.

**From slow learner she became an average learner to advance learner**