

# **MATHEMATICS**

## **DEPARTMENTAL PROFILE**

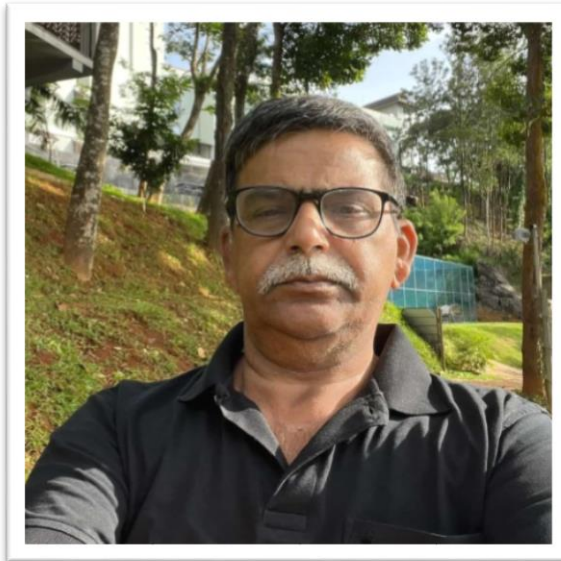
**Mr. Rahul Patel**  
**(Assistant Professor)**

## **Vision & Mission:**

The Department of Mathematics offers B.Sc. in Mathematics. The aim of our program is to cultivate a fine mathematical taste, to expose the students in the central ideas of Mathematics along with application. Students are encouraged to develop their problem solving skills, critical and analytical thinking, for which they can compete with challenging real life problems. Teaching in the Department is aimed to provide a strong Mathematical background to students. The teaching methodology combines standard methods of University education, tutorials, written assignments, project work and student presentations. After completing their program of study, we expect from the students that they apply the mathematical concepts, understand mathematical proofs, and construct and communicate their own ideas with strong analytical abilities. Students who graduate from our department, we want they choose different career options such as academics, research, data analysis, civil services, management, law, banking and entrepreneurship etc.

# HISTORICAL BACKGROUND

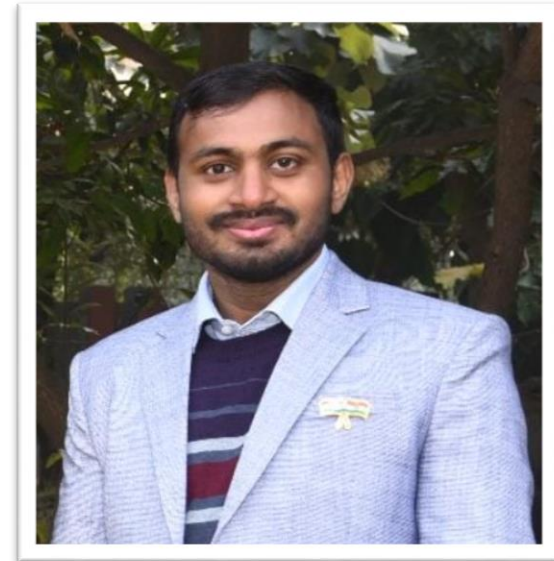
Department of mathematics was established in year 2005. Dr. Dinesh Kumar Singh was the first head of department, who was followed by Dr. Om Veer Singh. Now Mr. Rahul Patel working as assistant professor in department since July 2021.



Dr. Dinesh Kumar Singh



Dr. Om Veer Singh



Mr. Rahul Patel

# **Undergraduate Program in Mathematics**

**as per**

**New Education Policy – 2020**

**Applicable From Session 2021-22 Onward**

# Program Outcomes:

<b>Completed One Year</b>	<b>Completed Two Years</b>	<b>Completed Three Years</b>
<b>Certificate in Mathematics</b>	<b>Diploma in Mathematics</b>	<b>Degree in Mathematics</b>
Ability to communicate mathematical ideas clearly using correct mathematical terminology and proper mathematical notation and use their mathematical knowledge to solve problems.	Prepare sound mathematical base for enhancing understanding in interdisciplinary subjects such as physics, engineering, computer science etc. and for pursuing Master's Degree in Mathematics or Engineering/Computer science/Business/Economics.	Utilize mathematical skills to coach school and college students or enhance their own career prospects through pursuit of advanced degree in mathematics or full-fill prerequisites of eligibility for various national and international competitive examinations.

## Proposed Structure UG- Mathematics

Year	Sem	Major-1	Major-2	Minor	CC/VC	R.	
<b>1</b>	Sem-1	Differential Calculus Matrices and Algebra		Applicable Mathematics-I	Vedic Mathematics/ Internet primer	Certificate	
	Sem-2	Integral Calculus Geometry		Applicable Mathematics-II	Elementary Number Theory & Cryptography		
<b>2</b>	Sem-3	Ordinary Differential Equations Mechanics		Applicable Mathematics-III	Microsoft office	Diploma	
	Sem-4	Mathematical Methods Linear & Abstract Algebra		Applicable Mathematics-IV	Elementary Number Cryptography		
<b>3</b>	Sem-5	Numerical Analysis Analysis Discrete Mathematics Internship	Numerical Analysis Analysis				Degree
	Sem-6	Advanced Algebra Differential Geometry Operations Research Minor Project	Advanced Algebra Differential- Geometry				

# Department's activities:

- Regular Classes
- Council activities
- Important days celebrations
- Induction program
- Farewell party
- Educational tours/visits
- Extension activities/lectures

# Session: 2023-24

<b>DEPARTMENTAL STUDENT COUNCIL</b>	
<b>President</b>	<b>Astha Rai D/o Late Brijesh Rai (B.Sc. 2<sup>nd</sup> Year) Mob. 08601222344</b>
<b>Vice President</b>	<b>Komal Nirmal D/o Mr. Ramkewal (B.Sc. 1<sup>st</sup> Year)09219010435</b>
<b>Secretary</b>	<b>Shweta Maurya D/o Mr. Sanjay Kr. Maurya (B.Sc. 3<sup>rd</sup> Year), Mob. 08423750486</b>
<b>Class Representative</b>	
<b>B.Sc. 3<sup>rd</sup> year</b>	<b>Komal Kashyap D/o Mr. Kaushal Kishor, Mob. 09794198222</b>
<b>B.Sc. 2<sup>nd</sup> year</b>	<b>Parvati Dixit D/o Mr. Anupam Kr. Dixit, Mob. 08090097096</b>
<b>B.Sc. 1<sup>st</sup> year</b>	<b>Anushka Gupta D/o Mr. Sunil Kumar Gupta, Mob. 06306711499</b>



# B.Sc. Mathematics (1<sup>st</sup> year) Council Activity

## Chart Competition

Date: 22/11/2023

Position	Name	Father Name
First	Anushka Gupta	Mr. Sunil Kumar Gupta
Second	Anamika Mishra	Mr. Ajay Mishra
Third	Komal Nirmal	Mr. Ram Kewal Nirmal

**Attendance: 31**

**Judges: 1. Dr. Parul Mishra, 2. Mr. Rahul Patel**



# B.Sc. Mathematics (2<sup>nd</sup> year) Council Activity

## Debate Competition

Date: 19/02/2024

Position	Name	Father Name
First	Astha Rai	Late Brijesh Rai
Second	Parvati Dixit	Mr. Anupam Kumar Dixit
Third	Divyanshi	Mr. Phool Singh

**Attendance: 28**

**Judges: 1. Dr. Roshni Singh, 2. Mr. Rahul Patel**



# B.Sc. Mathematics (3<sup>rd</sup> year) Council Activity

## Speech Competition

Date: 19/02/2024

Position	Name	Father Name
First	Neha Kashyap	Late Sitaram Kashyap
Second	Laxmi Yadav	Mr. Ram Adhar Yadav
Third	Komal Kashyap	Mr. Kaushal Kishor Kashyap

**Attendance: 30**

**Judges: 1. Dr. Roshni Singh, 2. Mr. Rahul Patel**



# Time Table

## NETAJI SUBHASH CHANDRA BOSE GOVERNMENT GIRLS P.G. COLLEGE, ALIGANJ, LUCKNOW

Time Table: 2023-2024

Faculty of Science

Days	Class	I 10:00-10:45	II 10:45-11:30	III 11:30-12:15	IV 12:15-01:00	V 01:00-01:45	VI 01:45-2:30	VII 2:30-3:15	VIII 3:15-04:00
MON	B SC I YEAR	Zoology Co curri./ vocational/ Maths	Bot (T)/ Phy(T)	Chem(p)	Chem(T/P)	Zoo(T)		Maths Rem	Maths Co curri./ vocational
	BSC II YEAR		Chem(T)	Zoo (T)		Maths	Bot (P)		
					Physics (P)	Physics (T/P)	Bot(T)		Physics Rem
BSC III YEAR	Chem(T)	Zoo(T)	Bot (T)/ Maths		Phy(T)	Chemistry (P)		Bot Rem	
TUE	B SC I YEAR	Zoology Co curri./ vocational/ Maths	Bot (T)/ Phy(T)	Chem(p)	Chem(T/P)	Zoo(T)		Physics Rem	Phy. & Botany Co curri./ vocational
	BSC II YEAR		Chem(T)	Zoo (T)		Maths	Bot (P)		
					Physics (P)	Physics (T/P)	Bot(T)		Maths Rem
BSC III YEAR	Chem(T)	Zoo(T)	Bot(T)/ Maths		Phy(T)	Chemistry (P)		Chem Rem	
WED	B SC I YEAR	Maths	Bot (T) /Phy(T)	Chem(p)	Chem(T/P)	Zoo(T)			Maths & Botany Co curri./ vocational
	BSC II YEAR	Zoology Co curri./ vocational	Chem(T)	Zoo (T)/ Physics (P)	Physics (T/P)	Bot (T)/ Maths	Chemistry (P)		Chem.Co curri./vocational
	BSC III YEAR	Chem(T)	Zoo(T)	Bot (T)		Phy(T)	Bot (P)	Maths Rem	
THUR	B SC I YEAR	Maths/ Bot (P)	Bot (T/P)/ Phy(T/P)	Phy(P)	Chem(T)	Zoo(T)			Chem.Co curri./vocational
	BSC II YEAR	Zoology Co curri./ vocational	Chem(T)	Zoo(T)	Phy(T)	Bot (T) Maths	Chemistry (P)		Maths./Bot..Co curri./ vocational
	BSC III YEAR	Chem(T)	Zoo(T)	Bot (T) /Maths			Bot (P)		
FRI	B SC I YEAR	Maths/ Bot (P)	Bot (T/P)/ Phy(T/P)	Phy(P)	Chem(T)	Zoo(T)		Bot Rem	Phy. Co curri./ vocational
	BSC II YEAR	spppp	Chem(T)	Zoo (P)	Phy(T)/ Zoo (P)	Bot (T) Maths	Chem Rem		Chem.Co curri./vocational
	BSC III YEAR	Chem(T)	Zoo(T)	Bot(T)/ Maths			Zoology (P)		
SAT	B SC I YEAR	Maths/ Bot (P)	Bot (T/P)/ Phy(T/P)	Phy(P)	Chem(T)	Zoo(T)	Chem Rem		Chem.Co curri./ Vocational
	BSC II YEAR		Chem(T)	Zoo (P)	Phy(T)/ Zoo (P)	Bot (T)/ Maths		Bot Rem	Phy./ Botany Co curri./ vocational
	BSC III YEAR	Chem(T)	Zoo(T)	Bot (T)/ Maths		Physics (T/P)	Zoology (P)/ Phy.(P)	Zoology (P)	

T= Theory, P= Practical, Rem= Remedial ,Co-curri=Co-curricular

# List of students with their topics for Internship

<b>Sr.</b>	<b>Name</b>	<b>Topic Name</b>
<b>1</b>	Barakha Kashyap	Sequences and series and its application
<b>2</b>	Deepa Gautam	Integration and its application
<b>3</b>	Disha Yadav	Differential equations and its application
<b>4</b>	Isha Yadav	Matrices and its application
<b>5</b>	Kavya Singh	Sequences and series and its application
<b>6</b>	Muskan Rajbhar	Matrices and its application
<b>7</b>	Naincy Sharma	Sequences and series and its application
<b>8</b>	Neha Kashyap	Integration and its application
<b>9</b>	Nidhi Singh Rathore	Differential equations and its application
<b>10</b>	Priya Verma	Matrices and its application
<b>11</b>	Sakshi Pal	Matrices and its application
<b>12</b>	Shweta Awasthi	Differential equations and its application
<b>13</b>	Sneha Chaurasiya	Differential equations and its application
<b>14</b>	Sonam Kumari	Integration and its application

# List of students with their topics for Minor Project

<b>Sr.</b>	<b>Name</b>	<b>Topic Name</b>
<b>1</b>	Anjali Yadav	Integral calculus and its application
<b>2</b>	Anshi Maurya	Solution of equation by Numerical methods
<b>3</b>	Ayushi agnihotri	Differential calculus and its application
<b>4</b>	Divya kashyap	Laplace transformation and its application
<b>5</b>	Komal kashyap	Matrices and its application
<b>6</b>	Laxmi Yadav	Laplace transformation and its application
<b>7</b>	Muskan Kashyap	Integral calculus and its application
<b>8</b>	Neha Naaz	Integral calculus and its application
<b>9</b>	Neha Rajpoot	Laplace transformation and its application
<b>10</b>	NEHA VERMA	Differential calculus and its application
<b>11</b>	Priyanshi Rajpoot	Matrices and its application
<b>12</b>	Radhika kashyap	Matrices and its application
<b>13</b>	Rati Gupta	Differential calculus and its application
<b>14</b>	Shivani kashyap	Matrices and its application
<b>15</b>	Shweta Maurya	Differential calculus and its application
<b>16</b>	Stuti	Matrices and its application

# National Earth Day

22<sup>th</sup> April 2024

On the occasion of Earth Day on 22 April 2024, a painting competition was organized by Department of Mathematics with collaboration of the Ministry of Earth Sciences, Government of India. In the program, Principal Prof. Anuradha Tiwari made the students aware about the environment and appealed to reduce the use of plastic, and inspired them to “increase greenery, remove plastic”. In the competition, Shreya Pandey got the first prize, Saloni Sharma and Anjali Verma got second prize, Reema Qureshi, Radha Kanojia, Mantasha Khan got third prize, and Roshni, Khushi, Anushtha, Geetanjali got consolation prize.



## हरियाली को बढ़ाना है, प्लास्टिक को हटाना है

सुभाष चंद्र बोस राजकीय महिला स्नातकोत्तर महाविद्यालय में पेंटिंग प्रतियोगिता के दौरान प्रचार्य प्रो. अनुराधा तिवारी ने छात्राओं को पर्यावरण के प्रति जागरूक किया। उन्होंने प्लास्टिक का इस्तेमाल कम करने के लिए आह्वान किया। साथ ही हरियाली को बढ़ाना है, प्लास्टिक को हटाना है के लिए प्रेरित किया। प्रतियोगिता में श्रेया पांडे ने प्रथम पुरस्कार, सलनी शर्मा व अंजली वर्मा ने द्वितीय, रीमा कुरेशी, राधा कनौजिया, मन्शा खान ने तृतीय तथा रोशनी, खुशी, अन्पट्टा, गीतांजलि ने सांत्वना पुरस्कार प्राप्त किया। कार्यक्रम का संचालन एम्पएसएस अधिकारी डॉ. श्रद्धा द्विवेदी ने किया। कार्यक्रम में अमित पांडेय राष्ट्रीय अध्यक्ष, नेताजी सुभाष चंद्र संगठन, धर्मेश पांडेय राष्ट्रीय उपाध्यक्ष, मुख्यमंत्री जन कल्याण कार्यक्रम, डॉ. शिखा, प्रदेश उपाध्यक्ष, मुख्यमंत्री जन कल्याण कार्यक्रम रश्मि सिंह समाज सेविका मौजूद थे।



हिला स्नातकोत्तर महाविद्यालय में पेंटिंग प्रतियोगिता का आयोजन किया गया। इस दौरान प्रचार्य प्रो. अनुराधा तिवारी ने छात्राओं को पर्यावरण के लिए जागरूक किया। उन्होंने प्लास्टिक का इस्तेमाल कम करने के लिए आह्वान किया। साथ ही हरियाली को बढ़ाना है, प्लास्टिक को हटाना है के लिए प्रेरित किया। प्रतियोगिता में श्रेया पांडे ने प्रथम पुरस्कार, सलनी शर्मा व अंजली वर्मा ने द्वितीय, रीमा कुरेशी, राधा कनौजिया, मन्शा खान ने तृतीय, तथा रोशनी, खुशी, अन्पट्टा, गीतांजलि ने सांत्वना पुरस्कार प्राप्त किया। कार्यक्रम का संचालन एम्पएसएस अधिकारी डॉ. श्रद्धा द्विवेदी ने किया। कार्यक्रम में अमित पांडेय राष्ट्रीय अध्यक्ष, मुख्यमंत्री जन कल्याण कार्यक्रम, डॉ. शिखा, प्रदेश उपाध्यक्ष, मुख्यमंत्री जन कल्याण कार्यक्रम रश्मि सिंह समाज सेविका मौजूद थे।

## छात्राओं को पर्यावरण के प्रति किया जागरूक



लखनऊ। पृथ्वी दिवस के अवसर पर नेताजी सुभाष चंद्र बोस राजकीय महिला स्नातकोत्तर महाविद्यालय में पेंटिंग प्रतियोगिता का आयोजन किया गया। इस दौरान प्रचार्य प्रो. अनुराधा तिवारी ने छात्राओं को पर्यावरण के लिए जागरूक किया। उन्होंने प्लास्टिक का इस्तेमाल कम करने के लिए आह्वान किया। साथ ही हरियाली को बढ़ाना है, प्लास्टिक को हटाना है के लिए प्रेरित किया। प्रतियोगिता में श्रेया पांडे ने प्रथम पुरस्कार, सलनी शर्मा व अंजली वर्मा ने द्वितीय, रीमा कुरेशी, राधा कनौजिया, मन्शा खान ने तृतीय, तथा रोशनी, खुशी, अन्पट्टा, गीतांजलि ने सांत्वना पुरस्कार प्राप्त किया। कार्यक्रम का संचालन एम्पएसएस अधिकारी डॉ. श्रद्धा द्विवेदी ने किया। कार्यक्रम में अमित पांडेय राष्ट्रीय अध्यक्ष, मुख्यमंत्री जन कल्याण कार्यक्रम, डॉ. शिखा, प्रदेश उपाध्यक्ष, मुख्यमंत्री जन कल्याण कार्यक्रम रश्मि सिंह समाज सेविका मौजूद थे।

नेताजी सुभाष चंद्र बोस राजकीय महिला स्नातकोत्तर महाविद्यालय

# National Science Day

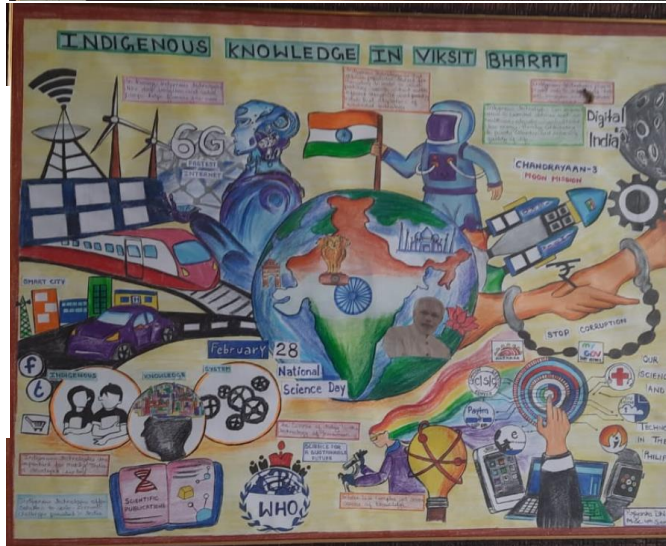
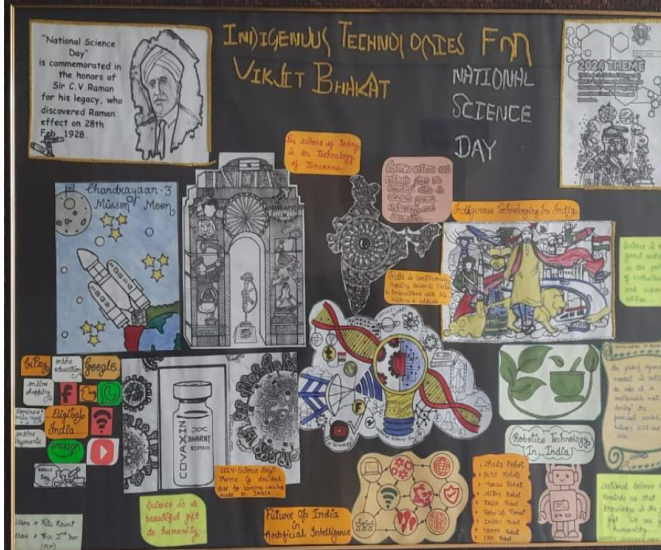
## 28th Feb. 2024



### स्वदेशी ज्ञान परंपरा को वर्तमान तकनीक से संबद्ध करने पर दिया जोर

Telescope Today February 28, 2024

लखनऊ (टेलीस्कोप टुडे संवाददाता)। नेताजी सुभाष चंद्र बोस राजकीय स्नातकोत्तर महिला महाविद्यालय अलीगंज में प्राचार्य प्रोफेसर अनुराधा तिवारी के मार्गदर्शन एवं विज्ञान संकाय के प्राध्यापकों प्रोफेसर शरद कुमार वैश्य, प्रोफेसर कंचन लता, डॉक्टर ज्योति, डॉक्टर पारुल मिश्रा, डॉ. राहुल पटेल, डॉ. रोशनी सिंह, डॉ. श्रद्धा द्विवेदी के नेतृत्व में महाविद्यालय के विज्ञान संकाय, विज्ञान भारती एवं महाविद्यालय की इंस्टीट्यूशन इन्नोवेशन काउंसिल के तत्वाधान में राष्ट्रीय विज्ञान दिवस समारोह 2024 का आयोजन किया गया। इस अवसर पर महाविद्यालय में आयोजित विज्ञान प्रदर्शनी में विज्ञान की छात्राओं के द्वारा आर्टिफिशियल इंटेलिजेंस एवं मशीन लर्निंग का उपयोग करते हुए विभिन्न प्रकार के प्रोजेक्ट, मॉडल एवं चार्ट का प्रदर्शन किया गया।



**Chief Guest**  
**Mrs. Ruchi Shukla,**  
**Managing Director Shipping Ark**

**Keynote Speaker**  
**Professor Babita Pandey**  
**BBAU Lucknow**



# National Mathematics Day

22<sup>th</sup> Dec 2023

December 22 was designated as, National Mathematics Day by government of India in 2012. This day is celebrated every year to mark the birth anniversary of legendary Indian mathematician, Srinivasa Ramanujan. The celebrations aim at spreading awareness about the importance of mathematics and the contributions made by Srinivasa Ramanujan, in the field of Mathematics. Department of Mathematics organized a poster presentation on the topic “Application of Mathematics in real world”. Some students present their thought about Srinivas Ramanujan. Mr. Rahul Patel elaborated the biography of S. Ramanujan like a story. He spoke about the great achievements of S. Ramanujan and also the hardships that he had to suffer.



## Extension Lecture

### “Start-up Ideas and Role of Artificial Intelligence in digital world”

Today, on 06/10/2023, A program was organized with the collaboration of IIC & Career Counselling cell, on “Start-up Ideas and Role of Artificial Intelligence in digital world” by coordinators of the program Mr. Rahul Patel Department of Mathematics, under the patronage and guidance of Principal Professor Anuradha Tiwari. At the starting of the program, Mr. Rahul Patel, welcomes all delegates. The main speaker **Prof. Ritu Bhatia**, (Associate Professor, ITM Business school) told the importance of start-up through several examples. She said that a successful small business must have four components – product, market, money and people. She familiarized students with various concepts used in understanding processes involved in entrepreneurship and business formation and development.



# Session: 2022-23

<b>DEPARTMENTAL STUDENT COUNCIL</b>	
<b>President</b>	Vishakshee Dubey D/o Mr. Awadhesh Dubey (B.Sc. 3 <sup>rd</sup> Year), Mob. 09984590578
<b>Vice President</b>	Ritu Rawat D/o Mr. Manoj Kumar Rawat (B.Sc. 1 <sup>st</sup> Year), Mob. 06394316553
<b>Secretary</b>	Swati Sahu D/o Mr. Mahesh Sahu (B.Sc. 3 <sup>rd</sup> Year), Mob. 07905712530
<b>Treasurer</b>	Sneha Chaurasiya D/o Mr. Brijesh Chaurasiya (B.Sc. 2 <sup>nd</sup> Year), Mob. 06387753993
<b>Class Representative</b>	
<b>B.Sc. 3<sup>rd</sup> year</b>	Kritika Singh D/o Mr. Ajeet Singh, Mob. 07905874152
<b>B.Sc. 2<sup>nd</sup> year</b>	Anjali Maurya D/o Mr. Brijesh Kumar, Mob. 07887083737
<b>B.Sc. 1<sup>st</sup> year</b>	Kashmeera Gupta D/o Mr. Sunil Kumar Gupta, Mob. 06306711499

# B.Sc. Mathematics (1<sup>st</sup> year) Council Activity

Chart Competition

Date: 16/01/2023

Position	Name	Father Name
First	Astha Rai	Late Brijesh Rai
Second	Noopur Maurya	Mr. Rajesh Kumar Maurya
Third	Kashmeera Gupta	Mr. Sunil Kumar Gupta

**Attendance: 25**

**Judges: 1. Dr. Roshni Singh, 2. Mr. Rahul Patel**



# B.Sc. Mathematics (2<sup>nd</sup> year) Council Activity

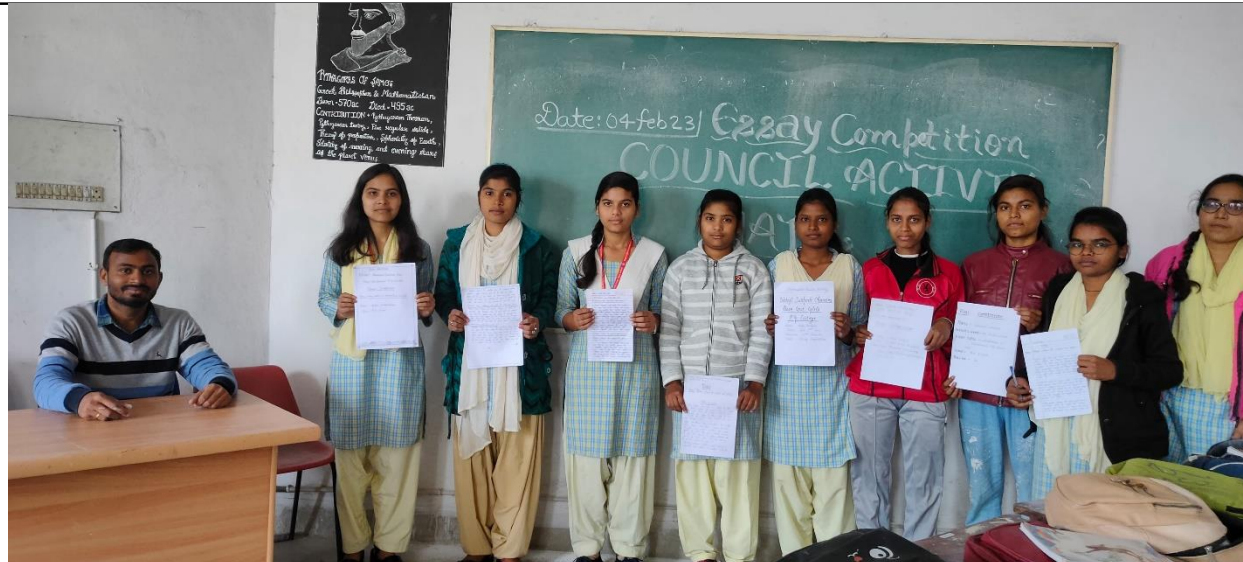
## Essay Competition

Date: 04/02/2023

Position	Name	Father Name
First	Nainshi Sharma	Mr. Sunil Kumar
Second	Nidhi Singh Rathore	Mr. Rajesh Singh Rathore
Third	Komal Kashyap	Mr. Kaushal Kishor Kashyap

**Attendance: 29**

**Judges: 1. Dr. Vishal Pratap Singh, 2. Mr. Rahul Patel**



# B.Sc. Mathematics (3<sup>rd</sup> year) Council Activity

## Speech Competition

Date: 03/02/2023

Position	Name	Father Name
First	Vishakshi Dubey	Mr. Awadhesh Kumar Dubey
Second	Janhavi Pandey	Mr. Vijay Kumar Pandey
Third	Astha Dixit	Mr. Vinod Kumar Dixit

**Attendance: 29**

**Judges: 1. Dr. Parul Mishra, 2. Mr. Rahul Patel**



# Time Table

## NETAJI SUBHASH CHANDRA BOSE GOVERNMENT GIRLS P.G. COLLEGE, ALIGANJ, LUCKNOW

### Time Table: 2022-2023

### Faculty of Science

Days	Class	I 10:00-10:45	II 10:45-11:30	III 11:30-12:15	IV 12:15-01:00	V 01:00-01:45	VI 01:45-2:30	VII 2:30-3:15	VIII 3:15-04:00
MON	B SC I YEAR	Zoology Co curri./ vocational/ Maths	Bot (T)/ Phy(T)	Chem(p)	Chem(T/P)	Zoo(T)		Maths Rem	Math Co curri./ vocational
	BSC II YEAR		Chem(T)	Zoo (T)		Maths	Bot (P)		
					Physics (P)	Physics (T/P)	Bot(T)		Physics Rem
BSC III YEAR	Chem(T)	Zoo(T)	Bot (T)/ Maths		Phy(T)	Chemistry (P)		Bot Rem	
TUE	B SC I YEAR	Zoology Co curri./ vocational/ Maths	Bot (T)/ Phy(T)	Chem(p)	Chem(T/P)	Zoo(T)		Physics Rem	Phy. & Botany Co curri./ vocational
	BSC II YEAR		Chem(T)	Zoo (T)		Maths	Bot (P)		
					Physics (P)	Physics (T/P)	Bot(T)		Maths Rem
BSC III YEAR	Chem(T)	Zoo(T)	Bot(T)/ Maths		Phy(T)	Chemistry (P)		Chem Rem	
WED	B SC I YEAR	Maths	Bot (T) /Phy(T)	Chem(p)	Chem(T/P)	Zoo(T)			Maths&Botany Co curri./ vocational
	BSC II YEAR	Zoology Co curri./ vocational	Chem(T)	Zoo (T)/ Physics (P)	Physics (T/P)	Bot (T)/ Maths	Chemistry (P)		Chem.Co curri./vocational
		BSC III YEAR	Chem(T)	Zoo(T)	Bot (T)		Phy(T)	Bot (P)	
				Maths				Maths Rem	
THUR	B SC I YEAR	Maths/ Bot (P)	Bot (T/P)/ Phy(T/P)	Phy(P)	Chem(T)	Zoo(T)			Chem.Co curri./vocational
	BSC II YEAR	Zoology Co curri./ vocational	Chem(T)	Zoo(T)	Phy(T)	Bot (T) Maths	Chemistry (P)		Maths./Bot..Co curri./ vocational
			Chem(T)	Zoo(T)	Bot (T) /Maths			Bot (P)	
BSC III YEAR					Physics(T/P)	Physics(P)	Bot Rem	Phy. Co curri./ vocational	
FRI	B SC I YEAR	Maths/ Bot (P)	Bot (T/P)/ Phy(T/P)	Phy(P)	Chem(T)	Zoo(T)			Chem.Co curri./vocational
	BSC II YEAR		Chem(T)	Zoo (P)	Phy(T)/ Zoo (P)	Bot (T) Maths	Chem Rem		Chem.Co curri./vocational
		BSC III YEAR	Chem(T)	Zoo(T)	Bot(T)/ Maths			Zoology (P)	
					Physics (T/P)	Physics (P)	Physics Rem		
SAT	B SC I YEAR	Maths/ Bot (P)	Bot (T/P)/ Phy(T/P)	Phy(P)	Chem(T)	Zoo(T)	Chem Rem		Chem.Co curri./ Vocational
	BSC II YEAR		Chem(T)	Zoo (P)	Phy(T)/ Zoo (P)	Bot (T)/ Maths		Bot Rem	Phy./ Botany Co curri./ vocational
		BSC III YEAR	Chem(T)	Zoo(T)	Bot (T)/ Maths		Physics (T/P)	Zoology (P)/ Physics(P)	Zoology (P)

T= Theory, P= Practical, Rem= Remedial ,Co-curri=Co-curricular

# National Mathematics Day

22<sup>th</sup> Dec 2022

“An equation for me has no meaning unless it expresses a thought of God,” remarked Srinivasa Ramanujan Iyengar, the great Indian genius mathematician. The Department of Mathematics celebrated National Mathematics Day to commemorate Shri Srinivasa Ramanujan’s 136th birth anniversary in our college on Thursday, December 22, 2022. The celebrations aim at spreading awareness about the importance of mathematics and the contributions made by Srinivasa Ramanujan, in the field of Mathematics. Department of Mathematics organized a quiz competition on the topic “About Ramanujan’ contribution”. Some students present their thought about talks on topics Ramanujan's Life.





# National Science Day

28<sup>th</sup> Feb. 2023

National Science Day was celebrated on 28 February 2023 at Netaji Subhash Chandra Bose Government Girls P.G. College, Aliganj, under the patronage and guidance of Principal Professor Anuradha Tiwari, under the chairmanship of Professor Sharad Kumar Vaishya, Head of the Department of Physics. The theme of the program was "Global Science for Global Welfare". Addressing the students, Professor Rashmi Bishnoi, the chief guest of this program, said that science sheds light on our centuries-old traditions and tells how important it is for us. Professor Sharad Kumar Vaishya, who was conducting the program, explained the "Raman Effect" in detail and said that this is the same day when the great scientist of the country CV Raman invented the 'Raman Effect', for which he was awarded the Nobel Prize. The keynote speaker of the program, Dr. Rajiv Yadav said that science teaches us to be curious. Dr. Raghavendra Pratap Narayan explained in detail about the science related schemes (INSPIRE, KVPY, SINGLE GIRL CHILD POLICY etc.) being run by the government. In the program, the girl students of the college presented their models and charts and gave lectures related to science.

## Science Day celebrated, students visit Indra Gandhi Nakshatrashala

VOC February 28, 2023

**Lucknow.** Principal of Netaji Subhash Chandra Bose Government Women's College, Aliganj on Tuesday. Under the guidance and guidance of Prof. Anuradha Tiwari, Head of the Department of Physics. National Science Day was celebrated under the chairmanship of Sharad Kumar Vaishya. The theme of the event was "Global Science for Global Well-being". The chief guest of the program, Professor Rashmi Vishnoi while addressing the students said that science throws light on our centuries of traditions and tells how important it is for us. Prof. Prof. who is conducting the program. Explaining the "Raman Effect" in detail, Sharad Kumar Vaishya said that this is the day when the great scientist of the country CV Raman invented the 'Raman Effect', for which he was awarded the Nobel Prize.



# National Technology Day

11<sup>th</sup> May 2023

On the occasion of National Technology Day on 11th May 2023, a lecture and collage competition was organized at Netaji Subhash Chandra Bose Government Girls Post Graduate College, Aliganj Lucknow under the guidance of Principal Prof. Anuradha Tiwari. Prof. Sharad Vaishya, Head of the Department of Physics, told the students why National Technology Day is organized on 11th May 2023, Along with this, he also analyzed the importance of technology in human life. Dr. Rahul Patel, Head of the Department of Mathematics, told the students in detail about Tata Institute of Fundamental Research and other institutions related to technology research in the context of Technology Day. About 45 students participated in the program and also participated enthusiastically in the collage competition in which Ritu Rawat stood first, Komal Yadav second and Anshika Mishra third. Prof. Sharad Vaishya, Dr. Parul Mishra and Dr. Rahul Patel were the judges in the collage competition. The program was successfully conducted by Dr. Parul Mishra and the vote of thanks was given by Dr. Vishal Pratap Singh.



# Students Visit: Indira Gandhi Planetarium

On 28<sup>th</sup> Feb 2023, students visit at Indira Gandhi Planetarium or India Gandhi Nakshatrashala with Science faculty Dr. Sharad Kumar Vaish, Dr. Parul Mishra, Mr. Rahul Patel and 20 students of science faculty. Students learn most important concept of astronomy. They saw a **3D movie** show about planets. It consists of Model G-1518 with 13 panorama scenes projector along with a number of special effect projectors from Goto Optical Ltd. Which is based in Japan. The building of the Indira Gandhi Planetarium is having a shape of Saturn.



Science Day celebrated, students visit Indira Gandhi Nakshatrashala

VOG February 28, 2023

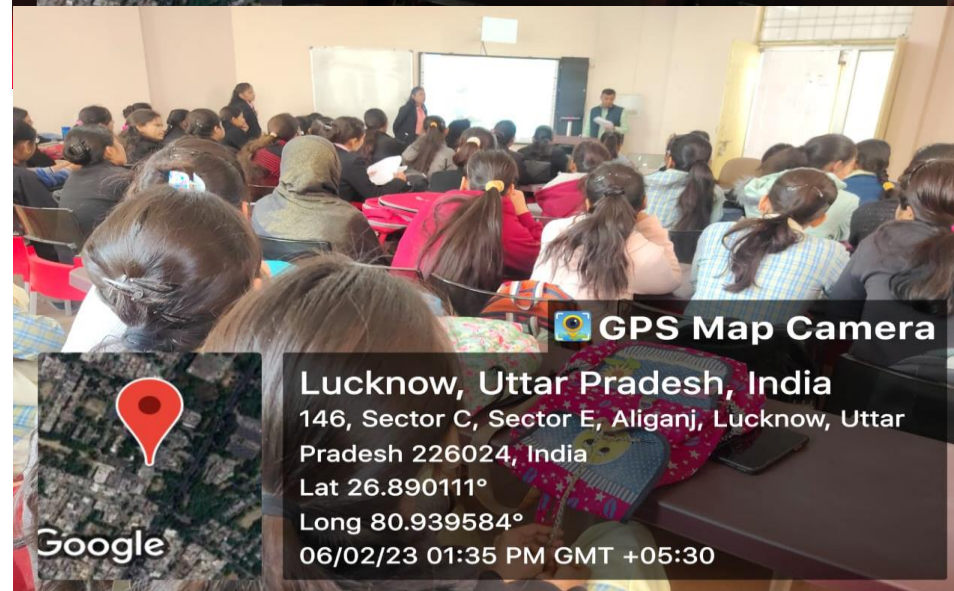
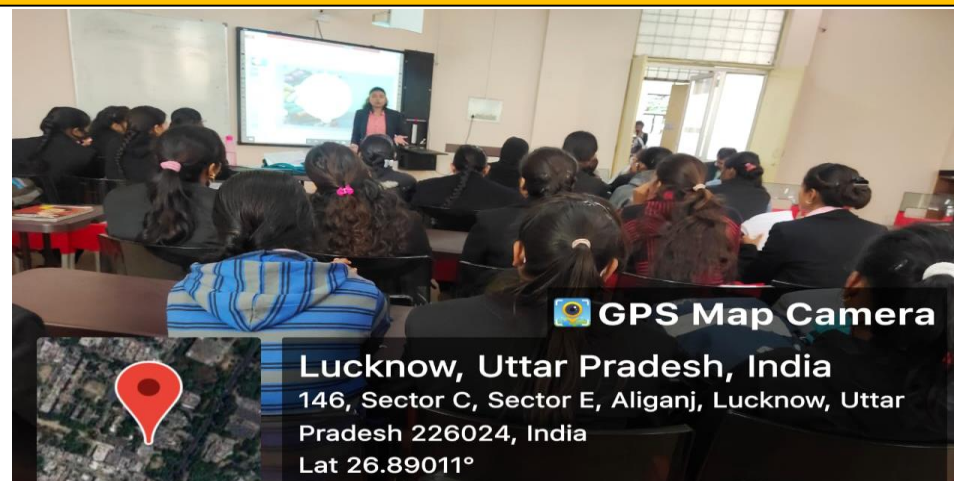
**Lucknow.** Principal of Netaji Subhash Chandra Bose Government Women's College, Aliganj on Tuesday. Under the guidance and guidance of Prof. Anuradha Tiwari, Head of the Department of Physics. National Science Day was celebrated under the chairmanship of Sharad Kumar Vaishya. The theme of the event was "Global Science for Global Well-being". The chief guest of the program, Professor Rashmi Vishnoi while addressing the students said that science throws light on our centuries of traditions and tells how important it is for us. Prof. Prof. who is conducting the program. Explaining the "Raman Effect" in detail, Sharad Kumar Vaishya said that this is the day when the great scientist of the country CV Raman invented the 'Raman Effect', for which he was awarded the Nobel Prize.



## Extension Lecture

### “Recycling and Reuse: Alternatives to Waste Management”

Today, on 06/02/2023, A program was organized A program was organized by expert Radhika Mishra with the collaboration of IIC, under the patronage and guidance of Principal Professor Anuradha Tiwari at Netaji Subhash Chandra Bose Government Girls Post Graduate College. At the starting of the program, Mr. Rahul Patel, welcomes all delegates. The main speaker of the program, **Radhika Mishra** discussed in detail on waste management, plastic recycling and circular economy. At the end of the program, vote of thanks was done by Dr. Roshni Singh, Assistant Professor of Department of Zoology. About 70 students of different departments of NSCB presents in this program.



# Session: 2021-22

<b>DEPARTMENTAL STUDENT COUNCIL</b>	
<b>President</b>	Suman Gupta D/o Mr. Ram Bharose Gupta (B.Sc. 3 <sup>rd</sup> Year)
<b>Vice President</b>	Anjali Maurya D/o Mr. Brijesh Kumar (B.Sc. 1 <sup>st</sup> Year)
<b>Secretary</b>	Vishakshi Dubey D/o Mr. Awadhesh Dubey (B.Sc. 2 <sup>nd</sup> Year)
<b>Treasurer</b>	Kritika Singh D/o Mr. Ajeet Singh (B.Sc. 2 <sup>nd</sup> Year)
<b>Class Representative</b>	
<b>B.Sc. 3<sup>rd</sup> year</b>	Preeti Gupta D/o Mr. Ajay Gupta, Mob. 07905874152
<b>B.Sc. 2<sup>nd</sup> year</b>	Swati Sahu D/o Mr. Mahesh Sahu, Mob. 07275414257
<b>B.Sc. 1<sup>st</sup> year</b>	Parvati Dixit D/o Mr. Anupam Kumar Dixit, Mob. 06306711241

# B.Sc. Mathematics Council Activity

## Quiz Competition

Date: 25/04/2022

Position	Team	Father Name
First	Team-B	Priti Gupta D/o Mr. Daulat Ram Gupta
Second	Team-A	Suman Gupta D/o Mr. Ram Bharose Gupta
Third	Team-D	Shobha Pandey

**Team-A:** Suman Gupta, Ayushi Singh, Ragini, Archana Yadav, Soni Yadav, Soumya Pal, Sneha Chaurasiya, Nainshi Sharma.

**Team-B:** Preeti Gupta, Anju, Ruchi Singh, Divya Pandey, Vishakshi Dubey, Divya Kashyap, Shweya Maurya.

**Team-D:** Shobha Pandey, Rachana Kashyap, Swati Sahu, Pooja Gupta, Tanu Kumari, Neha Prajapati, Laxmi Yadav, Rachana Tiwari.

**Judges:** 1. Dr. Vivek Tiwari

2. Dr. Parul Mishra

3. Mr. Rahul Patel

# B.Sc. Mathematics Council Activity

## Chart Competition

Date: 25/04/2022

Position	Name	Father Name
First	Vishakshi Dubey (2 <sup>nd</sup> year)	Mr. Awadhesh Dubey
Second	Meenakshi Sharma (3 <sup>rd</sup> year)	Mr. Amit Kumar Sharma
Third	Sarika Shukla (2 <sup>nd</sup> year)	Mr. Sandeep Shukla

## Essay Competition

Date: 21/04/2022

Position	Name
First	Rachna Kashyap D/o Mr. Siya Ram Kashyap (3 <sup>rd</sup> year) Pooja Gupta D/o Mr. Om Prakash Gupta (2 <sup>nd</sup> year) Geeta Khankhariyal D/o Mr. Dataram Khankhariyal (1 <sup>st</sup> year)
Second	Pooja Yadav D/o Mr. Dinesh Chandra Yadav (3 <sup>rd</sup> year) Swati Sahu D/o Mr. Mahesh Sahu (2 <sup>nd</sup> year) Divya Kashyap D/o Mr. Rajesh Kashyap (1 <sup>st</sup> year)
Third	Suman Gupta D/o Mr. Ram Bharose Gupta (3 <sup>rd</sup> year) Tanu Kumari D/o Mr. Anand Kumar (2 <sup>nd</sup> year) Komal Kashyap D/o Mr. Kaushal Kishor Kashyap (1 <sup>st</sup> year)





# Time Table

## NETAJI SUBHASH CHANDRA BOSE GOVERNMENT GIRLS P.G. COLLEGE, ALIGANJ, LUCKNOW

### Time Table: 2021-2022

### Faculty of Science

Days	Class	I	II	III	IV	V	VI	VII	VIII
		10:00-10:45	10:45-11:30	11:30-12:15	12:15-01:00	01:00-01:45	01:45-2:30	2:30-3:15	3:15-04:00
MON	B SC I YEAR	Zoology Co curri./ vocational/ Maths	Bot (T)/ Phy(T)	Chem(p)	Chem(T/P)	Zoo(T)		Maths Rem	Maths Co curri./ vocational
	BSC II YEAR		Chem(T)	Zoo (T)		Maths	Bot (P)		
					Physics (P)	Physics (T/P)	Bot(T)		Physics Rem
BSC III YEAR	Chem(T)	Zoo(T)	Bot (T)/ Maths		Phy(T)	Chemistry (P)		Bot Rem	
TUE	B SC I YEAR	Zoology Co curri./ vocational/ Maths	Bot (T)/ Phy(T)	Chem(p)	Chem(T/P)	Zoo(T)		Physics Rem	Phy. & Botany Co curri./ vocational
	BSC II YEAR		Chem(T)	Zoo (T)		Maths	Bot (P)		
					Physics (P)	Physics (T/P)	Bot(T)		Maths Rem
BSC III YEAR	Chem(T)	Zoo(T)	Bot(T)/ Maths		Phy(T)	Chemistry (P)		Chem Rem	
WED	B SC I YEAR	Maths	Bot (T) /Phy(T)	Chem(p)	Chem(T/P)	Zoo(T)			Maths&Botany Co curri./ vocational
	BSC II YEAR		Chem(T)	Zoo (T)/ Physics (P)	Physics (T/P)	Bot (T)/ Maths	Chemistry (P)		
							Phy(T)	Bot (P)	
BSC III YEAR	Chem(T)	Zoo(T)	Bot (T)					Maths Rem	
THUR	B SC I YEAR	Maths/ Bot (P)	Bot (T/P)/ Phy(T/P)	Phy(P)	Chem(T)	Zoo(T)			Chem.Co curri./vocational
	BSC II YEAR		Chem(T)	Zoo(T)	Phy(T)	Bot (T) Maths	Chemistry (P)		
			Chem(T)	Zoo(T)	Bot (T) /Maths			Bot (P)	
BSC III YEAR					Physics(T/P)	Physics(P)			
FRI	B SC I YEAR	Maths/ Bot (P)	Bot (T/P)/ Phy(T/P)	Phy(P)	Chem(T)	Zoo(T)		Bot Rem	Phy. Co curri./ vocational
	BSC II YEAR		Chem(T)	Zoo (P)	Phy(T)/ Zoo (P)	Bot (T) Maths	Chem Rem		
BSC III YEAR	Chem(T)	Zoo(T)	Bot(T)/ Maths			Zoology (P)			
SAT	B SC I YEAR	Maths/ Bot (P)	Bot (T/P)/ Phy(T/P)	Phy(P)	Chem(T)	Zoo(T)	Chem Rem		Chem.Co curri./ Vocational
	BSC II YEAR		Chem(T)	Zoo (P)	Phy(T)/ Zoo (P)	Bot (T)/ Maths		Bot Rem	
		BSC III YEAR	Chem(T)	Zoo(T)	Bot (T)/ Maths		Physics (T/P)	Zoology (P)/ Phy.(P)	Zoology (P)

T= Theory, P= Practical, Rem= Remedial ,Co-curri=Co-curricular

# National Science Day

28<sup>th</sup> Feb. 2022

The Theme of National Science Day-2022 is 'Integrated Approach in Science & Technology for Sustainable Future'.

Professor Anuradha Tiwari, Principal of the college, told the importance of science, presented the vision of a better future by coordinating science and technology in the present context. While addressing, she inspired the students to work with scientific thinking, intention. The chief speaker of the program, Dr. Sharad Kumar Vaish, Head of the Department of Physics, explained to the students in detail about the theme of Science Day, the biography of Dr. CV Raman and the Raman Effect. Describing the Raman Effect, he informed the students about spectrum, radiation, Stokes and Anti Stokes line etc. On this occasion, students presented posters related to various subjects of science. While conducting the program, Dr. Rahul Patel, Coordinator of the program, thanked the principal, keynote speaker, all the guests present and the students. On this occasion, Professors of Science Faculty Dr. Jyoti, Dr. Parul Mishra, Dr. Roshni Singh along with all the professors and staff of the college family were present and encouraged the students.



**Netaji Subhash Chandra Bose Govt. Girls P.G. College**  
Aliganj, Lucknow

**National Science Day Celebration**  
28 Feb. 2022

: Theme :  
**Integrated approach in Science & Technology for a Sustainable Development**  
(दीर्घकालिक भविष्य के लिये विज्ञान और प्रौद्योगिकी में एकीकृत दृष्टिकोण)

Organized by : Science Faculty

Organizing Committee:-  
Dr. Sharad Kumar Vaish, Dr. Pushpa Yadav  
Dr. Raghvendra Pratap Narayan, Dr. Jyoti  
Dr. Parul Mishra, Dr. Rahul Patel  
Dr. Roshni Singh

Prof. Anuradha Tiwari  
Patron/ Principal



# National Technology Day

11<sup>th</sup> May 2022

On the occasion of National Technology Day on 11th May 2022, a lecture and collage competition was organized at Netaji Subhash Chandra Bose Government Girls Post Graduate College, Aliganj Lucknow under the guidance of Principal Prof. Anuradha Tiwari. The chief speaker of the program, Dr. Vivek Tiwari, Head of the Department of Political Science, explained to the students in detail about the theme of technology day. He said that the quality of life cannot be very good without science and technology. Technological progress creates a new environment, where human qualities are becoming more and more important, and it is crucial to find a balance for this situation. On this occasion, students presented posters related to various subjects of technology, they explained the value of that day. While conducting the program, Dr. Rahul Patel, Coordinator of the program, thanked the principal, keynote speaker, all the guests present and the students. On this occasion, Professors of the college and staff of the college family were present and encouraged the students.



**Thank you**