Summary Report of the Two-Day Workshop

Workshop Title: "Mathematics for a Better Tomorrow"

Organizer: Department of Mathematics, Govt. G.N.A. P.G. College, Bhatapara, (C.G.)

Sponsor: Chhattisgarh Council of Science & Technology (CCOST), Govt. of Chhattisgarh

Date: February 24–25, 2025

Venue: Govt. G.N.A. P.G. College, Bhatapara, (C.G.)

Objective of the Workshop:

The workshop was organized to commemorate *National Mathematics Day*, with the primary objective of raising awareness about the significance of mathematics, fostering logical and analytical thinking among students, and presenting mathematics as an engaging and enjoyable subject.

Planning and Preparations:

A proposal for the workshop was submitted to the Chhattisgarh Council of Science & Technology (CCOST) by the Department of Mathematics. Upon approval, a grant of ₹ 25,000 was received. Following this, a departmental faculty meeting was held on **February 8** to strategize the workshop. Additional meetings on **February 12 and 17** finalized the workshop structure, organizing committee, target participants, session plans, and inaugural and concluding ceremonies.

Senior secondary students, undergraduate and postgraduate mathematics students, and faculty members were invited to participate. Registration details were disseminated via WhatsApp groups. The brochure for this workshop and the list of registered participants are documented in **Annexures 1** and **2**, while the tentative schedule of the workshop is outlined in **Annexure 3**.

Day 1 (February 24, 2025)

Inaugural Session:

The workshop commenced under the chairmanship of **Dr. Anand Kumar Minj**, **Principal** of the college. **Dr. Sumit Pant**, **Head**, **Department of Mathematics** and **workshop Coordinator** highlighted the workshop's objectives, program structure, and the significance of mathematics. Following the inaugural session, refreshments were served to the participants.



"Registration desk at the Two-Day Workshop on 'Mathematics for a Better Tomorrow,' G.N.A. P.G. College, Bhatapara (Feb 24, 2025)"



"Inauguration session of the Two-Day Workshop on 'Mathematics for a Better Tomorrow' at G.N.A. P.G. College, Bhatapara (Feb 24, 2025)"



"Participants enjoying high tea after the inauguration session of the workshop at G.N.A. P.G. College, Bhatapara (Feb 24, 2025)"

First Session:

• For Senior Secondary & Undergraduate Students: A session on "Logical Reasoning" was conducted by **Dr. Sumit Pant**, the workshop coordinator. The session aimed to enhance participants' logical aptitude by introducing various fundamental concepts.



"Dr. Sumit Pant, workshop coordinator, conducting a session on 'Logical Reasoning' for senior secondary and undergraduate students to enhance their logical aptitude"

• For Postgraduate Students & Faculty Members: An online lecture on "Statistical Testing of Hypotheses" was delivered by Dr. Qazi Azhad Jamal, Assistant Professor, Department of Mathematics, Shiv Nadar University, Delhi-NCR.



"Dr. Qazi Azhad Jamal, Assistant Professor at Shiv Nadar University, Delhi-NCR, delivering an online lecture on 'Statistical Testing of Hypotheses' for postgraduate students and faculty members"

Lunch Break: Lunch was arranged for all participants.

MCQ Test:

To assess participants' mathematical proficiency, a **Multiple-Choice Question (MCQ) Test** was conducted. Details of the MCQ test are provided in **Annexure 4**.



"Participants engaged in the MCQ test during the workshop at G.N.A. P.G. College (Feb 24, 2025)"

Mathematics Quiz Competition:

Based on the MCQ test results, four teams were formed for a mathematics quiz competition. Questions covered topics such as **Srinivasa Ramanujan's contributions**, **Vedic Mathematics**, **Indian Mathematicians' Achievements**, and **Mathematical Puzzles**. Participants actively engaged in the competition with great enthusiasm.



"Students participating in the Mathematics Quiz Competition at G.N.A. P.G. College (Feb 24, 2025)"

Preview of Day 2:

Dr. Deepak Kumar Yadav, the co-coordinator of the workshop, briefed participants about the schedule for the second day.

Day 2 (February 25, 2025)

First Session:

Dr. **Purushottam Jha**, Principal of Government Naveen College, Komakhan, delivered a lecture on "A Roadmap for Mathematics Education." He elaborated on the significance of mathematics education, its challenges, and strategies for making it more effective. The session was followed by refreshments.



"Dr. Purushottam Jha, Principal of Government Naveen College, Komakhan, delivering a lecture on

Second Session:

Dr. Narendra Kumar Singh, Assistant Professor, M.B. Government Postgraduate College, Haldwani, Nainital, Uttarakhand, conducted an online lecture on "How Do We Interpret Data?" The session provided an in-depth understanding of data analysis and its mathematical interpretation.





"Dr. Narendra Kumar Singh, Assistant Professor at M.B. Government PG College, Haldwani, delivering an insightful online lecture on 'How Do We Interpret Data?"

Lunch Break: Lunch was arranged for all participants.

Poster Making Competition:

Participants were given the opportunity to create posters based on topics assigned on the first day. This activity served as a platform to showcase their creativity and understanding of the subject.





"Participants engaging in a creative poster-making activity, showcasing their understanding of assigned topics from the first day of the workshop."

Valedictory Ceremony & Award Distribution:

The workshop concluded under the chairmanship of **Dr. Anand Kumar Minj**, Principal of the college. Winners of the Mathematics Quiz and Poster Making Competition (details in **Annexures 5** and **6**) were felicitated with prizes, and certificates were distributed to all

participants. The Head of the Department of Mathematics presented a brief summary of the workshop and invited participants to share their feedback and experiences.





"Awardees and participants of the workshop at G.N.A. P.G. College, Bhatapara (Feb 24-25, 2025)"

Participation Summary:

• Senior Secondary Students: 10

• Undergraduate Students: 13

• Postgraduate Students: 28

• Faculty Members: 29

• Total Registered Participants: 80

Financial Report: Statement of Expenditure and Utilization

The workshop was organized with financial support from the Chhattisgarh Council of Science & Technology (CCOST), Government of Chhattisgarh, which provided a grant of ₹ 25,000. The funds were utilized as per the approved budget, ensuring efficient resource management.

Summary of Expenditure:

Expense Category	Amount (₹)	Remarks	
Organisational Expenses	7,250	Banner, Printing, Inauguration,	
		Valedictory, Refreshments (High Tea) etc	
Speaker Honorarium and	7,750	Guest lecture fees and travel expenses	
Travel			
Certificates and Awards	5,000	Printing of certificates and prizes for	
		competitions	
Miscellaneous Expenses	5,000	Other necessary expenses	
		(Chart Paper, Colour Pens, Pencils, Paper	
		Rims, Lunch, etc)	
Total Expenditure	25,000	Fully utilized as per approved budget	

Audit and Certification:

The expenditure statement has been audited and verified. The **Utilization Certificate** (UC) (detail in **Annexure 7**) confirming the appropriate use of funds has been prepared and submitted to CCOST.

Conclusion:

The workshop successfully provided participants with an opportunity to explore various aspects of mathematics and enhance their mathematical proficiency. Through sessions on **logical reasoning, data interpretation, statistical hypothesis testing,** and **competitive activities**, students not only gained deeper insights into the subject but also learned about its practical applications.

Participants found the workshop highly beneficial and appreciated the initiative to make mathematics more engaging. Thus, the workshop concluded on a highly successful note.

Mathematics for a Better Tomorrow (24th February 2025 - 25th February, 2025)

Organized by



Department of Mathematics

Govt. G.N.A. P.G. College,

Bhatapara (Chhattisgarh)

Supported by



CCOST, Govt. of Chhattisgarh



NCSTC, DST, Govt. of India

Who Should Join?

The Workshop on *Mathematics for a Better Tomorrow* is open to:

- Faculty Members & Research Scholars
- Postgraduate & Undergraduate Students
- Senior Secondary Students

Workshop Activities & Key Highlights

- Logical Reasoning Session
- Mathematics Quiz Competition
- Guest Lectures & Expert Talks
- Hands on Activities & Demonstrations

Tentative Schedule

The tentative schedule for the Workshop on *Mathematics for a Better Tomorrow* has been shared with all registered participants via email/WhatsApp group.

Limited Seats Available

Registration will be done on a first – come, first – served basis.

No Registration Fee

This workshop is completely free of cost, providing an excellent opportunity for students.



Scan the QR code for registration

Organizing Committee

Patron

• **Dr. Anand Kumar Minj** Principal, Govt. G.N.A. P.G. College, Bhatapara

Coordinator

• **Dr. Sumit Pant**Head, Department of Mathematics,
Govt. G.N.A. P.G. College, Bhatapara

Co-Coordinator

• **Dr. Deepak Kumar Yadav**Department of Physics,
Govt. G.N.A. P.G. College, Bhatapara

Advisory Committee

• Mr. Vinay Dewangan
Department of Mathematics,
Govt. G.N.A. P.G. College, Bhatapara

• Mrs. Shruti Shukla
Department of Mathematics,
Govt. G.N.A. P.G. College, Bhatapara

For Registration, Please click here



Venue:

Department of Mathematics, Govt. G.N.A. P.G. College, Bhatapara

For more information, contact at +91 8954989565

Department of Mathematics Two Days Workshop on "Mathematics for a better tomorrow" Registration Details Form

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96	Dr. Deepika tripathi	-	deeopika.tripathi@bhu.ac.in	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	7607357513	Offline
97	shubham yadu	-	shubhamyadu5997@gmail.com	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	8817142288	Offline
98	pooja gupta	kailash gupta	1992pooja.halwai@gmail.com	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	7000483501	Offline
99	indrani markam	m.l. markam	indranimarkam186@gmail.com	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	8719949954	Offline
100	Dr.abhilasha sharma	v.k. sharma	sharma11071985@gmail.com	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	9907159218	Offline
101	prachi agrawal	sushil agrawal	agrawalprachi9221@gmail.com	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	9691650911	Offline
102	khilona kannoje	rooplal	khilonakannoje.19@gmail.com	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	9095551908	Offline
103	aditi tiwari	raghuwansh	adititiwari1206@gmail.com	M.A. IV Semester	Govt. G.N.A. P.G. College, Bhatapara	7509880111	Offline
104	sushma kumari	awanish ku. Choubey	sushamachoubey@gmail.com	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	7323947109	Offline
105	Rajesh kumar	shriram	rajeshdubey09@gmail.com	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	7898624082	Offline
106	satyam	raju ram	satyamdounde555@gmail.com	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	9340248733	Offline
107	tarun kumar	bhushan prashad	tarunkumar@251999gmail.com	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	9685144654	Offline
108	manish kumar	bhupendra	-	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	6260639767	Offline
109	vaibhav gupta	-	-	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	7987104901	Offline
110	humuk vushwakarma	-	-	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	7685626266	Offline
111	poornima sahu	rajkumar sahu	-	M.A. IV Semester	Govt. G.N.A. P.G. College, Bhatapara	6265548033	Offline
112	pinki dhiwar	sukhnandan dhiwar	-	M.A. IV Semester	Govt. G.N.A. P.G. College, Bhatapara	8349376834	Offline
113	sanju kumar	tejram	-	M.A. IV Semester	Govt. G.N.A. P.G. College, Bhatapara	8964950873	Offline
114	sandhya kurre	rajendra kurre	-	M.A. IV Semester	Govt. G.N.A. P.G. College, Bhatapara	6268652289	Offline
115	Rajesh sharma	b.l. sharma	-	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	9926144485	Offline
116	pramod mishra	sundarlal	-	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	877760135	Offline
117	yogita baghel	leleshwar prashad	-	M.A. IV Semester	Govt. G.N.A. P.G. College, Bhatapara	6265916586	Offline
118	somesh sinha	suresh sinha	-	M.A. IV Semester	Govt. G.N.A. P.G. College, Bhatapara	7000485718	Offline
119	subboo das	anand das	-	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	8319865036	Offline
120	arjun singh	shreeprem	-	Faculty Members	Govt. G.N.A. P.G. College, Bhatapara	7987064141	Offline

Total Responses = 120

Total Senior Secondary Students = 10
Total Undergraduate Students = 13
Total Postgraduate Students = 28
Total Faculty Members = 29
Total Registered Participants = 80

Department of Mathematics

Two days workshop on "Mathematics for a Better Tomorrow"

Tentative Schedule

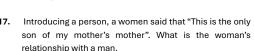
Time	Activity Details		Venue
	Day 1	(24 February 2025)	
10:00-11:00 A.M.	Registration	Participants sign in, receive their	Open Gallery
	& Welcome	welcome kits, schedule, & badges.	Block – B
11:00-11:30 A.M.	Inauguration Ceremony	Introduction to the workshop	Room No. 35
	& Opening Session	objectives & agenda.	Block – B
11:30-12:00 Noon		High Tea	
	Logical Reasoning Session	For Senior Secondary	Room No. 45
	(Dr. Sumit Pant)	& Undergraduate Students	Block – B
12:00-02:00 P.M.	Expert Talk	For Postgraduate Students	PGDCA Lab
	Lecture Title: "Statistical testing of	& Faculty Members	Block – A
	Hypotheses"		
	(Resource Person: Dr. Qazi Azhad		
	Jamal)		
02:00-03:00 P.M.		Lunch-Break	
03:00-04:00 P.M.	MCQ Test	For all Participants	Room No. 41 & 45
		(Senior Secondary, Undergraduates	Block – B
		& Postgraduate Students)	
04:00-05:30 P.M.	Mathematics Quiz Competition	On the basis of MCQ Test Result	Room No. 35
			Block – B
	Day 2	(25 February 2025)	
	Guest lecture		Room No. 35
11:00-12:30 P.M.	Lecture Title: "A Roadmap for	For all Participants	Block – B
	Mathematics Education"		
	(Resource Person: Dr. P. Jha)		
12:30-01:00 P.M.		High Tea	
	Expert Talk		PGDCA Lab
01:00-02:30 P.M.	Lecture Title: "How do we interpret	For all Participants	Block – A
	Data?"		
	(Resource Person: Dr. Narendra		
	Kumar Singh)		
02:30-03:00 P.M.		Lunch-Break	
	Mathematics Poster Making	For all Participants	Room No. 33 & Open Gallery
03:00-05:00 P.M.	Competition		Block – B
	Award Ceremony	To winners of the quiz competitions/	Room No. 35
		Poster Making competitions	Block – B
05:00-05:30 P.M.		& certificate of participations.	
	Vote of Thanks and Closing	Recap of key takeaways from the two-	Room No. 35
	Ceremony	day event & thanks to sponsors,	Block – B
		partners, and participants.	

Multiple Choice Questions Test

Max. Marks: 20 Time: 30 Min.

- In a group of five people K, L and M are ambitious. M, N and R are honest. L, M and N are intelligent, K, N and R are industrious. Out of this group the person(s) who is (are) neither industrious nor ambitious is (are)
 - a) Only K
 - b) L and R
 - c) M and N
 - d) None of the above group
- 2. What percent of one rupee is 4 paise?
 - a) 4%
 - b) 0.4%
 - c) 0.04%
 - d) 40%
- 3. Sum of how many terms of the series $24, 21, 18, \dots$ is 78?
 - a) 5 or 12
 - b) 7 or 14
 - c) 4 or 13
 - d) 6 or 10
- 4. How many squares are there in the given figure?
 - a) 18
 - b) 14
 - c) 10
 - d) 9
- 5. Sohan walks 10 km East. Then he turns right and walks 15 km. Then he further turns right and walks 10 km. Then he turns left and walks 20 km. In which direction and how far away in km is he from his original position?
 - a) 25 km North
 - b) 35 km South
 - c) 45 km South
 - d) 35 km North
- A number is as much greater than 36 as is less than 86.
 Find the number.
 - a) 63
 - b) 72
 - c) 61
 - d) 56
- 7. In a storm the top of a vertical tree after bending from a height of 5 meter from the earth, meets the earth at a distance of 12 meter in the horizon from its base. The height of the tree is
 - a) 7 meter
 - b) 13 meter
 - c) 17 meter
 - d) 18 meter
- 8. If $a = 3 + 2\sqrt{2}$ and $b = \frac{1}{a}$ then the value of $a^2 + b^2$ is
 - a) 36
 - b) 34
 - c) 38
 - d) $34\sqrt{2}$
- **9.** Out of the numbers $\sqrt{2}$, $\sqrt[3]{3}$, $\sqrt[4]{4}$ the largest number is
 - a) $\sqrt{2}$
 - b) ³√3
 - c) ⁴√4
 - d) All are equal
- **10.** If the mean of a, b, c, d and e is 28 and the mean of a, c and e is 24 then the mean of b and d is
 - a) 31
 - b) 32
 - c) 34
 - d) 33

- 11. If '+' means 'x', '-' means '÷', 'x' means '+' and '÷' means '-'. Then which of the following equation is correct?
 - a) $18 + 6 4 \times 2 \div 3 = 26$
 - b) $18 \div 6 + 4 2 \div 3 = 22$
 - c) $18 6 \times 7 \div 2 + 8 = 63$
 - d) $18 \times 6 4 + 7 \times 8 = 47$
- **12.** A number when divided by 32, the remainder is 29. The same when divided by 8, the remainder is
 - a) 1
 - b) 3
 - c) 5
 - d) 7
- **13.** If (x-1) is a factor of $4x^3 + 3x^2 4x + k$, then the value of k is
 - a) 3
 - b) 4
 - c) -3
 - d) -4
- **14.** The square root of $(8-4\sqrt{3})$ is
 - a) $(2 \sqrt{3})$
 - b) $(2\sqrt{3}-1)$
 - c) $(\sqrt{6} \sqrt{2})$
 - $(\sqrt{6} \sqrt{3})$
- **15.** If *A*, *B* and *C* finishes any work in 15, 12 and 20 days respectively, then the three together will complete this work in how many days?
 - a) 5
 - b) 6
 - c) 10
 - d) 8
- **16.** How many triangles are there in the given figure?
 - a) 20
 - b) 25
 - c) 30
 - d) 50



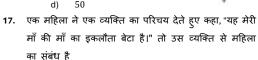
- a) Mother
- b) Niece
- c) Sister
- d) Daughter
- **18.** What time minute hand and hour hand will make right angle with each other between 12:00 to 1:00.
 - a) $12:16\frac{5}{11}$
 - b) 12:15
 - c) $12:16\frac{4}{11}$
 - d) 12: 17 4/11
- 19. If any money becomes 7 times in 20 years, then in how many years it will be 13 times?
 - a) 30
 - b) 40
 - c) 50d) 45
- 20. Five bells' rings together at an interval of 3,5,8,9 and 10 seconds. After how much time will they ring together again?
 - a) 5 minutes
 - b) 6 minutes
 - c) 7 minutes
 - d) 2 minutes

Multiple Choice Questions Test

Max. Marks: 20 Time: 30 Min.

- पाँच लोगों के समृह में K, L और M महत्वाकांक्षी है। M, N और R ईमानदार है; L,M और N ब्द्धिमान हैं और K,N और R परिश्रमी हैं। इस समूह में कौन-सा व्यक्ति न तो परिश्रमी है और न ही महत्वाकांक्षी ?
 - केवलKa)
 - L और R b)
 - M और N c)
 - इनमें से कोई नहीं
- 4 पैसे एक रुपये का कितना प्रतिशत है?
 - 4% a)
 - 0.4% b)
 - 0.04%
 - 40%
- श्रेणी 24, 21, 18, ... के कितने पदों का योग 78 होगा ?
 - 5 या 12 a)
 - 7 या 14 b)
 - 4 या 13
 - d) 6 या 10
- दी गई आकृति में कुल कितने वर्ग हैं?
 - a) 18
 - b)
 - c)
 - d)
 - 14 10 9
- सोहन 10 किमी पूर्व की ओर चलता है। फिर वह दाएँ मुड़कर 15 किमी चलता है। इसके बाद वह फिर दाएँ मुझकर 10 किमी चलता है। फिर वह बाएँ म्ड़कर 20 किमी चलता है। तो वह अपनी प्रारंभिक स्थिति से किस दिशा में और कितनी दूरी पर है ?
 - a) 25 किमी उत्तर
 - 35 किमी दक्षिण
 - 45 किमी दक्षिण
 - 35 किमी उत्तर
- एक संख्या 36 से उतनी अधिक है जितनी 86 से कम। यह संख्या है
 - a) 63
 - 72 b)
 - 61 c)
 - 56
- आँधी के दौरान, एक खड़ा पेड़ 5 मीटर की ऊँचाई पर से म्ड़कर ज़मीन से 12 मीटर की दूरी पर मिल जाता है। पेड़ की कुल ऊँचाई है
 - 7 मीटर a)
 - b) 13 मीटर
 - 17 मीटर
 - 18 मीटर
- यदि $a = 3 + 2\sqrt{2}$ और $b = \frac{1}{a}$ हो, तो $a^2 + b^2$ का मान है
 - a)
 - b) 34
 - c)
 - d) $34\sqrt{2}$
- संख्याओं √2, ∛3, ∜4 में से सबसे बड़ी संख्या है
 - $\sqrt{2}$ a)
 - b) ³√3
 - ∜4 c)
 - सभी समान हैं
- **10.** यदि a, b, c, d और e का औसत 28 है और a, c और e का औसत 24 है, तो b और d का औसत होगा
 - 31
 - b) 32
 - c) 34
 - 33

- 11. यदि '+' का अर्थ '×','-'का अर्थ '÷','×'का अर्थ '+' और '÷'का अर्थ '–' हो, तो निम्नलिखित में से कौन-सा समीकरण सही होगा?
 - $18 + 6 4 \times 2 \div 3 = 26$
 - $18 \div 6 + 4 2 \div 3 = 22$
 - $18 6 \times 7 \div 2 + 8 = 63$
 - $18 \times 6 4 + 7 \times 8 = 47$
- 12. किसी संख्या को 32 से भाग देने पर शेषफल 29 है। उसी संख्या को 8 से भाग देने पर शेषफल होगा
 - a)
 - b) 3 c)
 - 5 d)
- **13.** यदि (x-1), $4x^3 + 3x^2 4x + k$ का गुणनखंड है, तो k का मान होगा
 - a)
 - b)
 - -3c)
 - d) -4
- **14.** $(8-4\sqrt{3})$ का वर्गमूल है
 - $(2 \sqrt{3})$ a)
 - $(2\sqrt{3}-1)$ b)
 - $(\sqrt{6}-\sqrt{2})$ c)
 - $(\sqrt{6}-\sqrt{3})$
- **15.** यदि A, B और C क्रमशः 15, 12 और 20 दिनों में कोई कार्य पूरा करते हैं, तो तीनों मिलकर इस कार्य को कितने दिनों में पूरा करेंगे ?
 - a)
 - b) 6
 - 10 c)
 - 8
- 16. दी गई आकृति में कुल कितने त्रिभुज हैं?
 - a) 20
 - b) 25
 - 30 c)
 - d) 50



- a) माँ
- भतीजी
- बहन c)
- बेटी d)
- 18. घड़ी में मिनट और घंटे की सुई 12 से 1 बजे के बीच कितने समय पर समकोण बनाएँगी?
 - $12:16\frac{5}{11}$ a)
 - 12:15
 - $12:16\frac{4}{11}$
 - 12: 17 $\frac{4}{11}$ d)
- 19. यदि कोई राशि 20 वर्षों में 7 गुना हो जाती है, तो 13 गुना होने में कितने वर्ष लगेंगे?
 - 30 a)
 - b)
 - 50 c)
 - d) 45
- 20. पाँच घंटियाँ क्रमशः 3,5,8,9 और 10 सेकंड के अंतराल पर बजती हैं। वे कितनी देर बाद फिर से एक साथ बजेंगी?
 - a) 5 मिनट
 - b) 6 मिनट
 - ७ मिनट c)
 - 2 मिनट

Department of Mathematics

Govt. G.N.A. P.G. College, Bhatapara (C.G.)

Mathematics Quiz Competition Result

Rank	Team Name	Participant Name	School/Institution	
1st	Bhaskaracharya	Laksaya Verma	Jaycees Convent Higher Secondary School	
		Bhumika Verma	Govt. G.N.A. P.G. College, Bhatapara	
		Pallavi	Govt. G.N.A. P.G. College, Bhatapara	
2nd	Ramanujan	Akshat Gupta	Jaycees Convent Higher Secondary School	
		Laxmi Sahu	Govt. G.N.A. P.G. College, Bhatapara	
		Kumkum Jain	Govt. G.N.A. P.G. College, Bhatapara	
3rd	Aryabhata	Namrata Sahu	Jaycees Convent Higher Secondary School	
		Tripti Sahu	Govt. G.N.A. P.G. College, Bhatapara	
		Bharti Netam	Govt. G.N.A. P.G. College, Bhatapara	
Consolation	Varahamihira	Rishika Prajapati	Jaycees Convent Higher Secondary School	
		Bhumika Yadav	Govt. G.N.A. P.G. College, Bhatapara	
		Anjana	Govt. G.N.A. P.G. College, Bhatapara	

Judge Panel Details:

Judge Name	Designation	Institution/Organization	Signature
Mr. Rohan Agarwal	Assistant	Govt. G.N.A. P.G.	
	Professor	College, Bhatapara (C.G.)	Roberton
	(Commerce)	_ , ,	
Ms. Indrani Markam	Assistant	Govt. G.N.A. P.G.	
	Professor	College, Bhatapara (C.G.)	Marde
	(Economics)	_ ,	
Dr. Deepika Tripathi	Assistant	Govt. G.N.A. P.G.	Dufti
	Professor	College, Bhatapara (C.G.)	Muy
	(Botany)	. , ,	, ,

Event Coordinator Details:

Coordinator Name: Dr. Deepak Kumar Yaday

Designation: Assistant Professor (Physics)

Signature: Teepak kumar

Date: 24 Feb 2025

Department of Mathematics

Govt, G.N.A. P.G. College, Bhatapara (C.G.)

Poster Making Competition Result

Poster Making Competition Result:

Rank	Participant Name	Theme/Topic	School/Institution
1st	Damini Verma	रोजमर्रा की जिंदगी में गणित का महत्व	Jaycees Convent Higher Secondary School
2nd	Kanika Sahu	श्रीनिवास रामानुजन और उनकी संख्याओं की दुनिया	Govt. G.N.A. P.G. College, Bhatapara
3rd	Aditi Tiwari	खेलों में गणित	Govt. G.N.A. P.G. College, Bhatapara
Consolation	Kumkum Jain	वैदिक गणित के ट्रिक्स	Govt. G.N.A. P.G. College, Bhatapara

Judge Panel Details:

Judge Name	Designation	Institution/Organization	Signature
Dr. Rajan Tiwari	Assistant	Govt. G.N.A. P.G.	
	Professor	College, Bhatapara (C.G.)	715)
	(Pol. Science)		
Dr. Manish Kumar	Guest Faculty	Govt. G.N.A. P.G.	Carish Luman
	(Hindi)	College, Bhatapara (C.G.)	Meniz
Mr. Vinay Dewangan	Guest Faculty	Govt. G.N.A. P.G.	
	(Mathematics)	College, Bhatapara (C.G.)	Y

Event Coordinator Details:

Coordinator Name: Dr. Sumit Pant

Designation: Assistant Professor (Mathematics)

Signature:

Date: 25 Feb 2025



Santosh Sachdev & Co.

Chartered Accountants



FUND UTILIZATION CERTIFICATE

Govt. G.N.A. P.G. COLLEGE, BHATAPARA

Income & Expenditure Account for the period 01.01.2025 to 07.03.2025

Expenditure	Amount (Rs.)	Income	Amount (Rs.)
Expenditure Organisational Expenses Speaker Honorarium & Travel Expenses Certificates & Award Expenses Miscellaneous Expenses	7250.00 7750.00 5000.00 5000.00	Income Fees Received	25000.00
Total	25000.00	Total	25000.00

Place: Bhatapara Date: 07.03.2025

UDIN: 25423099BMJRTZ3623

For, Santosh Sachdev & Co. Chartered Accountants

> Santosh Sachdev M.No.- 423099

> > FRN No.- 024158C





दो दिवसीय गणितीय कार्यशाला का समापन

भाटापारा @ पत्रिका. शासकीय गजानन्द स्नातकोत्तर महाविद्यालय में आयोजित 'बेहतर कल के लिए गणित' विषय पर दो दिवसीय कार्यशाला का समापन किया गया। समापन सत्र की अध्यक्षता महाविद्यालय के प्राचार्य डॉ. आनन्द कुमार मिंज ने किया। कार्यक्रम की सारांश गणित विभाग के विभागाध्यक्ष डॉ. सुमित पंत ने प्रस्तुत की। संचालन डॉ. दीपक कुमार यादव ने किया।

कार्यशाला के दूसरे दिन प्रथम सत्र में प्रो. पुरुषोत्तम झा प्राचार्य, शासकीय नवीन महाविद्यालय कोमाखान महासमुंद ने 'रोड मैप फार मैथेमेटिक एजुकेशन' विषय पर सारगर्भित वक्तव्य दिया। कार्यशाला की अगली कड़ी में मोतीराम बाबूराम



राजकीय महाविद्यालय, हल्द्वानी नैनीताल (उत्तराखण्ड) के डॉ. नरेन्द्र कुमार सिंह ने ऑनलाइन माध्यम से 'हाउ डू वी इंटरप्रीटेट डाटा' विषय पर मनोरंजक एवं ज्ञानवर्धक वक्तव्य दिया। कार्यशाला के ऑतम दौर में प्रतिभागियों की अभिरूचि के अनुसार पोस्टर मेकिंग प्रतियोगिता का आयोजन किया जिसमें दामिनी वर्मा प्रथम, कनिका साहू द्वितीय, अदिति तिवारी तृतीय एवं कुमकुम जैन ने सात्वांना पुरस्कार प्राप्त किया। कार्यशाला के प्रथम दिन आयोजित प्रश्नोत्तरी प्रतियोगिता में

टीम भास्कराचार्य प्रथम, टीम रामानुजन द्वितीय एवं टीम आर्यभट्ट तृतीय स्थान पर रही। कार्यशाला के समापन सत्र का धन्यवाद ज्ञापन डॉ राजन तिवारी ने किया।

इस अवसर पर जितेन्द्र यादव, राजेश कुमार, मनीष कुमार सरवैया, गुप्तेश्वर साहू, डॉ. प्रीति सोनी, रोहन अग्रवाल, डॉ नवनीत द्विवेदी डॉ. दीपिका त्रिपाठी, इंद्राणी मरकाम, ऋतम्भरा चौहान, आशीष तिवारी, हरियर खाण्डे, खिलौना कन्नौजे, विनय देवांगन, श्रुति शुक्ला, डॉ. अभिलाषा शर्मा आदि उपस्थित थे।

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