

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY

Accredited with 'A+' Grade by NAAC | Affiliated to Adikavi Nannaya University

DEPARTMENT OF MATHEMATICS & MATHS CLUB

ACTIVITY REPORT

NIELS HENRIK ABEL'S BIRTHDAY CELEBRATION

Program: TALENT HUNT USING AI

EVENT DETAILS

Name of the Activity	Niels Henrik Abel's Birthday Celebration — Talent Hunt Using AI
Date of Event	5th August 2025
Organizing Department	Department of Mathematics & Maths Club in Association with Department of Computer Science
Venue	Government College (Autonomous), Rajahmundry
Target Audience	Students of 8th, 9th and 10th Classes from Nearby Schools
Number of Participants	Approximately 125 Students
Mode of Activity	Online Talent Hunt / AI-Based Quiz
Participating Schools	Chunnilal Rotary MPL Corp. High School (Kambalapeta); Nehru Nagar MPL High School; S.K.R.R. School; C.J.R.M. High School

1. ABOUT NIELS HENRIK ABEL

Niels Henrik Abel (5 August 1802 – 6 April 1829) was a Norwegian mathematician who made pioneering contributions to mathematics, particularly in the field of algebra. Despite his tragically short life, Abel proved the impossibility of solving the general quintic equation by radicals, a problem that had baffled mathematicians for centuries. His work laid the foundation for what is now known as 'Abelian Groups' and 'Abelian Functions' — fundamental concepts in modern abstract algebra. The Department of Mathematics, Government College (Autonomous), Rajahmundry, celebrates his birthday each year to inspire students and honor his extraordinary contributions to the mathematical world.

2. BACKGROUND AND OBJECTIVES

On the occasion of Abel's Birthday, the Department of Mathematics & Maths Club in association with the Department of Computer Science organized 'TALENT HUNT USING AI' to students of 8th, 9th, and 10th classes from nearby schools. The activity aimed to:

- Celebrate the birthday of the great mathematician Niels Henrik Abel and inspire students through his life and work.
- Introduce students to the application of Artificial Intelligence (AI) in the field of Mathematics and general knowledge.
- Develop critical thinking, problem-solving, and logical reasoning skills through an engaging online quiz format.
- Foster interest in Mathematics and technology among school students.
- Encourage inter-school participation and healthy academic competition.
- Bridge the gap between school-level curriculum and cutting-edge technology like AI.

3. PROCEDURE / PLAN OF ACTION

The event was meticulously planned and executed by the Department of Mathematics in coordination with the Department of Computer Science. The following steps were undertaken:

- Circular/Notice was issued to nearby schools inviting students of classes 8th, 9th, and 10th.
- Department Minutes and Resolution were passed for organizing the event.
- Principal's Permission Letter was obtained prior to the event.
- Brief Note on Activity, Aims, Objectives, Procedure, and Outcome was prepared.
- A Minute-to-Minute Programme (Plan of Action) was charted by the organizing committee.
- The online 'Talent Hunt using AI' quiz was designed integrating AI tools with Mathematical and general knowledge questions.
- Students from four schools participated actively. Around 125 students took part in the online Talent Hunt and enjoyed the quiz while participating.
- Student Feedback was collected after the event for assessment and improvement.

4. DIGNITARIES AND COORDINATORS

The event was graced by the presence of distinguished faculty members who played a pivotal role in its successful conduct:

S.No	Name & Designation	Role in the Event
1	Dr. R.K. Ramachandra, Principal	Graced the occasion and encouraged the students
2	Dr. J. Suneel Kumar, HOD, Dept. of Computer Science	Acted as Quiz Master and conducted the programme successfully
3	G. Chandra Sekhar, HOD, Dept. of Mathematics	Coordinated the programme and maintained discipline among school children
4	Dr. D.V.N.S. Murthy, Vice Principal	Coordinated the programme and maintained discipline
5	All Faculty Members, Dept. of Mathematics	Coordinated the programme and maintained school children in discipline

5. OUTCOMES AND IMPACT

The event was conducted successfully and yielded the following outcomes:

- Approximately 125 students from 4 nearby schools actively participated in the Talent Hunt Using AI.
- Students gained awareness about Niels Henrik Abel's monumental contributions to mathematics.
- Students were introduced to the emerging field of Artificial Intelligence and its integration with academics.
- The online quiz format enhanced digital literacy and competitive spirit among young learners.
- The event bridged school-level education with higher education through experiential learning.
- Winners (Prize positions I, II, III) were recognized and encouraged, motivating broader participation.
- Student feedback was positive, indicating a high level of engagement and satisfaction.
- The event strengthened the college's outreach and relationship with nearby schools.

6. PRIZE WINNERS

Prize	Name of Student	Class	School
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I Prize	P. Durga Tanusri	10th C	N.N.M.C.H.S.
II Prize	Y. Hanika	IX A	Chunnilal Rotary MPL Corp. High School
III Prize	V. Udaya Sai Lakshmi	IX C	Chunnilal Rotary MPL Corp. High School

7. NAAC CRITERIA ALIGNMENT

NAAC Criterion	Relevance
Criterion I – Curricular Aspects	Integration of AI tools with mathematics promotes interdisciplinary curriculum.
Criterion II – Teaching-Learning & Evaluation	Interactive AI-based quiz promoted innovative teaching-learning beyond classroom boundaries.
Criterion III – Research, Innovations & Extension	Outreach activity to 4 nearby schools; introduction of AI in education reflects innovation and extension activities.
Criterion V – Student Support & Progression	Encouraging school students through inter-school competitions supports academic progression and career motivation.
Criterion VII – Institutional Values & Best Practices	Celebrating the birthday of a great mathematician promotes scientific temperament and institutional values.

8. LIST OF PARTICIPANTS

The following students from nearby schools participated in the Talent Hunt Using AI event:

S.No	Name of the Student	Class	School
1	A. Satya Sanjay	X-A	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
2	J. Poorvallika	X A	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
3	K. Hema	X A	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
4	M. Shasmila	X A	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
5	M. Anuradha	X A	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
6	K. Naveen	X B	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
7	B. Srinivas	X B	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
8	V. Blessy Krupa Rani	X B	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta

9	M. Yaeswini	X B	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
10	Ch. Hema Ganga Tejaswini	X B	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
11	K. Kusuma	IX A	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
12	Y. Hanika (II)	IX A	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
13	G. Akash Varma	IX A	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
14	N. Sai Santhosh	IX A	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
15	B. Mangyna	IX B	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
16	M. Srivalli	IX B	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
17	G. Giawsangi	IX B	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
18	M. Sanjay	IX B	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
19	V. Udaya Sai Lakshmi (III)	IX C	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
20	P. Snehitha	IX C	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
21	T. Tanavi	IX C	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
22	N. Nikhil	IX C	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
23	R. Venu Karthik	IX C	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
24	Ch. Mexy Grace	VIII A	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
25	M. Lasya Sree	VIII B	Chunnilal Rotary Mpl. Corp. High School, Kambalapeta
26	G. Madhavi	8th A	S.K.R.R School
27	K. Dhana Lakshmi	8th A	S.K.R.R School
28	Sk. Jareena Begum	8th A	S.K.R.R School
29	Y. Jyosthna	10 B	S.K.R.R School
30	S. Yoga Varshini	10 B	S.K.R.R School
31	I. Usha Deepika	10 B	S.K.R.R School
32	K. Keerthana	10 A	S.K.R.R School

33	E. Vishnu Sandhya	10 B	S.K.R.R School
34	B. Sai Ramya	10 B	S.K.R.R School
35	Behera Rajeswari	8 B	S.K.R.R School
36	B. Nithya Adi Lakshmi	8 C	S.K.R.R School
37	Shaik. Shabina Bhanu	8 B	S.K.R.R School
38	P. Gagana	9 A	S.K.R.R School
39	S. Afreen	9 B	S.K.R.R School
40	K. Greeshma	9 B	S.K.R.R School
41	U. Keerthi	9 B	S.K.R.R School
42	K.S.S. Nandini	9 B	S.K.R.R School
43	D. Iswarya	9 B	S.K.R.R School
44	Y. Sathvika Pooja	8 B	S.K.R.R School
45	A. Mourika	8 B	S.K.R.R School
46	D. Shravya Sri	9 A	N.N.M.C.H.S
47	P. Durga Tanusri (I)	10 C	N.N.M.C.H.S
48	A. Tirumala Nagalakshmi	10 C	Nehru Nagar MPL High School
49	K. Satya Sai Poojitha	10 C	Nehru Nagar MPL High School
50	SK. Ameena	10 C	Nehru Nagar MPL High School
51	V. Nagalakshmi	10 C	Nehru Nagar MPL High School
52	G. Sirichandana	8 C	Nehru Nagar MPL High School
53	G.V.V.S. Aparna Devi	9 A	Nehru Nagar MPL Corp High School
54	K. Manasa	9 A	Nehru Nagar MPL Corp High School
55	S. Moksha Sri	10 B	Nehru Nagar MPL High School
56	A. Priyadarshini (II)	10 B	Nehru Nagar MPL High School
57	P. Yashasvi Batwika (III)	10 C	Nehru Nagar MPL High School
58	A. Pranavi	10 B	Nehru Nagar MPL High School
59	G. Padma Priya	10 B	Nehru Nagar MPL High School
60	S. Gowri Priya	9 B	Nehru Nagar MPL High School
61	P. Sowjanya	9 B	Nehru Nagar MPL High School
62	A. Udaya Sri	8 C	Nehru Nagar MPL HS
63	R. Mohona Sri Gayatri	8 B	Nehru Nagar MPL HS
64	K. Angel	8 B	Nehru Nagar MPL HS
65	A. Vanistha Fazul	8 B	Nehru Nagar MPL HS
66	M. Loukya	10 A	Nehru Nagar MPL Corp. HS

67	A. Samyuktha	10 A	Nehru Nagar MPL Corp. HS
68	K. Leela Visalakshi	10 A	Nehru Nagar MPL Corp. HS
69	D. Shamma Ruffee	10 C	Nehru Nagar MPL Corp. HS
70	R. Durga Prasad	9 B	Nehru Nagar MPL Corp. HS
71	Md. Suhel Ahamed	9 A	Nehru Nagar MPL Corp. HS
72	M. Vamsi Krishna	9 A	Nehru Nagar MPL Corp. HS
73	B. Kailash	8 B	S.K.T.R. MCH School
74	SK. Arief Valli	8 B	S.K.Y.R. MCH School
75	K. Sri Hah Shah	8 B	S.K.Y.R. MCH School
76	A. Charan Teja	8 B	S.K.Y.R. MCH School
77	G. Batuk Jay	10 B	Nehru Nagar MPL School
78	V. Bhanush Naga Sai	10 A	Nehru Nagar MPL School
79	M. Essak	10 A	Nehru Nagar MPL School
80	B. Hanok	10 B	Nehru Nagar MPL Corp. School
81	SK. Farooq	9 C	Nehru Nagar MPL Corp. School
82	H.J.N. Jaswanth Kumar	9 C	Nehru Nagar MPL Corp. School
83	M. Santhosh	9 C	Nehru Nagar MPL Corp. School
84	Ch. Sandeep	8 C	Nehru Nagar MPL Com. High
85	S. Mokshith	8 C	Nehru Nagar MPL Corp. High
86	Ch. Mokshajna (I)	8 A	Nehru Nagar MPL 101 P High
87	G. V. Abhishaik Revanth	8 B	Nehru Nagar MPL Corp. High
88	P. Sridis	8 C	Nehru Nagar MPL C.H.S.
89	T. Kesava Balaji	9 B	Nehru Nagar MPL CHS
90	A.N.V. Pavan Kumar	9 B	N.N.H.C.H.S
91	K. Hema	10 A	C.J.R.M. High School
92	M. Anuradha	10th	C.J.R.M. High School
93	J. Poorvallika	10th	C.J.R.M. High School
94	M. Elanila	10th	C.J.R.M. High School
95	M. Yasaswini	10th	C.J.R.M. High School
96	V. Blessy Rani	10th	C.J.R.M. High School
97	Ch. Hema	10th	C.J.R.M. High School



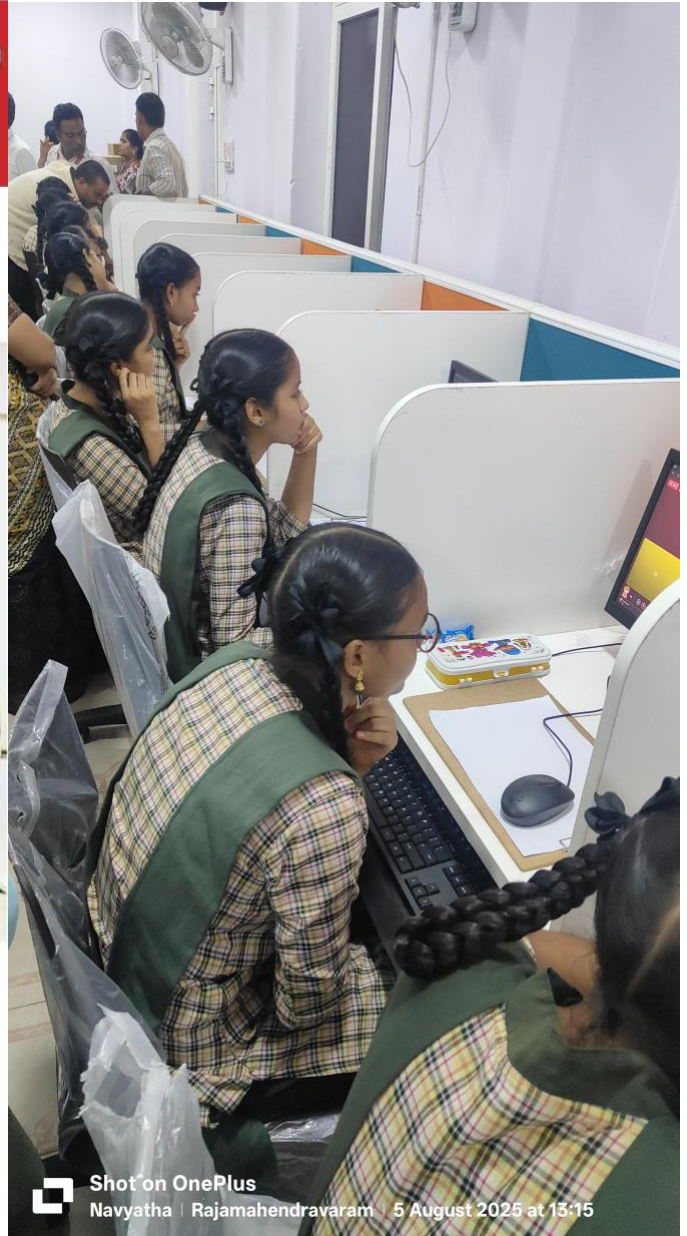
నీల్స్ హెన్రిక్ జయంతి



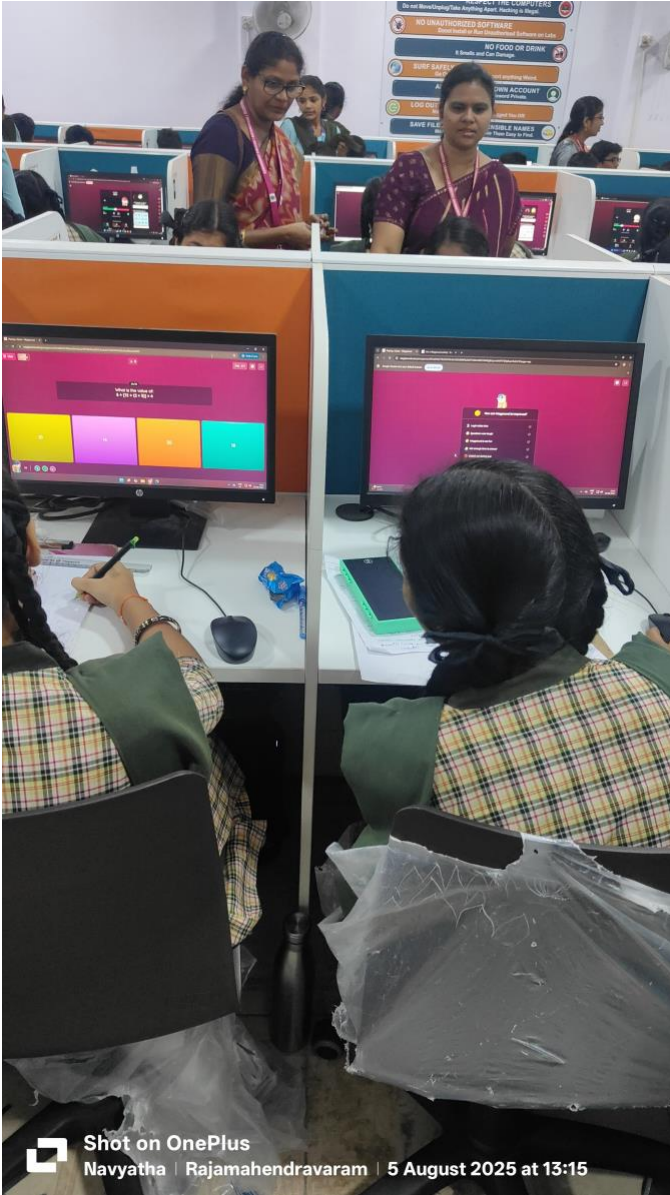
గణితంలో ప్రతిభా పరీక్షలు

రాజమహేంద్రవరం ఆర్కాన్, ఆగస్టు 5 (ఆంధ్రజ్యోతి): ఆర్ట్స్ కళాశాల గణితశాస్త్ర విభాగంలో కంప్యూటర్ సైన్స్ సహాయంతో ప్రవచన గ

ణిత మేడావి నీల్స్ హెన్రిక్ ఎబుల్స్ జయంతిని నిర్వహించారు. ఈ సందర్భంగా మున్సిపల్ స్కూల్స్ విద్యార్థులకు కంప్యూటర్ ల్యాబ్ టెక్నో స్పీయర్ లో ఏఐ సహాయంతో గణితంలో ఆన్లైన్ టాలెంట్ హంట్ నిర్వహించారు.



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Navyatha | Rajamahendravaram | 5 August 2025 at 13:15



Shot on OnePlus
Navyatha | Rajamahendravaram | 5 August 2025 at 13:15



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Navyatha | Rajamahendravaram | 5 August 2025 at 13:16

ఈనాడు తూర్పుగోదావరి

బుధవారం ఆగస్టు 6, 2025

5

గణితంలో ప్రతిభా పరీక్షలు

డేవీచాక్: ప్రపంచ గణిత మేధావి నీల్స్ హెన్రిక్ ఎబుల్స్ జయంతి పురస్కరించుకుని రాజమహేంద్రవరం ప్రభుత్వ ఆర్ట్స్ కళాశాలలో పాఠశాల విద్యార్థులకు సోమవారం ఆన్లైన్ టాలెంట్ హండ్ పరీక్ష నిర్వహించారు. అంతకుముందు హెన్రిక్ ఎబుల్స్ చిత్రపటానికి ప్రీస్విపల్ డాక్టర్ కె.రామచంద్ర రావు, ఇతర అధ్యాపకులు పూల మాలవేసి ఘనంగా నివాళులర్పించారు. అనంతరం పరిసర ప్రాంతాల్లోని నగరపాలక సంస్థ విద్యార్థులను తీసుకువచ్చి టెక్నో స్పియర్ కంప్యూటర్ ల్యాబ్లో ఆన్లైన్ టాలెంట్ హండ్ పరీక్ష నిర్వహించి ఆరుగురు విజేతలకు ఒక్కొక్కీ రూ.500 చొప్పున నగదు బహుమతి అందజేశారు. ఈ కార్యక్రమంలో గణితశాస్త్ర విభాగాధిపతి జి.చంద్రశేఖర్, కంప్యూటర్ సైన్స్ విభాగాధిపతి డాక్టర్ సునీల్ కుమార్, ఇతర అధ్యాపకులు, విద్యార్థినీ విద్యార్థులు పాల్గొన్నారు.



కార్యక్రమంలో ప్రీస్విపల్, ఇతర అధ్యాపకులు







Rajahmundry, Andhra Pradesh, India
 50-2-39/1, Symbala Nagar, Nehru Nagar, Rajahmundry, Andhra Pradesh
 533103, India
 Lat 17.013997° Long 81.786044°
 02/08/2025 02:34 PM GMT +05:30



Rajahmahendravaram, Andhra Pradesh, India
 12-409, Weaver's Colony, Narayanavanam, Rajamahendravaram, Andhra Pradesh 533105, India
 Lat 17.024399° Long 81.784901°
 02/08/2025 02:49 PM GMT +05:30



Rajahmahendravaram, Andhra Pradesh, India
 248h+86g, Kambala Cheruvu, Rajamahendravaram, Andhra Pradesh 533101, India
 Lat 17.015858° Long 81.778044°
 02/08/2025 12:55 PM GMT +05:30



Rajahmahendravaram, Andhra Pradesh, India
 246j+52j Chunnillal Jajoo, Rotary Municipal High School, Jampet Rd, Kambala Peta, Rajamahendravaram, Andhra Pradesh 533101, India
 Lat 17.010383° Long 81.78006°
 02/08/2025 03:01 PM GMT +05:30





GCRJY

GOVERNMENT COLLEGE, RAJAHMUNDRY

AUTONOMOUS - NAAC - A+

An autonomous institution since 2000, Rajahmundry A.P. - 533105
Estd. 1853, affiliated with Adikavi Nannaya University



CELEBRATIONS OF THE BIRTH ANNIVERSARY OF “NIELS HENRIK ABEL” 05-08-2025

on the Occasion of Abels birthday **MATHS CLUB & DEPARTMENT OF MATHEMATICS**
IN ASSOCIATION WITH DEPARTMENT OF COMPUTER SCIENCE IS ORGANIZING

“TALENT HUNT USING AI”



EVENT HIGHLIGHTS:

An innovative Mathematics Talent Search for Class 8th, 9th, and 10th students using Artificial Intelligence Tools.



NIELS HENRIK ABEL

OBJECTIVES:

- To honour the legacy of **Niels Henrik Abel**, the genius mathematician.
- To ignite mathematical curiosity in young minds.
- To introduce students to the integration of AI in learning mathematics.

ACTIVITIES INCLUDE:

- AI-powered Math Quiz & Puzzles
- Problem-solving challenges
- Real-time feedback and AI evaluation

ELIGIBILITY:

- Students of 8th, 9th, and 10th Classes from schools in and around RJY

VENUE: Techno Sphere Lab **DATE:** 05-08-2025 **TIMINGS:** 10 am to 12 pm

**EXCITING PRIZES
FOR
WINNERS**



Dr. DVNS MURTHY
VICE PRINCIPAL

SRI G. CHANDRASEKHAR
HOD & ORGANIZING SECRETARY

PRINCIPAL: Dr. RAMACHANDRA RK

DEPARTMENT OF MATHEMATICS

9. CONCLUSION

The Niels Henrik Abel Birthday Celebration with the 'Talent Hunt Using AI' programme was a grand success. The event was appreciated by participants, faculty, and the Principal alike. It reflected the commitment of the Department of Mathematics, Government College (Autonomous), Rajahmundry, towards nurturing mathematical talent, promoting technology integration, and extending quality education beyond the college campus. The event serves as an inspiring model for similar outreach and interdisciplinary activities in alignment with the NAAC quality mandate.

G. Chandra Sekhar
HOD, Dept. of Mathematics

Dr. J. Suneel Kumar
HOD, Dept. of Computer Science

Dr. R.K. Ramachandra
Principal