

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

Best practices 2022-23

Best practice no.1

Title - "Science exhibition" the faculty of science organised science exhibition for enhancing knowledge and skills among the students. To make them understand the interdependent nature of science, technology and society. The institute initiates these platform for participation and to promote science culture in the society.

Objectives - To provide a base to nurture science and invention of interest from the surrounding environment and to connect new ideas of students from materials and activities.

- To explore and encourage talent and creative minds among the students and inculcate in them a sense of pride.
- To develop and understanding about the role of science and technology.
- To know how science have affected individuals ,culture and society.
- To motivate the youths that science and technology are the tools for achieving development.

Context - To meet the objectives given, the science exhibition is organised under the following themes -

- Environmental issues
- life science
- alternative energy resources
- chemistry
- mathematics
- botany
- zoology and
- biotechnology

The Practice - Selection of the participants -The participant shall be from graduate and post graduate classes for their selection the following criteria is taken -

S.No.	Criteria for selection of students	weightage in percentage
1.	Creative Imagination	15
2.	Scientific thought & approach	15
3.	Originality & Innovations	15
4.	Technicak skills (arts & craftsmanship)	15
5.	Economic (Low cost/Portability/durability)	15
6.	Presentation (Demonstration and Explanation)	15
7.	Educational value for performance	10

Screening Committee - A college level screening committee is constituted to finalise The selection entries of student- Dr Vikas gulhare, Dr Preeti Soni & Mr Jitendra Yadav are the judges in the exhibition.

The judges are experts from different subjects ,colleges and junior scientist from instrumentation lab.

Display and Exhibition of models- A separate hall is arranged for displaying the models for different subject wise as physics ,chemistry, botany, zoology and biotechnology .

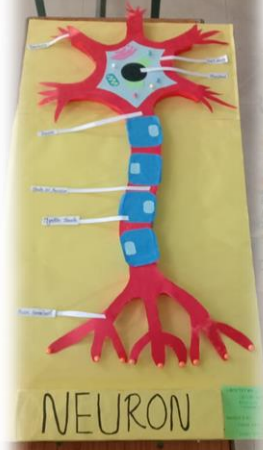
Name of the student ,guiding teacher, name of the college and brief information about the projectis displayed at the project site.

Time frame of the exhibition - The exhibition could be organised three months before the main examination in the month of December.

Evidences of Success - The science exhibition was executed in a short pane of time, then to ,it was a great participation by 150 students of UG and PG classes. Problems Encountered - Due to lack of financial support the student couldn't prepare the model accordingly.

Expenditure Budget is shared by teachers and students.

Future plans : In the upcoming session we have planned the science exhibition at district level also.



नेक द्वारा ग्रेड प्राप्त

कोड क्रमांक -1203



कार्यालय प्राचार्य

शासकीय गजानंद अग्रवाल स्नातकोत्तर महाविद्यालय, भाटापारा
जिला- बलौदाबाजार-भाटापारा (छ.ग.) 493118

17726-220312 Mo. No. 9343110516 website: www.gnpccollege.in Email: gnpccollege@gmail.com

क्रमांक/1892 /स्था./2022

भाटापारा, दिनांक: 07/12/2022

प्रति,

विकासखण्ड शिक्षा अधिकारी,
विकासखण्ड- भाटापारा (छ.ग.)

विषय :- महाविद्यालय में आयोजित विज्ञान प्रदर्शनी कार्यक्रम में विज्ञान संकाय (कक्षा 11वीं एवं 12वीं) के छात्र-छात्राओं को सम्मिलित करने के लिए।

उपरोक्त विषयानुसार लेख है कि इस महाविद्यालय में दिनांक 12/12/2022 दिन सोमवार को विज्ञान प्रदर्शनी कार्यक्रम का आयोजित है।

अतः उक्त विज्ञान प्रदर्शनी कार्यक्रम में विकासखण्ड स्तर/भाटापारा शहर में अध्यक्षनरत विज्ञान संकाय के छात्र-छात्राओं को सम्मिलित होने हेतु आदेशित करने का कष्ट करें।

(डॉ. श्रीमती विनोद शर्मा)

प्रधानाचार्य
Govt. G.N.A. P.G. College, Bhatapara
Dist. Baloda Bazar-Bhatapara (C.G.)

पृ. क्रमांक/ /स्था./2022

भाटापारा, दिनांक: /12/2022

प्रतिलिपि -

जिला शिक्षा अधिकारी, जिला-बलौदाबाजार-भाटापारा (छ.ग.) को सूचनाार्थ।

(डॉ. श्रीमती विनोद शर्मा)

प्राचार्य
Principal
Govt. G.N.A. P.G. College, Bhatapara
Dist. Baloda Bazar-Bhatapara (C.G.)

BOTANY DEPARTMENT

GROUP-1 (AIOVERA)

1. tikeswar nishad
2. jirakhan yadav
3. amitesh
4. kumbhaj sahu

GROUP-2 (GILOY)

- 1) RIYA MISHRA
- 2) ARADHNA MASIH
- 3) KHUSI YADAV
- 4) JYOTI VERMA

GROUP-3 (SATAVAR)

- 1) GAURI DAHARIYA
- 2) JYA JANGDE
- 3) LAXMI DAMINI
- 4) KARISHMA KOSHLE

GROUP-4 (ASHWAGANDHA)

- 1) POOJA MAHILANGE
- 2) MEGHA DIVAKAR
- 3) RAJKUMAR
- 4) USHA TANDAN

GROUP-5 (HALDI)

1. KETKI YADAV
2. TANU DHURUW
3. RADHIKA YADU
4. TIKESHWARI DHURUW

GROUP-6(LAHSHUN)

1. DAMINI KHARSHANE
2. BABITA PATRE
3. HEMLATA
4. PRATIMA

GROUP-7 (DHANIYA)

1. NIDHI
2. ANJU
3. KHILESHWAR
4. CHITRAREKHA
5. NIRJALA SAHU

GROUP-8 (TULSI)

1. GITANJALI
2. ROSHNI
3. DIVIYA
4. DEVIKA

GROUP-9(PATHHARCHATTA)

1. KOMAL DHURUW
2. GULSAN RATRE
3. NARENDRA VERMA

GROUP-10 (NEEM)

1. KALYA YADAW
2. VINA SAHU
3. SARITA DHURUW
4. HITENDARI VERMA

GROUP-11 (MULETHI)

- 1) ARCHANA TIWARI
- 2) AAYUSHI VANI
- 3) RUPALI SAHU
- 4) DURGA DEWANGAN

GROUP-12 (LAUNG)

1. MONIKA LAHRE
2. NILAM SEN
3. ANKITA NAYAK
4. TANU LAHRE

GROUP-13 (FENAL)

1. DIVYA
2. NEHA BANJARE
3. JYOTI VERMA
4. LAXMI VERMA

GROUP-14 (MEATA NEEM)

1. DIPAK KUMAR
2. NIL YADAV
3. GOVIND YADU
4. AMIT
5. ARJUN

GROUP-15 (ARJUN CHHAL)

1. DEVKUMARI DEWANGAN
2. SWETA LAHRE
3. ANNPURNA
4. KALPANA LAHRE

GROUP-16 (CHIRAYAT)

1. REENA LAHRE
2. RESHMA
3. YASVANTI

GROUP-17 (TOMATO)

1. AVNTIKA MARKHANDE
2. ISHA VERMA
3. SONIYA KESHARWANI

GROUP-18 (AMLA)

1. KIRTI SAHU
2. SHAKSHI VERMA
3. KAMRUN NISHA
4. GITANJALI VERMA

GROUP-19(DALCHINI)

1. PREETI MAHILANGE
2. KOMAL JANGADE
3. MAMATA VERMA
4. DIGESHWARI

GROUP-20(MUNGA)

1. REENA VERMA
2. SANJANA MIRI
3. RUCHI VERMA
4. POONAM DHURUW

GROUP-21(MINT)

1. ARCHANA
2. KALYANI
3. AARTI
4. HITESHWARI

GROUP-22(METHI)

1. MANISHA
2. MEENU
3. NIRMALA
4. GHYANESHWARI

GROUP-23 (SARPAGANDHA)

1. NITU YADU
2. GAYATRI DHURUW
3. MAHESHWARI

GROUP-24 (TEJPATTA)

1. RAJDEEP
2. NEHA THAKUR
3. RENUKA SAHU
4. KUSHAL

GROUP-25 (ADRAK)

1. SHIDDHARTH
2. CHITREKHA
3. SEEMA
4. NIKITA
5. VINOD JANGADE

GROUP-26 (BHATHUA BHAJI)

1. ANUSHKA SONWANI
2. VEDANT AGRAWAL
3. CHURAMANI JAISWAL
4. HEMA RATRE
5. DEVENDRA

GROUP-27

SS(BOHAR BHAJI)

1. LATA SAHU
2. MANJU ADIL
3. TULSI SEN
4. SONIA

GROUP-28 (KACHNAR)

1. PURNIMA ANANT
2. MAYA VERMA
3. LAXMI KOSHLE

ZOOLOGY DEPARTMENT 12.12.2022
Science Exhibition
Govt. G.N.A.P.G. College Bhatapara

- Structure of human heart :-
 (i) Hemlata dhruw (B.sc III year bio)
 (ii) Bhumika sahu (B.sc III year bio)
 (iii) Neha sahu (B.sc III year bio)
- Neuron Structure :-
 (i) Aastha sahu (B.sc III year bio)
 (ii) Bhumika chandrasen (B.sc III year bio)
- Skin Anatomy :-
 (i) Rohit (B.sc III year bio)
 (ii) Reetu (B.sc III year bio)
 (iii) Amit (B.sc III year bio)
 (iv) Laxmi (B.sc III year bio)
- Centrifuge model :-
 (i) Asha lahre (B.sc III year bio)
 (ii) Kalyani bandhe (B.sc III year bio)
 (iii) Deepali verma (B.sc III year bio)
- Digestive system of earthworm :-
 (i) Hemlata Dhruw (B.sc I year bio)
 (ii) Sheetal kurre (B.sc I year bio)
 (iii) Tameshwari Nishad (B.sc I year bio)
- Cell division of mitosis :-
 (i) Sheetal kurre (B.sc I year bio)
 (ii) Tameshwari Nishad (B.sc I year bio)
 (iii) Hemlata dhruw (B.sc I year bio)

Model name	B.sc I Year MATHS	Group member's
(i) Sires and parallax compination	-	Kamta, Aaswani, Nilesh, Vinod.
(ii) Automatic street light	-	Anshuman yadav, Chandrakant, Devendra, Hemlata, Khushi, Yaman sahu
(iii) Hydrolic break system	-	Hemchand sahu
(iv) Table lamp	-	Manisha Devadas
(v) Water Dispenser machine	-	Ananya pandey
(vi) Water heater rod	-	Nandani chakradhari
(vii) Earthquake Alarm Detector	-	Suraj soni, Annu verma
(viii) Geostationary satellite	-	Sumesh kumar, Shruti, Hashina, Manisha, Durga
(ix) Hydrolic briage	-	Sumesh kumar, Shruti, Hashina, Manish, Durga
(x) Hydrolic JCB	-	Nitesh, chandan, Amit, Tileshwar, punamchand
(xi) Projector	-	Varsha, Soniya, Kajal
(xii) Types of motion	-	Bhmeshwari verma, Bhagya shree Rajput, Jagriti
(xiii) Earthquake alarm	-	Chameli
(xiv) चरम वेग की द्वारा त्वरित चरण	-	Rashmi, Sunanda
(xv) Projector	-	Bhumika, Anchal, Nandani
(xvi) Home made projector	-	Payal, Roshni, Megha, Garima

B.sc Final year

- Electricity Generated Using Rainwater - Devraji, Purushottam, Wasim, Pratham, Khushi Thakur, Chhaya, Chanchal, Priyanshi
- Laser hight Security System - Khushiya, Yash, hirendra, Devanand, Khelawan, Yogesh
- Lifi Transmit Data with light Experiment - Janki, Pallvi, Jyati kurre, Gyatri, Dipeshwari
- Air Cooler - Pushpalata, Pushpanjali, Riya, Megha, Roshni, Mamta, Kwarika
- Wireless Power Transmission - Sujay, Rupray, Soman, Mahendra, Ghanshyam, prakash, Gend bihari, Tomesh, Vikash dhruw, Nikanth
- Short Dedetor - Kusum Dhruw, Pratap, Aditi Jaiswal, Nitin, Pushpendra, Tikesah sahu, Dwendra, Basanti Patel.
- Watch - Sandhya, Jyoti rani, Vadani, Durgesh, Sanjay, Sharddha, Sonkali, Uma
- Rain Detector - Rajju, Khileshwar, Ashwani, rishikesh manjeet, Akash, shaidendra, Khomial,

SCIENCE EXHIBITION

B.sc II year Physics

Model Name	Group name
1. Periscope	- Aaysha sahu, Ekta muchhal, Keshini Jaiswal, Monika mandley, Tushar yadu, Shivendra Prakash Tiwari
2. Laser Security System and Flogram	- Lokesh ku. sahu, Kunal sao, vidhi sao, Prakash Khadatkar, Jagriti Sahu
3. Curd Maker Machine	- Bhuneshwar netam, Durgesh verma
4. Taster	- Mohammad Aarju, Aaysha Parveen
5. Drip Fririgation	- Palak sahu, Sanjana Sahu, Khileshwari yadav, Yogeshwari Nishad.
6. River water harvesting System	- Meenakshi sharma, Sakshi sahu, Monika soni, Riya Dixane, Priyanka Ghritlahre
7. Vaccum Cleaner	- Gopi, Bharti
8. Nuclear Power Plant	- Ajit kumar, Homesh kumar, Girish, Aman, Tarun
9. Laser Security Alarm	- Deepa rani, Tikeswari dewangan, Rupesh dewangan, Shivam verma, Rupesh sahu
10. Automatic Indicate Dam	- Kavita verma, Mukesh prajapati, harkesh chakradhari, Akshay dondey, Bhupesh kumar, Neelani devdas
11. Water cycle	- Dikshita nishad, Neha sahu
12. Grass Cutter Machine	- Neelam sahu, Nisha Thakur, nisha verma, muskan dewangan, Shreya sarkar
13. Bhukamp Suchak yantra or Bell	- Shivhankar kurre
14. Newton's Gadle	- Aayush sharma, Pawan tiwari, Dhaneesh verma, Nilcharan sahu

B.sc Final year

- Electricity Generated Using Rainwater - Devraji, Purushottam, Wasim, Pratham, Khushi Thakur, Chhaya, Chanchal, Priyanshi
- Laser hight Security System - Khushiya, Yash, hirendra, Devanand, Khelawan, Yogesh
- Lifi Transmit Data with light Experiment - Janki, Pallvi, Jyati kurre, Gyatri, Dipeshwari
- Air Cooler - Pushpalata, Pushpanjali, Riya, Megha, Roshni, Mamta, Kwarika
- Wireless Power Transmission - Sujay, Rupray, Soman, Mahendra, Ghanshyam, prakash, Gend bihari, Tomesh, Vikash dhruw, Nikanth
- Short Dedetor - Kusum Dhruw, Pratap, Aditi Jaiswal, Nitin, Pushpendra, Tikesah sahu, Dwendra, Basanti Patel.
- Watch - Sandhya, Jyoti rani, Vadani, Durgesh, Sanjay, Sharddha, Sonkali, Uma
- Rain Detector - Rajju, Khileshwar, Ashwani, rishikesh manjeet, Akash, shaidendra, Khomial,

SCIENCE EXHIBITION

B.sc II year Physics

Model Name	Group name
1. Periscope	- Aaysha sahu, Ekta muchhal, Keshini Jaiswal, Monika mandley, Tushar yadu, Shivendra Prakash Tiwari
2. Laser Security System and Flogram	- Lokesh ku. sahu, Kunal sao, vidhi sao, Prakash Khadatkar, Jagriti Sahu
3. Curd Maker Machine	- Bhuneshwar netam, Durgesh verma
4. Taster	- Mohammad Aarju, Aaysha Parveen
5. Drip Fririgation	- Palak sahu, Sanjana Sahu, Khileshwari yadav, Yogeshwari Nishad.
6. River water harvesting System	- Meenakshi sharma, Sakshi sahu, Monika soni, Riya Dixane, Priyanka Ghritlahre
7. Vaccum Cleaner	- Gopi, Bharti
8. Nuclear Power Plant	- Ajit kumar, Homesh kumar, Girish, Aman, Tarun
9. Laser Security Alarm	- Deepa rani, Tikeswari dewangan, Rupesh dewangan, Shivam verma, Rupesh sahu
10. Automatic Indicate Dam	- Kavita verma, Mukesh prajapati, harkesh chakradhari, Akshay dondey, Bhupesh kumar, Neelani devdas
11. Water cycle	- Dikshita nishad, Neha sahu
12. Grass Cutter Machine	- Neelam sahu, Nisha Thakur, nisha verma, muskan dewangan, Shreya sarkar
13. Bhukamp Suchak yantra or Bell	- Shivhankar kurre
14. Newton's Gadle	- Aayush sharma, Pawan tiwari, Dhaneesh verma, Nilcharan sahu

SCIENCE EXHIBITION

B.S.CE II YEAR (BIOTECH)

DATE 12-12-2022

- (1) टिंकररी मॉड (2) वदना रानी (3) पायल रानी (4) तिंकररी रानी (5) नीलम दूरा (6) दीपिका रानी
 (7) सदानु सानु (8) रवीणी बरसाण (9) सारणी दूरा (10) जंकररी रानी (11) रीणी कणी (12) रीणी पुनारणी
 (13) सानु सानु (14) सानु सानु (15) सानु सानु (16) रीणी रानी (17) रीणी



Best practice no. 2

Title - "Donation of electric tricycle", "welfare activities to support physically handicapped students to pursue higher education".

Objectives - As the percentage of women students from under privileged background is much lower due to financial constraints, financial assistance need to be provided to such students to enable them to complete higher education. These women can become a channel for improving the quality of life, both at home and outside. By encouraging and promoting education of women they can be empowered for a better future.

The Context -Majority of students, specially girls are from socio - economically challenged segments of the society. Personal interactions with students and analysis of the drop out ratio has resulted that the financial problem prevent them from completing higher education and lead them to drop out midway, through the course. It was observed that supporting them with financial assistance would help them to pursue higher education.

Hence, it was decided to generate funds to provide financial help, besides the basic necessity students also need a convene facility, specially a physically challenged women, so to meet the need a number of donations have been collected by our College.

The practice - The institute believes in inclusive education and strives hard to raise funds from faculties, alumines and well known stakeholders from the society. The college has set up a Corpus of rupees 10 lakhs and arranged an electric tricycle for a physically challenged student ms. Sita mandley of class MA first semester (economics). These student has been facing a lot of trouble to attend the college because her both the legs are incapable /so she faces a lot to travel from home to college and decided not to continue her PG studies but, after her problem came in notice the staff members of our college tride hard to arrange the sum for buying electric tricycle but, as we know a good deed always ends in a good will and we totally succeeded in donating of electric tricycle to the needy student.

Evidence of Success - The beneficiary miss Sita was filled with emotions when she was presented with the electric tricycle.

Her father Thanked a lot to the college family for donating her girl child conveyance, so she can pursue higher education.

Problems Encountered - Raising funds to sustain the program is so difficult for a Government Institute. The trust works very hard in raising resources. Great efficient man power to work on a voluntary basis is another challenge. taking help of other stakeholders to save on cost of electric tricycle.



प्रति,

प्राचार्य,
शासकीय गजानंद अग्रवाल स्नातकोत्तर
महाविद्यालय भाटापारा

विषय :- इलेक्ट्रिक ट्राई सायकल दान करने विषयक।

शासकीय गजानंद अग्रवाल स्नातकोत्तर महाविद्यालय भाटापारा के नियमित छात्रा कुमारी सीता माण्डले (एम.एम. अर्धशास्त्र तृतीय सेमे.) पिता श्री मुन्शीराम माण्डले ग्राम नयापारा दोरेगा तहसील सिमगा जिला बलौदाबाजार-भाटापारा जो कि दिव्यांग है। उक्त छात्रा को ट्राई सायकल दान देने के लिए निम्नांकित दानदाताओं के द्वारा सहयोग राशि दान दिया है-

क्र.	दानदाता का नाम	राशि	भुगतान का प्रकार	खाता क्र.
1	श्री गिरीश मालवे	20000.00	ऑनलाईन	
2	श्री विनय केला	1100.00	ऑनलाईन	
3	श्री नरेंद्र जैन	2000.00	ऑनलाईन	
4	श्री वेदव्यास शर्मा	2100.00	ऑनलाईन	
5	श्री वेद देवांगन	2000.00	ऑनलाईन	
6	डॉ.कीर्ति श्रीवास	500.00	ऑनलाईन	
7	डॉ.सीता दीवान	1010.00	नगद	
8	श्री रघु पिरदी	1000.00	ऑनलाईन	
9	श्री सुनील एस. शर्मा	1500.00	ऑनलाईन	
10	डॉ. विनोद आहुजा	1100.00	ऑनलाईन	
11	श्री राकेश लिम्जे	1021.00	ऑनलाईन	
12	श्री जितेंद्र यादव	2000.00	ऑनलाईन	
13	श्री सुनील महंत	1021.00	ऑनलाईन	
14	श्री आशीष सिंग	1000.00	नगद	
15	श्रीमती निर्मला यदु	2000.00	नगद	
16	डॉ.डी.डी.पुष्टि	1000.00	ऑनलाईन	
17	गुप्तदान	5000.00	नगद	
18	श्री जघेल	500.00	नगद	
19	श्री संतोष अग्रवाल	5000.00	नगद	
20	श्री एस.एस.सुनील	4000.00	नगद	
21	एस.सूर्यप्रकाश राव	5000.00	नगद	
22	श्री मांडले	6700.00	नगद	
	योग	66552.00		

उक्त इलेक्ट्रिक ट्राई सायकल कुमारी सीता माण्डले (एम.एम. अर्धशास्त्र तृतीय सेमे.) को आज दिनांक 13/01/2023 को अध्ययन-अध्यापन हेतु दान किया जा रहा है।

S. Suryprakash
एस. सूर्यप्रकाश राव

Mha
अध्यक्ष

सा. ग. न. स्ना. को. महाविद्यालय भाटापारा
जिला बलौदाबाजार-भाटापारा (छ.ग.)