

Best practice

Blood Grouping

DEPARTMENT OF ZOOLOGY



**C.S.T.S GOVERNMENT KALASALA,
JANGAREDDIGUDEM
ELURU DISTRICT**

ON

26-03-2024

&

27.03.2024

CHATRAPATHI SIVAJI TRI SATHA JAYANTHI (CSTS) GOVT. KALASALA



Enter to Learn - Leave to Serve

Jangareddigudem, Eluru Dist

Phone : 08821-225310, Visit us at : www.cstsgk.ac.in

E-Mail : jangareddigudem.manatv@gmail.com



Best Practice

1. Title: Blood grouping

2. Objective :

The objective of blood grouping as a best practice is to determine a person's blood type accurately. This information is crucial for various medical procedures, including transfusions, organ transplants, and pregnancy-related care. It helps ensure compatibility between donors and recipients, minimizing the risk of adverse reactions and improving patient safety during medical interventions involving blood. Additionally, blood grouping aids in forensic investigations and can be vital in emergencies when immediate blood transfusion is required. Overall, accurate blood typing is fundamental for providing effective and safe healthcare.

3. Challenges :

Accuracy and Reliability: Ensuring that blood typing tests are accurate and reliable is paramount. False results can lead to severe medical complications, so quality control and validation of testing methods are crucial.

Availability of Reagents and Supplies: Ensuring a steady supply of reagents and testing supplies, especially in remote or resource-limited areas, can be challenging and requires logistical planning.

Blood Type Discrepancies: Occasionally, individuals may have rare or complex blood types that can be challenging to identify. Laboratories must be prepared to handle these situations and consult experts if needed.

4. The Practice

Blood grouping is a fundamental aspect of personal health management and emergency preparedness. By implementing these best practices in degree colleges, students can be educated about the importance of knowing their blood types, which contributes to a safer and more resilient campus community. These practices also foster a culture of voluntary blood donation and responsible healthcare, ultimately benefiting both individual well-being and the greater society.

5. Evidence of Success

Blood grouping's success is evident in its ability to save lives through safe transfusions, meeting benchmarks for reduced transfusion-related complications. Reviews indicate improved patient outcomes, reduced transfusion reactions, and enhanced compatibility. These results underscore the effectiveness of blood grouping as a best practice in healthcare.

6. Problems Encountered and Resources Required

Implementing blood grouping as a practice would require trained personnel, blood typing reagents, testing equipment, and a safe environment. Problems may include inadequate funding, a shortage of skilled technicians, and ensuring the safety and integrity of blood samples.

7. Notes:

For successful adoption, institutions should invest in quality training, modern testing equipment, and rigorous quality control measures. Collaboration with blood banks and ongoing education is vital to ensure safe and effective implementation of blood grouping as a best practice.

Video Link: <https://www.youtube.com/watch?v=Oeg6Y2M3RZE>

https://drive.google.com/file/d/1bdjfW1icGhYMUVdSJiuWR_THEmW3XTA5/view?usp=sharing

MINUTES

47

06-02-2024

Smt. R. Vijaya Deepika, Loc. in Zoology met Principal Mr. N. Basad Babu along with JQAC co-ordinators, Dept. of Botany & Dept. of Horticulture at his chamber on 06-02-2024 at 5 PM. The following issues were discussed and resolved -

- 1.) 5 day non-residential TOT at NRC, Tanuku
- 2.) Status of NAAC files
- 3.) Admission campaign
- 4.) World Sparrow day on 20-03-24
- 5.) To conduct Blood grouping as Best Practice on 26-03-24

Vijaya

Sign. of the Dept. I/c

Sign. of the staff

1.) JQAC Co-ordinator - Mr. Junda (M. MADHU)

2.) Dept. of Botany - J. B. (T. Jhansi Rani)

3.) Dept. of Horticulture - Lakshmi (Ch. Venkata Lakshmi)

Basad

Sign. of the Principal

NAAC: C (II Cycle)

**CHATRAPATHI SIVAJI TRI SATHA JAYANTHI
(CSTS) GOVT. KALASALA**

Enter to Learn - Leave to Serve



Jangareddigudem, Eluru Dist

Phone : 08821-225310, Visit us at : www.cstsgkae.in

E-Mail : jangareddigudem.manatya@gmail.com



Principal's Permission Letter

25.03.2024

From

R. Vijayadeepika,

Lecturer in Zoology,

CSTS Government .Kalasala,

Jangareddigudem.

To

The Principal,

CSTS Government Kalasala,

Jangareddigudem.

Sub: Requesting for permission to conduct Blood Grouping by

Department of Zoology submitted –regarding

The Department of Zoology planning to conduct 'Blood Grouping' as a best practice on 26-03-2024. So you are requested to grant permission to conduct the same on the above mentioned date. This is for your information and consideration.

Thanking you,

Yours faithfully

Permitted

CIRCULAR

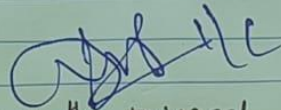
29

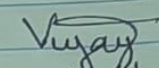
BLOOD GROUPING

26.04.24

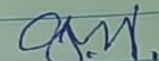
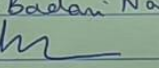
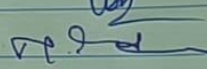
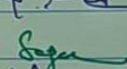
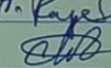
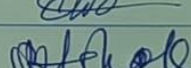
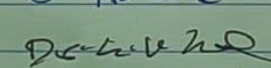
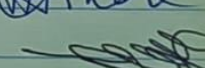
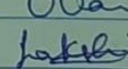
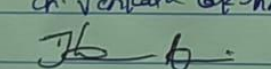

The Department of Zoology is going to conduct "Blood Grouping" as a best practice today i.e. 26.04.24 at 3-5 PM at Zoology Lab for all students of CSTS Government Kalasala, Jangareddigudem. All the staff and students are request to attend the programme without fail.

note :- All the first year students utilize this opportunity


Sign: of the principal

 26/4/24
Sign: of the lecturer

Sign: of the staff

- | | | |
|---|----------------------------|---|
| 1. P. SRINIVASA RAO | Secy in Eco |  |
| 2. Dr. CH. Badari Narayana | Lect. in Mathematics | ChB |
| 3. V.  | Lect. in Eco. | V |
| 4. Dr. M. MADHU | Lecturer in chemistry |  |
| 5. DR. K. UTHAISAR | Lecturer in commerce |  |
| 6. MSRINIVASA RAO | Unit in pol. SC | H |
| 7. J. RAJASRIKANTH | Lect in Computerscience | J. Rajasrikanth |
| 8. Ch. Ranga Reddy | Lect in Commerce |  |
| 9. B. Ashok | Lect in History |  |
| 10.  | Lect in History |  |
| 11. U. Venkatacharyulu | Lecturer in chemistry | U |
| 12. Ch. Venkata Lakshmi | Lecturer in Horticulture |  |
| 13.  | Lecturer in Botany |  |

Best Practice-Blood Grouping

27.03.2024

The Department of Zoology at CSTS Government kalasala, Jangareddigudem organized a blood grouping program for students as part of its Best Practices initiative on 26.03.2024 & 27.03.2024 at Zoology Lab. The program aimed to:

Identify Blood Groups:

- Students were tested to determine their ABO blood group (A, B, AB, or O) and Rh factor (positive or negative).
- Raise Awareness: The program provided students with knowledge about blood groups, their significance in blood transfusions, and the concept of universal donors and recipients.
- Potential Benefits: Knowing their blood group empowers students to be prepared for medical emergencies and consider future blood donation opportunities.

Program Highlights:

The program was presided over by the college principal, Dr. N. Prasad Babu.

- Dr. Prasad Babu emphasized the importance of students knowing their blood group for emergency situations and blood donation.
- Vice Principal B. Srinivasa Rao spoke about the Best Practices initiative and encouraged students to participate actively in such programs.
- Under the guidance of Zoology department head Smt. R. Vijaya Deepika, blood grouping tests were conducted for 100 students.
- The program was also attended by the college's IQAC coordinator M. Madhu, The college IQAC coordinator M. Madhu, the head of the Mathematics Department CH. Badri Narayan, the head of the Chemistry Department CH. Venkatacharyulu, the head of the Botany Department T. Jhansi Rani, and the head of the Horticulture Department CH. Venkatalakshmi.

Conclusion:

The blood grouping program was a successful initiative by the Department of Zoology. It aligned with the college's Best Practices commitment and provided students with a valuable learning experience.

Feedback-Blood Grouping

1. How would you rate your overall satisfaction with the blood grouping activity?

- | | |
|-------------------|-----------------|
| a) Very satisfied | b) Satisfied |
| c) Neutral | d) Dissatisfied |

2. Did you find the instructions provided during the blood grouping experiment:

- | | |
|-------------------|------------|
| a) Very clear | b) Clear |
| c) Somewhat clear | d) Unclear |

3. How helpful was the hands-on experience of blood typing in understanding blood groups?

- | | |
|-----------------------|------------|
| a) Helpful | b) Neutral |
| c) Not helpful at all | |

4. What challenges did you encounter during the blood grouping experiment? (Select all that apply)

- | | |
|---|---------------------------------------|
| a) Difficulty understanding the procedure | b) Issues with equipment or materials |
| c) Confusion about interpreting results | d) None |

5. How would you rate the safety measures implemented during the blood typing activity?

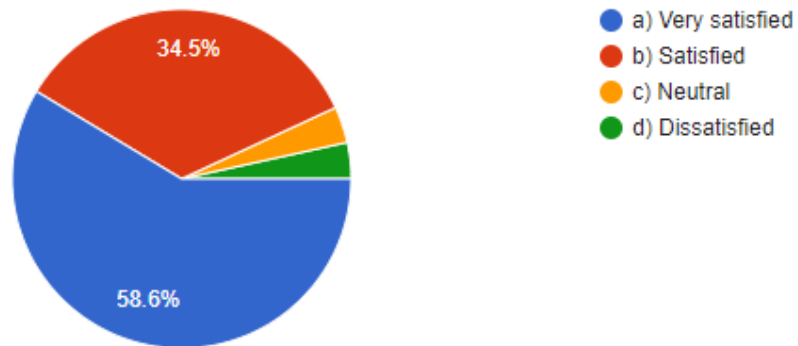
- | | |
|--------------|--------------|
| a) Excellent | b) Good |
| c) Poor | d) Very poor |

6. How effective were the materials and equipment provided for the blood grouping experiment?

- | | |
|-------------------|---------------------|
| a) Very effective | b) Effective |
| c) Ineffective | d) Very ineffective |

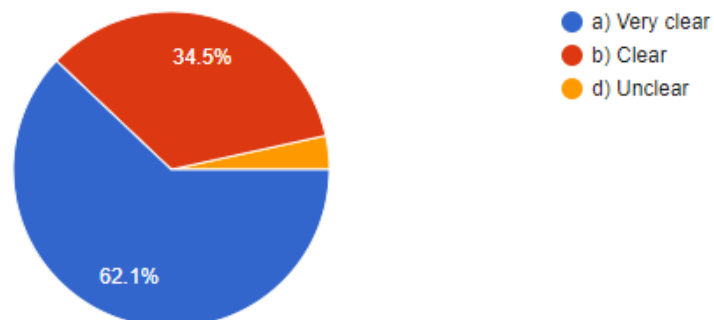
1. How would you rate your overall satisfaction with the blood grouping activity?

29 responses



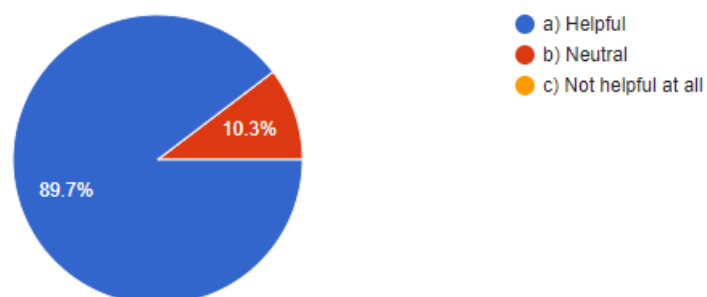
2. Did you find the instructions provided during the blood grouping experiment:

29 responses



3. How helpful was the hands-on experience of blood typing in understanding blood groups?

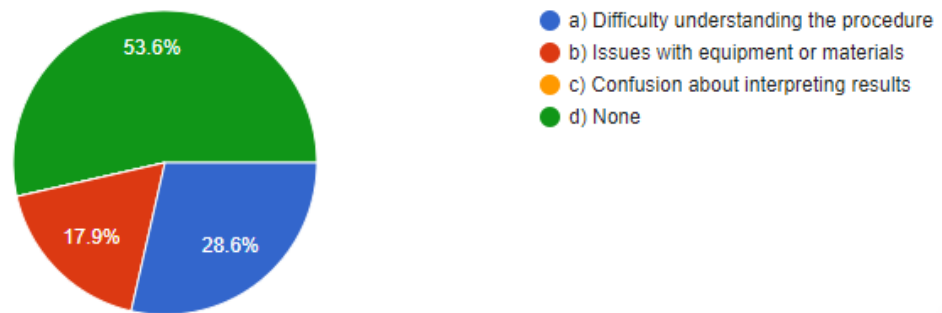
29 responses



4. What challenges did you encounter during the blood grouping experiment?

 Copy

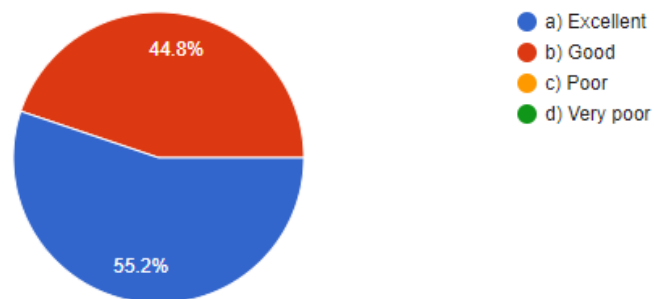
28 responses



5. How would you rate the safety measures implemented during the blood typing activity?

 Copy

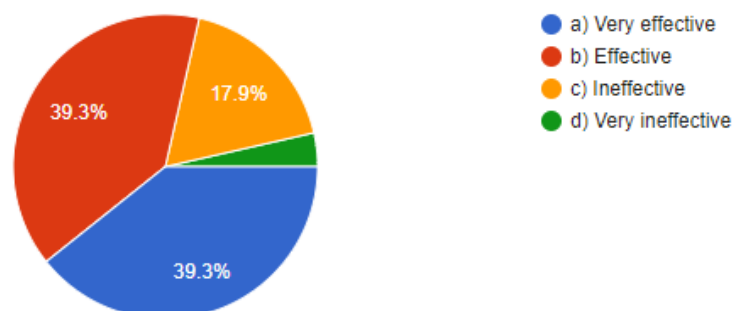
29 responses



6. How effective were the materials and equipment provided for the blood grouping experiment?

 Copy

28 responses



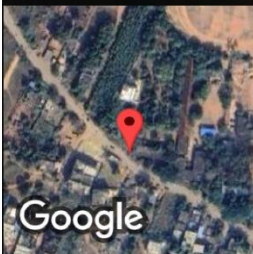








 **GPS Map Camera**



Jangareddigudem, Andhra Pradesh, India

5-147, Srinivasapuram Rd, Rto Office Area, Ayyappa Colony, Jangareddigudem,
Andhra Pradesh 534447, India

Lat 17.131645°

Long 81.288913°

26/03/24 04:47 PM GMT +05:30









BEST PRACTICE - BLOOD GROUPING

123

NO	NAME of the student	class	Blood Group	Signature of the student
1	Dr. CH. Badari Narayana	LECTURER,	O, +ve	CH. Badari
2	U. Venkatacharyulu	Lecturer	O, +ve	U. Venkata
3	E. Pavan	I BSc (Botany)	B, +ve	E. Pavan
4	K. Sai Ram	I st B. & (Botany)	AB +ve	K. Sai Ram
5	K. Hema	II BSc (BZC)	O ⁺ ve	K. Hema
6	R.O. Bharathi	II BSc (BZC)	A ⁺ ve	R.O. Bharathi
7	G. Sriharsha Vardhini	II BSc (BZC)	B ⁺ ve	G. S. H. Vardhini
8	I KIRAN	I B.com	B ⁺ ve	I. Kiran
9	G. Mani Venk	" "	B, +ve	G. Mani Venk
10	Y. Sulekha	II BSc BZC	D, +ve	Y. Sulekha
11	K. Anvesh.	II BZC	O ⁺ ve.	K. Anvesh.
12	K.P. L. prasanna	I st BSc	B ⁺ ve	K.P. L. prasanna
13	V. Renuka naga Dasgo	" "	O ⁺ ve	V. Renuka
14	Ch. Sai Chandrika	" "	A ⁺ ve	Ch. Sai Chandrika
15	K. Anitha	I. B.com (C)	O ⁺ ve	K. Anitha
16	K. Madhulatha	I st B.com (C)	O ⁺ ve	K. Madhulatha
17	D. Venkata Lakshmi	I st B.com (C)	O ⁺ ve	D. Venkata Lakshmi
18	U. Rishi	I B.COM	B ⁺ ve	U. Rishi
19	T. Praveen	II BCH	O ⁺ ve	T. Praveen
20	P. Santhosh.	I B.com	O ⁺ ve	P. Santhosh
21	M. Kavya	I B.com	O ⁺ ve	M. Kavya
22	D. Nagamani	II BZC.	O ⁺ ve	D. Nagamani
23	V. Anitha Santhosh	II BCH	A ⁺ ve	V. A. Santhosh
24	A. venul	II BZC	B ⁺ ve	A. venul
25	B. Dilleshwari	II BZC	O ⁺ ve	B. Dilleshwari
26	S. Satya Vani	II B.CH)	O ⁺ ve	S. Satya Vani
27	K. Saija	II nd B.com	AB ⁺	K. Saija
28	P. Anjali	II nd B.com	O ⁺ ve	P. Anjali
29	M. Divya Devi	II nd (BZC)	A ⁺	M. Divya Devi
30	V. Prasanthi	II nd B.com	AB ⁺	V. Prasanthi

S. No	Name of the student	Class	Blood group	Signature of the student
31.	K. Mahima santhi	I BSC (Botany)	A ⁺ ve	K. Mahima santhi
32.	S. Durgabhevarani	I BSC (Botany)	O ⁺ ve	S. Durgabhevarani
33.	K. Ramatulasi	I BSC (Botany)	A ⁺ ve	K. Ramatulasi
34.	K. Vijay	I BSC (Botany)	B ⁺ ve	K. Vijay
35.	Ch. Vijayanimala	I BSC Botany	B ⁺ ve	Ch. Vijayanimala
36.	I. Mamalthe	I BSC Botany	B ⁺ ve	I. Mamalthe
37.	J. Durgankitha	I BSC (Botany)	O ⁺ ve	J. Durgankitha
38.	B. Akanksha	I BSC (Botany)	O ⁺ ve	B. Akanksha
39.	T. Shiva Krishna	"	AB ⁺	T. Shiva Krishna
40.	P. Balaji	"	O ⁺	P. Balaji
41.	K. Divya sai	"	B ⁺ ve	K. Divya sai
42.	Ch. Venkata lakshmi	Lecturer	B ⁺ ve	Ch. Lakshmi
43.	M. udaya bhana	II BSC (BZC)	AB ⁺ ve	M. Udaya Bhanu
44.	T. Ganga bhevarani	II BSC (BZC)	A ⁺ ve	T. Ganga bhevarani
45.	B. Lakshmi padmaja	II BSC (BZC)	B ⁺ ve	B. L. Padmaja
46.	B. Nagarani	II BSC (BZC)	O ⁺ ve	B. Nagarani
47.	P. Sowmya	II BSC (BZC)	A ⁺	P. Sowmya
48.	K. Anvesh	II BZC	O ⁺ ve	K. Anvesh
49.	P. Venu	II BZC	O ⁺ ve	P. Venu
50.	T. Rohit	II BZC	B ⁺ ve	T. Rohit
51.	B. Samitha	II BSC (BZC)	O ⁺ ve	B. Samitha
52.	S. Santhi	II BSC (BZC)	AB ⁺ ve	S. Santhi
53.	M. Myna	II (BCH)	B ⁺ ve	M. Myna
54.	R. Naga Bharani	II (MPD)	O ⁺ ve	R. Naga Bharani
55.	S. Sumathi	II (MPD)	O ⁺ ve	S. Sumathi
56.	B. Durgaprasad	II (BCH)	B ⁺ ve	B. Durgaprasad
57.	D. Sasikumar	II (BCH)	O ⁺ ve	D. Sasikumar
58.	K. Vamsi	II (BCH)	A ⁺	Vamsi
59.	T. Pralhibha Sampurna	II BSC	B ⁺	T. Pralhibha Sampurna
60.	K. Sai shireesha	II BSC (BZC)	AB ⁺	K. Sai shireesha

SNO	Name of the student	Class	Blood Group	Signature of the student
59	D. Neha	II Bsc	O ⁺	D. Neha
60	G. Anusha	II Bsc(B)	B ⁺	G. Anusha
61	K. Jayasri	II Bsc	O ⁺	K. Jayasri
62	M. Lavanya	II B.com	O ⁺	Lavanya
63	K. Sailee	II B.com	AB ⁺	K. Sailee
64	S. Vaishnavi	II B.com	B ⁺	S. Vaishnavi
65	E. meghana	II B.com	A ⁺	E. meghana
66	K. Madhavi	II B.com	O ⁺	K. Madhavi
67	S. Sonia	II B.com		S. Sonia
68	S. malleeswari	I st B.com	AB ⁺	S. malleeswari
69	Ch. pusitha	I st B.com	A ⁺	Ch. pusitha
70	Y. Vyshnavi	I st B.com	B ⁺	Y. Vyshnavi
71	K. Divya	I st B.com	B ⁺	K. Divya
72	Y. Shyam	I st B.com	O ⁺	Y. Shyam
73	U. Rishi	I st B.com	B ⁺	U. Rishi
74	T. Sivakumar Krishnan	I st B.com	AB ⁺	T. Siva
75	M. Lakshmanaraj	I st B.com	O ⁺	M. Lakshmanaraj
76	A. Gowtham Raju	I st B.com	O ⁺	A. Gowtham Raju
77	K. Rajyadharji	I st B.com	AB ⁺	K. Rajyadharji
78	V. Jithendar	I st B.com	B ⁺	V. Jithendar
79	B. Sampath	I st B.com	O ⁺	B. Sampath
80	K. Anish Karthik	I st B.com	O ⁺	K. Anish
81	K. Harish	I st B.com	A ⁺	K. Harish
82	K. S. Subbarajudu	I st B.com	B ⁺	K. S. Rajyudu
83	M. Syam Shankar	I st B.com	A ⁺	Syam
84	B. Chaitanya	I st B.com	A ⁺	B. Chaitanya
85	K. Swathi	I st B.A (Economics)	B ⁺	K. Swathi
86	K. Tyoshna	I st B.A	B ⁻	K. Tyoshna
87	G. Mounika Rani	I st B.A	O ⁻	G. Mounika Rani
88	T. Krishna Ankithe	I st B.A	AB ⁻	T. Krishna Ankithe

S. NO	Name of the student	Class	Blood Group	Signature of the student
89	S. Mamatha	1st BA	B ⁺	S. Mamatha
90	B. Padma	"	B ⁺	B. Padma
91	T. Swarna latha	"	O ⁺	T. Swarna latha
92	V. Sruthi	"	B ⁺	V. Sruthi
93	S. Jyothi	"	O ⁺	S. Jyothi
94	K. Renuka	"	B ⁺	K. Renuka
95	P. Gowtham	1st BA	O ⁺	P. Gowtham
96	G. Bhanuprasad	"	O ⁺	G. Bhanuprasad
97	G. Vinay	1st BA	O ⁺	G. Vinay
98	B. Sriramanth	1st BA	B ⁺	B. Sriramanth
99	K. Kiran	1st BA	O ⁺	K. Kiran
100	Y. Syam	1st B.Com	O ⁺	Y. Syam

Vijay 27/3/24

Asst. in Zoology

BLOOD GROUPING- BEST PRACTICE

PAPER CLIPPING ON 28-03-2024

చత్రపతి శివాజీ త్రిశత జయంతి కళాశాలలో జువాలజీ డిపార్ట్మెంట్ ఆధ్వర్యంలో బెస్ట్ ప్రాక్టీస్ లో భాగంగా విద్యార్థులకు బ్లడ్ గ్రూపింగ్ కార్యక్రమం

మండీరగళం ప్రతినిధి:జంగారెడ్డిగూడెం. స్థానిక చత్రపతి శివాజీ త్రిశత జయంతి కళాశాల నందు నేడు అనగా తేదీ 26. 3 2024 మరియు 27.03.2024 తారీకులలో జువాలజీ డిపార్ట్మెంట్ ఆధ్వర్యంలో బెస్ట్ ప్రాక్టీస్ లో భాగంగా విద్యార్థిని విద్యార్థులకు బ్లడ్ గ్రూపింగ్ కార్యక్రమం నిర్వహించడం జరిగింది. ఈ కార్యక్రమానికి కళాశాల ప్రిన్సిపాల్ డాక్టర్.ఎన్. ప్రసాద్ బాబు ఆధ్వర్యత వహించారు. ఈ కార్యక్రమాన్ని ఉద్దేశించి ప్రతి విద్యార్థికి తమ యొక్క బ్లడ్ గ్రూపు ఏమిటనేది తెలియల్సిన అవసరం ఉంది ఈ విధంగా తెలియడం వలన ఎప్పుడైనా ప్రమాదాలు జరిగినా లేదా బ్లడ్ ఇవ్వల్సి వచ్చినా ఉపయోగకరంగా ఉంటుంది అని డాక్టర్. ఎన్. ప్రసాద్ బాబు మాట్లాడారు.

తదుపరి వైస్ ప్రిన్సిపాల్ బి. శ్రీనివాసరావు మాట్లాడుతూ బెస్ట్ ప్రాక్టీస్ ద్వారా మరిన్ని కార్యక్రమాలు కాలేజీలో నిర్వహిస్తామని విద్యార్థులు ఇలాంటి కార్యక్రమాల్లో ఉత్సాహంగా పాల్గొనాలని తెలియజేశారు.జువాలజీ విభాగం అధినేత ఆర్. విజయ దీపిక ఆధ్వర్యంలో వంద మంది విద్యార్థిని విద్యార్థులకు బ్లడ్ గ్రూపింగ్ టెస్ట్ చేశారు.

ఈ కార్యక్రమానికి కళాశాల ఐ.క్యూ.సి. కో అర్డినేటర్ ఎం.

మధు, మ్యూథుమెటిక్స్ డిపార్ట్మెంట్ అధినేత సిహెచ్ బద్రి నారాయణ,

తెమిస్ట్రీ అధినేత సి.హెచ్. వెంకటాచార్యులు, బోటనీ డిపార్ట్మెంట్ అధినేత డి. రూప్సి రాణి, హార్టికల్చర్ డిపార్ట్మెంట్ అధినేత సిహెచ్. వెంకటలక్ష్మి లు పాల్గొన్నారు



BLOOD GROUPING- BEST PRACTICE

PAPER CLIPPING ON 28-03-2024



విద్యార్థులకు బ్లడ్ గ్రూపింగ్ టెస్టులు

జంగారెడ్డిగూడెం - ప్రభాతవార్త : జంగారెడ్డిగూడెంలోని సీఎస్టీఎస్ ప్రభుత్వ డిగ్రీ కళాశాలలో బుధవారం జువాలజీ డిపార్ట్మెంట్ అధ్వర్యంలో బెస్ట్ ప్రాక్టీస్ లో భాగంగా విద్యార్థులకు బ్లడ్ గ్రూపింగ్ కార్యక్రమం నిర్వహించారు. కళాశాల ప్రిన్సిపల్ డాక్టర్ ఎన్.ప్రసాద్బాబు, వైస్ ప్రిన్సిపల్ బి.శ్రీనివాసరావు, జువాలజీ విభాగాధిపతి ఆర్.విజయ దీపిక పాల్గొన్నారు. వంద మంది విద్యార్థులకు బ్లడ్ గ్రూపింగ్ టెస్ట్ నిర్వహించారు. అధ్యాపకులు ఎం.మధు, బద్రీనారాయణ, వెంకటాచార్యులు, రూన్సీరాణి, వెంకటలక్ష్మి తదితరులు పాల్గొన్నారు.

Date: 28/03/2024, Edition: West Godavari
(Thadepalligudem main), Page: 7
Source : <https://epaper.vaartha.com/>