



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)
Department of Physics and Electronics
A) A Summary Report of the Activity

1) Title of Programme:		Demonstration of Geiger Muller Counter		
2) Name of Organizing Department:		Physics and Electronics		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		Dr Abhijit Yadav (Convener) Dr Dayanand Raje (Organizing Secretary)		
4) Date(s) of the Programme:		26/03/2024		
5) Venue:		General Physics Laboratory		
6) Target Group:		B.Sc. I (Biotechnology)		
7) Number of Participants:		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	05	02	07
	Non-Teaching	--	--	--
	Students	39	45	84
8) Name(s) and details of Resource Person(s), if any:		Dr Dayanand Raje		
9) Total Expenditure for the Programme:		Nil		
10) Source of Funding:		NA		

B) Report

i. Title: Demonstration of Geiger Muller Counter

ii. Introduction:

The demonstration aims to provide participants with a comprehensive understanding of radiation detection principles, crucial for both scientific advancement and public safety. Central to this understanding is the role of the Geiger-Muller (G.M.) counter, a pivotal instrument in the field of radiation detection. By delving into the intricate workings of the G.M. counter, participants will gain insights into its capabilities, limitations, and significance in various scientific endeavors.

iii. Objectives of the Program / issues addressed

- To equip students with the knowledge, skills, and awareness necessary to comprehend the principles of radiation detection.
- To appreciate the importance of this technology in safeguarding health, safety, and the environment.

iv. Details of Participants

84 Student (39 Male & 45 Female) participated.

v. Brief Summary of Events/ Sessions

The Bioinstrumentation course for first-year B.Sc. B.T. students include the study of the Geiger Muller Counter System. To supplement theoretical learning with practical experience, the Department organized a demonstration of the Geiger Muller Counter System. Dr. Dayanand Raje conducted an in-depth session discussing the system.

vi. Conclusion, with Feedback on the Programme:

In conclusion, the program provided participants with valuable insights into radiation detection through interactive experiments and visual aids. The demonstration of how the counter registers radiation presence by detecting ionization in a gas-filled chamber was particularly enlightening. Participants were commended for recognizing the ingenuity and importance of the Geiger-Müller counter in the field of radiation detection and measurement.

vii. Any Appendix If Necessary: List of participants

Date: 27/03/2024

Dr Abhinjit Yadav
HoD

HEAD

Department of Physics & Electronic
Rajarshi Shahu Mahavidyalaya, Lat
(Autonomous)

Dr Mahadev Gavhane
Principal

PRINCIPAL

Rajarshi Shahu Mahavidyalaya, Lat
(Autonomous)



C) Photographs




B.Sc. B.T. I Year students assembled in the Physics Laboratory for demonstration



Dr Dayanand Raje discussing about Geiger Muller Counter System

D) Notice:

Dr. Sachin S. Kulkarni (M.Sc., M. phil., Ph.D., DBM) Head of Department: Biotechnology, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous) Office: 02382-223445, Cell: +919970849425 Email: headbiotechdivision@gmail.com	
Ref. No. RSML/BT/2023-24/ 238	Date - 25/03/2024
To, Dr. Abhijeet Yadav Head, Dept. of Physics & Electronics Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)-413512	
Subject:- Visit to physics department for demonstration of Geiger Muller Counter.	
Respected Sir,	
I hope this message finds you well. I am writing this to express our student's interest for visiting your department for the demonstration of Geiger Muller Counter. As students of B.Sc. BT I year have one of the practical in their curriculum course of bioinstrumentation.	
I assure you of my utmost respect for your time and resources, and I am committed to making the most of this opportunity for mutual learning and exchange.	
Thank you for considering my request. I look forward to the possibility of visiting your department and contributing to the advancement of knowledge in our shared field.	
<div style="text-align: right;"> Head 25/03/24 Department of Biotechnology Head Department of Biotechnology Rajarshi Shahu Mahavidyalaya (Autonomous) Latur-413 531</div>	



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Department of Physics & Electronics
"Demonstration of G. M. Counter"
Class: B.Sc. BT. I
Attendance Sheet

Date: 26/03/2024

Sr. No	Name	Gender	Signature	Remark
1	Soham Ravindra Dhole	male	<u>Soham</u>	
2	omkar Ramdas kadam	male	<u>omkar</u>	
3	Shaikh Zuber Fayyazuddin	Male	<u>Zuber</u>	
4	Shaikh Mohammad Juraid Samdar Pasha	male	<u>Juraid</u>	
5	Shaikh Aman Balan	Male	<u>Aman</u>	
6	Shaikh Jitain Murtuza	Male	<u>Jitain</u>	
7	Shirure Rushikesh Vinod	Male	<u>Rushikesh</u>	
8	Shirure Dipali Shivaji	Female	<u>Dipali</u>	
9	Sakshi Balaji Supekar	Female	<u>Sakshi</u>	
10	Surwase Pranali Shridhanand	female	<u>Surwase</u>	
11	Sayyed Nabila Ansar	female	<u>Nabila</u>	
12	Sayyed Muskan Saadim	Female	<u>Muskan</u>	
13	Shaikh Alfiya Gulab	Female	<u>Alfiya</u>	
14	Shaikh Shaista Ahmed	Female	<u>Shaista</u>	
15	Skushti Sanjay Deshpande	female	<u>Skushti</u>	
16	Snehal Sanjay Natwane	female	<u>Snehal</u>	
17	Pranita Balasahed Badad	female	<u>Pranita</u>	
18	Shelke Mahadevi Manmath	Female	<u>Mahadevi</u>	
19	Raut Kanchan Diliprao	Female	<u>Raut</u>	
20	Dhauale Ankita Manikrao	Female	<u>Ankita</u>	
21	More Shraddha Maruti	female	<u>Shraddha</u>	
22	Deshmukh Sakshi Suresh	female	<u>Sakshi</u>	



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Sr. No	Name	Gender	Signature	Remark
23	Mane Vaishnavi Hanumant	Female	<i>Mane Vaishnavi</i>	
24	Natu Sujata Ramkrushna	female	<i>N. Sujata</i>	
25	Mhetre Suhar Hanumant	Male	<i>Mhetre</i>	
26	Mhetre Madhav Maroti	Male	<i>Mhetre</i>	
27	Birajdar sandesh santosh	Male	<i>Birajdar</i>	
28	Shaikh Roshnaa Ismail	Female	<i>Roshnaa</i>	
29	Shaikh Azarashirin Ismail	Female	<i>Azarashirin</i>	
30	Gulve Shweta Santosh	female	<i>Shweta</i>	
31	Rani Sangeam Waghmare	Female	<i>Rani</i>	
32	Tejaswini Ravindra Kasbe	female	<i>Tejaswini</i>	
33	Wange Pranjali shivraj	Female	<i>Wange</i>	
34	GAIKWAD PRIYA BIPIN.	FEMALE.	<i>Priya</i>	
35	Waghmare Samuddhi Sanjay	Female	<i>Samuddhi</i>	
36	Suryawanshi Priti Balaji	female	<i>Priti</i>	
37	Pawar Rajnamdini Ravindra	Female	<i>Pawar</i>	
38	shewalkar shivani chandrakant	female	<i>Shivani</i>	
39	Phad Dipali Hanumant	Female	<i>Dipali</i>	
40	Pachange vaibhavi	Female	<i>Vaibhavi</i>	
41	samuddhi Bnise	female	<i>Samuddhi</i>	
42	Karbhari Siddharth	male	<i>Karbhari</i>	
43	More Meeraaj	U	<i>More</i>	
44	Arti Shinde	Female	<i>Arti</i>	



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Sr. No	Name	Gender	Signature	Remark
45	Kale Aniket Santosh	M	Aniket	
46	Jadhav Dnyaneshwarai Madhukar	M	Pat.	
47	Devayani Igave	F	Devayani	
48	Somnuddhi Waghmare	F		
49	Preeti Suryawanshi	F	Preeti	
50	Saksham Shinde	male	Shinde	
51	Deviyani More	F	Deviyani	
52	Reeddy Arinash	M	Reeddy	
53	Shrasti Waghmare	Female	Waghmare	
54	Bhakti kshirsagar	Female	Bhakti	
55	Rohini Tekar	F	Rohini	
56	Rutuja Done	F	Rutuja	
57	Kedam Indrajit Mahadev	male	Kedam	
58	Kapse Aniket Nandusheb	male	Kapse	
59	Sutar Tanuja Rajpal	Female	Tanuja	
60	Garad Pooja Rajendra	-	Pooja	
61	Dhargude Rohan Shankar	male	Dhargude	
62	prashant sudhakar Sonwane	male	prashant	
63	Raut Adarsh Indrajit	male	Raut	
64	Gajendra Honalikaar	Male	Gajendra	
65	Sakshi Sanjay Sawant	female	Sakshi	
66	Shreyas Sanju Katwate	female	Shreyas	

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Sr. No	Name	Gender	Signature	Remark
67	Katale Shruti Arvind	female		
68	Nade Aditi Dhanayay	female		
69	Girram vaishnavi	female		
70	Gadgilme Abhney	male		
71	Pratik Kale	male		
72	Vishwajeet Padil	male		
73	Dhulshette Sushant	male		
74	Wangle Keshav	male		
75	Harale Balascheb	male		
76	Munde Swaminand	male		
77	Prasad pawar	male		
78	Jadhav Pralhad Ram	male		
79	Jagtap Ankush Balaji	male		
80	Shendre shubham ramchandra	male		
81	Jadhav Datta Anjanaba	male		
82	Ekorge Ashitosh Hanmant	male		
83	Jagtap omkar mahadev	male		
84	Pankaj Bhosale	male		

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