



**DCT's
Dhempe College of Arts and Science
Panaji, Goa**

Report on Inaugural function of Quarks Club and Talk on Bose Statistics @100

Objective

The inaugural function of the Quarks Club was to formally launch the club's activities for the academic year 2024-2025, bringing together students, faculty, and support staff of the Department of Physics to celebrate and foster a spirit of scientific inquiry and collaboration. The event also aimed to engage participants with a keynote address on Bose statistics to commemorate the centenary year of Bose Statistics.

Proceedings

The inaugural function of the Quarks Club was held on 28th August 2024 at 10:30 PM, in the AV Room of Dhempe College of Arts and Commerce. It was attended by 32 students along with the 5 faculty and 3 support staff of the Department of Physics. The event was marked by enthusiasm, and it was skillfully compered by Ramona Fernandes and Abhishek Verma.

The evening commenced with a comprehensive report on the club's activities for the year 2023-2024, presented by the coordinator, Dr. Miskil Naik. The report highlighted the club's successful initiatives and outlined ambitious plans for the upcoming year. The dignitaries were then invited to the dais. Prof. Ramesh Pai, Dean of the School of Physical and Applied Sciences, was honored with a potted plant. Other dignitaries, including the HOD, Vice Principal Dr. Swati Pawar, the coordinator Dr. Miskil Naik and the President Om Ganesh Naik were presented with posies. Following this, the lamp lighting ceremony commenced, which represents the triumph of knowledge over ignorance. The prizes and certificates for the quiz held earlier on National Space Day were distributed to the winners, participants, and the organizers, respectively, the names were read by Ms. Siddhi Parsekar.

Dr. Swati Pawar addressed the gathering, followed by an introduction to the chief guest, Prof. Ramesh Pai. The newly elected President, Om Ganesh, expressed his gratitude for being appointed to this position. He outlined his vision for the club, emphasizing his commitment to making it more active and engaging.

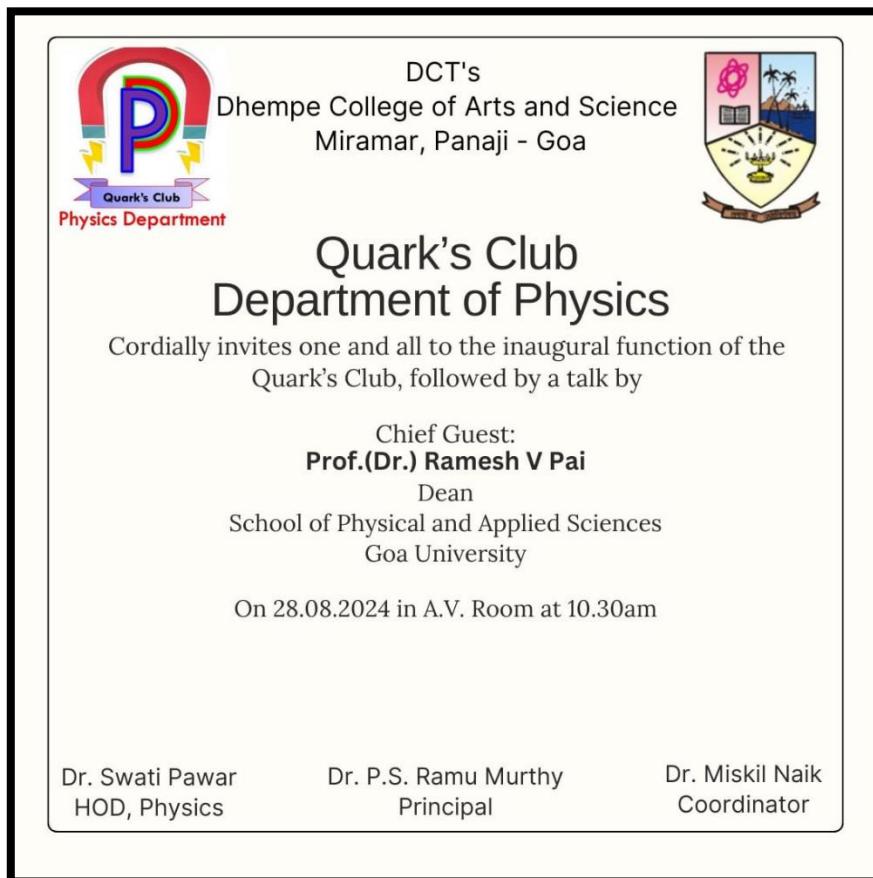
The highlight of the evening was the keynote address by Prof. Ramesh Pai on Bose Statistics. He provided a fascinating insight into the life and contributions of S.N. Bose, renowned Indian Physicist. Prof. Pai provided an insightful overview of the life and work of Satyendra Nath

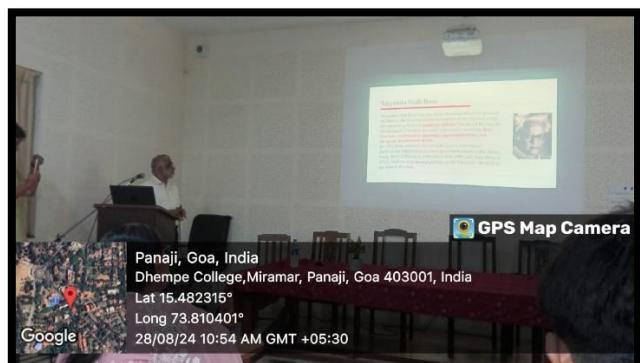
Bose, a pivotal figure in quantum mechanics. He discussed Bose's groundbreaking papers that introduced Bose Statistics, which describe the statistical behaviour of particles now known as Bosons. The talk covered the four major paper publications by Einstein that shaped the history of quantum mechanics, the partnership between Bose and Einstein, the Bose-Einstein Condensate, primary particles, bosons.

The program concluded with a vote of thanks delivered by the Secretary, Clyde De Araujo. The inaugural function of the Quarks Club was a resounding success, setting the stage for a year filled with exciting scientific endeavors and intellectual growth.

Outcome

The inaugural function was a resounding success, as it brought together 32 students, 5 faculty members, and 3 support staff, creating a vibrant and engaging atmosphere. The event successfully highlighted the club's past achievements and future aspirations, inspiring attendees with a deeper understanding of quantum mechanics through a keynote address by Prof. Ramesh Pai on Bose Statistics.






DCT's DHEMPE COLLEGE OF ARTS AND SCIENCE
Miramar, Panaji-Goa

Name of the Event: Quarks Club Inauguration
Date/day: 28/08/2024 - Wednesday
Venue: AV Room
Attendees:
a) No. of Students: 22
b) No. of Faculty: 1

Sr no.	Roll No.	Name of the Student /Faculty	Class	Subject	Sign.
1	2202172	Akash Zamburkar	TYBSc	Physics	
2	2202176	Sardaypanee Zee	TYBSc	Physics	
3	2202144	Chyle De Araya	TYBSc	Physics	
4	2202166	Gopal D. HALDANKAR	TYBSc	Physics	
5	2202244	Aniudh Neupane	TYBSc	Physics	
6	2202252	Dnyanik Naik	TYBSc	Physics	
7	2202244	Vishum Peltkar	TYBSc	Physics	
8	2406158	Vivek Naik	FYBSc	Physics	
9	2406170	Shreelalita G. Bhatmarigoli	FYBSc	Physics	
10	2302019	Gayatri Patadekar	SYBSc	Physics	
11	2302071	Sonal Rane	SYBSc	Physics	
12	2302073	Harsit Kothari	SYBSc	Physics	
13	2302156	Sarvash Kavirat	SYBSc	Physics	
14	2302043	Chaitra. v. Kamble	SYBSc	Physics	
15	2406167	Ruswita. c. Maheswara	FYBSc	Physics	
16	2406160	Yannali. A. Marchon	FYBSc	Maths	
17	2406166	Agnilia. R. Fernandes	FYBSc	Botany	
18	2302150	Kishor Sardar	SYBSc	Physics	
19	2202253	Om Naik	TYBSc	Physics	
20	2304058	Prachi chopdenkar	SYBSc	Physics	
21	2302148	Gajswi Durbhaktkar	SYBSc	Physics	
22	2302146	Abhishek Verma	SYBSc	Physics	


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Name of the Event: Quarks Club Inauguration
Date/day: 28/08/2024 - Wednesday
Venue: AV Room
Attendees:
a) No. of Students: 10
b) No. of Faculty: 3 + 3

Sr no.	Roll No.	Name of the Student /Faculty	Class	Subject	Sign.
23	2406152	Ankit Yadav	FYBSc	Physics	
24	2406111	Sreenivasa Lemikar	FYBSc	Physics	
25	2302651	RUSHAB JIVANI	SYBSc	Phy	
26	2302150	ROHIT RAI	SYBSc	Phy	
27	2302144	Omkar Dhuri	SYBSc	Phy	
28	2406153	Chaitra. Sarama	FYBSc	Geo	
29	2406123	Dentakshya Nambiar	FYBSc	Geo	
30	2406109	Sige Garkar	FYBSc	Chem	
31	2406111	Tushita A. Phope	FYBSc	Chem	
32	2406157	Rajyashri Desai	FYBSc	SC-C.S	
33	-	Dr. Kapil Borkar	FYBSc	Physics Faculty	
34	-	Mr. Siddhi Parekar	"	"	
35	-	Dr. Miskil Naik	"	"	
36	-	Mr. Nita Shetye	"	L.T	
37	-	Mr. Swapna Parekh	"	L.A	
38	-	Mr. Dinesh Gaikar	"	MTS	

Dr. Miskil Naik
Quarks Club- Coordinator

Dr. Swati Pawar
Head, Department of Physics