



**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 review to engage participants with a keynote address Bose statistics to commemorate 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 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.

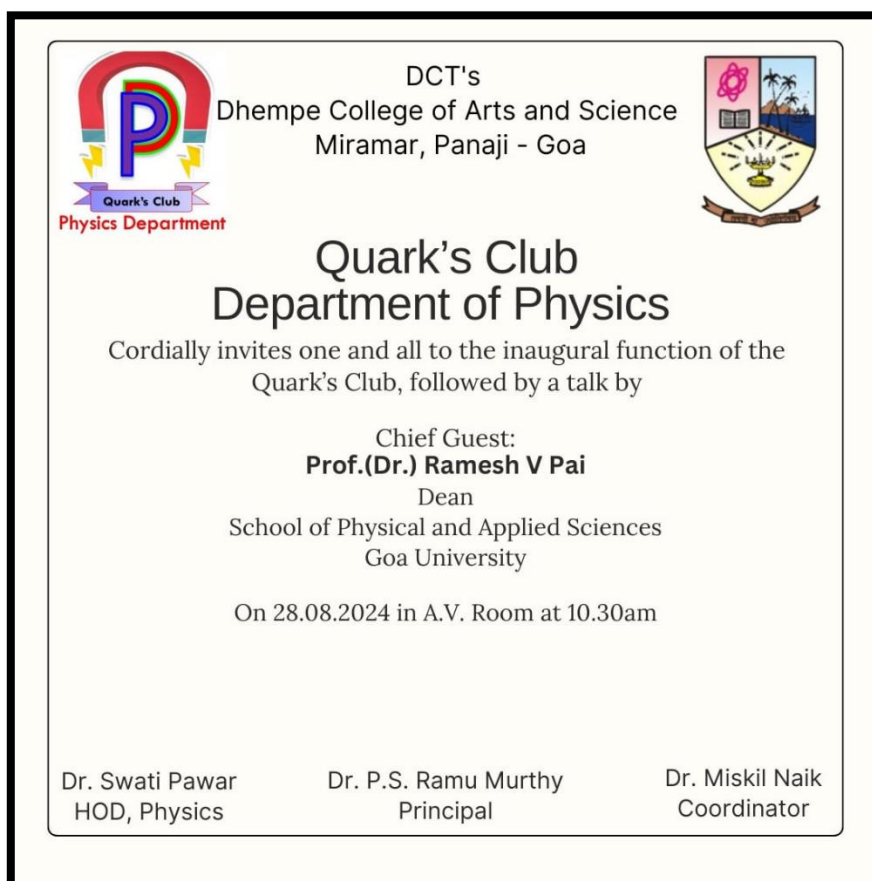
The highlight of the evening was the keynote address by Prof. Ramesh Pai on Bose Statistics. He provided a fascinating insight into the life and contributions of S.N. Bose, renowned Indian Physicist. Prof. Pai provided an insightful overview of the life and work of Satyendra Nath

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 Time: 10:30 am - 12:30 pm  
Date/day: 28/08/2024 - Wednesday  
Venue: AV Room  
Attendees:  
a) No. of Students: 22  
b) No. of Faculty: 0

Sr no.	Roll No.	Name of the Student / Faculty	Class	Subject	Sign
1	2202101	Shashank Zambaulkar	TYBSc	Physics	<i>[Signature]</i>
2	2202176	Jaydeepam Zee	TYBSc	Physics	<i>[Signature]</i>
3	2202164	Chyke De Araujo	TYBSc	Physics	<i>[Signature]</i>
4	2202166	Gobai D. HALDANKAR	TYBSc	Physics	<i>[Signature]</i>
5	2202244	Anirudh Neupane	TYBSc	Physics	<i>[Signature]</i>
6	2202252	Giryanak Naik	TYBSc	Physics	<i>[Signature]</i>
7	2202244	Vaishav Patkar	TYBSc	Physics	<i>[Signature]</i>
8	2406158	Vine Naik	FYBSc	Physics	<i>[Signature]</i>
9	2406170	Shreelalita G. Bhatnagar	FYBSc	Physics	<i>[Signature]</i>
10	2301069	Gajapati Subhadekar	SVBSc	Physics	<i>[Signature]</i>
11	2302071	Sonal Rane	SVBSc	Physics	<i>[Signature]</i>
12	2302070	Hazrat Kulkarni	SVBSc	Physics	<i>[Signature]</i>
13	2302156	Sumedh Kulkarni	SVBSc	Physics	<i>[Signature]</i>
14	2302043	Chaitra V. Kamble	SVBSc	Physics	<i>[Signature]</i>
15	2406163	Anshu C. Makwana	FYBSc	Physics	<i>[Signature]</i>
16	2406160	Yashvi A. Marchion	FYBSc	Maths	<i>[Signature]</i>
17	2406166	Agustia R. Fernandes	FYBSc	Botany	<i>[Signature]</i>
18	2302150	Rishabh Sankar	SVBSc	Physics	<i>[Signature]</i>
19	2202259	Om Naik	FYBSc	Physics	<i>[Signature]</i>
20	2304058	Prachi Chopdenkar	SVBSc	Physics	<i>[Signature]</i>
21	2302148	Ujaswi Durbhatkar	SVBSc	Physics	<i>[Signature]</i>
22	2302146	Abhishek Verma	SVBSc	Physics	<i>[Signature]</i>

Dr. Miskil Naik  
Quarks Club- Coordinator

  
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Name of the Event: Quarks Club Inauguration Time: 10:30 am - 12:30 pm  
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
237	2406152	Ankit Yadav	FYBSc	Physics	<i>[Signature]</i>
24	2406191	Sreenivas Lakshmi	FYBSc	Physics	<i>[Signature]</i>
25	2302051	RISHAB JIVANI	SVBSc	PHY	<i>[Signature]</i>
26	2302144	RISHAB RAI	SVBSc	PHY	<i>[Signature]</i>
27	2302144	Omkar Dhuri	SVBSc	Phy	<i>[Signature]</i>
28	2406153	Chirag Samra	FYBSc	Geo	<i>[Signature]</i>
29	2406133	Devilakshya Nambiar	FYBSc	Geo	<i>[Signature]</i>
30	2406109	Sigra Cortez	FYBSc	Chem	<i>[Signature]</i>
31	2406111	Tushita A. Phape	FYBSc	Chem	<i>[Signature]</i>
32	2406157	Riyansh Desai	FYBSc	Sec. CS	<i>[Signature]</i>
33	-	Dr. Kapil Bhatnagar	Physics	Faculty	<i>[Signature]</i>
34	-	Dr. Siddhartha Parashar	"	"	<i>[Signature]</i>
35	-	Dr. Miskil Naik	"	"	<i>[Signature]</i>
36	-	Ms. Nita Shetty	"	LT	<i>[Signature]</i>
37	-	Mrs. Swarupa Parashar	"	L.A	<i>[Signature]</i>
38	-	Mr. Deep Gaur	"	MTS	<i>[Signature]</i>

Dr. Swati Pawar  
Head, Department of Physics