



S.N.M COLLEGE MALIANKARA

(Affiliated to Mahatma Gandhi University, Kottayam)

1. Title of the programme : Talk on “Introduction to Quantum Mechanics”

2. Name of the Coordinator : Dr. Urmila K S

3. Organizing Department/Cell : Department of Physics

4. Date : 1st October 2019

5. Number of participants: 40

6. Venue: Seminar Hall

7. Resource Person: Dr. K. Madhu, Assistant Professor, Department of Physics, UC College, Aluva

8. Objective of the programme :

1. To describe and account for the properties of molecules and atoms and their constituents.
2. To provide a description of the physical properties of nature at the scale of atoms and subatomic particles.

9. Detailed description of the event:

The activities of Physics department for the academic year 2019-2020 started with the inauguration of the Physics Association held at college seminar hall at 1:30 pm on 1st October 2019. The function was inaugurated by Dr. C.M. Sreejith, Principal, SNM college, Maliankara. On the occasion, Dr. Urmila. K.S, Assistant Professor/Convener of Physics Association extended a welcome address and Sri. C.P. Sunil Kumar, Assistant Professor, Department of Physics delivered the presidential address. Sri. Krishnakumar.U.R, Assistant Professor in Department of Commerce extended felicitation address. Followed by the inaugural ceremony a talk on “Introduction to Quantum Mechanics” was delivered by the chief guest of the function, Dr. K. Madhu, Assistant Professor, Department of Physics, UC College, Aluva. The resource person discussed about the basic concepts of quantum mechanics in a very simple way and explained the applications found in nature as well as developing technologies that rely upon quantum effects, like integrated circuits and lasers. He explained that quantum mechanics is critically important in understanding how individual atoms are joined by covalent bonds to form molecules. Nearly 40 students participated in the programme. At the end of the talk, an interactive session was arranged for the students to clear their doubts related to the topic of discussion with the speaker.

10. Outcome of the event/Evaluation by programme Coordinator: The talk was very effective in creating awareness on quantum mechanics among students. The resource person explained about the importance of understanding the concepts of quantum

mechanics and its applications in diverse fields. In the interactive session with the speaker, the students cleared their doubts regarding possibilities of higher studies and research in the field of quantum mechanics. Participants evaluated the talk as an informative and effective learning experience.

Brochure



Photos



List of participants

Inauguration of Physics Association
Talk on "Introduction to Quantum Mechanics"
organised by
Department of Physics
Date : 1st October 2019, Time : 1:30pm, Venue : Seminar Hall

Sl No	Name	Department	Signature
1	Anurita Lakshay	Physics	[Signature]
2	Divya Chandana	"	[Signature]
3	Sankhya P.S	"	[Signature]
4	Rishi Va	"	[Signature]
5	Jayana V.M	"	[Signature]
6	Vijitha M.M	"	[Signature]
7	Angelina Abaji	"	[Signature]
8	Lalithamol R	"	[Signature]
9	Aradhana A.R	"	[Signature]
10	ARUN M.K	"	[Signature]
11	Princy Virend	"	[Signature]
12	Aranya M	"	[Signature]
13	Varunika V	"	[Signature]
14	Prabhat R	"	[Signature]
15	Fisher V.D	"	[Signature]
16	Vijay Babu	"	[Signature]
17	Shruthi V.M	"	[Signature]
18	Anushya V.S	"	[Signature]
19	Anjitha S	"	[Signature]
20	Aradhana C.S	"	[Signature]
21	Swathi P.S	"	[Signature]
22	Dhanusha S.S	"	[Signature]
23	Aradhana C.S	"	[Signature]
24	Aradhana S.R	"	[Signature]
25	Aradhana S.M	"	[Signature]
26	Aradhana P.L	"	[Signature]
27	Anurag K.M	"	[Signature]

28	Sriang P	Physics	[Signature]
29	Sreerani C.A	Physics	[Signature]
30	Beechana Sree	"	[Signature]
31	Swathy Mathan	"	[Signature]
32	Anjitha K.R	"	[Signature]
33	Abiya Joy	"	[Signature]
34	Rehana V. Radhakrishnan	"	[Signature]
35	Geethakrishni T.R	"	[Signature]
36	Kanya P.M	"	[Signature]
37	Karthika M.M	"	[Signature]
38	Deepa P. Kiri	"	[Signature]
39	Abhaya Beshi	"	[Signature]
40	Anjali M.M	"	[Signature]