



**SULLAMUSSALAM SCIENCE COLLEGE AREACODE**

**DEPARTMENT OF PHYSICS**

**NATIONAL SCIENCE DAY CELEBRATIONS 2020**

***'WOMEN IN SCIENCE'***

**5 MARCH 2020, 10.00AM**

**SEMINAR HALL**

## **Report**

Department of Physics Sullamussalam Science College conducted a talk on X-ray Diffraction, a powerful tool in material characterization by Dr Sabeena. M, Assistant Professor Department of Physics. Cochin University of Science and Technology Kochi Around seventy students from both BSc and MSc Physics and the teachers participated in the programme. The National Science Day is celebrated in India on 28th February every year to commemorate the famous discovery of Raman Effect by Indian Physicist and Nobel prize winner Sir Chandrasheka Venkata Raman on 28 February 1928. The programme aim to celebrate the day with great enthusiasm and to impart the scientific temper in the mind of students especially girls as the focal theme of this year's science day is Women in Science. Dr Sabeena Shared with students not only the concept but also how to face the challenges in the path to research to girl students. Dr Sabeena during her class interacted with students and shared all the concepts about X-ray diffraction X-ray diffractometer and its parts How the XRD pattern gives us the details of the crystal planes and its orientation. She discussed various planes in the crystal and how it is related to the Bragg's law Also about the conceptual understanding of characterization and analysis of various amorphous and crystalline materials She ended the talk by advising the students to study the basic concepts of Physics then only science become interesting subject to all She motivated the students to move towards the area of research in Science. The session was inaugurated by Dr P.

Mohammed Ali Sir and CA Safeeqe Head of the Department of Physics presided over the function Dr NAM Shanid speaks over the importance of celebrating National Science day and Afnan. M of MSc Physics given the vote of thanks. Mr Mohammed Shahamath TK of final year BSc Physics awarded prize for his excellent performance (18 rank) in the APT-TSE examination.



SULLAMUSSALAM SCIENCE COLLEGE, AREEKODE  
**Department Of Physics**  
NATIONAL SCIENCE DAY CELEBRATION-2020

*On the focal theme*

**'WOMEN IN SCIENCE'**

*on 5th March 2020 at 10.am*

Programme Schedule

- Welcome Speech : Najiya. K. M
- Presidential Address : C.A.Safeeque  
Head of the Department  
Department of Physics.
- Inauguration : Dr.P.Muhammed Ilyas  
Principal, S.S. College, Areecode
- Science Day Message: Azzah Zubair Abdulrahman
- Felicitation : 1. Swapnamol George  
Department of Computer Science
2. DR. Faseela K.  
Department of Mathematics
- Honoring : Mr. Muhammed Shahamath (APT TSE 18<sup>th</sup> Rank)
- Keynote Address : **Dr Sabeena.M**  
Assistant Professor,  
Department of Physics,  
CUSAT, Kochi
- Vote of Thanks : Seena. P.H  
Department of Physics.

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S.No	Name of the Participant	Designation	Signature
1	Afnan.M	II <sup>nd</sup> sem Msc physics	
2	Nasla. P.M	II <sup>nd</sup> sem Msc Physics	
3	Shamila.E	II <sup>nd</sup> sem Msc Physics	
4	Fathimma Kinsha-M	II <sup>nd</sup> sem Msc physics	
5	SHAMLA.VP	II <sup>nd</sup> sem Msc physics	
6	Ayisha Simiya.c	6 <sup>th</sup> sem Bsc Physics	
7	Ruba Mundambra	II <sup>nd</sup> sem Msc physics	
8	safva P	" "	
9	Nishna MP	" "	
10	RANA M.K.	" "	
11	Airudh.S	IV <sup>th</sup> sem Bsc Physics	
12	shahabas ahamed kotto	IV <sup>th</sup> sem Bsc physics	
13	Arjun.k.Babu	IV <sup>th</sup> sem physics	
14	Iyad Bin Hussain	IV <sup>th</sup> sem physics	
15	ONAR ISHAN WAHED	IV <sup>th</sup> sem phy	
16	MUHAMMED SHAKIR U	IV <sup>th</sup> phy	
17	Mohammed Nadhaem.c	"	
18.	Atlas	II MSc	
19.	Anees Usman	1 <sup>st</sup> year Physics	
20.	Bushair ali.k	1 <sup>st</sup> year physics	

21	Sangeeth. M	2 <sup>nd</sup> year Bsc phy	<del>Am</del> 05.2020
22	Aamil Ihsan	"	<del>Am</del>
23	Muhammed. Rishad. v	1 <sup>st</sup> year Bsc phy	<del>R</del>
24	Shabirali m.c	1 <sup>st</sup> " " "	<del>Am</del>
25	Nazin Rahman C.P	1 <sup>st</sup> year B.sc phy	<del>Mam</del>
26	Hana Shareef C.K	2 <sup>nd</sup> year Bsc Phy	<del>Am</del>
27	SHIBLA.PK	" "	<del>Am</del>
28	Shaniba.v.p	" "	<del>Shaniba</del>
29	Hadi azeeg	II <sup>nd</sup> sem MSc physics	<del>Am</del>
30	RAFIENAH SAHIBAN. E	" "	<del>Am</del>
31	Jasna	" "	<del>Am</del>
32	Muhsina	" "	<del>Am</del>
33	Vineetha-P	IV sem MSc PHYSICS	<del>Vineetha</del>
34	Shadi Hanan m.k	2 <sup>nd</sup> MSc physics	<del>Shadi</del>
35	Wasil <del>A</del> Athammed.c	2 <sup>nd</sup> BSc Physics	<del>Wasil</del>
36	Aslanul Fasis. c	2 <sup>nd</sup> BSc physics	<del>Aslanul</del>
37	Masroor <del>A</del>	2 <sup>nd</sup> BSc Physics	<del>Masroor</del>
38	Muhammed Musthafa c	2 <sup>nd</sup> BSc physics	<del>Muhammed</del>
39	Khaleel Rahman	2 <sup>nd</sup> BSc physics	<del>Khaleel</del>
40	Muhammed Dilshadat	" "	<del>Muhammed</del>
41	Muhammed Ishaad.O	" "	<del>Muhammed</del>
42	Jaseer OP	" "	<del>Jaseer</del>
43	Tanzeel Hameed	" "	<del>Tanzeel</del>
44	Jummi Nasry.u.m	2 <sup>nd</sup> Bsc physics	<del>Jummi</del>
45	Swafrana Melibooob.	" "	<del>Swafrana</del>
46	shadia. A	" "	<del>shadia</del>
47	Blayn	" "	<del>Blayn</del>
48	Aparna.c	" "	<del>Aparna</del>
49	Anjana.P	" "	<del>Anjana</del>

