



DEPARTMENT OF PHYSICS

ALL SAINTS' COLLEGE , THIRUVANANTHAPURAM

in association with

Board of Studies (UG Physics)

University of Kerala

is organizing a

FIVE DAY RESIDENTIAL WORKSHOP

ON

FYUGP SYLLABUS REVISION

(An IQAC initiative)

19/03/2024 - 23/03/2024

Venue: Recreation Hall

Patron : Rev Mother Molly Attully

Principal : Dr. Reshmi R. Prasad

Coordinator : Dr. Anjana P.S.

(Head, Department of Physics)

Organizing Committee: Department of Physics

& Team IQAC



ALL SAINTS' COLLEGE THIRUVANANTHAPURAM

(Affiliated to University of Kerala)

- 1 **Title of the program** **Five Day Residential Workshop on FYUGP Syllabus Revision**
- 2 **Name of the Coordinator/s** Post Graduate Department of Physics in association with Board of Studies (UG Physics), University of Kerala
- 3 **Organizing Department/Cell** Post Graduate Department of Physics & Team IQAC, All Saints' College
- 4 **Date & Duration** 19/03/2024 to 23/03/2024, Five days
- 5 **Participants** Faculty members of Physics from various colleges under University of Kerala
- 6 **Resource Person/s** Faculty members of Physics from various colleges under University of Kerala
- 7 **Objective of the Program**
 - To critically review the existing CBCSS syllabus.
 - To identify areas for improvement and modernization.
 - To develop a revised FYUGP syllabus that aligns with current trends and industry needs.
 - To enhance the teaching and learning methodologies in physics.
- 8 **Detailed description of the event**

The Department of Physics, All Saints' College, Thiruvananthapuram, in collaboration with the Board of Studies (UG Physics), University of Kerala & IQAC, All Saints' College Trivandrum, organized a five-day residential workshop focused on the preparation of the FYUGP syllabus. The workshop aimed to enhance the quality of undergraduate physics education in Kerala by critically reviewing the existing CBCSS syllabus, identifying areas for improvement, and developing a revised syllabus aligned with current trends and industry needs.

Key Activities and Discussions:

 - **Syllabus Review:** Participants engaged in a detailed review of the existing syllabus, identifying its strengths and weaknesses and creating a new FYUGP syllabus.
 - **Curriculum Development:** Experts discussed the need for incorporating modern topics, such as nanotechnology, materials science, forensic science, renewable energy and energy technology into the syllabus.
 - **Pedagogical Strategies:** The workshop explored innovative teaching methods, including active learning, problem-based learning, and project-based learning. Various assessment patterns were also discussed.
 - **Laboratory Curriculum:** Discussions were held on the importance of practical training and the need for modernizing laboratory experiments.
- 9 **Outcome of the event/Evaluation by Program Coordinator**



Reshmi
PRINCIPAL
All Saint's College
Thiruvananthapuram

By critically reviewing the existing syllabus and discussing innovative teaching methodologies, the workshop aimed to enhance the quality of physics education in the undergraduate level in Kerala. The recommendations from the workshop, including the revised syllabus, emphasis on practical skills, and industry-academia collaborations, will play a significant role in shaping the future of physics education. By implementing these recommendations, it is expected that the quality of the Four-Year Undergraduate Physics education in Kerala will be significantly improved, leading to the production of highly skilled and industry-ready graduates.

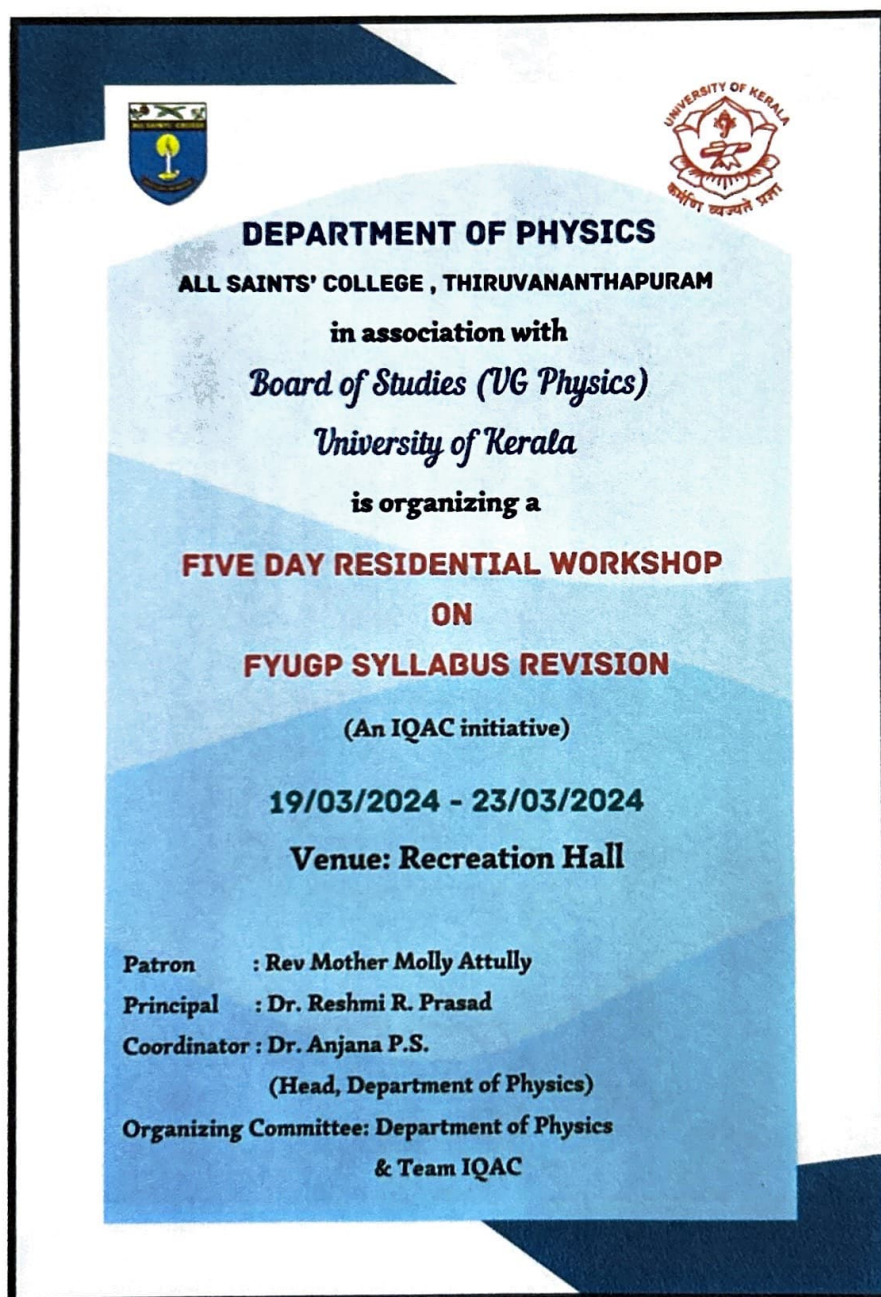
10 Brochure of the event



Attached

11 Photos

Attached

BROCHURE OF THE EVENT



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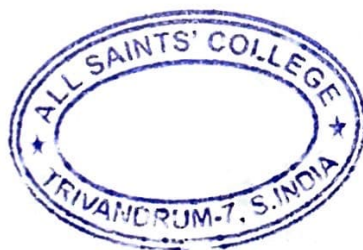
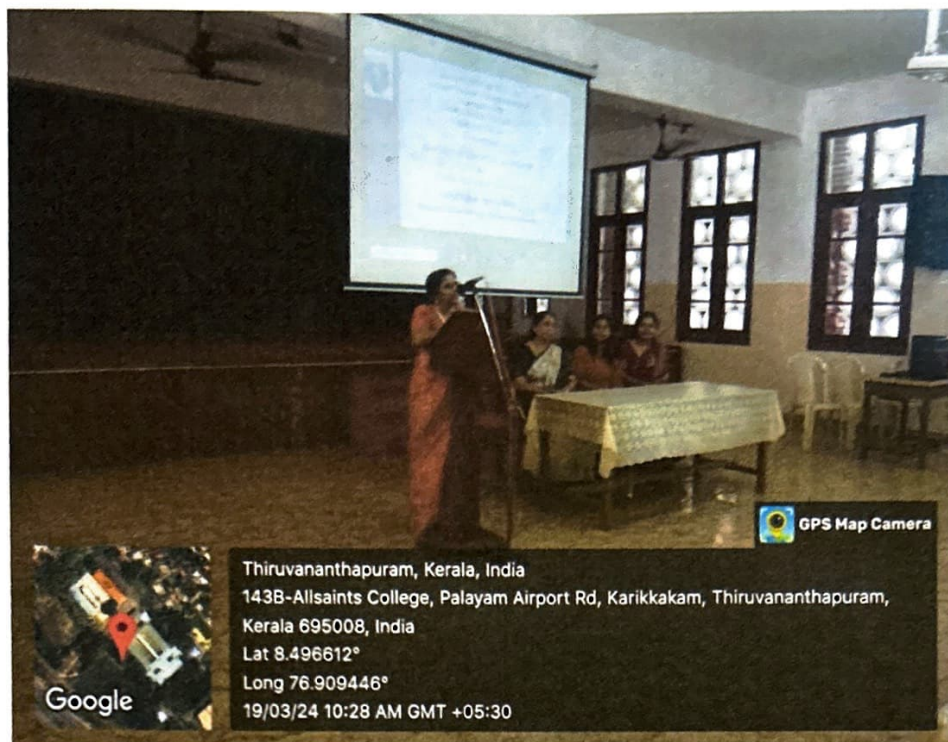



PRINCIPAL
All Saint's College
Thiruvananthapuram

PHOTOS



Reshmi
PRINCIPAL
All Saint's College
Thiruvananthapuram



Reshmi
PRINCIPAL
All Saint's College
Thiruvananthapuram

Department for the Month of March 2024

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Adj-PS
23.3.24

OF KERALA

Board of Studies (Physics UG) in collaboration with Dept. of Physics and IQAC, All Saints'

20

College, Trivandrum

F YUGP

SYLLABUS

REVISIT

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23/3/24

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UNIVERSITY

Attendance Register ... FYUGSD ... Syllabus: Propylene

NAME	No. of days Casual Leave already availed	Date									
		Eng.	Mal.	1	2	3	4	5	6	7	8
21. Dr. Miss. Devi R Nair	FN										
28. Dr. Rajesh S	AN										
29. Dr. Krishnakumar V	AN										
30. Smith. S	AN										
31. Dr. Prince P.R	FN										
32. Dr. Sasanka Kumar S	FN										
33. Dr. Rathesh R	FN										

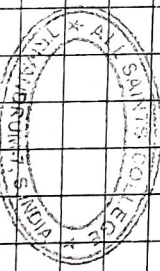
OF KERALA

at All Saint's College, Thiruvananthapuram for the Month of March 20, 2024

NAME	No. of days Casual Leave already availed	Date																				
		Eng.	Mal.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Dr. Anjana P.S.	AN																					
Dr. Prince P.R	FN																					
Dr. Rathesh R	FN																					
Dr. Sasanka Kumar S	FN																					
Dr. Smith. S	AN																					
Dr. Krishnakumar V	AN																					
Dr. Miss. Devi R Nair	FN																					

Dr. ANJANA P.S.
Assistant Professor
Department of English
All Saint's College
Thiruvananthapuram - 07

(Co. Orchidator, FYUGSD in Physics)



Dr. Prince P.R.
Principal
All Saint's College
Thiruvananthapuram

Dr. Rathesh R.
Assistant Professor
Department of English
All Saint's College
Thiruvananthapuram



University of Kerala

Thiruvananthapuram, Kerala, India 695 034

(Re-accredited by NAAC with 'A++' Grade)

Certificate of Participation

Certified that Dr./Prof./Ms./Mr. Neena Suresh Babu, Assistant Professor, All Saints
College, Thiruvananthapuram
participated in the Five day Workshop conducted from 19th to 23rd March 2024 for
Curriculum Design and Development of Four Year Under Graduate Programme in Physics



Thiruvananthapuram
23rd March 2024

Prof. (Dr.) Bijukumar K
Coordinator

Prof. (Dr.) K. S. Anil Kumar
Registrar



University of Kerala

Thiruvananthapuram, Kerala, India 695 034

(Re-accredited by NAAC with 'A++' Grade)

Certificate of Participation

Certified that Dr./Prof./Ms./Mr. Renju R. Krishnan, Assistant Professor, St. Xavier's College,
Thumba

participated in the Five day Workshop conducted from 19th to 23rd March 2024 for
Curriculum Design and Development of Four Year Under Graduate Programme in Physics



Thiruvananthapuram
23rd March 2024

Prof. (Dr.) Bijukumar K
Coordinator

Prof. (Dr.) K. S. Anil Kumar
Registrar