



KONGUNADU ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)

Re-accredited by NAAC with A⁺ Grade - 4th cycle,

College of Excellence – UGC

29th Rank among Colleges in NIRF 2023

Coimbatore - 641 029, Tamil Nadu, India



DEPARTMENT OF PHYSICS Under DBT STAR COLLEGE SCHEME REPORT

Name of the Event	Hands on Physics Experiment for School Students (Grade XII)
Date	04.09.2023
Time	11.00 - 4.00 P.M
Venue of the Programme	UG Physics Laboratory, KASC
Objectives of the Programme	Hands on training and measurements of various physical parameters.
Outcome of the Programme	30 Students and one teacher got training on measurement of refractive index, wavelength of light, Zener and Junction Diode characteristics and verification of truth table of basic logic gates using IC's along with the basic principle.
Number of Beneficiaries	30 school students and 1 school teacher from VCSM matriculation and Higher Secondary School (Green Field School), Coimbatore.

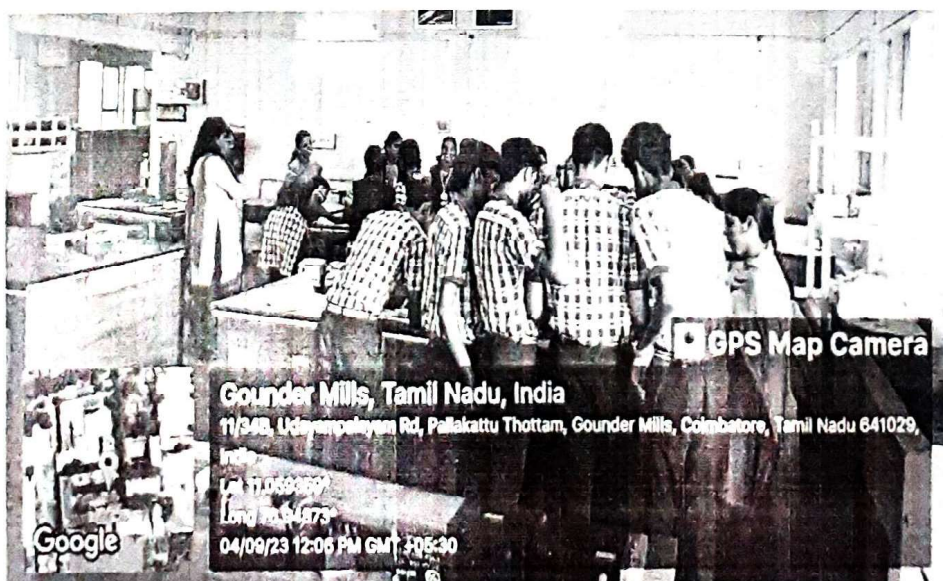
Report of the Programme

A Hands on Physics Experiment for School Students (Grade XII) of VCSM matriculation and Higher Secondary School (Green Field School), Coimbatore was conducted on 04.09.2023 in the UG Physics Laboratory. 30 Students (accompanied by a teacher) from the school came to the UG physics laboratory. Faculty members of Physics department along with few students of our department gave a hands on training and practical session on measurement of refractive index, wavelength of light, Zener and Junction Diode characteristics verification of truth table of basic logic gates using IC's along with the basic principle/ theory to understand the practical results. The students experienced the practical session till 4.00 PM.

A. Anukrishnan
9/9/23
Signature of the
Coordinator
S. A.

Shelvi
4/9/23
Signature of the
Department Star College Coordinator

A. Anukrishnan
9/9/23
Signature of the
Head of the Department



A. Anu kashan
4/9/23



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DEPARTMENT OF PHYSICS Under DBT STAR COLLEGE SCHEME REPORT

Name of the Event	Outreach programme for Grade XI and XII students
Date	05.09.2023
Time	3.00 P.M
Venue of the Programme	Government Girls Higher Secondary School, Thondamuthur
Objectives of the Programme	To motivate the school students towards higher education in science and to elaborate them about the available job opportunities and scope of science education
Outcome of the Programme	Students have learnt about the importance of science education and its future scope. They have also learnt about the job opportunities related to science disciplines.
Number of Beneficiaries	100 school students of Grade 11 and 12

Report of the Programme

The talk was delivered in the Government Girls Higher Secondary School, Thondamuthur. About 100 girl students of grade 11 and 12 of Science discipline had attended the programme. Dr. M. Seetha and Dr. P. Matheswaran, Assistant Professors of Department of Physics, Kongunadu Arts and Science College, Coimbatore delivered a lecture entitled "Awareness programme on higher education in Science and Physics". The talk highlighted the importance of science education in future generation of India and the career opportunities available for science students in particular girl students. The competitive examinations conducted for Physics students, summer internships for school students and fellowships to school, college and doctoral students for science education was emphasized. Students actively participated and gathered knowledge and opportunities on science education.



Students were addressed by faculties



Vote of thanks by Tr. Jasmine Sharmila, Physics Teacher-Grade 12

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(Dr. M. SEETHA)
Matheswaran
(Dr. P. MATHESWARAN)
Signature of the
Coordinators

bluetu
5/9/2023
Signature of the
Department Star College Coordinator

A. Anukathan
5/9/23
Signature of the
Head of the Department