

**Department of Physics**

**Sri GVG Visalakshi College for Women, (Autonomous)**

Affiliated to Bharathiar University

Re- Accredited at A<sup>+</sup> Grade by NAAC (Fourth Cycle)

An ISO 9001:2015 Certified Institution

Udumalpet - 642128, Tamilnadu



## **INDUSTRIAL VISIT**

**NANOSCIENCE LABORATORY AT BHARATHIAR UNIVERSITY, COIMBATORE**

**ORGANIZED BY**

**DEPARTMENT OF PHYSICS**

**PLACE: NANOSCIENCE LABORATORY AT BHARATHIAR UNIVERSITY, COIMBATORE**

**DATE: 29.09.2022**

**Department of Physics**

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**Circular**

Dear Professors

Department of Physics has planned for an institutional visit under DBT Star College Scheme of our III UG & PG students to Nanoscience Laboratory at Bharathiar University, Coimbatore on 26-09-2022.

**Head of the Department**

**Mrs. B. NIRMALA**

Head of the Department of Physics  
Sri GVG Visalakshi College for Women  
Udumalpet, Tamilnadu - 642128

**Principal**

**PRINCIPAL**  
**SRI GVG VISALAKSHI COLLEGE**  
**FOR WOMEN (AUTONOMOUS)**  
**VENKATESA MILLS POST,**  
**UDUMALPET - 642 128**



GVG visalakshi college for women  
(Autonomous)  
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An ISO 9001:2015 Certified & NIRF Ranked  
Institution  
Udumalpet 642 128.

Department of Physics

Organizes

An Industrial visit

**Nanoscience Laboratory at  
Bharathiyar University  
Coimbatore**

**On  
29.09.2022**





## REPORT OF INSTITUTIONAL VISIT

On 29.09.2022, III B.sc Physics students have visited the Nanoscience Laboratory at Bharathiar University, Coimbatore. Students had a first hand learning experience about the advanced sophisticated Instrumentation techniques such as

1. X-ray diffraction Spectroscopy
2. Fourier Transform Infrared Spectroscopy
3. Ultra-violet Visible Spectroscopy
4. Field Emission Scanning Electron Microscopy
5. Dielectric Studies Measurement
6. Raman Spectroscopy
7. Electrochemical Workstation
8. Electrospinning unit
9. Electrochemical gas sensor unit
10. Brunauer-Emmett-Teller Analysis

Used for the characterization of the Prepared nano materials

No of Beneficiaries : 20

~~Expected~~ Outcome: The students <sup>will</sup> ~~can~~ be able to

- i) Interpret the XRD Spectral data of their samples prepared for their project work
- ii) Perform SEM image interpretation of their samples.
- iii) Find the Band gap energy of the samples.

M. Anand  
DBT Co-ordinator

B. Neelesh  
HOD

Rajeswari K.  
Principal

Mrs. B. NIRMALA  
Head of the Department of Physics  
Sri GVG Visalakshi College for Women  
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<b>S.No</b>	<b>Reg.No</b>	<b>Class</b>	<b>Name of the Student</b>
1	20BP9149	III B.Sc Physics	DIVYA.A
2	20BP9150	III B.Sc Physics	GAYATHIRI.A
3	20BP9151	III B.Sc Physics	GOWRI.N
4	20BP9152	III B.Sc Physics	GOWTHAMI.N
5	20BP9153	III B.Sc Physics	KARTHIKEYANI SEBI.S .B
6	20BP9154	III B.Sc Physics	MAHALAKSHMI.A
7	20BP9155	III B.Sc Physics	MATHUMITHRA.S
8	20BP9156	III B.Sc Physics	MITHRA.V
9	20BP9157	III B.Sc Physics	NIRMALA.S
10	20BP9160	III B.Sc Physics	SANGEERTHANAM.M.L
11	20BP9161	III B.Sc Physics	SHOBIKA.S
12	20BP9162	III B.Sc Physics	SHRUTHI.V
13	20BP9163	III B.Sc Physics	SNEHA.M
14	20BP9164	III B.Sc Physics	SNEKA.D
15	20BP9165	III B.Sc Physics	SNEKA.S
16	20BP9166	III B.Sc Physics	SUBHIKSHA.G
17	20BP9167	III B.Sc Physics	SUMAMANJARI.S
18	20BP9168	III B.Sc Physics	SWATHI.S
19	20BP9169	III B.Sc Physics	SYED NURKEES.M.R
20	20BPR9755	III B.Sc Physics	PARKAVI.R