



V.V.VANNIAPERUMAL COLLEGE FOR WOMEN

(Belonging to Virudhunagar Hindu Nadars)

An Autonomous Institution Affiliated to Madurai Kamaraj University

Re-accredited with 'A' Grade (3rd cycle) by NAAC

VIRUDHUNAGAR – 626 001 (TAMIL NADU)



सत्यमेव जयते
DEPARTMENT OF BIOTECHNOLOGY
GOVERNMENT OF INDIA

DBT STAR COLLEGE SCHEME

Department of Biotechnology,
Government of India, New Delhi

Chairman & Principal

: Dr.(Tmt.)S.M. MEENA RANI, M.Sc.,M.Phil., P.G.D.C.A.,Ph.D.,

Contact number: 9498088703

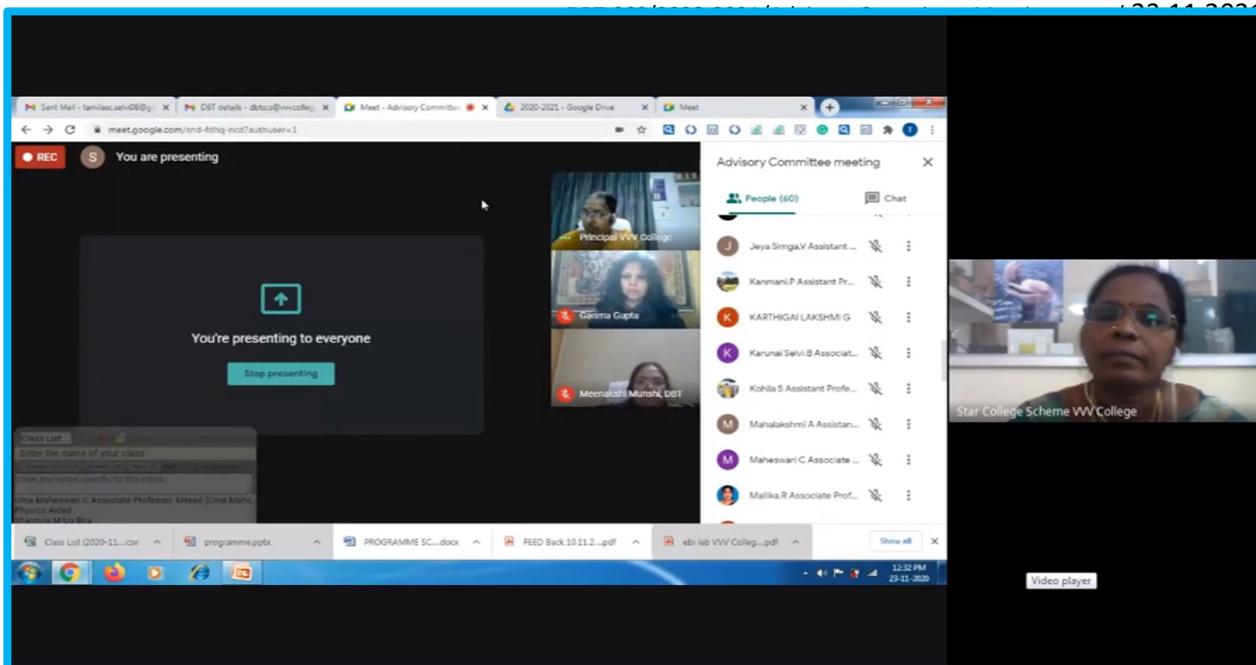
e-mail:principal@vvvcollege.org

Coordinator & Member Secretary :Dr.(Tmt.) M.TAMILSELVI, M.Sc.,M.Phil.,Ph.D.,

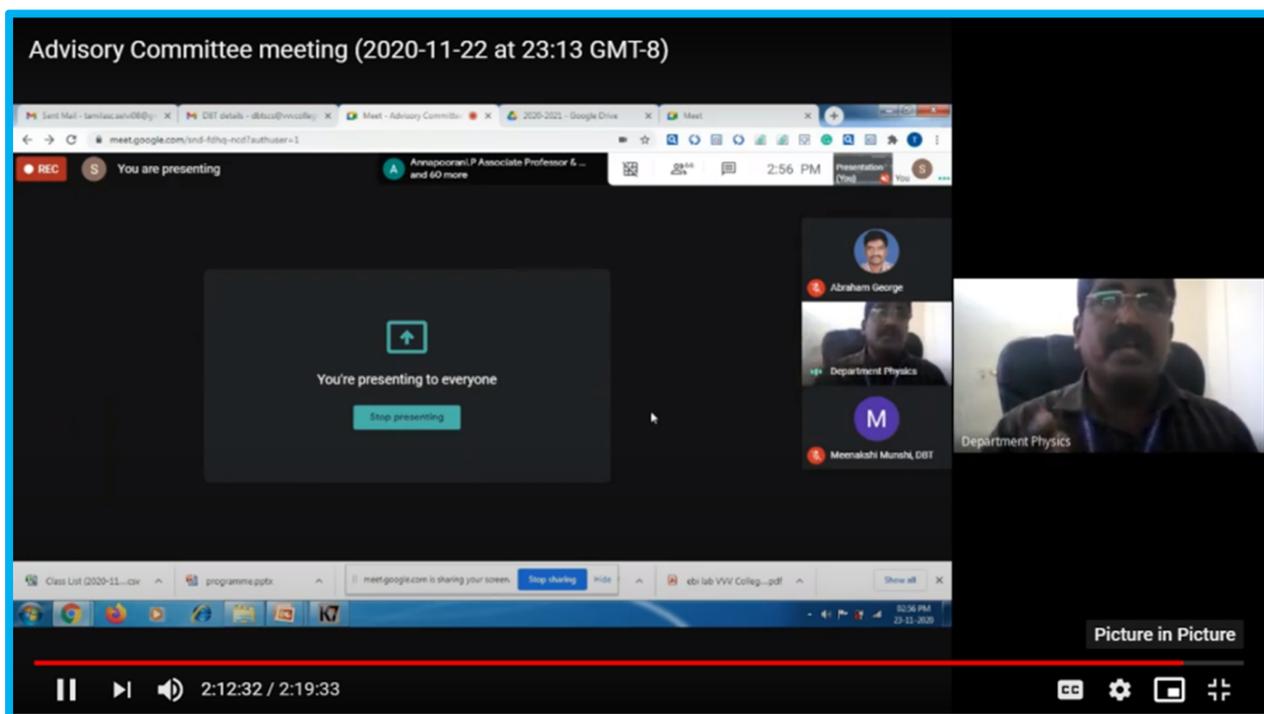
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ADVISORY COMMITTEE MEETING PHOTO GALARY



On 23.11.2020, **Advisory Committee Meeting** with **Dr.Garima Gupta**, Programme Officer of Star College Scheme **Dr.Meenakshi Munshi**, Adviser, HRD in Department of Biotechnology, (HRD Division) and **Dr.S.M.Meena Rani**, Principal & Chairman, V.V.Vanniaperumal College for Women, Virudhunagar.



On 23.11.2020, **Advisory Committee Meeting** with the Subject Experts, **Dr.C.Ravidhas**, Head, Research Department of Physics, Bishop Heber College, Trichy and **Dr.G.C.Abraham**, Vice Principal, Associate Professor of Botany, The American College, Madurai.

**WORKSHOP/GUEST LECTURE ORGANIZED
under DBT Scheme**

Date	Title	Resource person	Participants	No. of beneficiary
12.10.2020 – 16.10.2020	Five Days Interdepartmental Workshop on GIS - Data Processing and Analysis using FOSS	Dr. B. Balaguru Aistant Professor Department of Botany Jamal Mohamed College Tiruchirappalli	Physics/ Chemistry/ Zoology/Biotechnology/ Microbiology/ Mathematics/ Computer Science	178
16.11.2020	Lecture cum demo on the topic Troubleshooting of Electrical Appliances	Mr.S.Balamurugan, Lecturer/EEE V.S.V.N.Polytechnic College, Virudhunagar.	Physics/Information Technology// Microbiology	95
16.11.2020 – 20.11.2020	Five days' Workshop on Spherical & Cylindrical Coordinates - Mathematical Physics	Dr.M.Senthivelan, Professor & Head Department of Nonlinear Dynamics Bharathidasan University Tiruchirappalli	Physics/Mathematics	146

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Uma Maheswari.K Associate Professor &Head

Dr.K.Uma Maheswari, Associate Professor and Head, **Department of Physics** presents the content in the Advisory Committee Meeting held on **23.11.2020**.

**DEPARTMENT OF CHEMISTRY
ADVISORY COMMITTEE MEETING
Under DBT – STAR College Scheme**

List of new practical to be done by the individual under DBT scheme

I Year	II Year	III Year	No. of beneficiaries
i) Estimation of Fe(III) and Cu(II) ions by colorimeter ii) Analysis of Dye Degradation in Dying industrial effluent using UV Photo reactor iii) Analysis of Sodium level in various Junk foods by Flame Photometer iv) Determination of first, second and third dissociation constants of phosphoric acid using pH Meter	i) Characterization of organic compounds using IR Spectrometer. ii) Chromatographic separation of KMnO ₄ , K ₂ Cr ₂ O ₇ , amino acids, lipids and carbohydrates.	Application of 'C' language in calculating i) molecular weight of organic compound ii) pH of the given solution. iii) Normality and molality of the given solution. iv) first order rate constant of a chemical reaction	140 students for each practicals.

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Date: 23.11.2020



Dhanalakshmi.M Assistant Professor

Video player

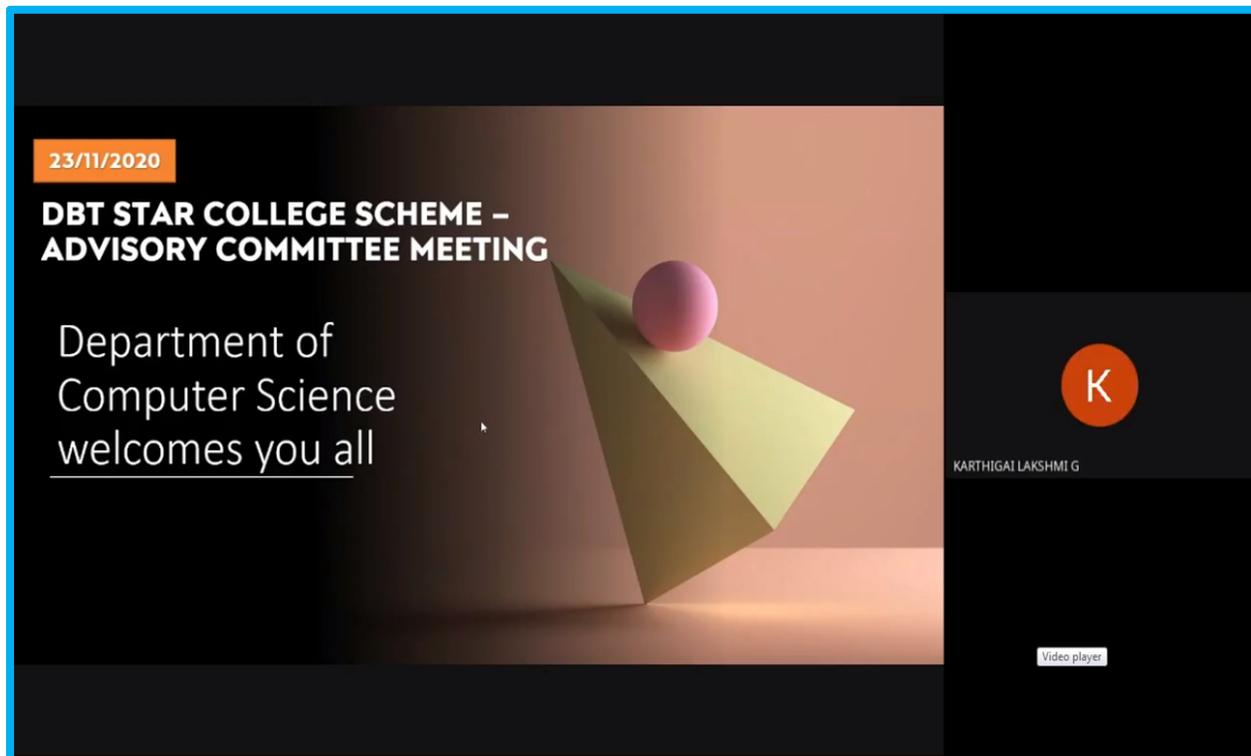
Mrs.M.Dhanalakshmi, Associate Professor and Head, **Department of Chemistry** presents the content in the Advisory Committee Meeting held on **23.11.2020**.

The screenshot shows a video player displaying a presentation slide. The slide has a light yellow background and contains the following text: "V. V. VANNIAPERUMAL COLLEGE FOR WOMEN, VIRUDHUNAGAR" in green, followed by "(Belonging to Virudhunagar Hindu Nadars)" and "An Autonomous institution Affiliated to Madurai Kamaraj University, Madurai Re-accredited with 'A' Grade (3rd Cycle) by NAAC Virudhunagar-626 001" in smaller black text. Below this is the "DEPARTMENT OF ZOOLOGY" in purple, "ADVISORY COMMITTEE MEETING UNDER DBT STAR COLLEGE SCHEME" in red, "Date: 23.11.2020" in green, and "Dr. J. RANI Head and Associate Professor Department of Zoology" in purple. Logos for the college and the Department of Biotechnology are visible. A video player interface at the bottom shows a red progress bar at 25:44 / 2:19:33 and various control icons. On the right side of the video player, there is a pink circular profile picture with the letter 'R' and the name "Rani J Associate Professor & Head".

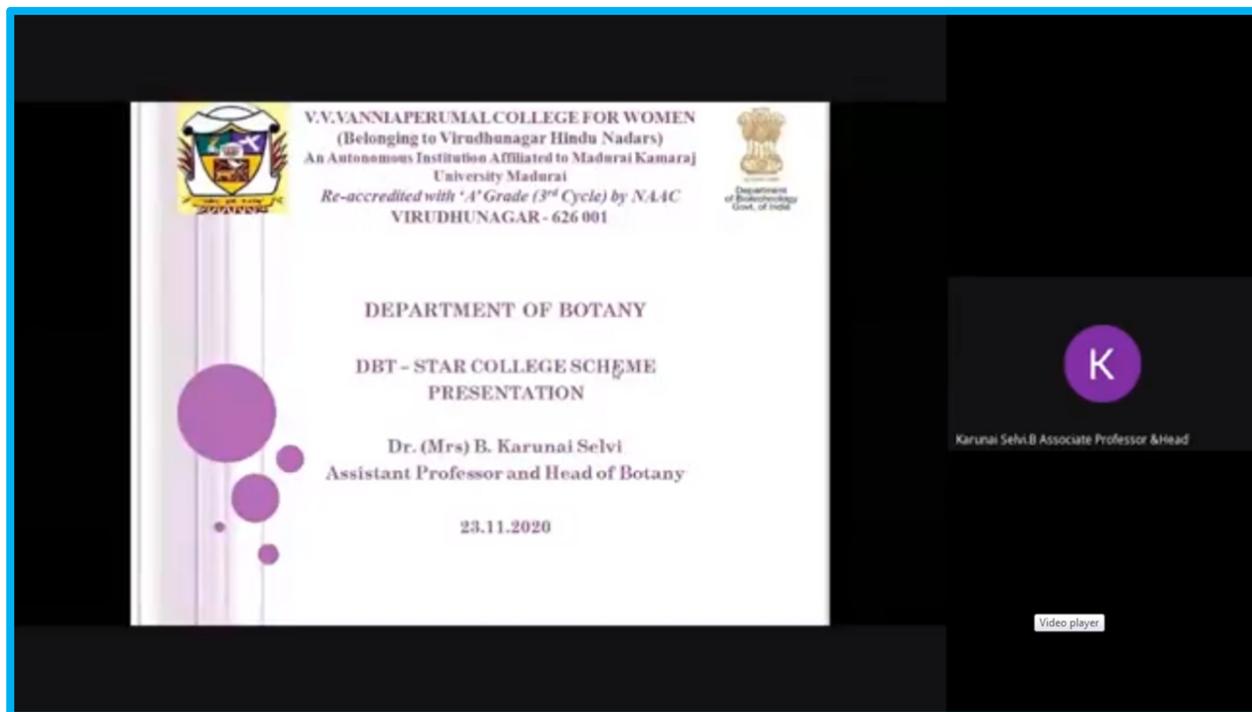
Dr.J.Rani, Associate Professor and Head, **Department of Zoology** presents the content in the Advisory Committee Meeting held on **23.11.2020**.

The screenshot shows a video player displaying a presentation slide. The slide has a blue background with a circuit-like pattern and contains the following text: "V. V. VANNIAPERUMAL COLLEGE FOR WOMEN VIRUDHUNAGAR" in white, "DEPARTMENT OF MATHEMATICS" in white, and "TASKS TO BE CARRIED OUT UNDER DBT STAR COLLEGE SCHEME" in white. A Windows taskbar is visible at the bottom of the slide, showing the time as 01:21 PM. On the right side of the video player, there is a blue circular profile picture with the letter 'U' and the name "Uma devi Associate Professor". A small notification box in the bottom right corner of the slide reads "You're presenting to everyone Click here to return to the video call when you're ready to stop presenting".

Dr.A.Uma Devi, Associate Professor and Head, **Department of Mathematics** presents the content in the Advisory Committee Meeting held on **23.11.2020**.



Dr.G.Karthigai Lakshmi, Associate Professor and Head, **Department of Computer Science** presents the content in the Advisory Committee Meeting held on **23.11.2020**.



Dr.B.Karunai Selvi, Assistant Professor and Head, **Department of Botany** presents the content in the Advisory Committee Meeting held on **23.11.2020**.

Press **Esc** to exit full screen

EQUIPMENTS TO BE PROCURED FOR THE PROPOSED NEW PRACTICALS.

Name of the equipment procured/ ordered	Quantity	Name of the equipment procured/ ordered	Quantity
Cooling Micro Centrifuge	1	Autoclave Vertical	1
Incubator	1	LCD Digital Microscope	1
Laminar Airflow Cabinet.	1	UV Transilluminator	1
Lab level Bioreactor	1	Vortex Mixer	1
Colorimeter	1	Orbital Incubator with Shaker	1
Temperature controlled Water bath	1	Anaerobic Jar with Accessories	1
Tissue Culture Rack	1	Distillation Unit	1
Microwave Oven	1	Digital Colony Counter	1
Binocular Microscope	1		

J
Jeya Simga V Assistant Professor & Head

Dr.V.Jeya Simga, Assistant Professor and Head, **Department of Biotechnology** presents the content in the Advisory Committee Meeting held on **23.11.2020**.

Interdisciplinary/interdepartmental projects to be executed by the students

No	Title of the project	Interdepartmental/ Interdisciplinary	Name of the student(s)	Name of the supervisor	No. of Beneficiaries
	Survey on psychiatry	Interdisciplinary (in collaboration with English dept)	BSc Biochemistry & B. A English Students- Group project	Dr. P. Annapoorani Dr.S.Githana	100
	Analysis of water from ponds in and around Virudhunagar for various pollution parameters	Interdepartmental (in collaboration with Biotechnology dept)	BSc Biochemistry & Biotechnology Students- Group project	Dr. R. Mallika Dr.B.Karanai Selvi	300
	Isolation of Streptomycin resistant mutants of E. coli	Interdepartmental (in collaboration with Microbiology dept)	BSc Biochemistry & Microbiology Students- Group project	Dr. R. Renuka Mrs.J.Jeya	200
	Biochemical Analysis of urine sample.	Interdisciplinary (in collaboration with Chemistry dept)	BSc Biochemistry & Chemistry Students- Group project.	Mrs. M.Rajakumari Dr.M.Amutha Dr.P.Annapoorani	500

A
Annapoorani P Associate Professor & Head

Video player

Dr.P.Annapoorani, Associate Professor and Head, **Department of Biochemistry** presents the content in the Advisory Committee Meeting held on **23.11.2020**.