

**V.H.N. SENTHIKUMARA NADAR COLLEGE (AUTONOMOUS)  
VIRUDHUNAGAR**

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**DBT – Star college Strengthening UG Science component Scheme**

**Minutes of the Advisory committee meeting held on 26-05-2022**

Date: 26-05-2022


Time: 3.00 to 5.00 PM

The Advisory Committee Meeting of DBT-Star College Scheme of V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar, Tamilnadu was held on 26<sup>th</sup> May, 2022 at 3.00 PM by Online mode through Google Meet platform. The Chairman, DBT representative, Coordinator, External Experts, Head of the departments and all the faculty members of the participating departments namely, Physics, Chemistry, Mathematics, Botany, Zoology, Computer Science and Microbiology were present virtually in the meeting.

**Members present in the meeting:**

1. **Dr. P. Sundara Pandian** - Chairman  
Principal
2. **Dr. Garima Gupta** - DBT Representative  
Programme Officer, DBT-Star College Scheme  
Scientist-F, Department of Biotechnology  
Ministry of Science and Technology, New Delhi
3. **Dr. K.Sankaranarayanan** - External Member  
Professor, Alagappa University, Karaikudi
4. **Dr. S. Venkatesan** - External Member  
Professor, Periyar University, Salem
5. **Dr. N. Prithivikumar** - Institute Coordinator  
Head & Associate Professor of Physics
6. **Dr. C.Karunakaran** - Member  
Head & Associate Professor of Chemistry
7. **Mr. R. Mohan** - Member  
Head & Associate Professor of Mathematics
8. **Dr. K.Nagarajan** - Member  
Head & Associate Professor of Zoology

  
**Dr. N. PRITHIVIKUMARAN**  
Head & Associate Professor  
Department of Physics  
VHNSN College (Autonomous)  
Virudhunagar - 626 001.

  
Captain Dr. P. SUNDARA PANDIAN  
PRINCIPAL  
VIRUDHUNAGAR HINDU NADARS'  
SENTHIKUMARA NADAR COLLEGE  
(AUTONOMOUS)  
VIRUDHUNAGAR

9. **Mrs. B. Salocia Fernando** - Member  
Head & Associate Professor of Botany
10. **Dr. T. Kathiravavala kumar** - Member  
Head & Associate Professor of Computer Science
11. **Dr. A. Balasubramanian** - Member  
Head & Associate Professor of Microbiology

The meeting started with the Welcome address by the Chairman of the Advisory committee Dr. P. Sundara Pandian, Principal who presided over the meeting. A consolidated report of activities was presented by the Institute Coordinator of the DBT-Star college scheme Dr. N. Prithivikumaran, followed by Report of the activities by their departments by the Head of the participating departments.

### **Department of Physics**

Dr. N. Prithivikumaran, Head, Department of Physics narrated about the activities carried under the scheme during the academic years 2020-2021 and 2021-2022. He also told about the new experiments added and Project works carried out by the Final year BSc Physics students under the Star college fund. He explained about the use of the LCD Projectors with computer systems in 3 classrooms in teaching the contents with more efficiency and the visit of school & other college students to learn about the working of Renewable energy gadgets purchased under the Star college scheme.


### **Department of Chemistry**

The Head of the department of Chemistry, Dr. C. Karunakaran highlighted the new experiments included in the syllabus and the instruments purchased under the Star college scheme in order to perform those experiments. He informed that students are now able to do experiments individually in the Inorganic practicals. He also listed the Project works carried out and places of scientific interest visited by the BSc Chemistry students as Filed trips. The list of books purchased was also listed by him.

### **Department of Microbiology**

Dr.A. Balasubramanian, Head, Department of Microbiology presented their department's activities under the Star college scheme. He mentioned about the new experiments included in the curriculum and the respective instruments & consumables purchased under Star college scheme to carry out those experiments in the practical sessions. He narrated that the students of III BSc has completed Group Project regard to

  
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Head & Associate Professor  
Department of Physics  
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biodegradation of dye used in textile and leather industries. He also listed the seminars and workshops arranged under the Star college scheme. The visit by the Final year UG students to Pasteur Institute, Coonoor was highlighted by him. Under the Star college scheme an Anaemia detection camp for girl students of all departments was organized, he told.

#### **Department of Botany**


The Head of the department of Botany Mrs. B. Salocia Fernando told that New theory course on *Herbal Technology* and practical experiments related to that were introduced in the curriculum. Hands on training programmes on *Spirulina Cultivation, Baking and Confectionery, Herbal Products Preparation and Palm Craft* were organized under the Star college scheme for the students to have experiential learning. She highlighted that Educational Trips to National Institute of Siddha, Chennai & CAS in Botany and to TBGRI, Palode were also organized under the Star college scheme. Mrs. Fernando concluded that as an impact of the Star College Scheme students carried out projects on the pharmacognostical study of selected medicinal plants.


#### **Department of Zoology**

Dr. K. Nagarajan, Head, Department of Zoology listed the new experiments included in the syllabus for I year, II year and III year students of UG Zoology programme. He also presented the table of instruments purchased under Star college scheme to carry out those experiments in the laboratory. He listed out the four different Hands on training programmes organized for the students under the Star college scheme. The students were taken to field trips to Central Marine Fisheries Research Institute, Mandapam, Rameswaram & Sagarika Marine Aquarium, CMFRI, Vizhinjam, Trivandrum and also to Sericulture Industrial unit at Nannagaram, Tenkasi, he narrated. Two of the Faculties attended the Hands on Training on *Fish Culture Techniques*.

#### **Department of Mathematics**

The Head of the department of Mathematics Mr.R.Mohan mentioned about the Computer systems and Printer purchased under the Non-recurring grant of the Star college scheme. He highlighted that the computers and the printer purchased under this scheme are being used well by the students of the department for doing Project work, Applying and preparing for competitive examinations, for accessing resources for making mathematical models and for submitting E-Resource Learning Assignments. Students undertook interdisciplinary projects with the help of the funds provided under the Star college scheme.

  
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Head & Associate Professor  
Department of Physics  
VHNSN College (Autonomous)  
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He highlighted that the impact of implementation of Star college scheme in the department of Mathematics are increase in the number of Guest Lectures offered, Field Trip availability to the students, Interdisciplinary Projects by students and Upgrading of the Mathematics Model Lab.

### **Department of Computer Science**

Dr.T.Kathirvalavakumar, Head, Department of Computer science informed about the equipment purchased under the Star college scheme. As an impact of the implementation of Star college scheme he told that Purchase of Hi-end computers lead to do projects by students in the research area of Artificial intelligence using the Python software and practical experiments by the software Angular JS and Node JS. He narrated that the new practical experiments under courses Angular JS, Python programming and Node JS programming were introduced. He highlighted that the students undertook projects on latest topics and got benefitted.

### **Dr. K. Sankaranarayanan, External Expert**

The External expert Dr.K.Sankaranarayanan, Professor, Alagappa University, Karaikudi appreciated the efforts made by all the faculty members for the successful implementation of the scheme. He also gave suggestions for improvement.

### **Observations and Comments of Dr. Garima Gupta**

Dr. Garima Gupta, Programme Officer, DBT-Star College Scheme observed the presentation and asked clarifications when and whence required. She stressed to have more extension activities for school students to motivate to take up science as their filed of higher studies. She also asked to demonstrate science experiments to school students and also to make them to visit the laboratories in the college which will impart more practical knowledge in them. Dr. Garima also asked to bring eminent subject experts to the campus to give lectures to the students.


The meeting ended with the vote of thanks by the Institute coordinator of the Star college scheme Dr.N.Prithivikumar

  
**Coordinator**  
Dr. N. PRITHIVIKUMARAN  
Head & Associate Professor  
Department of Physics  
VHNSN College (Autonomous)  
Virudhunagar - 626 001.

  
**Principal**  
Captain Dr. P. SUNDARA PANDIAN  
PRINCIPAL  
VIRUDHUNAGAR HINDU NADARS'  
SENTHIKUMARA NADAR COLLEGE  
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VIRUDHUNAGAR

Dr. J. Pandurangan Assistant Professor is presenting

**V.H.N.Senthikumara Nadar College (Autonomous)**  
Virudhunagar, Tamil Nadu




**DBT - Star College Strengthening UG Science Component Scheme**

**Advisory Committee Meeting**  
26 - 05 - 2022

3:16 PM | DBT STAR COLLEGE ADVISORY COMMITTEE MEET...

Dr. J. Pandurangan Assistant Professor is presenting


**Welcome Note**



**Captain Dr. P. SUNDARA PANDIAN**  
Principal  
V.H.N.Senthikumara Nadar College (Autonomous)  
Virudhunagar

3:18 PM | DBT STAR COLLEGE ADVISORY COMMITTEE MEET...

Dr. J. Pandurangan Assistant Professor is presenting



**Virudhunagar Hindu Nadars' Senthikumara Nadar College (Autonomous)**  
Virudhunagar - 626 001, Tamil Nadu

**DBT - Star College Scheme for Strengthening of UG Science Component**


**Advisory Committee Meeting**

**DEPARTMENT OF PHYSICS**

26<sup>th</sup> May, 2022

DBT STAR COLLEGE ADVISORY COMMITTEE MEET...

Dr. J. Pandurangan Assistant Professor is presenting




3:18 PM | DBT STAR COLLEGE ADVISORY COMMITTEE MEET...

Dr. J. Pandurangan Assistant Professor is presenting

**VIRUDHUNAGAR HINDU NADARS' SETHIKUMARA NADAR COLLEGE**  
*(An Autonomous Institute, Affiliated to Madurai Kamaraj University, Accredited with 'A' Grade by MAAC)*  
Virudhunagar - 626 001

**DEPARTMENT OF CHEMISTRY**



Dr. S. KARUTHAPANDIAN Professor has raised a hand

3:20 PM | DBT STAR COLLEGE ADVISORY COMMITTEE MEET...

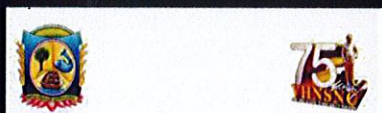
Dr. J. Pandurangan Assistant Professor is presenting



**Dr. C. Karunakaran Associ...**

3:20 PM | DBT STAR COLLEGE ADVISORY COMMITTEE MEET...

Dr. J. Pandurangan Assistant Professor is presenting



**RESEARCH DEPARTMENT OF BOTANY**  
**V H N SETHIKUMARA NADAR COLLEGE (AUTONOMOUS)**  
VIRUDHUNAGAR

Dr. S. KARUTHAPANDIAN Professor and Ms.M Bhoominathan Assistant Professor have raised hands

3:22 PM | DBT STAR COLLEGE ADVISORY COMMITTEE MEET...

Dr. J. Pandurangan Assistant Professor is presenting



**Mrs. B. Salocia Fernando ...**

3:22 PM | DBT STAR COLLEGE ADVISORY COMMITTEE MEET...

Dr. J. Pandurangan Assistant Professor is presenting

**V.H.N. Senthikumara Nadar College  
(Autonomous)**

**DEPARTMENT OF ZOOLOGY**

**DBT - STAR COLLEGE  
UG STRENGTHENING COMPONENT**

Dr. S. K. Subramanian

Dr. K. Nagarajan

17 others

DBT STAR COLLEGE ADVISORY COMMITTEE MEETL...

Dr. J. Pandurangan Assistant Professor is presenting

**Dr. K. Nagarajan HOD of Z...**

Dr. S. K. Subramanian

Dr. K. Nagarajan

17 others

DBT STAR COLLEGE ADVISORY COMMITTEE MEETL...

Dr. J. Pandurangan Assistant Professor is presenting

**V. H. N. SENTHIKUMARA NADAR  
COLLEGE (AUTONOMOUS)  
VIRUDHUNAGAR**

**DEPARTMENT OF COMPUTER SCIENCE**

Dr. K. Prithvikumar Head...

Dr. T. Kathirvalavakumar

17 others

DBT STAR COLLEGE ADVISORY COMMITTEE MEETL...

Dr. J. Pandurangan Assistant Professor is presenting

**Dr. T. Kathirvalavakumar H...**

Dr. S. K. Subramanian

Dr. T. Kathirvalavakumar

17 others

DBT STAR COLLEGE ADVISORY COMMITTEE MEETL...

Dr. J. Pandurangan Assistant Professor is presenting

**V.H.N.SENTHIKUMARA NADAR COLLEGE  
(Autonomous)**

**PG & Research Department of Microbiology**

**Star College U.G Component strengthening scheme  
Advisory Committee Meeting - 2022**

Dr. S. K. Subramanian

Dr. A. Balasubramanian Ho...

17 others

Dr. S. K. Subramanian Professor has raised a hand

DBT STAR COLLEGE ADVISORY COMMITTEE MEETL...

Dr. J. Pandurangan Assistant Professor is presenting

**V.H.N Senthikumara Nadar College  
(Autonomous)  
Virudhunagar**

**Accredited with 'A' Grade by NAAC**

**Department of Mathematics**

Dr. S. K. Subramanian

Dr. K. Prithvikumar Head...

17 others

DBT STAR COLLEGE ADVISORY COMMITTEE MEETL...

Dr. J. Pandurangan Assistant Professor is presenting

**Garima Gupta**

Principal V.H.N.C. COLLEGE

Dr. S. K. Subramanian

17 others

DBT STAR COLLEGE ADVISORY COMMITTEE MEETL...

Dr. J. Pandurangan Assistant Professor is presenting

**Thank you**

Principal V.H.N.C. COLLEGE

Dr. K. Prithvikumar Head...

17 others

DBT STAR COLLEGE ADVISORY COMMITTEE MEETL...