



# NEHRU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

(Affiliated to Bharathiar University Accredited with "A+" Grade by NAAC,  
ISO 9001:2015 (QMS) Certified, Recognized by UGC with 2(f) & 12(B),  
Under Star College Scheme by DBT, Govt. of India)

Nehru Gardens, Thirumalayampalayam, Coimbatore - 641 105, Tamil Nadu, India.  
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Dr. D. Vimal Kumar M. C. A., M. Phil., Ph. D.  
Associate Professor, Department of Computer Science

Coimbatore  
30.06.2023

## Ph. D. PUBLIC VIVA-VOCE EXAMINATION

Dear Sir/Madam,

Ref. No. COE/CRE/Ph.D./Viva-Voce/2023/5006 dated 26/06/2023.

I am pleased to inform you that as per the regulations of Bharathiar University, Coimbatore the Ph.D. Viva-Voce Examination of Ms. Sumathi K, Part Time Research Scholar in Computer Science, Nehru Arts and Science College (Autonomous), Coimbatore will be held for the award of Ph. D. Degree of Bharathiar University for her thesis as detailed below

**Name of the Candidate** : Ms. Sumathi K

**Title of the thesis** : "Design and Development of Sustainable Bio-Inspired Routing Protocols for Minimizing Energy Consumption in Mobile Ad-hoc Networks"

**External Examiner** : Dr. S. Kamalakkannan  
Associate Professor  
Dept. of Computer of Information Technology  
Vels Institute of Science Technology and Advanced Studies  
Chennai - 600 117.

**Day, Date and Time** : Monday, 10<sup>th</sup> July 2023 at 10:30am.

**Venue** : Seminar Hall

**Research Supervisor** : Dr. D. Vimal Kumar  
Associate Professor, Department of Computer Science  
Nehru Arts and Science College  
Coimbatore - 641 105.

The Heads, Members of Faculty, Research Scholars and all other experts are invited to attend the Viva-Voce examination. A copy of the thesis is available in the library for reference.

Date : 30-06-2023

Place : Coimbatore

*D. Vimal Kumar*  
30/06/2023  
HoD

*DR. D. VIMAL KUMAR*

HEAD OF THE DEPARTMENT

Department of Computer Science

Nehru Arts and Science College,

Coimbatore - 641 105.

Copy to:

- The Vice Chancellor, Bharathiar University, Coimbatore.
- The Registrar, Bharathiar University, Coimbatore.
- The Controller of examinations, Bharathiar University, Coimbatore.
- The Professor Centre for Research and Evaluation, Bharathiar University, Coimbatore.
- The Principals & Heads of Affiliated colleges, Bharathiar University, Coimbatore.

*D. Vimal Kumar*  
30/06/2023  
Research Supervisor

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