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## PSG College of Technology

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### CERTIFICATE

This is to certify that all the corrections and suggestions pointed out by the Indian and Foreign Examiners are incorporated in the thesis titled **“STUDIES ON THE PREPARATION AND CHARACTERISATION OF ACTIVATED CARBON FROM ELEPHANT (*elephas maximus*) DUNG AND ITS ADSORPTION OF DYES FROM AQUEOUS SOLUTION”** submitted by **Ms. S. CHANDRA**, Ph.D. Scholar (Reg No. **4081013213**).

Place: Coimbatore

Date : 28. 11. 2013

Dr. C. THEIVARASU

(SUPERVISOR)

Ph.D.	PT
Reg. No.	4081013213

PROCEEDINGS OF THE Ph.D VIVA-VOCE EXAMINATION OF Ms. S.CHANDRA  
HELD AT 11.00 A.M. ON 28/11/2013 IN F-202, PSG COLLEGE OF TECHNOLOGY,  
COIMBATORE-641004

The Ph.D. Viva-Voce Examination of Ms.S.Chandra (Reg. No. 4081013213) on her Ph.D. Thesis Entitled "Studies on the preparation and characterization of activated carbon from elephant (*elephas maximus*) dung and its adsorption of dyes from aqueous solution" was conducted on 28/11/2013 at 11.00 A.M. in F-202, PSG College of Technology, Coimbatore.




The following Members of the Oral Examination Board were present:

1. Dr. Vinod kumar verma, Indian Examiner  
Assistant Professor,  
Department of Chemistry,  
Maharana Institute of Professional Studies,  
Kanpur -India.
2. Dr.K.P.Elango, M.Sc., M.Phil., Ph.D. Subject Expert  
Associate Professor,  
Department of Chemistry,  
The Gandhigram Rural Institute- Deemed University,  
Gandhigram, Dindigul District - 624 302
3. Dr.C.Theivarasu Supervisor & Convener  
Assistant Professor,  
Department of Basic Sciences-Chemistry,  
PSG College of Technology  
Coimbatore 641 004

The research scholar, Ms.S.Chandra (Reg.No. 4081013213) presented the salient features of her Ph.D. work. This was followed by questions from the board members. The questions raised by the Foreign and Indian Examiners were also put to the scholar. The scholar answered the questions to the full satisfaction of the board members.

The corrections suggested by the Indian/Foreign examiner have been carried out and incorporated in the Thesis before the Oral examination.

Based on the scholar's research work, her presentation and also the clarifications and answers by the scholar to the questions, the board recommends that Ms.S.Chandra be awarded Ph.D. degree in the Faculty of Science and humanities.

1.  Indian Examiner
  2.  Subject Expert
  3.  Supervisor & Convener
- 28/11/13  
Dr. C. THEIVARASU, M.Phil.Ph.D.  
Assistant Professor (Sr.Gr.),  
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Coimbatore 641 014

**ANNA UNIVERSITY  
CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certified that this Thesis titled “**STUDIES ON THE PREPARATION AND CHARACTERISATION OF ACTIVATED CARBON FROM ELEPHANT (*elephas maximus*) DUNG AND ITS ADSORPTION OF DYES FROM AQUEOUS SOLUTION**” is the bonafide work of **Ms. S. CHANDRA**, who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion of this or any other candidate.



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**Place :** Coimbatore

**Date :** 28.11.2013