

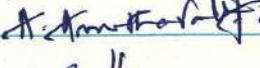
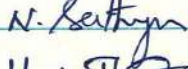
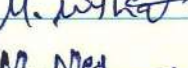


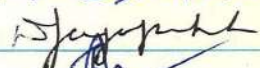
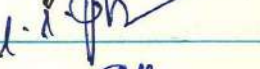



The 11<sup>th</sup> meeting of the Board of Studies in Chemistry (PG) under autonomous scheme was conducted on 01.03.2014 (Saturday) at 10:30 am in the department.

Members present :

Ms. S. Jane Kirubavathy	Chairman	
Ms. K. Kalpana Devi	Member	
Ms. A. Amuthavalli	Member	
Dr. N. Sathya	Member	
Ms. M. Narmatha	Member	
Ms. M. Menaga	Member	

Dr. S. P. Rajendran	Member	
Dr. S. Jayaprakash	Member	
Mr. S. S. Ilango	Member	
Ms. Sreeshitha	Student representative	

Members of leave of absence :

Dr. A. Sreekanth	Member
Mr. K. Kumar	Representative from Industry.

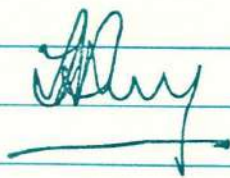
The chairman welcomed the gathering, the members of board of studies in Chemistry PG. The chairman requested the members to take up the agenda for discussion.

Modifications made in the syllabus are

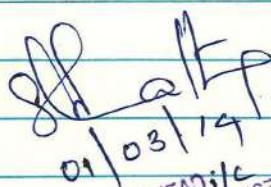
- 1) In C.P.1. Organic Chemistry-I unit I, II, III are re-arranged with important topics and unit -IV selected Name reactions has been put separately for clarity and better understanding.
- 2) In unit -III, pyrolytic elimination has been introduced.
- 3) In C.P-2 - Inorganic -I, unit I, II has been re-arranged for better understanding, VSEPR Theory has been included in unit -II essential for CSIR-UUC exam.

- 4) Nuclear chemistry important topics condensed in one unit
- 5) In unit - V uses of actinides has been added.
- 6) In C.P-3, Org. che II, unit - II Zimmerman rearrangement has been added. & in unit III - 1,3 dipolar addition, unit - I, Asymmetric synthesis has been added.
- 7) unit - IV about the retrosynthetic analysis has been added newly.
- 8) In C.P-4, Physical chemistry - I, <sup>unit - I</sup> Some of the sentences has been re-constructed.
- 9) In C.P-5 Inorganic chemistry - II, unit - V characterisation of Inorganic compounds has been introduced newly.
- 10) In C.P.-6 - Physical chemistry - II, unit I & II, some of the sentences has been re-constructed, heat capacity of solids - removed as it is repeated - In unit - IV electrophoresis and electroosmosis, dynamics of e<sup>-</sup> transfer has been removed as it is not relevant to that unit.
- 11) In C.P. 7 Spectroscopy, unit - I H-bonding has been included, unit - III, o-elimination & double hydrogen rearrangement included
- 12) C.P. 8 - Organic chemistry - III, Molecular rearrangements in one unit, new reagents (Oxidn & Redn) has been added, like  $\text{BH}_3/\text{THF}$ , & BBN.
- 13) In unit - IV, vitamin C & D included.
- 14) In unit - V, indole, quinoline, Isoquinoline - removed and newer reagents in organic synthesis has been added.
- 15) In C.P. IV, unit - V has been re-constructed.
- 16) In C.P-10, Physical chemistry - III, unit I, Irreversible Thermodynamics has been removed In unit - V, chemiluminescence has been added.
- 17) In ALC, chemistry of corrosion & its prevention all the units has been re-constructed according to the text book Raj Narayan.

- 18) A new ALC paper - Food chemistry has been introduced.
- 19) In major elective paper, physical methods in chemistry, unit - V, molecular fluorescence and phosphorescence removed
- 20) A new major elective paper Green and Nano chemistry has been introduced.  
 unit I & II Green chemistry  
 unit - III Supramolecular chemistry  
 unit - IV & V Nano
- 21) In NME, Environmental, (changed as NME) unit V, unit of measurement, low level & high level nuclear waste - included.
- 22) ALC - chemistry of industrial products brought as NME - Industrial products.
- 23) Text books & Reference books has been included recently with new authors.
- 24) Feed back collected from all stakeholders have been analysed and discussed.



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01/03/19  
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(S. JONE KIRUBARATHY)  
 CHAIRMAN