

Department of the Chemistry

(1)

# Minutes of the Meeting (Board of Studies)

conducted on 23/12/16 at 12:00 pm.  
Objective: To review and finalize the proposed syllabus for 2017-18.

- Agenda:
- 1) To finalize the syllabus of Engineering chemistry, Applied chemistry, Applied / Engg. chemistry lab and Environmental Studies.
  - 2) To review the proposed syllabus for the academic year 2017-18.
  - 3) To incorporate the important topics in proposed syllabus for the benefit of the students.

Points discussed:

- \* An overview of importance of Chem & E.S. subjects was given.
- \* BOS members of Chem. has expressed views on credit system. Each lecture = 1 credit.  
Each credit = 1
- \* Tutorials are not required for E.S.
- \* Lesson plan was discussed.  
Total hrs = 60. each hr = 50 mins.  
per week = 3 periods + 1 tutorial.
- \* Common syllabus is preferable.
- \* In applied chemistry, Electrochemistry & corrosion must be separated.

\* Exam pattern.

30 m (Internal) + 70 m (External)

Part A - 22 m. Part B - 48 m.

Internal choice for 5 units.

\* Mid-T exam must be conducted after 8 weeks.

\*) Trail experiment should be removed.  
\*) Lecture on <sup>liquid crystals</sup> Engg. chem. is not present in the syllabus.

\*) The below lectures must be modified.

→ Batteries (fuel cell should be added).

→ Polymers (syllabus should be minimised).

→ Individual polymers must be minimised,

BONA-N, S and polycarbonate & also to be minimised.

→ all kinds of energy and fuel technology must be ~~included~~ removed.

→ Experiment no. must be removed. It should be differentiated from S.No.

→ Experiment 2 & 3 should be removed.

→ Flash & Fire point, viscosity index (LUBIS), potentiometric (Redox titrations), added in Iron (colorometry) are to be removed in the syllabus.

→ Conductometric of S.A Vs S.B. must be removed.

\*) In the Introduction part, (i) Errors measurement (ii) Safety (iii) Intro to Lab, (iii) glassware, labware, apparatus must be added.

\*) In lab experiments, Bakelite, Nylon 6,6 must be added.

\*) Estimation of Zinc by EDTA must be removed.

\*) (ii) Copper Vs dichromate (Iodometric titrations should be removed) and Copper EDTA (must be retained).



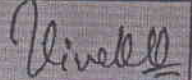
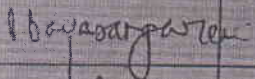
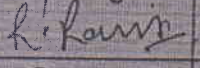
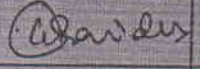




- (iii) Bio-diesel preparation should be added. (3)
- (iv) Construction of galvanic cell must be added.
- \* Foreign authors must be included in the prescribed book list.

Outcome: 1) the proposed syllabus was thoroughly discussed.  
 2) Important topics are incorporated in the proposed syllabus.  
 3) Proposed syllabus was reviewed and finalized.

- 1. Dr. K. Krishna Kumar      K. Krishna Kumar
- 2. K. Canna Daidu      K. Canna Daidu
- 3. DR. N. ANNAPURNA      N. Annapurna
- 4. Dr. J. V. Partha Sarathi      J. V. Partha Sarathi
- 5. DR. R. Ram Bess      R. Ram Bess
- 6. Dr. T. Satya Kumar      Satya Kumar
- 7. Dr. B. Srikanth      B. Srikanth 23/11/16
- 8. Mr. P. Jaya Range Rao      P. Jaya Range Rao
- 9. Mr. K. Siva Prasad      K. Siva Prasad

K. Madhusudhana Rao  
 Dr. K. MADHUSUDHANA RAO  
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[Signature]  
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No.	Name of the person	Designation	Category	Status of the person	Signature
1.	Dr. T.V.S.P.V. Satya Guru	Associate Professor	Education	Chairman (HOD)	
2.	Dr. B. Srikanth	Associate Professor	Education	Member -Faculty	
3.	Dr.K.Viveknanda	Associate Professor	Education	Member -Faculty	
4.	Mr. P. Jaya Ranga Rao	Assistant Professor	Education	Member -Faculty	
5.	Dr. R. Rambabu	Professor & HOD	Education	Member -Faculty (outside the College nominated by the Academic Council)	
6.	Dr. Gouru Naidu	Professor & HOD	Education		
7.	Dr. T.V.N. Partha Saradhi	Professor	Education		
8.	Dr. N. Annapurna	Assistant Professor	Education		
9.	Dr. K. Krishna Kumar	Assistant Professor	Education		
10.	Dr. S. Satyaveni	Assistant Professor	Education	Member -Faculty (Selected by the Vice Chancellor from the names proposed by the Principal)	
11.	Mr. K. Rajeswara Rao	Member	Industry (Towards Placements)	Representative from industry/corporate sector/allied areas relating to placements	
12.	Mr. Suvarna Sunil	Member -Alumni	----	Meritorious student to be nominated by the Principal (co-optional)	