



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C.Nagar, K.Vellakulam - 625 701, (Near Virudhunagar), Madurai District.

DEPARTMENT OF CHEMISTRY

MINUTES OF THE 1st ONLINE MEETING

BOARD OF STUDIES OF CHEMISTRY

DATE: 7th August, 2020, Friday

Time: 2.30 PM – 6.10 PM

PLATFORM : GOOGLE MEET

Meeting Link: <https://meet.google.com/dyt-prva-gdu>

IN ATTENDANCE:

EXTERNAL EXPERT MEMBERS

S.No	Name of the Expert	Designation and Address	Capacity
1	Dr. A. Bhaskaran	Professor and Head, Department of Applied Physics, Head - Campus Safety and Security, Sri Venkateswara College of Engineer- ing, Sriperumbudur - 602117	Overall Coordina- tor of First year Board
2	Dr. G. Devasagayam,	Professor & Head Department of Applied Chemistry Sri Venkateswara College of Engineer- ing, Pennalur, SriPerumbudur	Anna University Nominee
3	Dr. R. Karvembu	Professor Department of Chemistry National Institute of Technology Trichy-620 015	Academic Council nominated BoS Members
4	Dr. S. Murugesan	Professor and Head Department of Inorganic chemistry School of Chemistry Madurai Kamaraj University, Madurai	



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C.Nagar, K.Vellakulam - 625 701, (Near Virudhunagar), Madurai District.

DEPARTMENT OF CHEMISTRY

INTERNAL EXPERT MEMBERS

S.No	Name of the Faculty	Designation
1	Dr. T. Dhanalakshmi	HoD-CHEMISTRY
2	Dr. S. Luna Eunice	Assistant Professor / CHEMISTRY
3	Dr. J. Dhanalakshmi	Assistant Professor / CHEMISTRY
4	Dr. S. Shamim Rishwana	Assistant Professor / CHEMISTRY
5	Mr. A. R. Sivakumar	Assistant Professor / CHEMISTRY
6	Mr. N. Sivakumar	Assistant Professor / CHEMISTRY

MINUTES OF THE MEETING:

The First Board of Studies of the First year was conducted on 7.08.2020 through online mode at 2.30 PM – 6.00 PM. Dr. K. Geetha, First Year Coordinator, welcomed all the expert members and presented the overview of the institution, programmes offered in the institution and student profile. Dr. K. Geetha also presented the proposed R2020 - First year curriculum framework for all first year Undergraduate (UG) programmes.

DISCUSSIONS:

1. Dr. T. Dhanalakshmi, HoD/Chemistry, introduced the Board of Studies members to the faculty.
2. Dr. T. Dhanalakshmi presented the list of courses to be offered by the Chemistry department in the Semesters I and II. The syllabus for the courses was presented to the Board of Studies for further discussions.
3. The syllabus for CY101 – Engineering Chemistry was presented and the members suggested that based on UGC recommendations, one hour period should be considered for one credit.
 - a) Prof. S. Murugesan suggested that in Unit II, the terminology “applications of electrochemistry” should be changed.
 - b) Prof. R. Karvembu suggested that discussion on Concentration Cells should be in-



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C.Nagar, K.Vellakulam - 625 701, (Near Virudhunagar), Madurai District.

DEPARTMENT OF CHEMISTRY

cluded since it will be interesting for the students.

- c) In Unit IV, Prof. R. Karvembu suggested that the mechanism of Coordination polymerisation, Ziegler Natta polymerization may be included.
 - d) The members suggested that the title of Unit V may be changed as Engineering Materials and Prof. S. Murugesan expressed that the sol- gel and hydrothermal methods are not physical methods for synthesis of nanomaterials and the syllabus should be changed accordingly with the physical methods.
4. The syllabus for GE102 – Basic Sciences Laboratory was presented and the board accepted the content. It was suggested that the experiment for the calculation of molecular weight of polymer by Oswald viscometer should be removed because now digital viscometers are available. It will be of no use to the students.
 5. The syllabus for GE157 – Environmental science and Engineering for the second semester was presented.
 - a) Prof. S. Murugesan suggested that all the units should be given equal hours since equal weightage will be given in the end semester examinations. He suggested to remove some topics from Unit I and redistribute.
 - b) Prof. G. Devasagayam clarified that in Anna University also, the Units have different lecture hours and hence syllabus was accepted.
 6. The syllabus for CY151 – Physical and Organic chemistry was presented.
 - a) Prof. S. Murugesan suggested that the order of the Units should be changed. All the members also agreed with him and they suggested that the order of the units should be Unit I- Structure & Reactivity of Organic Compounds, Unit II – Reaction Mechanisms, Unit III – Heterocyclic compounds in Polymer Technology, Unit IV – Phase Rule and Unit V – Corrosion Science
 - b) Prof. S. Murugesan suggested to change the title of Unit III (heterocyclic compounds in polymer technology) because the content is quite irrelevant to the title given.
 - c) Prof. R. Karvembu suggested that in Phase rule unit, the phase diagram for CO₂ system and a comparative study between water system and CO₂ system may be included.
 7. Prof. R. Karvembu also suggested that textbooks of recent editions should be recommended.
 8. All the members suggested that suitable web resources should be given in the syllabus.



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C.Nagar, K.Vellakulam - 625 701, (Near Virudhunagar), Madurai District.

DEPARTMENT OF CHEMISTRY

bus.