



DEPARTMENT OF APPLIED SCIENCE AND TECHNOLOGY  
ALAGAPPA COLLEGE OF TECHNOLOGY  
ANNA UNIVERSITY: CHENNAI-600 025

Dr.S. KALAISELVAM  
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Ltr No: 559 / Minutes of DCC Meeting /DAST/2018-19

Date: 20/12/2018


To  
The Director,  
Centre for Academic Courses,  
Anna University,  
Chennai – 600025.

Sub: AU – Academic Courses – Minutes of DCC Meeting – Reg

Ref: Letter No.2461/CAC/DCC/2018 Dated: 25.09.2018

With reference to the above, the Departmental Consultative Committee of Department of Applied Science and Technology was conducted on 12.11.2018 at 3 P.M at the conference hall, AC Tech Campus, Anna University Chennai and the minutes of the meeting is attached.

*Agreed  
20/12/18*

  
HEAD OF THE DEPARTMENT  
Professor  
Department of Applied Science and Technology  
Anna University, Chennai - 600 025.

Copy to  
1.The Registrar, Anna University Chennai-25  
2.File

**Department of Applied Science and Technology  
Anna University, Chennai – 25**

**Department Consultative Committee Meeting**

**2.30 pm, on 12<sup>th</sup> November 2018**

**MINUTES OF THE MEETING**

**Attendees**

1. Dr. S. Kalaiselvam, HOD, Convener, DAST, Anna University, Chennai
2. Dr. N. Selvakumar, (The Chairperson), Faculty of Technology, ACT Campus.
3. Dr. Kurian Joseph, (Nominated by Chairperson of the Faculty), Professor, Centre for Environmental Studies.
4. Dr. G. Kalpana, (Nominated by Director, Centre for Academic Courses), Associate Professor, Department of Physics.
5. Dr. S. Sivanesan, Professor, DAST.
6. Dr. T. Sivakumar, Associate Professor, DAST.
7. Dr. J. Jayapriya, Associate Professor, DAST.
8. Dr. V. Charles Augustin, Assistant Professor, DAST.

**1. Thank**

HOD, thank the Vice-Chancellor, University official, DCC members and the Faculties of Department, for the constant support for the development of the Department.

**2. Part I matters - Department Overview**

**Development and the past Activities**

1. As per the <sup>content</sup> ~~concerned~~ given in the previous DCC, PG course on M.Tech Industrial Safety and Hazards Management, and the UG course on B.Tech Petroleum Engineering and Technology, has been successfully inducted in the Department in the year 2013, and the first batch commencement on July / August 2013

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2. The M.Tech Industrial Safety and Hazards Management course has been approved by the Director of Industrial Safety and Health, and the Labor and Employment Department, Government of Tamilnadu, (G.O. (MS) No. 27 dt. 03.02.15 ) that the graduand can be directly appointment as Safety Officers in Factories.
3. The department is taking care of the first year basic science laboratory for all the branches of AC Tech Campus, which includes the Basic Chemistry and the Physics laboratory.
4. The Student chapter of Indian Society of Safety Engineers Association (SEA), has been inaugurated on May 2014.
5. The Student chapter of American Society of Safety Engineers (Asse), has been inaugurated on 12<sup>th</sup> September 2014.
6. National Conference on Safety Environment and Industrial Applied Science and Technology was held on the February 2015.
7. Two days Global Learning Conference on Mobile Computing was held on February 2017
8. Department of Science and Technology (DST), Government of India, recognized the Department of Applied Science and Technology, Anna University for the **DST FIST programme**, and sanction the amount of Rs.103.00 Lakhs (Rupees One hundred and three lakh), for the period from 10<sup>th</sup> August 2018 to 9<sup>th</sup> August 2023.
9. The Department is very active in research, the **H Index of the Department is 49 and the citation is around 9559**
10. For the past 5 years,
  - a. Department has been completed / ongoing project is around 17 to the tune of 508 lakhs, from various funding agencies like DST, UGC, BRNS, DRDO, DBT, CPRI, CSIR etc.
  - b. Phd Student completed 27
  - c. Post-doctoral research fellow 2 (1- completed, student from Togo, Under Raman fellowship, 1 ongoing (women scientist – 1))

*Handwritten signature and date:*  
22/6/18

### 3. Part II matters

#### B. Tech First year basic science laboratory

The department is taking care of the first year basic science laboratory for all the branches of AC Tech Campus, which includes the Basic Chemistry and the Physics laboratory. In the year 2015, the intake strength of all the B.Tech programme is increased almost double. The basic science laboratory has been created for the previous intake of 220. After increase in intake, the first year strength is around 580. Hence for the safety concern, it is mandate to extend the facility and increase the laboratory space for the Basic science laboratory.

To renovate the Basic Science Laboratory, it is proposed to obtain Rupees 40 lakhs (estimation under preparation) from the university through the funds available from the Renovation & Establishment of UG laboratories

### 4. Part II matters

#### M. Tech Industrial Safety and Hazards Management

1. To strengthen the PG course, the HOD Proposed the PG Course for the NBA accreditation.
2. For the accreditation, it is mandate the PG Lab has to be well equipped, and to maintain separately.
3. To renovate and establish the safety Laboratory, it is proposed to obtain Rupees 20 lakhs (estimation under preparation) from the university through the funds available from the Renovation & Establishment of UG laboratories
4. To utilize the funds provided by the DST FIST, the required facilities has to be established by obtaining the amount of Rs. 15 lakhs (estimation under preparation) from the university through the funds available from the Renovation & Establishment of UG laboratories.
5. To accelerate the research in the department, it is proposed to apply for the UGC - Special Assistance Programme (SAP) – Departmental Research Support (DRS) – 50 Lakhs

*m*  
*W/1/17*



6. Proposed to conduct International conference on “Energy, Industrial safety and health” in January 2020
7. To establish a conference hall with a seated capacity of 30 for department of Applied Science and Technology,
8. For the benefit of the PG and the research scholar, with their specific specialization, a Department Library will be established

#### 4. Part III matters

##### B.Tech Petroleum Engineering and Technology

1. To self-sustain and to strengthen the UG course, the following UG Lab will be developed in the DAST from the university through the funds available from the Renovation & Establishment of UG laboratories.

Renovation of the laboratories (Cost estimation under preparation)

- a. Organic Chemistry Laboratory – 40 lakhs.
- b. Fuels and Bio energy Laboratory – 15 lakhs.
- c. Petroleum Testing Laboratory - 20 lakhs

Establishment of the new laboratories (Cost estimation under preparation)

- a. Petrochemical Unit Operations Lab – 30 lakhs
- b. Catalytic Reaction Engineering and Instrumentation Laboratory – 35 lakhs
- c. Drilling Fluid & Particle mechanics Lab - 25 lakhs

2. The expertise of the retired senior faculties, will be utilized by the department, by recruit them as Guest faculty *after obtaining approval from the Vice-Chancellor.*

  
Dr. V. Charles Augustin


  
Dr. J. Jayapriya

  
Dr. T. Sivakumar

  
Dr. S. Sivanesan

  
Dr. G. Kalpana

  
Dr. Kurian Joseph

  
Dr. N. Selvakumar

  
Dr. S. Kalaiselvam