

**DEPARTMENT OF CERAMIC TECHNOLOGY
ALAGAPPA COLLEGE OF TECHNOLOGY
ANNA UNIVERSITY, CHENNAI 600 025**

**MINUTES OF THE MEETING OF THE DEPARTMENTAL CONSULTATIVE
COMMITTEE HELD ON 28.03.2017 AT 11.00A.M. IN THE DEPARTMENT OF
CERAMIC TECHNOLOGY.**

The Departmental Consultative Committee Meeting was held on 28.03.2017 at 11.00 a.m. in Room. No.304, Department of Ceramic Technology to discuss the following agenda of the Department:

1. Proposal to establish Centre for Ceramic Technology
2. Testing Charges for Pin on Disc equipment
3. Introduction of Advanced Ceramic Processing lab in B.Tech (Ceramic Technology) Programme.
4. Recruitment of Teaching and Non Teaching Staff for the Department
5. Approval of online courses under the CBCS System
6. Examine the representation given by Shri Orepalli Venkat Krishna Prasad.

The following members were present:

- I. **Head of the Department**
 1. Dr. K. Kalaichelvan, Professor and head, Department of Ceramic Technology - Convener
- II. **Chairman of the Faculty**
 2. Dr. A. Peer Mohamed, Chairman, Faculty of Technology - Member
- III. **Associate Professor**
 3. Dr. S. Manisha Vidyavathy, Department of Ceramic Technology - Member
- IV. **Assistant Professor**
 4. Dr. D. Thenmuhil, Department of Ceramic Technology - Member
- V. **Professor / Associate Professor working in other Department**
 5. Dr. N. Nagendra Gandhi, Department of Chemical Engineering - Member
 6. Dr. P. Gomathi Priya, Department of Chemical Engineering - Member

The convener of DCC warmly welcomed the members of the committee.

Based on the elaborate discussions , the following deliberations were made by the members of the DCC:

1. The committee suggested that the proposal of establishing Centre for Ceramic Technology may be considered after strengthening the Department with sufficient Staff Strength and Sponsored Projects.
2. The Committee resolved and approved the following **testing charges for the Pin on Disc equipment**

Academic	Research Scholars/ Undergraduate/ Postgraduate Students from Anna University	<ul style="list-style-type: none"> • Rs.150/ sample for Dry Condition • Rs.200/ sample for wet condition • Rs.250/ sample for pin heating
Industry/ Research Organization		<ul style="list-style-type: none"> • Rs.400/ sample for Dry Condition • Rs.600/ sample for wet condition • Rs.750/ sample for pin heating

3. The committee resolved to recommend the introduction of "**Advanced Ceramic Processing lab**" as per the syllabus in the **VII Semester** given below as an additional course to the existing R2015 CBCS curriculum. The total credit of the B.Tech Program of Ceramic Technology may be increased to 181.

ADVANCED CERAMIC PROCESSING LAB

L T P C
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[Minimum of 10 Experiments]

1. Powder synthesis by Communiton / High Energy Ball milling
2. Powder preparation by Sol - Gel process
3. Powder preparation by Precipitation process
4. Powder preparation by Spray Drying
5. Forming by Gel Casting
6. Forming by Tape Casting
7. Role of additives in compaction by Pressing

- 8. Porous body making by Foaming
- 9. Porous body making by Intrusion / Replication
- 10. Microwave Sintering
- 11. Hot Pressing
- 12. Spray Pyrolysis - Coating
- 13. Surface Grinding and Roughness estimation

TOTAL : 60 PERIODS

Equipments Required:

1. High Energy Ball Mill	2. Hot Press
3. Spray Pyrolyser	4. Hot Air Oven
5. Uniaxial pressing Machine	6. Hot plate
7. Microwave Furnace	8. Spray Dryer
9. Surface Grinding Machine	10. Magnetic stirrer
11. Surface Roughness Tester Machine	12. Tape casting Equipment

4. The committee resolved to recommend the following **Staff Requirement** for the Department of Ceramic Technology.

Teaching Staff

Professor	- 03	
Associate Professor	- 04	
Assistant Professor	- 09	Total = 16

Non Teaching Staff

Clerical Assistant	- 02	
Technical Assistant	- 05	
Office Assistant	- 02	Total = 09

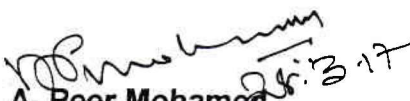
5. The Committee suggested to identify the online courses offered by various Institutions like IIT, IISc etc., and check for the conformity with the University Regulations. Those online courses may be recommended for the students under the CBCS system after getting approval from the DCC and Academic Courses.

6. Shri Örepalli Venkata Krishna Prasad has given a representation to the Government of India to change the name of the M.Tech Ceramic Technology Programme to M.Tech Silica Ceramic Technology and Set up new Laboratories. Based on the instructions of the Registrar of Anna University, this issue was brought to the discussion of the committee. After a detailed discussion, the DCC unanimously resolved the following points:

- Ceramic Technology is a diversified branch which deals with major areas like glass, cement, whiteware, heavy clayware, refractories, abrasives etc., Silica is one of the raw materials used in these applications. Incorporation of the name of a raw material is not satisfying the nomenclature of the Course
- Establishing new laboratories in Ocean Technology, metals..etc is not satisfying to the design of the Curriculum and Syllabus.

His demands of changing name of M.Tech programme of Ceramic Technology and establishment of new laboratories are inappropriate and cannot be accepted. Hence, the committee recommends no change in the M.Tech Programme of Ceramic Technology with curriculum and syllabi.

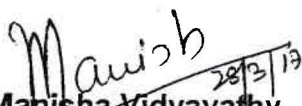
The Convener thanked the members of the DCC Committee for their active participation.


Dr. A. Peer Mohamed
Member


Dr. N. Nagendra Gandhi
Member


Dr. P. Gomathi Priya
Member


Dr. D. Thenmuhil
Member


Dr. S. Manisha Vidyavathy
Member


Dr. K. Kalaichelvan
Convener