

**MINUTES OF THE UG SYLLABUS SUB COMMITTEE MEETING HELD ON
17.08.2015 AT 10.00AM IN THE DEPARTMENT OF CERAMIC TECHNOLOGY,
ACTECH CAMPUS, ANNA UNIVERSITY FOR THE FRAMING OF THE SYLLABUS
FROM III TO VIII SEMESTER UNDER CBCS**

The Syllabus Sub Committee Meeting for UG (B.Tech Ceramic Technology) in connection with the Framing of the Syllabus for the Higher Semester [III to VIII Semester] under CBCS was held on 17.08.2015 at 10.00 am in Room No 315, Department of Ceramic Technology, ACT Campus, Anna University.

The following members were present

1. **Dr.M.Madhusoothanan**, Chairman, Faculty of Technology, ACT Campus
2. **Dr.K Kalaichelvan**, Professor and Head, Department of Ceramic Technology, ACT Campus
3. **Dr P Manohar** Professor, Department of Ceramic Technology, ACT Campus
4. **Dr.S.ManishaVidyavathy**, Associate Professor, Department of Ceramic Technology, ACT Campus
5. **Dr D Thenmuhil**, Assistant Professor, Department of Ceramic Technology, ACT Campus
6. **Mrs.S.Abirami**, Deputy Manager, Carborundum Universal Limited, Chennai
7. **Dr M Balasubramaniam**, Professor, IIT Madras
8. **Dr K Vishista**, Associate Professor, Department of Physics, CEG, Anna University, Chennai
9. **Dr V Viswabaskaran**, Managing Director, VB Ceramic Consultants, Chennai
10. **Mr K Srinivasulu**, Research Scholar, Department of Ceramic Technology, ACT Campus

(1) The Head of the Department welcomed all the Members of the Committee and explained the salient features of CBCS system for B.Tech(Ceramic Technology) program offered in the ACT Campus , Anna University to be implemented during 2015-16

(2) Dr.S.Manisha Vidyavathy (UG Coordinator) explained the proposed curriculum for the Higher Semesters of B.Tech (Ceramic Technology) Programme.

- (3) After elaborate discussion, the committee approved the enclosed CBCS based revised curriculum for B.Tech (Ceramic Technology) offered by the Department of Ceramic Technology, ACT Campus, Anna University
- (4) The Faculty Members handling the Computing Techniques in First Semester felt that studying Computer Techniques Lab in the First Semester and Theory in the Second Semester was in appropriate as they study the theory in the later Semester. Hence, the committee suggests the following revision in the First Two Semesters.

First Semester

Existing	Revised
Foundational English	Foundational English
Mathematics I	Mathematics I
Engineering Physics	Engineering Physics
Engineering Chemistry	Engineering Chemistry
Engineering Graphics	Engineering Graphics
Basic Science Laboratory	Computing Techniques
Engineering Practices Laboratory	Basic Science Laboratory
Computer Practice Laboratory	Computer Practice Laboratory

GA 2

Second Semester

Existing	Revised
Technical English	Technical English
Mathematics II	Mathematics II
Physics of Materials	Physics of Materials
Chemistry for Technologists	Chemistry for Technologists
Computing Techniques	Engineering Mechanics
Basic Mechanical Engineering	Basic Mechanical Engineering
Unix Programming Lab	Engineering Practices Laboratory
Mechanical Engineering Lab	Mechanical Engineering Lab

GA 2

The Committee Members felts that inclusion of Thermodynamics for Ceramics Theory in Third Semester would be relevant and useful for Higher Studies and Competitive Examinations instead of Unix Programming Lab. In this regard, the Unix Programming Lab was removed from the Existing Syllabus.

- (5) The Committee also felt that the Curriculum can be implemented from the Second Semester for the Existing Students admitted during 2015-16. On comparison of the Existing Syllabus and the Newly Framed Syllabus, the students have to do an additional theory course "Computing Techniques" and One laboratory Course "Engineering Practice Lab" can be withdrawn as they would have completed in the First Semester.

First Semester [For Students admitted in the year 2015-16]

Existing	Revised	Remarks
Foundational English	Foundational English	Completed in First Semester
Mathematics I	Mathematics I	Completed in First Semester
Engineering Physics	Engineering Physics	Completed in First Semester
Engineering Chemistry	Engineering Chemistry	Completed in First Semester
Engineering Graphics	Engineering Graphics	Completed in First Semester
Basic Science Laboratory	Basic Science Laboratory	Completed in First Semester
Engineering Practices Laboratory	-	Completed in First Semester
Computer Practice Laboratory	Computer Practice Laboratory	Completed in First Semester
-	Computing Techniques	Have to undergo the Course in the Second Semester as Additional Course


Second Semester [For the Students admitted in the year 2015-16]


Existing	Revised	Remarks
Technical English	Technical English	To be done in the Second Semester
Mathematics II	Mathematics II	To be done in the Second Semester
Physics of Materials	Physics of Materials	To be done in the Second Semester
Chemistry for Technologists	Chemistry for Technologists	To be done in the Second Semester
Computing Techniques		To be done in the Second Semester as an additional Course
Basic Mechanical Engineering	Basic Mechanical Engineering	To be done in the Second Semester
Unix Programming Lab	-	Removed from the Curriculum
Mechanical Engineering Lab	Mechanical Engineering Lab	To be done in the Second Semester
	Engineering Mechanics	To be done in the Second Semester
	Engineering Practices Laboratory	Students have already completed the Course in the First Semester. So this may be exempted

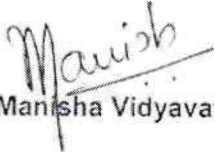
The Students admitted in the year 2015 – 16 have to undergo 7 theory and 1 lab course during the Second Semester according to the Revised Curriculum .

- (6) After elaborate discussions, the Committee recommends the detailed syllabus for the Higher Semesters under the CBCS System.

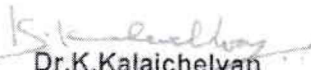
(7) The Head of the Department thanked all the members for their valuable suggestions and guidelines.


Dr.M.Madhusoothanan



Dr.P Manohar

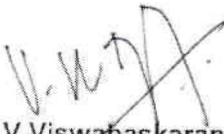

Dr.S.Manisha Vidyavathy



Dr D Thenmuhil

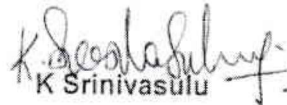

Dr.K.Kalaichelvan


Dr K Vishista


Dr M Balasubramaniam


Dr V Viswabaskaran


Mrs. S Abirami


K Srinivasulu

**Department of Ceramic Technology,
A.C Tech, Anna University, Chennai – 600 025.**

**Minutes of the Departmental Consultative Committee Meeting held on
16/10/2015 at 10.30 am in Hall No. 304, Department of Ceramic Technology,
Alagappa College of Technology, Anna University, Chennai -25**

The Departmental Consultative Committee Meeting was held on 16/10/2015 at 10.30 am in Hall No. 304, Department of Ceramic Technology and the following members were present

1. Dr.M.Madusoothanan, Member
Chairman, Faculty of Technology
2. Dr. P. Manohar Member
Professor,
Department of Ceramic Technology.
3. Dr. S. Manisha Vidyavathy Member
Associate Professor,
Department of Ceramic Technology
4. Dr. D.Thenmuhil Member
Assistant Professor,
Department of Ceramic Technology
5. Dr.N. Nagendra Gandhi Chairman Nominee
Professor,
Department of Chemical Engineering
6. Dr.P. Gomathi Priya University Nominee
Associate Professor,
Department of Chemical Engineering
7. Dr. K. Kalaichelvan Convener
Professor & Head,
Department of Ceramic Technology

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

2. The Curriculum and Syllabus of the B. Tech and M. Tech (Ceramic Technology) programme under CBCS were discussed by the Committee and the Committee approved the both Curriculum and Syllabus of B. Tech (Ceramic Technology) and of M. Tech (Ceramic Technology) with minor revisions as mentioned in the Annexure I.

3. As per the Curriculum prescribed in CBCS for B. Tech (Ceramic Technology) programme for the students admitted during 2015 – 16, the Faculty Members handling Computing Techniques Course in 2nd Semester found difficulty in handling Computer Practice Laboratory as the students would study the theory paper only in the second semester.

Based on the recommendation of the Faculty Members and from Students aspect, the Syllabus Sub Committee recommended the Changes in the Curriculum as in Annexure-II

After a detailed discussion, the DCC Committee recommended and approved the Changes made in the syllabus Sub Committee and requested to implement the changes for the Students admitted in 2015 – 16 in the Second Semester as a special case.

4. The M. Tech Ceramic Technology Eligibility Criteria is revised and approved as mentioned in Annexure – III

5. The Committee approved the Testing Charges fixed for utilization of the Major Equipments available in the Department as mentioned in Annexure IV.

6. The HOD brought to the notice of DCC member about the presentation of proposal made by him in DST-FIST in Bangalore on 14/09/2015. The FIST committee pointed out the shortage of staff members (minimum 5 Permanent staff) to the HOD. The DCC committee requested the HOD to take necessary steps for the appointment of two Asst. Professors due to the retirement of Prof. V. Kamaraj and Promotion of Dr. S. Manisha Vidyavathy from Asst. Professor to Asso. Professor which enables the Department to obtain funding from FIST, SAP etc., programmes.

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


16/10/15
Dr.P.Manohar


Dr.S.Manisha Vidyavathy


Dr.D.Thenmuhil


16/10/15
Dr.N.Nagendra Gandhi


16/10/2015
Dr.P.Gomathi Priya


16/10/15
Dr.K.Kalaichelvan


16/10
The Chairman,
Faculty of Technology,
Anna University, Chennai - 25

ANNEXURE I

The Departmental Consultative Committee prescribed and recommended minor revisions in the titles of the existing courses in the Curriculum of B.Tech Ceramic Technology Programme under CBCS System

Semester	Existing	Revised
III	Material Science	Materials Science for Ceramics
III	Unit Operations	Principles of Unit Operations
IV	Phase Equilibria in Ceramics	Phase Equilibria
VI	Refractories Lab	Refractory Ceramics Lab
Electives	Abrasives	Abrasive Technology
	Bioceramics	Bioceramic Materials
	Ceramic Fibres and Composites	Fibres and Composites
	Mechanical Behaviour of Ceramics	Mechanical Behaviour of Ceramic Materials
	Monolithics and Castables	Monolithic Refractories
	Non Destructive Testing	Non Destructive Testing and Evaluation
	Special Glasses	Functional Glasses


16/10/15
Dr N Nagendra Gandhi


16/10/2015
Dr P Gomathi Priya


16/10/15
Dr P Manohar


Dr D Thenmuhil


16/10/15
Dr S Manisha Vidyavathy


16/10/15
Dr K Kalaichelvan


16/10
Dr M Madhoosothanan


Annexure II

PROPOSED ELIGIBILITY CRITERIA FOR ADMISSION TO PG PROGRAMME FROM 2016-2017

S. No	PG PROGRAMME	EXISTING (as in the TANCET Brochure)		PROPOSED	
1.	M.Tech Ceramic Technology	BE / B. Tech	Ceramic	BE / B. Tech	Ceramic Technology
			Chemical		Ceramic & Cement Technology
			Metallurgy		Chemical Engg.
			Petroleum Engg./ Tech		Material Science & Engg.
			Petrochemicals		Metallurgy & Materials Engg.
			Petroleum Refining & Petrochemicals		Petroleum Engg. and / Tech
			Ceramic & Cement Technology		Petrochemicals Engg. and / Tech
			Chemical and Electrochemical		Petroleum Refining & Petrochemicals Engg
		M. Sc	Material Science	M. Sc	Chemical and Electrochemical Engg.
					Mechanical Engg.
					Manufacturing Engg.
					Production Engg.
					Material Science
					Applied Physics
			Physics		
			Chemistry		
			Applied Chemistry		


16/10/15
Dr. P. Manohar


Dr. S. Manishavidyavathy


Dr. D. Thenmuhil


16/10/15
Dr. N. Nagendra Gandhi


16/10/2015
Dr. P. Gomathi Priya


Dr. K. Kalaichelvan
16/10/15


16/10
Dr. M. Madusoothanan
Chairman, Faculty of Technology
Anna University, Chennai - 25