



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY
Autonomous Institution Under UGC, Accredited by NBA and NAAC-UGC
Chaitanya Bharathi (Post), HYDERABAD – 500075.

Date: 27-06-2016

Minutes of the Fifth Meeting of Academic Council held on 25-06-2016 at 10:30 AM in the Conference Hall, CBIT.

Members Present:

1. Dr. B Chennakesava Rao, Principal & Chairman, Academic Council.
2. Dr. T. Sai Krishna, Head, Department of Biotechnology.
3. Dr. P.V. Naga Prapurna, Head, Department of Chemical Engg.
4. Dr. Y. Rama Devi, Head, Department of CSE.
5. Dr. K. Krishnaveni, Head, Department of Electrical and Electronics Engg.
6. Dr. N. V. Koteswara Rao, Head, Department of Electronics and Comm. Engg., & Dean-CDAAC.
7. Dr. K. Radhika, Head, Department of Information Technology.
8. Dr. P. Ravinder Reddy, Head, Department of Mechanical Engg., & Dean - R&D.
9. Dr. K. Jagannadha Rao, Head, Department of Civil Engg.
10. Dr. K Sagar, Head, Department of MCA.
11. Dr. S Saraswathi, Head, SMS.
12. Dr. M. Ganeshwar Rao, Head, Department of Mathematics and Humanities.
13. Dr. P. Giridhar Reddy, Head, Department of Chemistry.
14. Dr. N. Amrutha Reddy, Head, Department of Physics.
15. Dr. M. V. Krishna Rao, Assoc. Professor, Department of Civil Engg.
16. Smt. M. Kalyani, Asst. Professor, Department of Chemical Engg.
17. Dr. T. Sankarshana, Professor of Chemical Engg. & Controller of Examinations.
18. Dr. N. Venkata Reddy, IIT, Hyderabad.
19. Dr. V. Bhikshma, Professor, Dept. of Civil Engg., OU College of Engineering.
20. Dr. N. Suresh Kumar, Professor, Dept. of Civil Engg., OU College of Engineering.
21. Dr. E. Naagabhushan, Professor, Dept. of Chem. Engg., OU College of Technology.
22. Dr. Y. Krishna Reddy I/c. AEC & Professor, MED.

Leave of Absence:

1. Dr. M V S. Murali Krishna, Professor, Department of Mechanical Engg.
2. Sri Raj Kumar Challappan, CTS, Hyderabad.
3. Sri Ch. Srinagesh, Infosys, Hyderabad.
4. Dr. E. Saibaba Reddy, Professor of Civil Engg & Rector, JNTUH.

Dr. B. Chennakesava Rao, Chairman, Academic Council, welcomed the members of the Academic Council. He has also thanked the services rendered by the faculty members who are nominated by the Vice Chancellor of Osmania University and also welcomed the newly nominated members from Osmania University, for the Academic Council. The Chairman has conducted the proceedings.

Minutes:

ITEM 1: To confirm the minutes of Fourth Academic Council meeting.

The Minutes of Fourth meeting of Academic Council held on 30-05-2015 are confirmed.

ITEM 2: To approve BoS Minutes of respective Engineering / Technology disciplines and the syllabus for 4/4 BE / B. Tech of all branches.

Minutes of the all BoS meetings are approved with the following recommendations:

CIVIL: It is recommended:

1. To include concepts of NPV and IRR and Profitability Index in CE 468 course.
2. Swapping of 2nd Text books and 5th Suggested reading for the Course CE411.
3. For CE452 course, to suggest alternate suggestive readings in place of suggested reading 1 and suggested reading 2.

30/6/16

4. Add more books in CH 453
5. To re-draft / re-arrange CE454 course. Also UNIT – IV is missing
6. ME 414 : To include book by Daniel Loucks- Title to be corrected as OPERATIONS RESEARCH
7. CE 466 : To include one more text book and appropriate suggested readings.
8. ME 472 : To include Text books.
9. CE 403 : To include course outcomes, course objectives, text books.

CSE : It is recommended:

1. Minutes of BoS (Any other items), Mini project to be in BE II semester with effect from the academic year 2016-17.
2. Minutes of BoS 2nd item (iii) is differed and not accepted.
3. CS 411 : To include suggested reading .
4. CS 422 : Do not use the word "Write a program..."
5. The phrase "Detailed Syllabus" has to be removed.
6. Where suggested readings are not included, it is hereby informed to include the same.
7. Elective courses codes are to be followed as per CBIT(A) guidelines.

ECE: It is recommended :

1. In BoS Minutes, the modified syllabus for ME programme (for the subjects listed) to be adopted from the academic year 2016-17.
2. More suggested readings in EC 411.
3. Course title EC465, to correct as "DSP Processors Architectures" (in the I semester Scheme)
4. In the II Semester scheme, to expand EMI/ EMC.

EEE: It is recommended:

1. In the scheme (I Semester), to replace Elective III as Elective II.
2. EE 462, to replace the 2nd suggested reading with the book by author "Kalyanmoy Deb" in the same field.
3. EE 464, to suggest an alternate name for the course title instead of VLSI Design or the course offered in ECE "VLSI Design" may be considered.
4. To introduce Elective IV / Open Elective in II Semester.
5. EE 421 to be shifted to Elective III.
6. To avoid naming "Part-A / Part-B" in laboratory courses.

IT : It is recommended:

1. IT 414 : To suggest an alternate name for the course title "VLSI Design" - (Title re-design for Lab Course too)
2. CE : "Disaster Management", the course title is "Disaster Mitigation and management".
3. MB : Organisational Behaviour is approved.
4. "Disaster Mitigation and Management" and "Organisational Behaviour" are to be included in the Elective IV / Open Elective.
5. IT 416 : VLSI Design Lab – Increase the number of experiments
6. IT 464 : To include Text Books.
7. IT 483 : To include suggested readings.

MECHANICAL: It is recommended:

1. ME 462 : To revise sub-titles of the units.
2. ME 471 : To shift the 3rd book of suggested reading appropriately to Text Books.
3. PE 412 : To append a suggested reading, recommendation by the expert and needs revision of books.

CHEMICAL: It is recommended :

1. Scheme to be prepared as per CBIT(A).
2. CH 412, 415 and 422, the workload is 4(L)only.
3. CE 422, the title to be read as "Disaster Mitigation and Management".
4. CH 411 : To replace Unit-1 as Unit-I, Unit-2 as Unit-II etc.
5. CH 414 : Text books (Year) to be corrected.
6. To offer "Nano Materials and Technology" as Open elective, which is offered by Mechanical Engg. Board.
7. CH 414 to be re-coded with MBA code.
8. CH 461, CH 465 - To replace the books with recent editions / reprints.
9. CH 421, CH 416 - Instead of List of Experiments as "List of Exercise". The course title to replace as "Equipment Design and Drawing Practice".
10. CH 481 may be offered as Open Elective for other disciplines also.

30/6/16

BIO-TECHNOLOGY: It is recommended :

1. To include attendance of BoS Members in the Minutes.
2. In I-Semester, it is to be mentioned as "Project Seminar" and in the II Semester as "Seminar".
3. To include "Entrepreneurship" as "Open Elective. "
4. To re-write course outcomes / course objectives for all the courses.
5. "Principles and Practice of Management" is a common course for "Chemical" and "Biotechnology" with the syllabus drafted in Chemical Engineering Curriculum. (Syllabus is drafted by SMS).
6. BT 415 : To elaborate List of experiments.
7. BT 421 : To re-draft the syllabus.

ITEM 3: Guidelines for Seminar, Project Seminar & Project.

A Sub-Committee with the following members is constituted to finalise the same.

- a. Dr. P. Ravinder Reddy, Head, Dept. of Mech. Engg., & Dean-R&D.
- b. Dr. N. V. Koteswara Rao, Head, Dept. of ECE & Dean-CDAAC.
- c. Dr. Y. Krishna Reddy, Prof., Dept. of Mech. Engg., & I/C-AEC.

ITEM 4: To consider the proposal of implementing Choice Based Credit System from the academic year 2016-17.

1. It is approved and decided to implement for the academic year 2016-17 onwards with slight modifications / scheme as mentioned below.

Depts. of CSE, IT & ECE

Suggested Plan of Study :		Sections (1-8) Total : Eight(8) Sections	
Semester-I		Semester-II	
Engineering Mathematics-I	3-0-0-3	Engineering Mathematics-II	3-0-0-3
Engineering Physics	3-0-0-3	Engineering Chemistry	3-0-0-3
Applied Chemistry	2-0-0-2	Applied Physics	2-0-0-2
Engg. Physics Laboratory	0-0-2-1	Engg. Chemistry Laboratory	0-0-2-1
Applied Chemistry Lab	0-0-2-1	Applied Physics Lab	0-0-2-1
Engineering Mechanics	3-0-0-3	Elements of ME	3-0-0-3
Elements of EE	3-0-0-3	Elements of ECE	3-0-0-3
Engineering Graphics	1-0-3-3	Computer Programming	3-0-0-3
Professional Communication	3-0-0-3	Computer Programming Lab	0-0-3-2
Professional Communication Lab	0-0-2-1	Mechanical and IT Workshop	0-0-3-2
Environmental Studies	1-0-0-1	Professional Ethics and Human values	1-0-0-1
Total	19-0-9-24	Total	18-0-10-24
Work Load	: 28 (Hours / per week)	Work Load:	: 28 (Hours / per week)

Depts. of CIVIL, MECH., PROD., EEE & CHEMICAL ENGG.

Suggested Plan of Study :		Sections (9-16) Total : Eight(8) Sections	
Semester-I		Semester-II	
Engineering Mathematics-I	3-0-0-3	Engineering Mathematics-II	3 -0-0-3
Engineering Chemistry	3-0-0-3	Engineering Physics	3-0-0-3
Applied Physics	2-0-0-2	Applied Chemistry	2-0-0-2
Engg. Chemistry Laboratory	0-0-2-1	Engg. Physics Laboratory	0-0-2-1
Applied Physics Lab	0-0-2-1	Applied Chemistry Lab	0-0-2-1
Elements of ME	3-0-0-3	Engineering Mechanics	3-0-0-3
Elements of ECE	3-0-0-3	Elements of EE	3-0-0-3
Computer Programming	3-0-0-3	Professional Communication	3-0-0-3
Computer Programming Lab	0-0-3-2	Professional Communication Lab	0-0-2-1
Mechanical and IT Workshop	0-0-3-2	Environmental Studies	1-0-0-1
Professional Ethics and Human values	1-0-0-1	Engineering Graphics	1-0-3-3
Total	18-0-10-24	Total	19-0-9-24
Work Load:	: 28 (Hours / per week)	Work Load	: 28 (Hours / per week)

48
30/6/14

Suggested Plan of Study of I-Sem and II-Sem of B.Tech (Bio-Technology)

Semester-I		Semester-II	
Engg. Mathematics-I / Biology-I	3-0-0-3	Engg. Mathematics-II/ Biology-II	3-0-0-3
Engineering Chemistry (3Hrs)	3-0-0-3	Bio Physics(3Hrs)	3-0-0-3
Engg. Physics(3Hrs)	3-0-0-2	Bio Physics Laboratory	0-0-2-1
Engg. Chemistry Laboratory	0-0-2-1	Bio-Organic Chemistry	3-0-0-3
Engg. Physics Lab	0-0-2-1	Bio-Organic Chemistry Lab	0-0-2-1
Elements of EE	3-0-0-3	Introduction to Anatomy and Physiology of Humans	3-0-0-3
Elements of Bio-Technology	3-0-0-3	Computer Programming	3-0-0-3
Professional Communication	3-0-0-3	Computer Programming Lab	0-0-3-2
Professional Communication Lab	0-0-2-1	Mechanical and IT Workshop	0-0-3-2
Engineering Graphics	1-0-3-3	Environmental Studies	1-0-0-1
		Professional Ethics & Human values	1-0-0-1
Total	19-0-9-23	Total	17-0-10-23
Work Load:	: 28 (Hours / per week)	Work Load	: 27 (Hours / per week)

2. Engineering Mathematics-III to rename as per the contents of the syllabus.
3. It is decided to have core course / Engineering mathematics in IV semester depending upon the requirement of concern disciplines. The departments who are not offering Engineering Mathematics course in IV semester, it is recommended to include the same as Interdisciplinary Elective in their respective curriculum.
4. For one credit lab course, sessional marks are 15 and semester end examinations are for 35 marks.
5. For two(2) credit course (Theory), it is to have 25 marks for sessionals and 50 marks for semester end examination, out of 25 marks, 5 marks are allotted for slip tests and 20 marks are based on two internal tests.

ITEM 11: Any other item with the permission of Chair

1. To use the name "End Semester Examination" in place of "University Examination".
2. To draft six(06) course outcomes and six(06) course objectives for every course.
3. To use standard format for the text books and suggested readings.
4. Using of Symbol "&" in the titles / text is not recommended.
5. Almanac for the Academic year 2016-17 is approved for the 2/4,3/4, 4/4 BE / B. Tech. and 3/3 MCA.
6. It is decided to revise remuneration for the examiners in all the examinations, i.e., both theory and practical examinations.

The meeting of Academic Council concluded with vote of thanks by the Chairman.

B. Chakrabarti
30/6/16

**Chairman
Academic Council**

Copy to:
All the members of Academic Council

Note:
The members are requested to suggest modifications to the minutes of the Academic Council if any, within a week, otherwise the same minutes stand approved.

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