

Minutes of Academic Council Meeting

held on 18th May, 2018

The 5th meeting of Academic Council was held on 18/05/2018 in the meeting hall of Government College of Engineering, Karad. Following Members were present for the meeting:

- | | |
|----------------------|--|
| 1. Chairman | : Prof. (Dr) A. T. Pise |
| 2. Member | : Prof. (Dr) P. M. Khodke |
| 3. Member | : Prof. (Dr) Shivshankar Nair, IIT, Guwahati |
| 4. Member | : Mr. H. T. Mendhegiri, Advisor, WRD, GoM, Mumbai |
| 5. Member | : Mr. S.V. Gadgil, Director & CEO, BHTC, Pune |
| 6. Member | : Mr. Ravindra L. Soman, Asst. GM, Tata Motors, Pune |
| 7. Member | : Mr. Pandurang Shinde, Cyclo Transmission Ltd, Satara |
| 8. Member | : Prof. (Dr) S.H. Sawant, University Nominee |
| 9. Member | : Prof. (Dr) S.S. Patil, University Nominee |
| 10. Member | : Prof. Vijay Kumar, Invitee, RCoE, Azamgarh, UP |
| 11. Member | : Prof. (Dr) Y. M. Ghugal, Head Applied Mechanics |
| 12. Member | : Prof. V. B. Waghmare, Head, Electrical Engg |
| 13. Member | : Prof. B. A. Konnur, Head, Civil Engg |
| 14. Member | : Prof. (Dr) S. S. Mohite, Head Mechanical Engg |
| 15. Member | : Prof. (Dr) P. M. Joshi, Head, E & TC |
| 16. Member | : Prof. (Dr) R. B. Kulkarni, Head, IT |
| 17. Member | : Prof. (Dr). P. C. Shetiye, Head, MCA |
| 18. Member | : Prof. (Dr). V. S. Patil, Head, Mathematics |
| 19. Member | : Prof. (Dr). U. V. Patil, Member |
| 20. Member | : Prof.(Dr) S. K. Hirde, Member |
| 21. Member | : Prof.(Dr) M. N. Hedao, Member |
| 22. Member | : Prof. (Dr). R. K. Shrivastav, Member |
| 23. Member | : Prof. (Dr) A. R. Acharya, Member |
| 24. Member | : Prof. S. K. Patil, Member |
| 25. Member | : Prof. M. H. Yadav, Member |
| 26. Member | : Prof. A. B. Chaudhari, Member |
| 27. Member | : Prof. M. D. Malkauthekar, Member |
| 28. Member | : Prof. A. A. Bhondwe, Member |
| 29. Member Secretary | : Prof. S. H. Pawar |

The leave of absence was granted to Prof.(Dr) S. V. Kulkarni, IIT, Bombay, Prof. (Dr) D. M. Devaikaar, IIT, Bombay Prof. (Dr) Vasant Matsagar, IIT, Delhi, Prof (Dr) H.A. Mangalvedhekar, Prof. (Dr) V.R. Ghorpade, University nominee and Prof. (Dr) R.N. Awale.

Member Secretary welcomed all members of Academic Council and requested to Hon. Chairman Dr A. T. Pise to offer his opening remarks. Hon. Chairman, in his opening remarks informed the house about agenda of the meeting and new model curriculum of AICTE.

With the permission of Hon Chairman, Member Secretary started with the agenda.

Item No. 5.1

To confirm the minutes of 4th Academic Council meeting

Mr. Ravindra Soman suggested that the syllabus shall be discussed with the respective expert AC member representing the department(s) prior to AC meeting so as to facilitate incorporation of corrections at early stage of AC meeting. Hon. Chairman instructed respective BoS chairman to consider the suggestion.

With above suggestion, the house confirmed minutes of 4th Academic Council.

Item No 5.2

To report actions taken on the minutes of 4th Academic Council Meeting held on 18th March 2017

Member secretary presented the action taken report on the minutes of 4th academic council meeting held on 18th March 2017.

Mr. Ravindra Soman suggested to convey the justification/suggestion, if any, given by AC members is not accepted by the BoS prior to subsequent AC meeting. The house agreed for presenting the changes with action taken report during subsequent AC meeting.

Mr. Gadgil suggested to include IATF 16949 in UNIT V and to incorporate design and process of FMEA of course ME 603 on page No 15 of Annexure 5.2.2.

With above discussion and suggestions, the house approved the action taken report on the minutes of 4th Academic Council Meeting held on 18th March 2017.

Item No 5.3

To discuss and approve revision in curriculum structure of U.G. programs

Member secretary presented the revision in curriculum structure of U.G. programs.

Dr. Nair suggested to correct the title of 'IT824 Ethical Hacking and Digital Forensic' to 'IT824 Ethical Hacking and Digital Forensics', page No 46 (t), Annexure No. 5.3.3

Dr. Nair also suggested to correct the title of 'IT826 Ethical Hacking and Digital Forensic Lab' to 'IT826 Ethical Hacking and Digital Forensics Lab', page No 46 (t), Annexure No. 5.3.3

With above suggestions, the house approved the revision in curriculum structure of U.G. programs.

Item No 5.4

To discuss and approve revision in curriculum structure of MCA program

Member secretary presented the revision in curriculum structure of MCA program.

1. Prof (Dr.) P. M. Khodke suggested to provide comparison of proposed structure with previous structure with the suggested structural changes by BoS.
2. Prof. Dr Nair expressed his concern for the Semester-I of FYMCA which has become exhaustive and suggested to reorganise the structure accordingly.
3. Dr. P. C. Shetiye, chairman BoS, MCA agreed and informed the house that the suggestions will be discussed in BoS meeting.

The house noted the same and approved the revised curriculum structure for MCA program.

Item No 5.5

To discuss and approve final year curriculum contents for all B. Tech programs

Member Secretary presented the curriculum contents of all final year B. Tech. programs to the house. Following suggestions were made by the members on the course contents.

The house made the following suggestions common to all programs.

1. Hon members expressed deep concern about formatting aspect of the contents presented to the house.
2. The standard formats with respect to the titles be followed including course name, program name, semester and year.
3. Entire document should be processed for spell check and all spelling mistakes should be corrected.
4. The list of text books and reference books should be complete in all respect inclusive of year of publication, edition, publisher etc.
5. Common suggestions for Seminar:
 - i. Seminar topic should be based on research paper from a reputed journal.
 - ii. Student should present the seminar topic based on research paper.
 - iii. Template of seminar report should be uniform across all the branches. The model template shall be framed by Dean Academics.
6. General suggestions for Industrial Training:
 - i. Training report and presentation of the student should include photographs during working period of training to ensure his presence.
 - ii. A brief report from the supervisor from concerned industry should be attached along with certificate of training indicating student's achievements, pro-activeness, working ability, punctuality, ability to work in team etc.
7. General suggestions for Project Phase I and II
 - i. Hard copy of the project report shall be avoided; instead soft copy can be archived. Respective department shall maintain such soft copy as a record.

- ii. Project shall be uploaded on cloud so that it can be retrieved for reference.
- iii. Plagiarism checking software shall be procured.

Program specific suggestions:

Hon. Member Mr. Mendhegiri gave the suggestions/corrections in Civil Engg program contents as below.

B.Tech. Civil Engineering

Course code	Page No	Suggestions
CE 701	3	Unit I: Add CSR(Common Schedule of Rates) Unit III: correct 'Preparation of schedule for steel as-reinforcement.' as 'Preparation of schedule for steel reinforcement.' Unit IV: correct ' Tenders ' as ' Tenders (Bids) ', Add e-procurement, Rearrange 'Arbitration-', 'unbalanced-tenders' Add 'qualification of contractors'
	4	Unit V: Add 'percentage rate', Remove 'Forms and types of contracts,' Add 'WRD' in organisation Reference 5 Correct 'PWD District Schedule of Rates (DSR) – Latest' as 'PWD Schedule of Rates – Latest'
CE 715	15	In course objectives Instead of Graduate correct to student
CE 725	18	Unit II Add Rock fill dams
	19	Unit IV Add K T Weir
CE 745	25	Unit VI Add reservoir siltation
CE 785	37	Add P S Nigam ,“Handbook of Hydro Electric Engineering” in Textbook
CE 706	39	Experiment No. 1 Add Buildings
		Experiment No. 3 Correct 'G + 1 framed structure' to 'G + 1 building with framed structure'
		Experiment No. 5 Correct 'schedule bill for G + 1 building' to schedule 'B' (BOQ)for G + 1 building' Remove repeated sentence 'Preparing tender document for G + 1 building for which the detailed estimate is prepared'
CE 832	58	CO 1: correct 'To understand the behaviour design' to ' to understand the behaviour and design'
CE 842	61	Unit III: Remove word 'Geology' in title
CE 882	71	Unit II: Add 'Visit to developed water shed'
CE 823	78	CO 2: Add word ' analyse'
CE 833	81	Unit VI: Add 'Tunnel Boring Machine (TBM), Alimake Raise Climber'

CE 843	82	Unit I: Correct 'Guniting as 'RMC' Unit V: Correct ' Dam' to ' Dam Rehabilitation'
CE 853	84	Unit I; Add 'Real Estate (Regulation and Development) Act, 2016 (RERA),' Unit II: Correct 'Power and Duties of' to 'Power and Duties of Arbitrator' Correct 'Preparation andpublication', to 'Preparation and publication of award,'
CE 804	92	Unit VI: Add 'Crushed sand'
CE 845	100	Experiment 7 : Correct 'Site investigation around GCE Karad' to 'Site visit to Study the geological features of deccan plateau' List of Submissions: Correct 'Total number of Experiments,' to 'Total 8 number of Experiments' Add 'Project Visit Report= 1'
CE 885	108	Course Objective 1: Correct ' To implement' to ' To Study' Course Outcome 1: Correct ' Implement' to 'Study'
CE 806	110	Experiment 1 ; Correct 'Residential three (G+3)...' to Residential four (G+3)...'

B. Tech. Mechanical Engineering

Course code	Page No	Suggestions
ME703	122	Unit I, with reference to power plant locations and dive,..... (relevance of this contents to checked)
	123	Unit No V: Li ion batteries should be included. Include navigation, gesture recognition, infotainment
ME 704	125	Unit No IV:Difference between number of teeth of successive gears.... (contents should be checked for its inclusion). Include 'Synchronised gear box'.
ME705	129	Unit II: include ' past trouble data base'. Unit IV: include 'value analysis'
ME715	132	Change title 'Operation Research' to "Operation Researchs'
ME 725	135	Unit III: correct 'ISO 14000:2015' to 'ISO 14001:2015' Add standard IATF 16949
	136	Unit V: correct 'Bench Marking on Key Performance Indicates (KPIs)' to 'Bench Marking on Key Performance Indicator/indices (KPIs)' Add 5 I, 8 D reports
ME 735	138	Unit IV: Add construction of CNG engines.
ME 745	141	Add Membrane boiler' and IBR regulations
ME 802	163	Correct 'reciprocity theorem' to 'reciprocal theorem'
ME 805	185	Unit I: Add Ferrous Non-ferrous classification

	186	Unit V: Add processes for casting and welding Weightage for welding is less. May be increased.
ME 835	195	Inputs from industry experts may be taken
	196	More details of Text books e.g. Edition, Year of publication, Publisher etc. shall be added
ME 806	201	Instead of PLC based experiments, experiments based on Matlab or advanced softwares shall be incorporated.
ME 807	204	'Post Vibration' shall be added in ME 802 Experiment No. 1 and 11 as well as Experiment No. 2 and 5 are same.
ME 808	206	Experiment 11 : Remove the word 'One'
ME 818	208	Course contents may be revisited and elaborated.
ME 828	210	The Experiments should not be language specific.

B.Tech. Electrical Engineering

Course code	Page No	Suggestions
EE 703	226	Reorganise the course contents to accommodate it in Six Units Instead of 8051 microcontroller more advanced controllers such as Arduino shall be incorporated.
EE 707	233	The experiments shall be made to write a general program instead of specific.
EE 744	245	Practical hours or at least tutorials may be added.
EE 833	262	Redistribute the Elective list according to lab requirements.
EE 834	274	Rename the title of course as ' Artificial Neural Networks'

- Prof (Dr). P.M. Khodke suggested to send the Electrical Engineering curriculum contents to Dr. S.V. Kulkarni for the suggestions and corrections.

B.Tech. Information Technology

Course code	Page No	Suggestions
IT 703	287	Laboratory course shall be considered.
IT 706	292	Experiment 1: Make the title Generic instead of specific Experiment based on Interfacing shall be added.
IT 707	295	Consider the theory contents as a separate course.

B. Tech. Electronics and Telecommunication

Course code	Page No	Suggestions
EX 704	370	Rename the course title as per the contents.
EX 724	374	Rename the title as ' Real Time Operating Systems'
EX 706	382	Illustrative list of experiments shall be given
EX 708	386	Rename the course title as per the contents.
EX 833	402	Rename the course title as ' PLC and SCADA'

- Prof (Dr). P.M. Khodke suggested to send the Electronics and Telecommunication curriculum contents to the experts for the suggestions and corrections.

With above suggestions/ corrections, the house approved final year curriculum contents for all B. Tech Program.

Item No 5.6

To discuss and approve first cycle revision completed of FY MCA curriculum contents

Member secretary presented first cycle revision completed curriculum contents of FY MCA to the house.

1. Prof (Dr). Nair suggested to use the appropriate statements in Unit IV for 'Statement of Problem' in MC1204 page no. 459.

With above suggestions/ corrections, the house approved first cycle revision FY MCA curriculum contents.

Item No 5.7

To discuss and approve modifications in UG, PG Ordinances and Exam Rules and regulations

Member secretary presented modifications in UG, PG Ordinances and Exam Rules and regulations.

Hon. Members discussed the details and gave following suggestions:

Page No	Suggestions
54	R 18.6 : Instead of ' STATE LEVEL or NATIONAL LEVEL competition' include Zonal, Interzonal, Inter-university sports competition and Youth festival competition or representing state as team member.' No open tournaments shall be considered for the above case
56	Modalities of Summer Make-up Examination The house suggested to redraft the amendments in rules.

With above suggestions the house approved modifications in UG, PG Ordinances and Exam Rules and regulations.

Item No 5.8

To discuss and approve institutional policy for Credit Transfer Scheme under students exchange program

Member Secretary presented the details of institutional policy and application format for Credit Transfer Scheme under students exchange program.

The House suggested to incorporate the clause of "Restriction of number of students to be sent or accept" under the scheme.

With this suggestion the house approved the Credit Transfer Scheme under students exchange program.

Item No 5.9

To note students' performance in the examinations for Sem-I, Sem-III and Sem-V of academic year 2017-18

Member Secretary presented the performance of the students in examination for winter-2017 of the academic year 2017-18.

House expressed concerned on presentation method and contents and instructed Dean Academics to compare the results with previous year in graphical or appropriated presentable form and send the same to all the members for their views.

With the above suggestions the house noted the results of winter-2017 examinations of Academic year 2017-18.

Item No 5.10

To note student's performance in campus placement program during academic year 2016-17

Member Secretary presented student's performance in campus placement program during academic year 2016-17.

1. House expressed concerned on presentation and instructed Dean-III to compare the placement details with previous year in appropriated presentable form.
2. Academic Council noted the report and suggested to present the report for 2017-18.
3. Prof. Dr. P. M. Khodke suggested to add track record of placed students through campus interview for subsequent years. He also suggested to call the students who were placed in PSU's like Bharat Petroleum to guide the students and share their experiences to improve the placements in PSUs.

With above suggestions house noted students' performance in campus placement program during academic year 2016-17 and 2017-18.

Item No 5.11

To note and approve Academic Calendar for 2018-19

Member secretary presented Academic Calendar for 2018-19.

The Academic Council noted and approved Academic Calendar of the institute for 2018-19.

Item No 5.12

Any other item with the permission of Honourable Chair

Item No. 5.12.1

To include new rule in R.R. for Examination and Evaluation of UG and PG Programs

With the permission of chair, Member secretary presented new rule in R.R. for Examination and Evaluation of UG and PG Programs.

1. The house discussed amendments / addition for provision of grace marks.
2. The house instructed Dean Academics to compare this rule with other autonomous institutes and redraft the item accordingly.

With above suggestions house approved include new rule in R.R. for Examination and Evaluation of UG and PG Programs.

Item No. 5.12.2

To finalise the date for submission of PG dissertation report and issue of Yearly grade cards to the students

Member secretary presented the item for the date of submission and issue of yearly grade cards.

1. The house discussed and approved the last date for submission of PG dissertation report as 15 July of corresponding academic year.
2. The house discussed and approved issue of yearly grade cards to the students with the suggestion to include 'w.e.f.' on grade card.

Item No. 5.12.3

To discuss the implementation of AICTE model curriculum

Member secretary initiated the discussion for implementation of AICTE model curriculum.

1. The members discussed about AICTE model curriculum. Prof (Dr) Hirde pointed out that there is major reduction in total no of credits in model curriculum. Also, she highlighted that major no of core courses did not find the place in model curriculum.
2. Hon. Members brought to the notice of the house about considerable reduction in laboratory courses in proposed AICTE model curriculum.
3. Prof (Dr) Khodke asked the program coordinators/ BoS Chairmen to compare existing curriculum with proposed AICTE model curriculum and submit the details to Chairman Academic Council.

The house directed to study the matter in detail before implementation of AICTE model curriculum.

Item No. 5.12.4

To note academic progress report of the institute

Member secretary presented the academic progress report of the institute.
The house noted the academic progress report of the institute.

Meeting concluded with vote of thanks proposed by Mr. S. H. Pawar, Member Secretary.



Prof. S.H. Pawar
Member Secretary,



Prof. (Dr) A. T. Pise
Chairman

Date: 19/05/2018

Place: Karad