

GOVERNMENT COLLEGE OF ENGINEERING, KARAD

Vidyanagar, Karad, Dist. Satara, Maharashtra, India, PIN: 415124

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MINUTES OF ACADEMIC COUNCIL MEETING

HELD ON 21st April 2014

The first meeting of academic council was held on 21/04/2104 in conference Hall of Government College of Engineering, Karad. Following Members were present for the meeting:

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| 1. Chairman | : Prof. (Dr) P. M. Khodke |
| 2. Member | : Prof. (Dr) Y. M. Ghugal, Head Applied Mechanics |
| 3. Member | : Prof. V. B. Waghmare, Head, Electrical Engg. |
| 4. Member | : Prof. M. B. Kumthekar, Head, Civil Engg |
| 5. Member | : Prof. (Dr) S. S. Mohite, Head Mechanical Engg. |
| 6. Member | : Mr. P. C. Shetiye, Head, MCA |
| 7. Member | : Mr. K. N. Tayade, Head, IT |
| 8. Member | : Mr. S. M. Shinde, Head, Mathematics |
| 9. Member | : Smt. (Dr) S. S. Chougule, Head, Physics |
| 10. Member | : Prof. (Dr) P. M. Joshi, Member |
| 11. Member | : Prof.(Dr) S. K. Hirde, Member |
| 12. Member | : Prof.(Dr) R. M. Warkhedkar, Member |
| 13. Member | : Prof.(Dr) M. N. Hedao, Member |
| 14. Member | : Prof.(Dr) S. V. Kulkarni, IIT, Bombay |
| 15. Member | : Prof.(Dr) D. M. Devaika, IIT, Bombay |
| 16. Member | : Mr. Pandurang Shinde, M.D. , Cyclo Transmissions Ltd
Satara |
| 17. Member Secretary | : Mr. S. H. Pawar |

The leave of absence was granted to Dr. Milind Ambardekar, G.M. Tata Motors, Pune and Prof.(Dr) S. B. Nair Dy Director, IIT, Guwahati.

Hon. Chairman Dr P. M. Khodke welcomed all nominated members by offering bouquet. Member Secretary requested Hon. Chairman to express his opening remarks. Hon. Chairman gave a brief presentation of institute in the areas of faculty strength, student's performance, placements, results and status of autonomy. Dr .S. V. Kulkarni expressed his concern about less number of publications of faculty in Electrical Engineering Department. Head Electrical Engg informed that the figures in presentation appear to be incorrect. Hon

Chairman instructed all Heads to provide correct and updated information on such issues in future.

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

Item No. 1.1

To note the status of Autonomy

The item was noted by the Academic Council and expressed satisfaction on the speed with which the process is expedited in last two months.

Item No. 1.2

To note constitution and functions of Academic Council

The constitution and functions of Academic Council were noted by the house.

Item No 1.3

To note the composition of Board of Studies (BoS) for Civil, Mechanical, Electrical, Electronics & Telecommunication, Information Technology, Master of Computer Applications and Science & Humanities

Member Secretary presented the composition of Board of Studies. Hon. Chairman requested members to suggest additional outside experts from reputed institute / industry so as to have maximum participation.

The Academic Council noted the composition of Board of Studies for Civil, Mechanical, Electrical, Electronics & Telecommunication Engineering, Information Technology, Master of Computer Application and Science & Humanities.

Item No 1.4

To discuss and approve UG Ordinances and Regulation

Member Secretary presented ordinance and rules and regulation for UG programmes to be implemented under autonomy. During the discussions following corrections / suggestions were brought into notice of the house by different members.

- SGPI and CGPI be replaced by SGPA and CGPA respectively throughout the document.
- Prof. (Dr) S. K. Hirde enquired about the reason for providing odd digits for programme code (in R 14). After listening to justification, Hon. Chairman instructed

to change the proposed digits and use all digits starting from 1 for Civil, Mechanical etc.

- (Dr). S. V. Kulkarni suggested to appoint final year UG/PG students as a mentors for academically poor students so as to avoid situation of academically weak student deprived of getting degree due to condition of maximum period for completion of degree. Also, he suggested to identify such students at early stage e.g. After CT1. Member Secretary assured that this will be implemented after completion of two years of autonomy.
- R 19.4 should be corrected so as to conduct CT1, CT2 and TA again during summer term.
- Prof. (Dr) S K Hirde suggested to replace "Summer course" or "summer semester" by "**Summer term**" at all places in ordinances and rules and regulations for UG programmes.
- Make provision in R 20.1 that Chairman grade moderation committee is HoD.
- Prof (Dr) S V Kulkarni and Prof (Dr) Devaikar raised doubt about grade improvement mechanism given in R 24 for all semester and opined that this shall result in increasing the work of examination as well as examination period. They suggested to remove "Grade improvement" in R 24. Hon. Chairman instructed to remove R 24.
- Dr S. V. Kulkarni also inquired about provision of R 28.7. Dr P. M. Joshi informed about the printing mistake. The provision is made for Grade improvement for such students whose CGPA, after completion of program, is less than 5 as they become not eligible for award of degree. Hon. Chairman instructed to replace 7 by 5 in R 28-7.
- Dr Hirde pointed out mistake in the title of table1 (page 22). 'B.Tech (Electronics Mechanical Engineering)' be replaced by B. Tech (Electronics and Telecommunication Engineering). Hon. Chairman instructed to refer university approval and make corrections accordingly.
- Dr Kulkarni opined that course coordinator may be given flexibility to change the passing criteria based on average class performance. Hon. Chairman instructed to make provision for the same in case overall result of entire class in that course is less than average result of that class in all theory courses taken together but limited to 50 % result in that course. However such passing marks should not be lowered below 33% of maximum marks. Moreover such cases should be reported to Hon. Chairman Academic Council and shall require permission of Chairman.
- Correction in Appendix F was pointed out in point 5 (iii). Instead of 'cultural' it should be 'sports'.

With above corrections, Academic Council approved UG ordinance and rules and regulation.

Item No 1.5

To discuss and approve PG Ordinances and Regulation

Member Secretary presented ordinance and rules and regulation for PG programmes to be implemented under Autonomy. During the discussions following corrections / suggestions were brought into notice of the house by different members.

- Delete "Like minor and major project" and 'Industrial Training' in R 6.1 (d) page 6
- Remove closing bracket in R 9.1 for BoS.
- Dr S. V. Kulkarni proposed to make provision so as to encourage M Tech students continuing their studies.
- In program code (page 10), 5th digit (for PG), it was resolved to use 1,2,3,4 instead of 6,7,8,9.
- Replace "Summer course" or "summer semester" by "**Summer term**" at all places in ordinances and rules and regulations for UG programmes.
- Delete the last two lines of R 16.2 (page 13) stating 'The teaching assistants..... conducting summer course'.
- Use words 'Marks' instead of 'Mark' in entire document.
- Use word 'Dissertation/Project work' instead of 'The Project Work' in R 18.8 (page 15)
- Change the word 'Semester' to 'Term' in R 18.9 (page 15) 1st line.
- 1st line of R 20.1 (page 15) and R 20.2 (page 16); remove first year provision.
- Remove R 20.1 as it is redundant, on page 16.
- Dr Kulkarni asked to elaborate and clearly mention the revaluation process in R 22.1 (page 16). The conflict between teacher and student for re-totalling should be settled at departmental level .
- Use 'Prescribed Fee' instead of 'Rs. 200/per course' in last line of R 22.1.
- 'CGPA of 5.0' be replaced by 'CGPA 6.0' in R 25.2 (line 3, page 17).
- Long form for DAMCA be ensured in the document in R 28.2.
- Make change in title of Table 1 (page 20) from M.Tech (Heat Power) to M.Tech (Heat Power Engineering). Hon. Chairman asked to ensure the nomenclature of degrees from university approval letter.
- Replace mention of 'R 14.9' and R 18.5, R 20 (on page 20 and page 21) by proper reference.
- Replace word 'Course Co-ordinator' (on page 22, App.C, Sr.No. 2) by 'Supervisor'.
- Dr Kulkarni and Dr S. S. Mohite suggested to prepare well defined guidelines for industry based project and also for full time sponsor projects. Also it was expected that students should get at least 20 to 30% more stipend in industry than the institutes offer.
- Institute stipendiary students working outside should be discouraged.
- Make provision in R 20.1 that Chairman grade moderation committee is HoD.
- The panel of examiners for dissertation evaluation in App C be clearly defined.

- Page 23-Appendix-C, point 4 meaning not clear since there is no ESE for second year M. Tech.
- App. D needs to be revised in light of minimum passing marks.
- App. E should be revised for minimum passing marks (40 %).

With above changes / modifications, Academic Council approved PG Ordinances and Regulation.

Item No 1.6

To discuss and approve Rules and Regulation for Examination and Evaluations of UG and PG programmes

Member Secretary presented the Rules and Regulations for examination prepared by Controller of Examination.

- The Council members suggested to maintain consistency in fee pattern with ordinances and examination rules in fee pattern.
- SGPI and CGPI be replaced by SGPA and CGPA respectively throughout the document.

With above suggestions, Academic Council approved the Rules and Regulation for Examination and Evaluations of UG and PG programmes

Item No 1.7

To approve U.G. Curriculum Structure for Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics & Telecommunication and Information Technology

Member Secretary presented U.G. Curriculum Structure for Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics & Telecommunication and Information Technology to be implemented gradually under Autonomy. During the discussions following corrections / suggestions were brought into notice of the house by different members.

Sr. No	Page No.	Additional Location	Existing	Modifications proposed
1	30	Sr. No. 6, Column L	Lecture 2 Hrs	1 Hr Correct the sum vertically and horizontally for contact hrs.
2	30 onwards	Bottom line foot note	ESA	ESE In structure of Civil and

				Mechanical
3	32 onwards	title of the structure	(UG) Degree	Delete the existing word '(UG) Degree'
4	32	Column T	Total -	2
5	32/33	-	6 Theory courses	Should not exceed 5
6	32	Column contact Hrs/Wk	Total 28	30
7	33/34	Column contact Hrs/Wk	Total 27	30 No uniformity in contact Hrs, No of subjects, credits
8	35	Sr. No. 1, column course code		Mention 'course code' for open elective in next meeting
9	35	Column contact Hrs/Wk	Total 30	28
10	36/39	Sr no. 4, 5 Course code CE804, CE805		provide list of electives
11	42, 44			'*' is not indicated in Sem III and Sem IV structure
12	47	Sr. No. 12,13	Course code ME 513, ME 514	Course code ME 612, ME 613
13	41/43/45/47	Lab courses	No uniformity	
14	49		Open elective is shown in Sem VII	Take open elective ME 705, ME 710 to Sem VI with course code in consideration with APEC
15	50/51		contact Hrs per week (33/31)	make contact Hrs per week uniformly (26)
16	51	Sr. No. 11 course code ME 811	Contact Hrs/Wk 06	Make contact Hrs/Wk 03 Correct total accordingly
17	51/67/68/69			List of electives
18	54	Sr. No. 9 Course code EE 509	PSPICE/ETAP/LAB VIEW LAB	PSPICE/ETAP/LAB VIEW/ FEM
19	56	Sr. No. 4 Corse code EE 704	Elective II	Elective I/ list of elective
20		Credits for project I and seminar		Uniform policy
21	57	Sr. No. 2, 5 Course code EE 802,	DESIGN OF ELECTRICAL MACHINES,	COMPUTER AIDED DESIGN OF ELECTRICAL

		EE805	DESIGN OF ELECTRICAL MACHINES LAB	MACHINES Combine Courses EE 802, EE805 No need for theory course in machine design
22		Project II		Uniform credits
23	57	Sr. No. 3, 4 EE803, EE804	Elective III, Elective VI	Elective II, Elective II
24	57	Sr. No. 6 EE806S	Contact Hrs/Wk P (12)	reduce contact Hrs of project-II
25	61	Sr. No. 6 Course code IT606	Research Methodology and Ethics	Remove course 'Research Methodology and Ethics'
26	64		Contact Hrs/Wk Total is 30	Make correction in total of contact Hrs/Wk.
27	65			formatting
28	66	Sr. No. 8		Add ANTENNAS DESIGN SUBJECT in LAB ET 508
29	68	Sr. No. 7		Provide list of Elective I, Provide contact Hrs
30	68	project	Contact hours not mentioned	
31	69	Sr. No. 7		Provide contact Hrs

Dean Academics shall prepare framework for structure with respect to number of electives, contact hour per week and per semester, credits, credits for project, contact hour for projects etc. which shall necessary be followed by all BoS.

Open elective should have same course code for all programmes and should be in same semester. All branches should provide title of open elective of their programme.

Dr S. V. Kulkarni suggested to consider following points in General Proficiency:

- Language skills, communication skills, report writing, article reading, presentation, teaching, writing CV etc.
- Appoint English teacher on contract basis. However Hon. Chairman told house that these courses shall be taught by highly professional personnel/agency appointed with specific responsibility and accountability.

Hon Chairman assigned responsibility of Sr. No. 1,2,3,4,6,7,8,9,12,17,18,24&25 to Dean Academics, while Sr. No. 5,10,11,13,14,15,16,19,20,21,22,23,26,27,28&29 are referred back to concern BoS chairman to decide in DBoS or BoS.

With above changes / modifications, U.G. Curriculum Structure for Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics & Telecommunication and Information Technology was approved by house.

Item No 1.8

To discuss and approve first year curriculum common for all UG programmes

Member Secretary presented first year curriculum common for all UG programmes to be implemented gradually under Autonomy. During the discussions following corrections / suggestions were brought into notice of the house by different members.

- Total teaching hours assigned for all units should tally with contact hours and number of weeks (12 weeks).
- Standard format to be used for writing text books, references and contact hours for UG and PG.
- In useful links mention course title of NPTEL.
- List of experiments should be at least equal to number of experiments to be conducted.
- Add the title 'Sample list of experiment' in place of 'course contents' in all laboratory courses.
- Add course outcomes in all courses.

Sr. No	Page No.	Additional Location	Existing	Modifications proposed
1	70 Onwards			Make total no. of teaching Hrs as per contact Hrs/Week for all subjects
2	80	Lab Scheme	Lectures 2 Hrs/Week	Lectures 1 Hrs/Week
3	81	List of submissions		Serial numbers should be removed
4	83 84		FE 108	FE 108 (A) Course name not in scheme
5	85/100			Remove word 'Aim' from list of experiments
6	86	Course objectives	Sr. No. 5	remove no. 5 no course objectives is mentioned against no. 5
7	89	Sr. No. 1		Sr. No. 1 in text books should be moved to references
8	96	Useful links	NPTEL	Provide detail address of NPTEL in the useful link

9	96	References		Add Electrical Technology by Nag Sarkar, Oxford Press book in references
10	98	References Sr No. 4 & 5		Remove Sr No. 4 & 5 in references and 1-3 should be shifted in text books
11	99	Below Experiment No 09		add Experiment No 10
12	102			Add FE 209 (Engineering Mechanics Lab) curriculum
13	105		Experiment No's 9,10 are not given	Provide details of Experiment No's 9,10

Hon. Chairman assigned responsibility of all corrections to Chairman BoS Science and Humanities in consultation with BoS of respective courses.

With the above changes and modifications the first year curriculum common for all UG programmes was approved by house.

Item No 1.9

To approve P.G. Curriculum structure for M.Tech. in Construction Management, Structural Engineering, Heat Power Engineering, Production Engineering, Power System and Master of Computer Applications

Member Secretary presented P.G. Curriculum structure for M.Tech. in Construction Management, Structural Engineering, Heat Power Engineering, Production Engineering, Power System and Master of Computer Applications to be implemented gradually under Autonomy. During the discussions following corrections / suggestions were brought into notice of the house by different members.

- Seminar should be adjusted in I and II semester. Remove seminar in III and IV semester.
- Template for Semester III and IV need to be changed as no theory subjects.
- List of electives should be added for all programmes.

Page No.	Additional Location	Existing	Modifications proposed	Remarks
106	Title of the structure	(PG) Degree	Remove (PG) degree	On all pages of PG curriculum

108			remove CT1, CT2 in Semester III for all PG programmes	structure
109/110			Add Mathematics course e.g. Numerical methods in Civil Engineering	Remove blank cells
112		HP 100	should be made HP 106	
113		HP 200	should be made HP 206	
118	Sr. No. 3 Course code PS 103	FACTS	Add Advanced Power Electronics No course code with PS105	
121			Add course on 'Research Methodology'	

Hon Chairman assigned responsibility of all corrections to Chairman of concerned BoS.

With the above changes and modifications P.G. Curriculum structure for M.Tech. in Construction Management, Structural Engineering, Heat Power Engineering, Production Engineering, Power System and Master of Computer Applications was approved by house.

Item No 1.10

To discuss and approve first year curriculum for M.Tech. in Construction Management, Structural Engineering, Heat Power Engineering, Production Engineering, Power System and Master of Computer Applications

Member Secretary presented first year curriculum for all PG Programmes to be implemented gradually under Autonomy. During the discussions following corrections / suggestions were brought into notice of the house by different members.

- Total teaching hours assigned for all units should tally with contact hours and number of weeks.
- In useful links mention course title of NPTEL.
- List of experiments should be at least equal to number of experiments to be conducted.
- Add the title 'Sample list of experiment' in place of 'course contents' in laboratory courses.
- Add course outcomes in all courses.

In view of above corrections in curriculum structure, Hon. Chairman assigned responsibility of relevant corrections, if any, to Chairman of concerned BoS.

With above changes the first year curriculum of all PG Programmes was approved by house.

Item No 1.11

To discuss and approve policy for faculty and supporting staff training

The Academic Council discussed the training policy for faculty and supporting staff and approved the same.

Item No 1.12

To discuss and approve proposal for remunerations, Travelling Allowance, Dearness Allowance of Examiner, Moderator, paper setter etc.

The Academic Council discussed the proposal for remunerations, Travelling Allowance, Dearness Allowance of Examiner, Moderator, paper setter etc. and approved the same.

Item No 1.13

To discuss and approve institution of scholarship for second year topper of Mechanical Engineering

The Academic Council discussed the proposal for institution of scholarship for second year topper of Mechanical Engineering and approved the same.

Item No 1.14

To discuss and approve proposal for collaboration with the 'University of New South Wales, Australia'

The Academic Council appreciated the initiative and approved the proposal for collaboration.

Item No 1.15

To discuss and approve procedure and format of feedback for performance evaluation of teachers

The Academic Council suggested to give weightage for CGPA and attendance of students while considering their feedback for evaluation. With these suggestions, the procedure and format of feedback for performance evaluation of teachers was approved by council.

Item No 1.16

To note students performance in examination and placement

Member Secretary presented the student performance and placement in last three years. Academic Council appreciated the performance of the students in university examination and congratulated the faculty though, less in number. Hon. Chairman pointed out that the placement is also satisfactory but the students eligible for placement (average 60 % marks) is less. Hon. Chairman instructed to communicate this fact to all departments and inform Heads of Department to fix up the targets in this direction for coming academic year.

With this discussion, the Academic Council noted the students performance in examination and placement.

Item No 1.17

To discuss and approve Academic Calendar for 2014-15

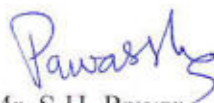
Member Secretary presented Academic Calendar for academic session 2014-15 for both University pattern as well as Autonomy pattern. He further informed the house that academic calendar is prepared in such a way that at least 90 working days are available for class room teaching and laboratory work. Also all academic, co-curricular and cultural activities are enlisted in the calendar. The Academic Council appreciated the initiative and approved Academic Calendar for 2014-15.

Item No 1.18

Any other item with the permission of Honourable Chair

No item was presented with the permission of chair. Academic Council concluded the meeting.

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



Mr. S.H. Pawar
Member Secretary,



Prof. (Dr) P.M. Khodke
Chairman

Date: 25/04/2014

Place: Karad