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GOVERNMENT COLLEGE OF ENGINEERING AURANGABAD

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GECA/REG. ACAD/XVIII AC/2018/ 1932

Date: 12/6/2018

Final Minutes of Meeting of XVIIIth Academic Council

Date: 12th June 2018 **Time:** 11.30 a.m.

Venue: Electronics Seminar Hall,
Government College of Engineering,
Aurangabad

Chairman: Dr. P. B. Murnal, Principal, Government College of Engineering, Aurangabad

Member Secretary: Dr. A. A. Bhole, Registrar (Academic)

Sub: XVIIIth Meeting of Academic Council, dated 12/06/2018

The meeting of the Academic Council was scheduled on 12/06/2018. It was held at Electronics Seminar Hall, Government College of Engineering, Aurangabad on 12/06/2018 at 11.30 a.m. Hon. Chairman, members and invitees of Academic Council as below attended the meeting on 12/06/2018.

Sr.	Name	Designation in AC
1.	Dr. P. B. Murnal	Chairman
2.	Dr. R. M. Damgir, Head Civil	Member
3.	Dr. R. S. Londhe, Head Applied Mechanics	Member
4.	Dr. S. B. Chikalthankar, Head Mechanical	Member
5.	Prof. S. S. Dhamse, Head Electrical	Member
6.	Prof. R. P. Chaudhari, Head Electronics	Member
7.	Prof. Shikalpue, I/C Head Computer Science	Member
8.	Prof. Chitra Gaikwad, Head IT	Member
9.	Dr. D. G. Regulwar, Dean Academics	Member
10.	Dr. M. G. Shaikh, Dean Student Activities	Member
11.	Dr. N. R. Bhasme, Dean IIIA	Member
12.	Dr. A. S. Bhalchandra, Dean QA	Member
13.	Dr. S. M. Shinde, Controller of Examinations	Member
14.	Prof. N. R. Kolhare	Member
15.	Mr. Jayant Yavalkar, Head TPM University, Bajaj Auto Pvt. Ltd. Aurangabad	Member
16.	Mr. Madhav Kale, Consultant Sumatech, Aurangabad.	Member
17.	Prof. Dr. B. N. Chaudhari Deputy Director & Professor of Electrical Engineering, College of Engineering, Pune	Member
18.	Dr. Satish S. Patil, Dr. BAMU, Aurangabad	Member
19.	Dr. K. M. Jadhav, Dr. BAMU, Aurangabad	Member

20.	Mr. Ravindra Vaidya, BoM member	Special Invitee
21.	Prof. Anjana Ghule, Associate Dean (Academic) UG	Invitee
22.	Prof. Vrushali Chakkarwar, Associate Dean (Academic) PG	Invitee
23.	Dr. A. A. Bhole, Registrar (Academic)	Member Secretary

Leave of absence was granted to following members.

01	Prof. M. P. Bhusari, Head Chemistry	Member
02	Dr. S. M. Desai, Head Physics	Member
03	Prof. S. D. Ahirrao, Head Mathematics	Member
04	Prof. M. G. Rathi, Head Workshop	Member
05	Dr. U. J. Kahalekar, Dean HR	Member
06	Dr. S. S. Jamkar, Dean R & D	Member
07	Dr. G. K. Patil, Dean Infrastructure	Member
08	Prof. V. P. Gaikwad	Member
09	Prof. Meghana Nagori	Member
10	Mr. Ashutosh Jahagirdar, Head R&D, Endurance Transmission, Aurangabad	Member
11	Dr. Ramchandra R. Manthalkar Associate Professor, Department of Elect. and Tele. Engg. SGGS Institute of Engineering and Technology	Member
12	Mr. Suresh Todkar, S. S. Controls, Aurangabad	Member
13	Dr. P. S. Wakte, Dr. BAMU, Aurangabad	Member

The Chairman Dr. P. B. Murnal initiated the meeting by welcoming honorable members and Invitees of Academic council & declared the meeting **open** and directed Dr. A. A. Bhole, Registrar (Academic) to conduct the proceeding as per agenda.

Following transactions were carried out and noted by the Academic Council.

Item 18.1: Confirmation of minutes of XVIIth meeting & action taken report

The minutes and action taken report were presented by the member secretary. Hon. Chairman and members of Academic Council confirmed and approved the following minutes and action taken report of XVIIth meeting.

Agenda	Resolution	Action Taken
<p>Item 17.2: Proposal from Dean (Academic) UG</p> <p>17.2.1: Publication as a mandatory requirement for submission of M.E. dissertation</p> <p>In view of maintaining the quality of faculty/students publications, the publications only under SCI, Web of Science, Scopus, Indian</p>	<p>Resolution No. AC/ XVII/17.2.1</p> <p>The proposal to consider the proof of uploading paper to SCI, Web of Science, Scopus, Indian Citation Index journal or filing patent as a mandatory requirement for submission of dissertation for the PG students is approved. However if the dissertation work is in collaboration with</p>	<p>Resolution was placed before XIVth BOM .The resolution of BOM is placed before the academic council for information and necessary action.</p> <p>The minutes of XIIIth Board of</p>

<p>Citation Index need to be encouraged. These journal publications may take about one year and even more for publication. Therefore the proof of uploading paper to SCI, Web of Science, Scopus, Indian Citation Index journal or filing patent should be considered as a mandatory requirement for submission of dissertation. This requirement shall be implemented to the PG students admitted from academic year 2018-19. The student's publication may be linked to their dissertation grading so that they are motivated to publish or at least submit quality papers in such journals.</p>	<p>industry/organization/research agency, the uploading of paper/filing a patent shall not be mandatory but desirable. The proposal shall be implemented to the PG students admitted from academic year 2018-19. However the proposal for linking the publication to dissertation grading is not approved.</p>	<p>Management and action taken report are approved. However Resolution No. AC/XVII/17.2.1 of academic council is referred back for discussion on linking the publication to grading the PG dissertation. Hence the proposal is placed in the main agenda.</p>
<p>17.2.2: Question paper audit</p> <p>As per recommendation of examination committee, it is proposed that the question paper audit should be carried out by the concerned department with the help of experts from reputed institute. The comments of the committee should be circulated to the concerned faculty for improvement. This activity shall be carried out within one month after End Semester Examination.</p>	<p><u>Resolution No. AC/ XVII/17.2.2</u></p> <p>The proposal is approved. The comments of auditors shall be placed before BoS & communicated to the concerned faculty.</p>	<p>1) Civil Engineering & Applied Mechanics departments have carried out the question paper audit and the observations were placed before concerned BOS.</p> <p>2) Electrical & E & TC departments have completed the question paper audit and the comments are yet to be placed before BOS.</p> <p>3) Mechanical, IT & CSE departments are in the process of question paper audit.</p>
<p>17.2.3: Publication to be noted in Academic Council as per Resolution No. AC/XV/15.4.1</p>	<p><u>Resolution No. AC/ XVII/17.2.3</u></p> <p>Noted. Dr. Regulwar & his students are congratulated.</p>	<p>No action required.</p>
<p>17.2.4: Internship/Industrial Training for UG/PG students</p>	<p><u>Resolution No. AC/ XVII/17.2.4</u></p>	

<p>It is proposed to include Internship/Industrial Training of minimum one month after 4th or 6th semester for UG and after 2nd semester for PG. The Internship/Industrial Training will be Credit/Non Credit course. The presentation of Internship/Industrial Training will be in the subsequent semester.</p>	<p>Approved. The BoS are directed to incorporate the Internship/Industrial Training in suggestive path & syllabi.</p>	<p>Incorporated in all PG programs & is placed for approval in the main agenda.</p>
<p>17.2.5: Academic Schedule for the academic year 2017-18 IInd Semester</p>	<p><u>Resolution No. AC/ XVII/17.2.5</u> The corrected copy of academic schedule discussed during the meeting is approved.</p>	<p>Corrected schedule is circulated to all heads and is uploaded on website</p>
<p>17.2.6: Proposal for course completion and examination of Ms. Shilpa Pandurang More (BE06F03F013)</p>	<p><u>Resolution No. AC/ XVII/17.2.6</u> Approved.</p>	<p>Implemented.</p>
<p>17.2.7: Proposal for Self-Study professional elective as a credit course</p>	<p><u>Resolution No. AC/ XVII/17.2.7</u> The proposal is approved with modification in administering the course as below. It will be mandatory for the faculty member to facilitate the self study course through interaction & discussion during the allotted hours as per the time table. The modified structure incorporating the change is approved.</p>	<p>In process.</p>
<p>17.2.8: Proposal regarding course Fluid Mechanics</p> <p>Board of Studies (Mechanical Engineering) has suggested to change the course name as Fluid Mechanics and Hydraulic Machines instead of Fluid Mechanics. However, BoS (Electrical) has proposed to retain the same name Fluid Mechanics as given in AICTE model curriculum.</p>	<p><u>Resolution No. AC/ XVII/17.2.8</u></p> <p>Approved.</p>	<p>Implemented.</p>
<p>17.2.9: Proposed Structure and</p>	<p><u>Resolution No. AC/ XVII/17.2.9</u></p>	

Syllabus of SE, TE, BE, ME (EPS), ME (EMD)	The structure and syllabi are approved except BE syllabus which shall be placed in next academic council incorporating detailed syllabus of self study course.	Implemented.
17.2.10: Equivalence for UG Course for teaching purpose	<u>Resolution No. AC/ XVII/17.2.10</u> Approved.	Implemented.
17.2.11: Equivalence of Non OBE and OBE structure	<u>Resolution No. AC/ XVII/17.2.11</u> Approved.	Implemented.
17.2.12: Addition of new course under Humanities and Social Sciences Entrepreneurship Development course was approved under Humanities and social Sciences in XVth Academic Council. The same course is in Open Elective offered by Electrical Department in IIIrd semester and students are learning this course. Therefore a new course, Business Intelligence (Offered by IT Dept) is included under Humanities and social Sciences in place of Entrepreneurship Development course	<u>Resolution No. AC/ XVII/17.2.12</u> Approved.	Implemented.
17.2.13: Change in course structure for the course Computer Networks In 5th Semester, Computer Network course was offered under Professional Core. 1 credit for practical was approved in the structure. Now as per BoS recommendations, 1 credit of practical is replaced with Tutorial.	<u>Resolution No. AC/ XVII/17.2.13</u> The course structure of 2+1+1 is approved instead of the proposed 3+1+0 for the course Computer Networks.	Implemented.
17.2.14: Change in the course code & course title 1. The Courses Mobile Computing and Cloud Computing shifted from Professional Elective to	<u>Resolution No. AC/ XVII/17.2.14</u> 1. Approved.	Implemented.

<p>professional core. Also the courses Linux Operating Systems and Distributed system shifted from Professional Core to Professional Elective.</p> <p>2. Course IT 2001 Professional Ethics and cyber laws was offered by IT Department under Humanities and social Sciences as approved in XVth Academic Council. As this course is under Humanities and social Sciences, the course code is changed as HS 2003: Professional Ethics and cyber laws.</p> <p>3. Course IT 243 Digital Electronics from S.E. (IT) OBE structure was approved in academic council. But as per controller of examination records, the same course is IT 243 Digital Circuit and students have issued grade cards also. Therefore IT 243 Digital Electronics is to be renamed as IT 243 Digital Circuit.</p>	<p>2. Approved.</p> <p>3. The proposal is approved along with equivalence of the two titles of the course IT243.</p>	<p>Implemented.</p> <p>Implemented.</p>
<p>17.2.15: Approval of TE and BE (Mechanical) CBCS curriculum with COs-POs mapping and Recommended Course Structure and Assessment pattern of (Full time / Part-time program)</p>	<p><u>Resolution No. AC/ XVII/17.2.15</u> Approved.</p>	<p>Implemented.</p>
<p>17.2.16: Regarding modification in second year CBCS (Open Elective EVEN to</p>	<p><u>Resolution No. AC/ XVII/17.2.16</u> Approved.</p>	<p>Implemented.</p>

ODD)		
17.2.17: Equivalence of ME Production Full Time/Part Time (Old and New Syllabus)	<u>Resolution No. AC/ XVII/17.2.17</u> Approved.	Implemented.
17.2.18: Proposal to conduct Certification courses for Degree and Diploma students (Mechanical Engineering Department)	<u>Resolution No. AC/ XVII/17.2.18</u> Approved.	Course is planned.
17.2.19: Approval for syllabi of certification course	<u>Resolution No. AC/ XVII/17.2.19</u> Approved.	No action required.
17.2.20: Proposal for equivalence for BE (Mechanical) part time student Mr.Amol Saruk.	<u>Resolution No. AC/ XVII/17.2.20</u> Approved.	Implemented.
17.2.21: Proposal for approval of Teaching & Examination Scheme, Assessment Pattern, and Outcome based Curriculum for Third Year and Fourth year for under graduate program Full time for Computer Science and Engineering under choice based credit system (CBCS).	<u>Resolution No. AC/ XVII/17.2.21</u> Approved.	Implemented.
17.2.22: Equivalence for teaching purpose for Non CBCS courses with CBCS courses	<u>Resolution No. AC/ XVII/17.2.22</u> Approved.	Implemented.
17.2.23: Discussion and approval of core courses and professional elective courses at TE and BE level in CBCS pattern as per the approved suggestive path.	<u>Resolution No. AC/ XVII/17.2.23</u> Approved. The academic council suggested various BoS to consider awarding the UG degree with an option of Major/Hon./Minor based on the group of professional electives opted by a student.	No proposals received from BoS.
17.2.24: Approval of structure of PG in Structural Engineering (FT and PT), PG in Water Resources Engineering (FT) and PG Soil (PT) under CBCS pattern The institute is going to implement CBCS pattern for PG courses from 2018-19	<u>Resolution No. AC/ XVII/17.2.24</u> Approved.	Will be implemented from 2018-19 batch.

<p>onwards. The structure of PG in Structural Engineering (FT & PT), PG in Water Resources Engineering (FT) and PG in Soil (PT) is enclosed in Annexure -III, IV and V for discussion and approval.</p>		
<p>17.2.25: Approval of modified structure of ME-Soil Part Time for the existing batch of students</p> <p>The existing ME Soil PT curriculum structure is modified by introducing Environmental Studies similar to all existing PG courses and is placed for approval. The existing ME -Soil (PT) students shall undergo this structure. This structure will be followed till next revision as per CBCS pattern.</p>	<p><u>Resolution No. AC/ XVII/17.2.25</u> Approved.</p>	<p>Implemented.</p>
<p>17.2.26: Regarding conduction of refresher course for Civil engineering students</p> <p>It was suggested to conduct refresher/coaching sessions for the Civil engineering students in Basic Mechanical and Electrical Engineering so that it will help them in preparing for MPSC examinations. It is placed for approval.</p>	<p><u>Resolution No. AC/ XVII/17.2.26</u> Noted.</p>	<p>No action required.</p>
<p>Item 17.3: Proposal from Controller of Examinations 17.3.1: Award of grades for non CBCS student simultaneously admitted with CBCS students</p> <p>As per the resolution passed in XV th Academic Council (Refer AC/XV/15.2.4(a)) it was decided not to give equivalence for Non CBCS courses to CBCS Courses. In</p>	<p><u>Resolution No. AC/ XVII/17.3.1</u></p> <p>“A++” grade will be awarded to the students securing more than 80 % of marks by waving the criterion of awarding “A++” grade to 10 % or less number of students.</p> <p>The modified grading table approved is as below.</p>	<p>Implemented.</p>

<p>view this Non CBCS courses are running parallel to CBCS courses. But the number of students admitted for Non CBCS courses are very few due to which relative grading system cannot be practically applicable for these Non CBCS students. Hence absolute grading system is to be applied. The absolute grading system for these Non CBCS students is proposed.</p>	<p>Range of Marks</p>	<p>of</p>	<p>Grade</p>	<p>Grade Point</p>	
	81 - 100		A++	10.0	
	70 - 80		A+	9.0	
	60 - 69		A	8.0	
	55 - 59		B+	7.0	
	50 - 54		B	6.0	
	45 - 49		C+	5.0	
	40 - 44		C	4.0	
0 - 39		D	0		
<p>Item 17.4: Proposal from Dean (Students Activities) 17.4.1: Proposed mandatory courses for students in the institute</p> <p>The following mandatory courses are proposed for students in the institute at appropriate times as per suggested paths for various current CBCS programmes in the institute (subjected to availability of respective expert for teaching in 3rd, 4th, 5th & 6th Semesters of the various academic programmes):</p> <ol style="list-style-type: none"> i. SW2001 ACTING TALENT ii. SW2002 DANCE TALENT iii. SW2003 SINGING TALENT iv. SW2004 SOCIAL WORK TALENT v. SW2005 ADVERTIZING 	<p><u>Resolution No. AC/ XVII/17.4.1</u></p> <p>The modified proposal as discussed in the meeting along with syllabi is approved. Any one of the proposed courses shall be mandatory for a student to obtain the degree instead of all the courses being mandatory as proposed.</p>			<p>Implemented.</p>	

<p>vi. TALENT SW2006 ASTRONOMICAL TALENT</p> <p>vii. SW2007 PHOTOGRAPHY TALENT</p> <p>viii. SW2008 INDOOR SPORTS TALENT</p> <p>ix. SW2009 OUTDOOR SPORTS TALENT</p>		
<p>Item 17.5: Any other item with the permission of chair</p> <p>17.5.1: Re-registration in the course of detained students</p> <p>If a student is detained in a course in CBCS, he has to re-register for that course as & when offered in the institute as per Rule 7.3 of CBCS Rules & Regulation approved in XIV the academic council held on 27/7/2016. At present full fees is taken from the detained students in Non-CBCS pattern for admission. For CBCS student, for re-registration for a course, fees proportionate to number of courses may be taken. Academic council is requested to give guideline in this regard.</p>	<p>For re-registration a charge of Rs. 2000/- per credit of a course is approved. For e.g. for a 3 credit course, student has to pay Rs. 6000/- as a registration fees.</p>	<p>Implemented.</p>
<p>17.5.2: Remuneration rates of examination cell</p> <p>Issue raised by Prof. R. P. Chaudhari regarding rates of remuneration of examination cell</p>	<p>The proposal of remuneration rates of examination cell to be placed before next academic council.</p>	<p>Remuneration reforms committee requested for extension in period for submission of the aforesaid proposal. Existing rates are placed. (Annexure 1 & 2)</p>

Minutes of Meeting and Action Taken Report are approved. Hon. Mr. Vaidya insisted that question paper audit should be completed within stipulated time so that improvement can be incorporated in the subsequent examinations. The chairman suggested Dean Academics to place a proposal to amend the rules so as to incorporate the provision of Major/Minor/Hon. degree.

Agenda	Resolution
<p><u>Item-18.2: Proposals from Dean (Academics)</u></p> <p><u>Item 18.2.1: Implementation of AICTE model structure and curriculum for UG and PG courses</u></p> <p>AICTE has given guidelines for implementation of model structure and curriculum for UG and PG courses from academic year 2018-19. Accordingly the matter is discussed in the heads of the department meeting. The Choice based credit system (CBCS) is implemented in the institute for UG from the academic year 2016-17. Also we are running Non-CBCS courses too. In view of this, when first batch of CBCS completes its course, the new AICTE model structure and curriculum for UG courses will be implemented. Therefore it is decided in the meeting that the new AICTE model structure and curriculum for UG courses will be implemented from the academic year 2020-2021.</p> <p>Three weeks induction training programme for the first year students will be started as per new AICTE model structure and curriculum for UG from the date of commencement of FE classes as provided by DTE from academic year 2018-19.</p> <p>Six to eight weeks summer training programme will be included in the structure of SE and TE classes and it will be implemented from academic year 2018-19. The curriculum structure of PG programmes (CBCS) were approved in XVII Academic council. The syllabus and modified curriculum of few programmes is kept for approval in XVIII Academic council. The AICTE model structure and curriculum for</p>	<p><u>Resolution No. AC/ XVIII/18.2.1</u></p> <p>Approved.</p> <p>The industrial internship shall be coordinated by concerned department in consultation with Training & Placement Cell & Dean IIIA.</p>

<p>PG courses will be implemented from 2018-19. For this, there will be minor modifications in the structure. Such modified structure as per AICTE model structure and curriculum for PG courses will be kept for approval in next academic council which will be scheduled in last week of July 2018. The academic council is requested to discuss and approve.</p>	
<p><u>Item 18.2.2: Eligibility for branch change</u></p> <p>After completion of first year, the student has the facility of branch change in the second year. As the FE structure is not common in our institute, the students will be eligible for branch change if their pre-requisite of the new branch is completed in the first year. To make branch change facility to all students, the student can complete the pre-requisite course through NPTEL/MOOCKS/SWAYAM with the permission of head of the department.</p>	<p><u>Resolution No. AC/ XVIII/18.2.2</u></p> <p>Approved.</p>
<p><u>Item 18.2.3: Re-Class test for CBCS students</u></p> <p>In the CBCS rules and regulations, the Re-class test facility was not given. As discussed in the heads of the department meeting, the re-class test will be conducted for exceptional cases only. Head of the department will take a decision based on recommendation of course coordinator and for genuine cases only. e.g. representation of the institute for curricular, co-curricular and extracurricular competitions at university or above level, National level entrance test like GATE/CAT etc.</p>	<p><u>Resolution No. AC/ XVIII/18.2.3</u></p> <p>Approved.</p>
<p><u>Item 18.2.4: Publication as a mandatory requirement for submission of M.E. dissertation (Resolution No. BOM XIV/14.1)</u></p> <p>As per Resolution No. BOM XIV/14.1, dated 27-4-2018, the academic council <u>Resolution No. AC/ XVII/17.2.1</u> is referred back for discussion on linking the publication to grading the PG dissertation <i>The proposal of Publication as a mandatory requirement for submission of M.E. dissertation was kept in XVII academic</i></p>	<p><u>Resolution No. AC/ XVIII/18.2.4</u></p> <p>It is resolved to form a committee for proposing dissertation evaluation system that incorporates motivation/incentive to the students with publications in SCI, Web of Science, Scopus, Indian Citation Index journals. The chairman shall form the committee.</p>

<p>council for its approval. The proposal was: <i>In view of maintaining the quality of faculty/students publications, the publications only under SCI, Web of Science, Scopus, Indian Citation Index need to be encouraged. These journal publications may take about one year and even more for publication. Therefore the proof of uploading paper to SCI, Web of Science, Scopus, Indian Citation Index journal or filing patent should be considered as a mandatory requirement for submission of dissertation. This requirement shall be implemented to the PG students admitted from academic year 2018-19. The student's publication may be linked to their dissertation grading so that they are motivated to publish or at least submit quality papers in such journals.</i></p> <p>The resolution of academic council was: <u>Resolution No. AC/ XVII/17.2.1</u> <i>The proposal to consider the proof of uploading paper to SCI, Web of Science, Scopus, Indian Citation Index journal or filing patent as a mandatory requirement for submission of dissertation for the PG students is approved. However if the dissertation work is in collaboration with industry/organization/research agency, the uploading of paper/filing a patent shall not be mandatory but desirable. The proposal shall be implemented to the PG students admitted from academic year 2018-19. However the proposal for linking the publication to dissertation grading is not approved.</i> The academic council is requested to discuss and approve.</p>	
<p><u>Proposal from Civil Engineering Department</u> <u>Item 18.2.5: Approval of PG (CBCS) curriculum of ME- Structural Engineering (Full Time & Part Time), to be implemented from academic year 2018-19</u></p>	<p><u>Resolution No. AC/ XVIII/18.2.5</u> Approved.</p>
<p><u>Item 18.2.6: Approval of PG (CBCS) curriculum of ME- Water Resources Engineering (Full Time) to be implemented from academic year 2018-19</u></p>	<p><u>Resolution No. AC/ XVIII/18.2.6</u> Approved.</p>
<p><u>Item 18.2.7: Approval of PG (CBCS)</u></p>	<p><u>Resolution No. AC/ XVIII/18.2.7</u></p>

<u>curriculum of ME-Soil Engineering (Part Time) to be implemented from academic year 2018-19</u>	Approved.
<u>Item 18.2.8: List of Subjects in T.E.- Civil Engineering Non-CBCS Pattern Requiring Additional Coaching from Regular CBCS Classes</u>	<u>Resolution No. AC/ XVIII/18.2.8</u> Approved.
<u>Item 18.2.9: Proposal of Ms. Savita Mankar ME (Structural Engg-PT) regarding old and OBE equivalence</u>	<u>Resolution No. AC/ XVIII/18.2.9</u> Approved.
<u>Proposals of CSE Department</u> <u>Item 18.2.10: Approval of ME CSE structure and Syllabus for PG courses.</u>	<u>Resolution No. AC/ XVIII/18.2.10</u> Approved.
<u>Item 18.2.11: Addition of Suggestive List of Experiments in CS2011: Engineering Science (Open Source Software Technology).</u>	<u>Resolution No. AC/ XVIII/18.2.11-18.2.13</u> Approved with the following suggestions. -The word 'Suggestive' to be removed from the title of list of experiments. -The list of experiments should start with words like perform/conduct instead of study.
<u>Item 18.2.12: Addition of Suggestive List of Experiments in CS3017: Lab: Data Science</u>	
<u>Item 18.2.13: Addition of Suggestive List of Experiments in CS4017: Lab Artificial Intelligence, CS4024: Lab Computer Vision, CS4027: Lab Information Retrieval.</u>	
<u>Item 18.2.14: For attending classes of Non CBCS courses in CBCS for TE CSE.</u>	<u>Resolution No. AC/ XVIII/18.2.14</u> Approved.
<u>Proposals of MCA Department</u> <u>Item 18.2.15: Approval of SY MCA structure and Syllabus for PG courses.</u>	<u>Resolution No. AC/ XVIII/18.2.15</u> Approved.
<u>Item 18.2.16: Approval of TY MCA structure and Syllabus for PG courses.</u>	<u>Resolution No. AC/ XVIII/18.2.16</u>
<u>Proposals of IT Department</u> <u>Item 18.2.17: Inclusion of Business intelligence course in place of Entrepreneurship Development Programme (EDP) course under</u>	<u>Resolution No. AC/ XVIII/18.2.17</u> Approved.

<p><u>Humanities and Social Sciences.</u></p> <p>Department of IT has included Entrepreneurship Development Programme (EDP) course under Humanities and Social Sciences. But the same course is offered by Electrical Engineering Department. Therefore the course Business Intelligence is introduced under Humanities and Social Sciences in place of Entrepreneurship Development Programme (EDP). The detail curriculum of Business intelligence is put for approval.</p>	
<p><u>Item 18.2.18: Regarding the course Computer and Network Security.</u></p> <p>Due to typing mistake in BEIT Course structure, the title of the course IT4064 Cryptography and Network Security was written as IT4064 Computer and Network Security. The change in the course title in BEIT structure for IT4064 is kept for approval</p>	<p><u>Resolution No. AC/ XVIII/18.2.18</u></p> <p>Approved.</p>
<p><u>Item 18.2.19: Suggestive Path with Internship/Industrial Training.</u></p>	<p><u>Resolution No. AC/ XVIII/18.2.19</u></p> <p>Approved.</p>
<p><u>Item 18.2.20: SEIT structure with Internship/Industrial Training.</u></p>	<p><u>Resolution No. AC/ XVIII/18.2.20</u></p> <p>Approved.</p>
<p><u>Item 18.2.21: TEIT structure with Internship/Industrial Training.</u></p>	<p><u>Resolution No. AC/ XVIII/18.2.21</u></p> <p>Approved.</p>
<p><u>Proposals of E & TC Department</u></p> <p><u>Item 18.2.22: Approval of Professional Electives for choice-based curriculum with credit distribution of 3+0+1 and change of course codes.</u></p> <p>It is proposed that all the professional electives will have credit distribution of 3+0+1(T+T+P). Updated curriculum of Professional Elective courses (Annexure A) is proposed to academic council for approval. Since</p>	<p><u>Resolution No. AC/ XVIII/18.2.22</u></p> <p>Approved.</p>

<p>Laboratory courses were introduced change of course codes are submitted for approval.</p>	
<p><u>Item 18.2.23: Approval for updating of core courses for Choice based curriculum</u></p> <p>Updating of some of the Professional Core courses was discussed in Board of Studies and contents of some of core courses were updated and approved. Updated curriculum of some Professional core courses (Annexure B) is proposed to academic council for approval.</p>	<p><u>Resolution No. AC/ XVIII/18.2.23</u></p> <p>Approved.</p>
<p><u>Item 18.2.24: Proposal of new course Engineering Exploration(Annexure C) submitted by Mr. Kurundkar, NETRA(National ESDM Technology Research Academy) an initiative of IESA(India Electronics and Semiconductor Association) & ESSCI (Electronics Sector Skill Council of India.) for first year semester II</u></p> <p>1. Department is proposing this course to be added as a course in Engineering Sciences category.</p> <p>2. Board of Studies Members(BoS) of Electronics and Telecommunication Engineering discussed and agreed to the course. Members also appreciated course contents that focusses on problem solving, engineering design, multidisciplinary skills, Ethics and sustainability. Problem based learning pedagogy of the course enables student work in teams to solve identified problems.</p> <p>3. In order to increase interest of budding engineers, Electronics Engineering Department proposes the course Engineering Exploration (Annexure C) to be offered in present CBCS structure as an option or compulsory course for already introduced subject Biology in First Year Curriculum with credit of 3(FE Sem- II) along with MC (03 Hrs). The course can be offered as practical based learning under PBL pedagogy. Number of contact hours will be 60. (Theory and practical sessions).</p> <p>4. Academic evaluation will be similar to</p>	<p><u>Resolution No. AC/ XVIII/18.2.24</u></p> <p>Approved. Dean Academic proposed that this course on Engineering Exploration should be incorporated to all branches in place of the course Biology at first year level. The proposal of Dean Academics is approved.</p>

<p>evaluation of the course Biology and financial modalities can be worked out with an Industry expert Team NETRA headed by Mr. Vishwas Kurundkar (Pune) with suitable MoU.</p> <p>5. BoS members suggested that such type of course or courses can be introduced with more and more industry participation at first and second year level to develop industry institute interaction.</p>	
<p><u>Item 18.2.25: Approval for updating of PG curriculum</u></p> <p>Updated curriculum of Professional Elective courses (Annexure D) is proposed to academic council for approval.</p>	<p><u>Resolution No. AC/ XVIII/18.2.25</u></p> <p>Approved with modified syllabus of the course ET 51303, Big Data Analysis.</p>
<p><u>Item 18.2.26: Approval of Methodology and attainment level for calculation of Course Outcomes and Program Outcomes attainment and Finalizing Program Specific Outcomes.</u></p> <p>As per requirement of NBA, Board of studies have approved Methodology and attainment level for calculation of Course Outcomes and Program Outcomes attainment and Finalizing. (Annexure E). The methodology and Program Specific Outcomes are submitted to academic council for approval.</p>	<p><u>Resolution No. AC/ XVIII/18.2.26</u></p> <p>Approved .The chairman suggested that similar exercise may be carried out by all the BOS. The BOS E&TC chairman is requested to share the information to all BOS chairman.</p>
<p><u>Item 18.2.27: Proposal for approval of specific Online courses, its equivalence in suggestive path and Evaluation modalities and transfer of credit modalities for discussion and approval.</u></p> <p>Board of studies have approved the two courses to be offered as Online courses namely Cloud Computing and Android Development and Programming as professional electives. Evaluation modalities will be similar to evaluation of professional elective course. Course coordinator will monitor evaluation of Teachers Assessment, Test – I and Test – II ESE and lab course. (Annexure F). Specific online courses and evaluation modalities are submitted for</p>	<p><u>Resolution No. AC/ XVIII/18.2.27</u></p> <p>Approved.</p>

<p>approval</p> <p><u>Item 18.2.28: Proposal of sending students for internship</u></p> <p>It is proposed that students will compulsorily go for internship for six weeks in an industry at the end of Sixth semester. Training and Placement cell will arrange for student's internship. Students will have option to go for industrial training during summer and Winter vacations at the end of each semester.</p>	<p><u>Resolution No. AC/ XVIII/18.2.28</u></p> <p>Approved with corrections as in <u>Resolution No. AC/ XVIII/18.2.1</u></p>
<p><u>Item 18.3: Any other item with the permission of chair</u></p> <p><u>Item 18.3.1: Introducing maximum 3 months internship programme in our institute for PG students of other institutes as an outreach activity</u></p> <p>Our institute is running 6 undergraduate programmes and 10 post graduate programmes. The Institute is functioning as an autonomous Institute affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad from academic year 2006-07. The institute is having Ph.D. research centre of the affiliating university in Civil Engineering, Mechanical Engineering, Electrical Engineering and Electronics Engineering. With the funding support from Govt. of Maharashtra, World Bank assisted TEQIP-I, TEQIP-II, TEQIP-III Program, UGC, AICTE etc., laboratories are equipped with modern equipments and machinery. Keeping in view of academic and faculty developments in the institute, it is proposed to start internship of maximum 3 months duration (in vacation or in 2nd year) in the institute for post graduate students. It is also proposed to accept the intern by the respective guide/supervisor as per his willingness. The academic facilities available in the department and expertise of the faculties will be made available to the outside students for internship. The intern may do the literature review of the research topic under the guidance of guide/supervisor during internship. The facility of internship for</p>	<p><u>Resolution No. AC/ XVIII/18.3.1</u></p> <p>Approved.</p>

<p>outside students will enhance the image of our institute. The other benefit to the faculties and institute may be in the form of publications. The proposal is submitted for approval of academic council.</p>	
<p><u>Item 18.3.2: Academic Schedule for FE Undergraduate Program 2018-2019 Choice Based Credit System</u></p>	<p><u>Resolution No. AC/ XVIII/18.3.2-18.3.4</u></p>
<p><u>Item 18.3.3: Academic Schedule for ME-Ist Year & MCA-Ist Year PG Program 2018-2019</u></p>	<p>Approved. Hon. Mr. Vaidya suggested to formulate a perpetual academic calendar indicating week/s instead of dates & put it before the academic council for approval so that the academic calendar need not be placed before the academic council every time.</p>
<p><u>Item 18.3.4: Academic Schedule for SE, TE, BE, ME-II, MCA-II & MCA-III 2018-2019</u></p>	
<p><u>Proposals of Mechanical Engineering Department</u> <u>Item 18.3.5a: ME Production Engineering (Full Time) CBCS, Curriculum with CoS-PoS mapping and Recommended Assessment Pattern for Approval of Hon. Academic Council. (Annex-I.A, Annex-I.B enclosed)</u></p>	<p><u>Resolution No. AC/ XVIII/18.3.5a</u></p> <p>Approved.</p>
<p><u>Item 18.3.5b: Post Facto Approval of S.E. Mechanical Engineering, Course-(ME 2012) Strength of Material CBCS, Syllabus of Mechanical Engineering Department. (Annex-II.A Annex II.B enclosed)</u></p> <p>As course co-ordinator Dr. R. S. Londhe has raise a point at the starting of semester that the previous approved teaching scheme of S. E. Mechanical Engg. Subject SOM (ME 2012) has the number of teaching hours (2) and no. of credits (2) are disproportionate with the content of syllabus. Hence the course co-ordinator has advised to reduce the no. of units as per proportionality of credits and submitted a new Syllabi of SOM as per Sanctioned Teachingg Scheme. Hence in Mechanical Engineering Faculty meeting, the syllabi suggested by course co-ordinator Dr. R. S. Londhe for the subject SOM (ME</p>	<p><u>Resolution No. AC/ XVIII/18.3.5b</u></p> <p>Approved.</p>

<p>2012) was reviewed and changed as per proportion of credits. The Revised Syllabi is approved by the Hon. Chairman of Academic Council before execution. The IV BoS of Mechanical Engineering Approved the revised syllabus and forwarded for “Post Facto Approval of Hon. Academic Council”</p>	
<p><u>Item 18.3.5c: TE, BE CBCS structure and syllabus of Mechanical Engineering with minor changes as per AICTE norms for approval Hon. Academic Council. (Annex-III.A, Annex-III.B Annex-III.C enclosed)</u></p> <p>TE and BE CBCS structure and syllabus of Mechanical Engineering with minor changes like as Industrial Internship, 6 to 8 weeks as per AICTE norms and suggestions given by industrial experts of BoS.</p> <p>As previous teaching scheme of B. E. Mechanical Engineering, sanctioned in previous Academic Council, the course “Industrial Internship” (ME 4004) was professional Elective-V. But now as per AICTE norms it is Mandatory course so it is removed from professional Elective-V and some of electives of Professional Elective-VIth are shifted to “Professional Elective-V” as per suggestive path, with the discussion of Industrial Expert and Dean Academic Council. Hence accordingly Subject Course Code has been changed in the structure and syllabus of B. E. Mechanical Engineering (CBCS) and the Structure is approved by BoS of Mechanical Engineering and submitted for approval of Hon. Academic Council.</p>	<p><u>Resolution No. AC/ XVIII/18.3.5c</u></p> <p>Approved.</p>

During the deliberations of the meeting following points are noted by the academic council.

Dr. Satish Patil emphasized that by showing the answer books to the students, the administrative load of revaluation will substantially reduce & will help in expediting the process of result declaration.

Dr. B. N. Chaudhary suggested that to orient the existing curriculum as per the AICTE model curriculum, the requirement of fulfillment of 176 credits may be curtailed to 164 & those who earns 176 credits may be awarded with Major/Hons. degree. He also suggested to decide the

range of marks defining the grades for a particular course in a departmental faculty meeting rather than individual faculty.

The academic council congratulated team Aryans for representing the institution in International SAE BAJA competition held at Washougal, Portland Oregon State, USA & securing 30th position amongst 144 teams from all over the world.

The meeting ended with vote of thanks by Dr. A. A. Bhole, Registrar (Academic).



Dr. A. A. Bhole
Member Secretary
Academic Council
Government College of Engineering
Aurangabad



Dr. P. B. Murnal
Chairman
Academic Council
Government College of Engineering
Aurangabad

