

"In Pursuit of Global Competitiveness"



GOVERNMENT COLLEGE OF ENGINEERING AURANGABAD
Station Road, Osmanpura, Aurangabad - 431 005 (Maharashtra State), INDIA

(An Autonomous Institute of Government of Maharashtra)

☎ (0240) 2366101, 2366110, 2366111

Fax – (0240) 2332835

E-Mail – principalgeca@yahoo.com

<http://www.geca.ac.in>

GECA/REG. ACAD/XXAC/2019/ 3011

Date: 13 SEP 2019

Minutes of Meeting of XXth Academic Council

Date: 26th August 2019 **Time:** 11.30 a.m.

Venue: Electrical 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: XXth Meeting of Academic Council, dated 26/08/2019

The meeting of the Academic Council was scheduled on 26/08/2019. It was held at Electrical Seminar Hall, Government College of Engineering, Aurangabad at 11.30 a.m. Hon. Chairman, members and invitees of Academic Council as below attended the meeting.

Sr.	Name	Designation in AC
1.	Principal	Chairman
2.	Head Civil Engineering	Member
3.	Head Mechanical Engineering	Member
4.	Head Applied Mechanics	Member
5.	Head Electrical Engineering	Member
6.	Head Electronics & Telecommunication	Member
7.	Head Computer Science & Engineering	Member
8.	Head MCA	Member
9.	Head Information Technology	Member
10.	Head Chemistry	Member
11.	Head Physics	Member
12.	Head Mathematics	Member
13.	Dean Human Resources	Member
14.	Dean Research & Development	Member
15.	Dean Quality Assurance	Member
16.	Dean Student Activities	Member
17.	Dean Industry Institute Interaction & Alumni	Member
18.	TEQIP Coordinator	Member
19.	Controller of Examinations	Member
20.	Prof. S. R. Hirekhan	Member (Representative of teaching staff)
21.	Dr. P. C. Shetiye	Member (Representative of teaching staff)
22.	Dr. S. M. Kabra	Member (Representative of

		teaching staff)
23.	Dr. R. N. Ladhwe	Member (Representative of teaching staff)
24.	Mr. Mukund Kulkarni, Expert Global Solutions Pvt. Ltd. Aurangabad	Member (University Nominee)
25.	Dr. K. M. Jadhav, Department of Physics, Dr. BAMU, Aurangabad	Member (University Nominee)
26.	Prof. Y. K. Joshi, HOD, Computer Science Engineering	Invitee, Ujjain College of Engineering, Ujjain
27.	Dr. Raghvendra Singh	Invitee, Ujjain College of Engineering, Ujjain
28.	Prof. S. P. Atipamalu	Invitee Member
29.	Prof. A. N. Ghule	Invitee Member
30.	Dr. A. A. Bhole, Registrar (Academics)	Member Secretary

Leave of absence was granted to following members.

01	Dean Infrastructure	Member
02	Dr. P. S. Wakte, Prof. & Head, Dept. of Chemical Technology, Dr. BAMU, Aurangabad	Member (University Nominee)
03	Dr. Sunil Punjabi, Dean Academics	Invitee, Ujjain College of Engineering, Ujjain
04	Dr. A. S. Khan, HOD, Civil Engineering	Invitee, Ujjain College of Engineering, Ujjain
05	Dr. M. K. Gupta, HOD, Mechanical Engineering	Invitee, Ujjain College of Engineering, Ujjain
06	Dr. Neha Sharma, HOD, Electronics and Communication Engineering	Invitee, Ujjain College of Engineering, Ujjain
07	Dr. Vijay Hinge, HOD, Physics	Invitee, Ujjain College of Engineering, Ujjain
09	Dr. A. K. Mishra, HOD, Chemistry	Invitee, Ujjain College of Engineering, Ujjain
10	Prof. Deepti Sharma, HOD, Mathematics	Invitee, Ujjain College of Engineering, Ujjain
11	Dr. A. K. Dwivedi, HOD, Chemical Engineering	Invitee, Ujjain College of Engineering, Ujjain
12	Dr. B. L. Gupta. HOD, Electrical Engineering	Invitee, Ujjain College of Engineering, Ujjain

Following members were absent.

01	Head Workshop	Member
02	Prof. V. A. Chakkerwar	Invitee 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 20.1: Confirmation of minutes of XIXth 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 XIXth meeting.

Agenda	Resolution	Action Taken
<p><u>Item 19.2.1: Modification in condonation rule for M.E. students</u></p> <p>As per condonation rule approved in academic council 2014, If a candidate fails in only one head of passing, the deficiency of marks in such heads of passing may be condoned by 10% of the total marks of that head of passing in which he/she fails.</p> <p>The M.E. students are permitted to submit the dissertation-II after passing all heads of passing up to semester-III. As per present condonation rule, condonation can be applied to second year M.E. students after submission and examination of dissertation-II. But the present rule does not permit the students to submit dissertation-II who have failed for a course in semester-III and condonation cannot be applied.</p> <p>It is proposed to permit submission and examination of dissertation-II even if the student have failed in one head of passing in semester-III so that the condonation can be applied at the end of second year, if applicable.</p>	<p><u>Resolution No. AC/ XIX/19.2.1</u></p> <p>Approved.</p>	<p>Implemented.</p>
<p><u>Item 19.2.2: To start open house after end semester examination result</u></p> <p>In the present examination system, after the result declaration, within one week, the students have facility to apply for re-checking. To make the evaluation system transparent and avoid the re-checking, it is proposed to schedule open house for the courses in which the assessed answer books of end semester examination will be shown to the students. The corrections in assessment, if any, can be made in the</p>	<p><u>Resolution No. AC/ XIX/19.2.2</u></p> <p>The proposal of conducting open houses is approved. The open house shall be conducted for all the courses of an examination in presence of all the assessors. In case of disagreement between the student and assessor, the student shall appeal his/her</p>	<p>Implemented.</p>

<p>answer books by the assessor. With this, the re-checking will be avoided. Therefore it is proposed to cancel the re-checking facility by incorporating open house for the courses. The academic council is requested to approve this proposal.</p>	<p>grievance in writing to Departmental Academic Appeals Board (DAAB) of the concerned department. The decision of the DAAB shall be final and binding on the student. In case of any pressure/insistence on the assessor by the student to protect the assessor suitable mechanism shall be devised.</p>	
<p><u>Item 19.2.3: F.E. structure including ET 1099: Engineering Explorations course</u></p> <p>The modified structure of FE in which BS 1005: Biology is replaced with ET 1099: Engineering Explorations is attached along with curriculum of ET 1099: Engineering Explorations for approval</p>	<p><u>Resolution No. AC/ XIX/19.2.3</u></p> <p>Approved.</p>	<p>Implemented.</p>
<p><u>Item 19.2.4: Structure of post graduate programmes as per AICTE guidelines and curriculum of Mini project with seminar</u></p>	<p><u>Resolution No. AC/ XIX/19.2.4</u></p> <p>Approved with suggestion in the title of mini project with seminar as mini project.</p>	<p>Implemented.</p>
<p><u>Item 19.2.5: Dissertation Evaluation System</u></p> <p>Following proposal is recommended by the dissertation evaluation committee. The evaluation of the dissertation at different stages shall be as per the rubrics attached herewith. However, if the candidate has publication in SCI, Web of Science, Scopus, Indian Citation Journal based on dissertation work to his credit, he should be given the highest grade.</p>	<p><u>Resolution No. AC/ XIX/19.2.5</u></p> <p>The rubrics of evaluation of dissertation are approved. Further in case of the candidate having a publication in SCI, web of science based on dissertation work, due credit and consideration shall be given during evaluation.</p>	<p>Implemented.</p>
<p><u>Item 19.2.6: Academic schedule for approval</u></p>	<p><u>Resolution No. AC/ XIX/19.2.6</u></p> <p>Approved with suggestion that instead of semester I and semester II, the calendar should be odd semester, even</p>	<p>Implemented.</p>

	semester.	
<u>Item 19.2.7: Approval for Audit courses for PG programmes</u>	<u>Resolution No. AC/ XIX/19.2.7</u> Approved.	Implemented.
<u>Item 19.2.8: Curriculum of Mini Project with Seminar</u>	<u>Resolution No. AC/ XIX/19.2.8</u> Approved.	Implemented.
<u>Item 19.2.9: Modified curriculum structure of PG-Structural Engineering (FT and PT) as per AICTE model curriculum</u>	<u>Resolution No. AC/ XIX/19.2.9</u> Approved.	Implemented.
<u>Item 19.2.10: Modified curriculum structure of PG-Water Resources Engineering (FT) as per AICTE model curriculum</u>	<u>Resolution No. AC/ XIX/19.2.10</u> Approved.	Implemented.
<u>Item 19.2.11: Modified structure and syllabus of ME (EPS) Full Time (Annexure - I)</u>	<u>Resolution No. AC/ XIX/19.2.11</u> Approved.	Implemented.
<u>Item 19.2.12: Modified structure and syllabus of ME (EMD) Full Time (Annexure - II)</u>	<u>Resolution No. AC/ XIX/19.2.12</u> Approved.	Implemented.
<u>Item 19.2.13: Modified structure of ME (EPS) Part Time (Annexure - III)</u>	<u>Resolution No. AC/ XIX/19.2.13</u> Approved.	Implemented.
<u>Item 19.2.14: Structure and syllabus of BE (EEP) Full Time (Annexure - IV)</u>	<u>Resolution No. AC/ XIX/19.2.14</u> Approved.	Implemented.
<u>Item 19.2.15: Structure of BE (EEP) Part Time (Annexure - V)</u>	<u>Resolution No. AC/ XIX/19.2.15</u> Approved.	Implemented.
<u>Item 19.2.16: Modified suggestive study path of UG Full Time (Annexure - VI)</u>	<u>Resolution No. AC/ XIX/19.2.16</u>	Implemented.

	Approved.	
<u>Item 19.2.17: Suggestive study path of ME (EPS) Full Time (Annexure - VII)</u>	<u>Resolution No. AC/ XIX/19.2.17</u> Approved.	Implemented.
<u>Item 19.2.18: Suggestive study path of ME (EMD) Full Time (Annexure - VIII)</u>	<u>Resolution No. AC/ XIX/19.2.18</u> Approved.	Implemented.
<u>Item 19.2.19: Proposal for approval of Teaching & Examination Scheme, Curriculum for Master of Engineering (Computer Science and Engineering) under choice based credit system (CBCS).</u>	<u>Resolution No. AC/ XIX/19.2.19</u> Approved.	Implemented.
<u>Item 19.2.20: Proposal for approval giving list of subjects in old curriculum (Non-CBCS) for which students can undertake teaching as per the CBCS curriculum of MCA for study purpose only.</u>	<u>Resolution No. AC/ XIX/19.2.20</u> Approved.	Implemented.
<u>Item 19.2.21: Approval of Structure of M.E. (Production Engineering) post graduate Full time program and ME (Production Management) post graduate Part time program of Mechanical Engineering Department (Annexure 1 & 2).</u>	<u>Resolution No. AC/ XIX/19.2.21</u> Approved.	Implemented.
<u>Item 19.2.22: Approval of M.E. (Production Engineering): Full Time and ME (Production Management): Part Time Curriculum with COs-POs mapping and recommended Assessment Pattern of post graduate program of Mechanical Engineering Department (Annexure 3 & 4).</u>	<u>Resolution No. AC/ XIX/19.2.22</u> Approved.	Implemented.
<u>Item 19.3: Any other Item with the permission of chair.</u> Proposal from Dr. Satish Patil <u>Item 19.3.1: It is suggested to restrict the level of plagiarism for PG dissertation to 10% instead of present 20%.</u>	<u>Resolution No. AC/ XIX/19.3.1</u>	Implemented.

<p><u>Item 19.3.2: The academic audit for all the departments/programmes shall be carried by a committee incorporating external experts every year.</u></p>	<p><u>Resolution No. AC/ XIX/19.3.2</u></p> <p>Approved. The format & mechanism of academic audit shall be formulated by dean in consultation with BOS chairperson/Head of departments.</p>	<p>Format is finalized & academic audit is scheduled in the month of Septembert.</p>
<p><u>Proposal from BoS chairman Electronics Engineering</u></p> <p><u>Item 19.3.3:</u> The college is running full time postgraduate courses since last several years. These courses are sanctioned by Govt. of Maharashtra on self-supporting basis. There are no sanctioned posts for these courses. Therefore the academic was conducted on remunerative basis. After the grant of autonomy and as per new education policy the colleges are to be made self-sustaining on the basis of total recovery of cost of education. Also NBA considered all teachers at par for UG and PG courses. Hence it is proposed that the academic load of the teacher shall be computed including PG and UG load and extra remuneration shall be paid only for the part of extra load as per prevalent norms. It will reduce the burden on individual teachers and shall increase scope for appointment of Adjunct faculty and visiting faculty. The members of the Academic council to grant approval for the same.</p>	<p><u>Resolution No. AC/ XIX/19.3.3</u></p> <p>Proposal from BOS chairman Electronics is approved. In this regard following suggestions were made by Dr. Satish Patil. The academic load of faculty in regard of seminar & dissertation shall be one hour & two hour respectively, irrespective of the number of candidates guided.</p>	<p>Implemented.</p>
<p><u>Item 19.3.4: Proposal for renaming of existing degree</u> <u>1. Bachelor of Engineering to Bachelor of Technology</u> <u>2. Master of Engineering to Master of Technology</u></p> <p>Universities those offer other degrees along with engineering named their</p>	<p><u>Resolution No. AC/ XIX/19.3.4</u></p> <p>The proposal of change in</p>	<p>As it has been resolved to</p>

<p>engineering degree as B.E. (Bachelor of Engineering) and Institute constituted for only Engineering studies named their degree as B.Tech. (Bachelor of Technology). Similarly M.E. (Master of engineering to Master of Technology. Now as AICTE approve courses most of the courses are same and identical for B.E. and B.Tech. The universities those offering B.E. and M. E. when started new courses named them to B.Tech. and M.Tech. too. Further, in many Universities that got converted to Technology Institutes or autonomous institutes, the B.E. degree has changed to B.Tech. and M.E. to M.Tech.</p> <p>As per UGC Guidelines for a Autonomous colleges section 8 general matters read as “ An autonomous college may rename an existing course after restructuring/redesigning with the approval of Academic council as per UGC norms”</p> <p>Hence proposal is submitted for change of degree from Bachelor of Engineering to Bachelor of Technology and Master of Engineering to Master of Technology</p>	<p>nomenclature of degree from B.E. to B.Tech. & M.E. to M.Tech. is approved. The change shall be applicable to the batch of students admitted from 2018-19 onwards. All the BOS are directed to submit the equivalence of B.E. & B.Tech. and M.E. & M.Tech. programme & place before the next academic council. The decision of the academic council in this regard along with the details of the proposal shall be submitted to the university for information by the Registrar Academic.</p>	<p>change the name of degree keeping total number of credits & overall structure same, B.E. (CBCS) to B.Tech. is equivalent. The proposal is sent to University, AICTE, UGC & DTE.</p>
<p><u>Proposal from Dean Academics</u> <u>Item 19.3.5: Improvement in class obtained at undergraduate examination</u></p> <p>In present examination rule, the improvement in class is offered for B.E. final year End Semester Examination only. This rule was framed considering lowering of one grade in Re-examination. Now the grades are not lowered even if student appears for Re-Examination. Therefore it is proposed to permit the student to appear for Re-examination for the purpose of improvement in class and the improvement in class will be offered for B.E. final year End Semester Examination and Re-Examination</p>	<p><u>Resolution No. AC/ XIX/19.3.5</u></p> <p>Approved.</p>	<p>Implemented.</p>

<p><u>Item 19.3.6:</u> <u>Proposal from Controller of Examinations</u></p>	<p><u>Resolution No. AC/ XIX/19.3.6</u></p> <p>Noted.</p>	<p>No action required.</p>
----------------------------------------------------------------------------------------------	------------------------------------------------------------------	----------------------------

Minutes of Meeting and Action Taken Report are approved.

<p style="text-align: center;">Agenda</p>	<p style="text-align: center;">Resolution</p>
<p><u>Item 20.2.1: Amendment in the rule A5.5 for Full Time CBCS UG programmes</u></p> <p>As per 5.5 rule for Full Time UG programmes, <i>A Full Time student can register for a minimum of 14 credits and maximum of 30 credits per semester. However the minimum / maximum credit limit can be relaxed by the Principal and Dean Academics on the recommendation of BoS under extremely exceptional circumstances.</i></p> <p>The rule 5.5 is amended for Full Time UG programmes as, <i>'A Full Time student can register for a minimum of 14 credits and maximum of 30 credits per semester. However the minimum / maximum credit limit can be relaxed by the Principal and Dean Academics on the recommendation of BoS under extremely exceptional circumstances. In case of Final Year students the minimum credits may be less than 14, if the remaining credits to be earned, to complete the degree programme, are less than 14.'</i></p>	<p><u>Resolution No. AC/ XX/20.2.1</u></p> <p>Approved.</p>
<p><u>Item 20.2.2: Teaching Learning provision for Non- CBCS and Re-admitted/ Re-Registered CBCS students</u></p> <p>a) If a student of CBCS scheme, is failed/detained in few/all courses and not eligible to get admission in the higher class, he/she may be permitted to re-register for failed/detained courses or alternatively take re-admission in the class by paying full fees of the year. His/her past performance of the re-admitted class/ re-registered course shall be cancelled.</p> <p>b) If a student of CBCS scheme, is failed/detained in one or more courses and eligible to get admission in the higher class and re-registered for failed/ detained courses</p>	<p><u>Resolution No. AC/ XX/20.2.2a</u></p> <p>Approved. In case of readmission, full fees need to be paid, however the admissible fee concession proposal can be forwarded to the appropriate authority for approval, in which case the fees will be refunded if approved.</p> <p><u>Resolution No. AC/ XX/20.2.2b</u></p> <p>Approved.</p>

<p>As the student is having regular class Time-Table to be followed he/she shall be permitted to complete re-registered courses in the following modes:</p> <p>i) The department shall arrange a crash course of not more than 20 Hrs for theory course and conduct laboratory courses as per curriculum. The faculty member shall be eligible for remuneration as per prevailing norms.</p> <p>ii) Alternatively the department shall recognize NPTEL/ Swayam/ Other MOOC courses equivalent to a theory courses, get approved through the concern Board of Studies, and permit the student to undergo the course through this mode. The evaluation of such courses shall be done as per institute curriculum by concern course coordinators. Laboratory courses shall be conducted as per curriculum.</p> <p>c) If a student of Non- CBCS scheme is admitted in a class, the department may recognize NPTEL/Swayam/ Other MOOC courses equivalent a theory courses, get approved through the concern Board of Studies and permit the student to undergo the course through this mode. The evaluation of such courses shall be done as per institute curriculum by concern course coordinators. Laboratory courses shall be conducted as per curriculum.</p>	<p><u>Resolution No.</u> <u>AC/ XX/20.2.2c</u></p> <p>Approved.</p>
<p><u>Item 20.2.3: Provision for Improvement Class Test for failed students & ineligible to take admission to higher class</u></p> <p>If a UG/PG student of CBCS/Non-CBCS schemes is failed in a theory course and <i>not eligible to get admission</i> in the higher class or complete the degree programme, he/she may be permitted to appear for Improvement Class Test as per curriculum after RE-ESE. His/her earlier Class Test performance shall be cancelled.</p>	<p><u>Resolution No.</u> <u>AC/ XX/20.2.3</u></p> <p>During discussions it was decided to consider the proposal of improvement class test for all the unsuccessful students irrespective of his/her eligibility to take admission in higher class. It is resolved to permit unsuccessful students to opt for improvement of class test I or/and class test II in the subsequent semester when the corresponding course is running, along with the</p>

	<p>regular students. He/She is required to give ESE for declaration of his/her results along with the improved class test marks. The recent performance of a class test shall be considered for evaluation.</p>
<p><u>Item 20.2.4: Proposal for Honors and Minors certification scheme</u></p> <p>Honors Scheme: This is to acquire advanced knowledge of own discipline with specialization. Student from the same department is eligible to apply for Honors scheme. Host department shall design detailed structure and syllabi, separately (Semester viz. 5-6-7-8th). Selection criteria will be decided by the host department.</p> <p>Minors Scheme: Student from any department is eligible to apply for Minor Scheme. This will encourage interdisciplinary projects and will help to decide a carrier path of his/her interest. Host department shall design detailed structure and syllabi, separately (Semester viz. 5-6-7-8th). Selection & eligibility criteria will be decided by the host department.</p>	<p><u>Resolution No. AC/ XX/20.2.4</u></p> <p>Approved.</p>
<p>Proposals from Electronics Department</p> <p>Item 20.2.5: Modifications in structure, course curriculum, revision of CO and CO-PO/PSO mapping for UG courses</p> <p>Curriculum of some UG courses is modified within 20% of permissible limits and replaced with same course code in structure with no requirement of any equivalence. The Core courses ET:3003 Microprocessor and Microcontroller & ET:3004 Lab: Microprocessor and Microcontroller are thoroughly revised and are replaced in structure by their equivalent courses with the same name but changed course code to ET:3103 & ET:3104 respectively. Professional courses ET:4051 Robotics & ET:4052 Lab Robotics are revised and replaced in structure by their equivalent courses with same name but changed code to ET:4151 & ET:4152 respectively. Small projects are included as a part of Teachers' Assessment component of curriculum of Microprocessor & Microcontroller, Robotics course. COs of the courses are revised and the CO-PO/PSO mapping is also changed accordingly. The revised of CO and CO-PO/PSO mapping of UG courses is prepared. This is approved by the BoS. It is submitted herewith for the approval of Academic Council. (Annexure 20.2.5a to</p>	<p><u>Resolution No. AC/ XX/20.2.5</u></p> <p>Approved.</p>

20.2.5d)	
<p>Item 20.2.6: Modification in PG curriculum and formation of PEO and PO</p> <p>PEO and PO are prepared for PG programme in the department, M. Tech. (Electronics & Telecommunication). Few modifications in curriculum are carried out. Elective course ET51102 Robotics is revised and replaced in structure by its equivalent course with same name but changed code to ET51112. Updated curriculum and PEO, PO is approved by the BoS. It is submitted herewith for the approval of Academic Council. (Annexure 20.2.6)</p>	<p><u>Resolution No. AC/ XX/20.2.6</u></p> <p>Approved.</p>
<p>Item 20.2.7: Approval of CO and PO attainment methods</p> <p>Board of studies has discussed the Methodology for computation of attainment level Course Outcomes and Program Outcomes / Program Specific Outcomes attainment. BoS has approved this methodology. It is submitted herewith for the approval of Academic Council. (Annexure 20.2.7)</p>	<p><u>Resolution No. AC/ XX/20.2.7</u></p> <p>Co-Po attainment method is approved. The method can be adopted by all the departments.</p>
<p>Item 20.2.8: Threshold and expected levels of COs and POs/PSOs</p> <p>The threshold and expected levels of COs as approved by the Board of Studies, as per the policy decided in proposal 3, are fixed for the batches during the years 2013-17, 2014-18 and 2015-19. The board has planned the expected levels of POs/PSOs also. These threshold and expected levels are approved by the BoS and herewith submitted for approval of Academic Council. (Annexure 20.2.8)</p>	<p><u>Resolution No. AC/ XX/20.2.8</u></p>
<p>Proposals from Applied Science Department</p> <p>Item 20.2.9: Change in the syllabus contents of Open Elective – MA3002 – Statistical Methods of Engineering Mathematics and inclusion of suggestive reference books and text book in the syllabus</p> <p>Curriculum of this course is modified within 20% of permissible limits and replaced with same course code in structure with no requirement of any equivalence. Attached for approval. (Annexure 20.2.9-20.2.11)</p>	<p><u>Resolution No. AC/ XX/20.2.9</u></p> <p>Approved.</p>
<p>Item 20.2.10: Change in the assessment pattern of OBE and CBCS syllabus of Engineering Mathematics – I, II, III and Open Electives</p> <p>Attached for approval. (Annexure 20.2.9-20.2.11)</p>	<p><u>Resolution No. AC/ XX/20.2.10</u></p> <p>Approved.</p>
<p>Item 20.2.11: Post-facto approval for change in CO's - PO's mapping tables of courses Engineering Physics, Engineering Chemistry, Engineering Mathematics – I, II, III, Open Electives</p>	<p><u>Resolution No. AC/ XX/20.2.11</u></p>

Proposals from Mechanical Engineering Department	
Item 20.2.12: Approval of Structure of TY MECHANICAL CBCS ME3013 Lab-CAME II (TE SEM V) as ME3013 Lab-CAME II and Mini Project. (Annexure 20.2.12)	<u>Resolution No. AC/ XX/20.2.12</u> Approved.
Item 20.2.13: Approval of Syllabus of TY MECHANICAL CBCS ME3013 Lab-CAME II (TE SEM V) as ME3013 Lab-CAME II and Mini Project. (Annexure 20.2.13)	<u>Resolution No. AC/ XX/20.2.13</u> Approved.
Item 20.2.14: Approval to conduct following short term courses in association with “Institute of Design of Electrical Measuring Instrument” (MSME-IDEMI, Sion, Mumbai) (Annexure 20.2.14a – 20.2.14d) HYPERMESH: Prof. S. R. Kulkarni ROBOTICS &AUTOMATION: Prof. M. S. Harne & Dr. U. V. Hambire 3D PRINTING: Dr.Y.U.Sathe CATIA: Prof. S. R. Kulkarni	<u>Resolution No. AC/ XX/20.2.14</u> Approved.
Item 20.2.15: Approval of Errata in B.E. and B.Tech. Mechanical CBCS Full Time and structure (Annexure 20.2.15a – 20.2.15b)	<u>Resolution No. AC/ XX/20.2.15</u> The proposal is referred back to BoS for revision. The industrial Internship is mandatory as per AICTE mandate; it cannot replace a professional elective course.
Item 20.2.16: Include Social Innovation Course in syllabus S.Y. Mechanical CBCS as an Audit Course AC 2005 Social Innovation (Annexure 20.2.16a – 20.2.16b)	<u>Resolution No. AC/ XX/20.2.16</u> Approved.
Item 20.2.17: Proposal of Minor certification course in Entrepreneurship Development and under Ankur Incubation Centre (Annexure 20.2.17) In order to create awareness to the young generation to explore the Entrepreneurial avenues as an important career opportunity, it is proposed to develop an ecosystem within the campus by providing support of all kind for the same. The idea is to create awareness about entrepreneurship, innovation and leadership by providing necessary information, knowledge and relevant skills to inculcate business acumen during campus life of the students. It is proposed to start a minor course Entrepreneurship Development from current academic year 2019-20. This initiative is to be run under Ankur Incubation	<u>Resolution No. AC/ XX/20.2.17</u> Approved.

<p>Centre. The salient features of the courses and the scheme of implementation is outlined below:</p> <p>Minor certification in Entrepreneurship Development: A 15 credit certificate programme designed for 2nd and/or 3rd year students consisting of following courses.</p> <ol style="list-style-type: none"> 1. Basics of Entrepreneurship 2. Finance, Economics and Marketing 3. Entrepreneurship Support System 4. Creativity 5. Entrepreneurial Spectrum 									
<p>Item 20.2.18: Proposal of extension of duration of ME Production Full Time and Part time students (Annexure 20.2.18)</p> <table border="1" data-bbox="435 674 1129 869"> <thead> <tr> <th>Enrolment No</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>ME10F11P013</td> <td>Ajit Shrikant Vairagkar</td> </tr> <tr> <td>ME09F11P002</td> <td>Suchita Shishupal Balwir</td> </tr> <tr> <td>ME10F11F004</td> <td>Jadhav Sansarsagar Pandit</td> </tr> </tbody> </table>	Enrolment No	Name	ME10F11P013	Ajit Shrikant Vairagkar	ME09F11P002	Suchita Shishupal Balwir	ME10F11F004	Jadhav Sansarsagar Pandit	<p><u>Resolution No. AC/ XX/20.2.18</u></p> <p>Approved.</p>
Enrolment No	Name								
ME10F11P013	Ajit Shrikant Vairagkar								
ME09F11P002	Suchita Shishupal Balwir								
ME10F11F004	Jadhav Sansarsagar Pandit								
<p>Proposals of Master of Computer Application (M.C.A.) Department</p> <p>Item 20.2.19: Approval of Credit Transfer of NPTEL Course for SYMCA Students of Semester-II (A.Y.2018-19) (Annexure 20.2.19 – 20.2.20)</p> <p>Three students of SYMCA Ms. Rashi Gupta, Abhishek Meshram and Ms. Aarti Tiwari have completed the NPTEL course “The Joy of Computing using Python” with 93%, 92% and 93% respectively. The credit transfer of this NPTEL course was discussed in Board of Studies meeting held on 08/02/2019 as the similarity of course between SYMCA –MC2019 Python Programming and NPTEL course was above 80% and as per discussion in B.O.S. meeting amongst the members it was resolved that 4 credits of the course MC2019 should be transferred to above three students. Students result was declared by taking approval from Hon. Principal and the proposal is kept for post facto approval of academic council.</p>	<p><u>Resolution No. AC/ XX/20.2.19</u></p> <p>Approved.</p>								
<p>Item 20.2.20: Approval of Equivalence of Subjects of SYMCA student Kailas Neel, admission transferred from Govt. Engineering College, Karad to Govt. Engineering College, Aurangabad (Annexure 20.2.19 – 20.2.20)</p> <p>Department level committee of faculty members 1) Dr. V. P. Kshirsagar, 2) Dr. P. C. Shetiye and 3) Prof. S. R. Pardeshi was constituted for resolving the issue. The committee after going through the grade cards issued by Government Engineering College, Karad of Mr. Kailas Neel and also curriculum of MCA course of both the institutes, it is resolved to award the credits of FYMCA part-I and –II of Government College of Engineering, Aurangabad as he has cleared Semester –I and II from Government Engineering College, Karad. Further the candidate has to</p>	<p><u>Resolution No. AC/ XX/20.2.20</u></p> <p>Approved.</p>								

<p>register a fresh from Semester –III onwards as per MCA –CBCS syllabus of this institute. Course wise equivalence was prepared and the approval of B.O.S. was taken. Hon. Principal has approved the equivalence table and the course registration of the said student was done accordingly. The proposal is kept for post facto approval of academic council.</p>	
<p>Item 20.2.21: Proposal to give FYMCA CBCS (Semester-I and Semester-II) students choice to select next semester courses As per CBCS rules of M.C.A. program students of first year M.C.A. are not allowed to opt for the subjects of second year. As M.C.A. is a six semester program (Five Academic Semesters and One Semester Industry training) the students gets only four semesters for choosing subjects i.e. Sem-I, II, III and IV. This proposal was put before B.O.S. for discussion and approval. The proposal was approved in B.O.S. and kept for approval in academic council.</p>	<p><u>Resolution No.</u> <u>AC/ XX/20.2.21</u> Approved.</p>
<p>Proposals of Computer Science & Engineering Department Item 20.2.22: Approval to extend the dissertation period by one year for following students</p> <ol style="list-style-type: none"> 1. ME06F05P006 Aghor Madhuri Shridharrao 2. ME11 F05P020 Tarange Arun Laxman <p>(Annexure 20.2.22)</p>	<p><u>Resolution No.</u> <u>AC/ XX/20.2.22</u> Approved.</p>
<p>Proposals of Information Technology Department Item 20.2.23: Approval to Program Specific Outcomes (PSOs) of IT Department</p> <p>Department of IT has framed following three Program Specific Outcomes (PSOs): After successful completion of the programme: PSO1: Graduates will be able to apply skills and knowledge of programming, storage management, networking and system development for project development PSO2: Graduates will be able to design, document and develop industrial/ research problems to provide a novel solution using cutting edge technologies. PSO3: Graduates will be able to work in team and communicate effectively to provide IT solutions in the societal and human context for sustainable development Submitted for the approval of Academic Council.</p>	<p><u>Resolution No.</u> <u>AC/ XX/20.2.23</u> Referred back to BoS for revision.</p>
<p>Proposals of Civil Engineering Department Item 20.2.24: Approval to Program Specific Outcomes (PSOs) of Civil Engg Department Department of Civil Engineering has framed following three Program</p>	<p><u>Resolution No.</u> <u>AC/ XX/20.2.24</u> Approved.</p>

<p>Specific Outcomes (PSOs): Civil Engineering Graduate will be able: 1. Plan, Design, Execute Building, Transportation and Water related Engineering Practice 2. Apply subject domain knowledge to analyze and design the Civil Engineering Structures Submitted for the approval of Academic Council.</p>	
<p>Item 20.2.25: Proposal for equivalence of UG Civil Engineering Non CBCS Scheme to CBCS Scheme for teaching purpose only (Annexure 20.2.25)</p>	<p><u>Resolution No. AC/ XX/20.2.25</u> Approved.</p>
<p>Proposals of Electrical Engineering Department Item 20.2.26: Modification in the course name and contents of BE (EEP) (CBCS) for Electrical Equipment Specification laboratory (Annexure 20.2.26)</p> <p>According to academic experts, for attainment of any PO/PSO there has to be at least a single course which is compulsory for all students relevant to any PO/PSO. 'PSO 14 for Department of Electrical Engineering, GECA is related with demonstration of High Voltage Engineering principles. In the existing structure - relevant to this particular PSO - no course is compulsory. This will result in non-attainment of this PSO. To achieve the CO-PSO attainment, the existing course Electrical Equipment Specification laboratory is proposed to modify with title <i>High Voltage Engineering and Electrical Equipment Specification laboratory</i> with appropriate modifications in the contents. With these modifications more exposure will be given to students with existing facility of High voltage Engineering laboratory in the department and at the same time students will be able to study electrical equipment specifications as well. With this view, it is proposed to combine few experiments of <i>High voltage Engineering</i> with <i>Lab Electrical Equipment Specifications</i> in the curriculum of BE (EEP) (CBCS) course. The title of the course will change to <i>High Voltage Engineering and Electrical Equipment Specifications laboratory</i>. Rest of the structure will remain same.</p>	<p><u>Resolution No. AC/ XX/20.2.26</u></p> <p>Approved.</p>
<p>Item 20.2.27: Addition to course contents of EE 51004 Lab High Voltage Engineering of M. Tech. (EPS) CBCS (Annexure 20.2.27)</p> <p>It is proposed to add few more experiments in the existing list of experiments of Lab High Voltage Engineering of M. Tech. (EPS)CBCS course and modification as discussed in BoS</p>	<p><u>Resolution No. AC/ XX/20.2.27</u></p> <p>Approved.</p>
<p>Item 20.2.28: Proposal for approval of Non CBCS old scheme students to follow Non CBCS revised scheme</p> <p>A] Ajit Bitke, is a student admitted in 2011-12 in F.E. He completed his F. E. and S.E. as per his prescribed syllabus (Non-CBCS-old). In</p>	<p><u>Resolution No. AC/ XX/20.2.28</u></p> <p>Approved.</p>

<p>2016-17 he became eligible to get admission in T.E. and he was admitted to (Non-C.B.C.S. Revised). Now in 2018-19 he is eligible to get admission in B.E. Approval for his admission and for all such students may be granted.</p> <p>B] Sadanand Mukindwad was admitted to F.E. in 2012-13 in Non-CBCS- revised pattern. He has completed his FE, SE, TE in non-CBCS- revised pattern. Approval may be granted to him and all such students to get admission to BE as per Non-CBCS - revised pattern.</p>	
<p>Item 20.2.29: Proposal for corrections in the evaluation scheme of one of the Engineering Sciences courses for S.E. (EEP) CBCS, the course EE 2019 Engineering Materials (Annexure 20.2.29)</p>	<p><u>Resolution No.</u> <u>AC/ XX/20.2.29</u> Approved.</p>
<p>Item 20.2.30: Equivalence to PG Non-CBCS courses</p> <p>List of the PG courses and their equivalence for teaching purpose only are proposed for approval.</p> <p>M. E. (EPS) Non-CBCS (Annexure 20.2.30) M. E. (EMD) Non-CBCS (Annexure 20.2.30)</p>	<p><u>Resolution No.</u> <u>AC/ XX/20.2.30</u></p> <p>Approved.</p>
<p>Item 20.2.31: Modifications in Course outcomes and CO-PO mapping (Annexure 20.2.31)</p> <p>It is proposed to approve the revised course outcomes and CO-PO mapping for few courses as discussed in BoS.</p>	<p><u>Resolution No.</u> <u>AC/ XX/20.2.31</u></p> <p>Approved.</p>
<p>Item 20.2.32: Rearrangement of course contents of the course EE4001 Electric Drives (Annexure 20.2.32)</p> <p>It is proposed to approve rearrangement of the contents and revision of few course outcomes and CO-PO mapping for EE4001: Electric Drives as discussed in BoS.</p>	<p><u>Resolution No.</u> <u>AC/ XX/20.2.32</u></p> <p>Approved.</p>
<p>Item 20.2.33: Internship/ Industrial training as an Audit Course and is to be reflected in grade card of Semester III for M. Tech. (EPS & EMD) programs</p> <p>It is compulsory to the students of M. Tech. (EPS & EMD) programs to do internship /industrial training during vacations. No credit has been assigned to internship /industrial training. Therefore, board suggested to make Internship/ Industrial training as an Audit Course for PG courses. Hence it is proposed for approval. Moreover necessary arrangements to be made so that it is reflected in grade card of Semester III for M. Tech. (EPS & EMD) programs</p>	<p><u>Resolution No.</u> <u>AC/ XX/20.2.33</u></p> <p>The proposal is approved and shall be applied to all the PG Engineering programs.</p>
<p>Item 20.2.34: Proposal for approval to revised PSOs of Electrical Engineering</p>	<p><u>Resolution No.</u> <u>AC/ XX/20.2.34</u> Referred back to</p>

<p>Item 20.3: Proposal from Registrar Academics for formation of new Board of Studies</p> <p>As the tenure of existing Board of Studies is over, new Board of Studies of different departments are placed before academic council for approval. (Annexure 20.3)</p>	<p>BoS for revision.</p> <p><u>Resolution No. AC/ XX/20.3</u> Approved.</p>
<p>Item 20.4: Any other Item with the permission of chair</p> <p>Item 20.4.1: Revised Rules and Regulations Regarding Curriculum as per Choice Based Credit System for Post Graduate Programmes (Master of Technology and Master of Computer Applications)</p>	<p><u>Resolution No. AC/ XX/20.4.1</u></p> <p>Approved and to be published on website with corrections if any.</p>
<p>Item 20.4.2: Publication to be noted in Academic Council as per Resolution No. AC/XV/15.4.1</p> <p>As per academic council Resolution No. AC/XV/15.4.1, following publications to be noted in academic council.</p> <ul style="list-style-type: none"> • The paper, “<i>LID Coupled Design of Drainage Model using GIS and SWMM</i>”, by M. E. WRE student, Mr Satish Taji & Dr. D. G. Regulwar, is published in Taylors & Francis ISH Journal of Hydraulic Engineering which is SCOPUS journal with DOI: 10.1080/09715010.2019.1660919. • Chapter 11, <i>Management and Modeling of Urban Stormwater</i>, (D. G. Regulwar and S. G. Taji, Department of Civil Engineering, Government College of Engineering, Aurangabad, Maharashtra State, India, and others) in the book <i>Managing Stormwater: Practices and Challenges for Reuse and Recycling</i>, Nova Publisher, USA. 	<p><u>Resolution No. AC/ XX/20.4.2</u></p> <p>Noted. Mr Satish Taji & Dr. D. G. Regulwar was congratulated by the members.</p>
<p>Item 20.4.3: Academic schedule for odd semester of the academic year 2019-20 for information</p>	<p><u>Resolution No. AC/ XX/20.4.3</u></p> <p>Approved.</p>

Following suggestions were given by the Hon. Members:

Mr. Mukund Kulkarni suggested that while framing an Honors/Minors course, experts from industry may be called so that course in tune with the requirement of industries can be started.

Dr. P. B. Murnal added that each department shall come up with at least one Honors/Minors program in the next academic council.

Mr. Mukund Kulkarni further suggested that in Mathematics Curriculum statistical analysis part may be strengthened and thought may be given on the number of Mathematic courses so that program domain subjects can be added and the curriculum of mathematics for each branch can be framed as per requirement of department. Dr. P.B. Murnal asked to arrange one day workshop to decide the frame work of curriculum.

Mr. Mukund Kulkarni appreciated the proposal of starting minor certification course in Entrepreneurship Development. He suggested that after completion of this certification program each student must come up with a project proposal which may be or may not be feasible.

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

