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MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY(MBCET)

(AUTONOMUS)

THIRUVANANTHAPURAM-695015

MINUTES OF THE SEVENTH MEETING OF THE ACADEMIC COUNCIL (AUTONOMOUS) HELD ON 21.11.2022 (MONDAY) VENUE: SENATUS HALL/ONLINE AT 10:00AM

Members present:

1.	Dr. Abraham T Mathew, Principal	Chairman
2.	Dr. S. Viswanatha Rao, Vice Principal	Member
3.	Dr. Sreelatha G, Professor, ECE, CET, Thiruvananthapuram (attended Online)	Member University Representative
4.	Dr. Savier J.S, Professor, EEE, CET, Thiruvananthapuram (attended Online)	Member University Representative
5.	Dr. Kurien Issac, Professor, IIST, Thiruvananthapuram (attended Online)	Member GB Nominated
6.	Dr. Ashok S, Professor, National Institute of Technology Calicut (attended Online)	Member GB Nominated
7.	Dr. Shyji S., Assoc. Professor, MED, SCT CE, Thiruvananthapuram (attended Online)	Invitee University Representative to PG BoS
8.	Dr. Paul Thomas, Dean(PGSR) & Professor, ECE, MBCET	Member
9.	Dr. Neethu Roy, Dean(R&C) and Professor, CED, MBCET	Member
10.	Dr. Jayasree S., Professor & Head, CED, MBCET	Member
11.	Dr. Tessy Mathew, Professor & Head, CSED, MBCET	Member
12.	Dr. Jayakumari J., Professor & Head, ECED, MBCET	Member
13.	Dr. Nisha G. K., Professor & Head, EED, MBCET	Member
14.	Dr. Rajesh T. N., Assoc. Professor & Head, MED, MBCET	Member
15	Prof. Joseph Cheriyan, Professor & Head, S&H, MBCET	Member
16.	Dr. K. Muraleedharan Nair, Dean(Admin) and Professor, MED, MBCET	Member
17.	Dr. M.J. Jayashree, Professor, ECED & IQAC Coordinator	Member
18.	Dr. Pradeep M., Assoc. Professor, MED and Controller of Examinations, MBCET	Member

19	Dr. Swapna P. S., Assoc. Professor, ECED, MBCET	Member
20	Mr. Binu K John, Library	Member(Invitee)
21	Ms. Anne George. Asst. Professor, CED, MBCET	Member(Invitee)
22.	Dr. Christi Francis, ADPE & Head, Physical Education	Member(Invitee)
23.	Dr. Jisha John, Assoc. Professor, CSED	Member Secretary

Members on leave: Dr. Ashfak A, Dr. Ayyappan M, Rev. Dr Gigi Thomas

Six members attended the meeting online (Google Meet)

Minutes

Subject AC7.01	(a) Invocation
	(b) Welcome Note by Chairman
	(c) Confirmation of the Minutes of the Sixth Meeting of the Academic Council held on 29.08.2022
Gist	(a) Chairman called the meeting to order by 10:00 am. The proceedings began with an invocation. Rev. Fr John Varghese, Bursar led the prayers.
	(b) Chairman welcomed the honourable members to the seventh meeting of the Academic Council with a happy note.
	(c) Confirmation of the Minutes of the Sixth Meeting held on 29.08.2022
	The Secretary informed that the Minutes of the Sixth Meeting were circulated through email to all the Members and all the suggestions received were incorporated and the Minutes were presented for confirmation.
	Council read and confirmed the Minutes of the Sixth Meeting.
Subject AC7.02	**Report on the actions taken/actions pending on the pertinent decisions in the Minutes of the Sixth Meeting of the Academic Council held on 29.08.2022.**
Decision	Academic Council was apprised that actions were initiated on all the pertinent decisions in the Minutes of the Sixth meeting held on 29.08.22.
	The Action Taken Report was presented. The Council reviewed the report and expressed satisfaction on the progress of the actions initiated by the College. Council resolved to approve the Action Taken Report.
Subject AC7.03	Reporting on the general academic affairs and progress of the College after the Sixth Meeting- **Presentation by the Principal.**
Gist	Chairman presented a brief overview of the academic affairs in the College as an update on the developments after the last meeting of the Academic Council.
	The Academic Council was apprised about:
	● The starting of the new Programmes in 2022-2023 and the statutory approvals from Government.

| | The increase in admission to UG compared to the previous years and the better admission in the two new UG Programmes. Starting of two new MTech programmes and low demand for PG seats Conduct of Regular and Supplementary Examinations under autonomy. The NBA expert team conducted the visit during 28-30 October 2022. They assessed the five existing UG Courses and the team gave a satisfactory opinion about the arrangements made and the records produced. The first year classes started on October 20th with the traditional welcome ceremony Parodos 2022. Most Rev. Dr. Mathews Mar Polycarpos, Auxiliary Bishop of the Major Archdiocese of Trivandrum delivered the Benedictory address. The Student Induction program for three weeks was conducted from 20.10.22. There was a professional training from 21st to 29th October followed by a College level orientation from 1st to 4th November. Bridge courses and UHV classes were scheduled from 7th to 10th November and the program was concluded by valedictory session and colourful entertainment programs on 11th November 2022. The company Sunny Diamonds presented an award for the Best outgoing student of 2022 batch, Ms. Kesia Mary Joies of CSE Dept. received the award consising of a citation and diamond ring. The placement process is actively going on and till November 10th, 188 offers were received by the students. The Hardware Hackathon conducted by CDAC and Rajagiri School of Engineering & Technology was based on the Swadeshi Microprocessor of CDAC and MBCET team was 2nd in the competition. The Dept of CSE conducted an IT Tech Fest on 5th and 6th of November. Along with this a 24 hour Hackathon was also organized and was mentored by professionals from various industries. College signed MoU to set up IoT/ AI starter lab under INTEL Unnati program where the hardware would be supplied by AUK computing, Bengaluru. MoU with UiTM Mara Malaysia was renewed. Students have won Laurels to College in various inter university sports events. Ms Soumya A.V, Dept of EEE, was invited to attend the IET Young Professionals Summit at London on 12.11.22. The forthcoming events: 1st Convocation of College on 15h December 2022(commemoration ceremony). The KTU external audit on 22nd November 2022. |

Subject AC7.04	Consideration of the Curriculum and the First Year (S1 and S2) Syllabus of the B.Tech Degree Programme in Computer Science and Engineering(Artificial Intelligence) under autonomy for approval
Decision	Chairman apprised the Council that the College has started the B.Tech Degree Programme in Computer Science and Engineering (Artificial Intelligence) under autonomy in the current academic year 2022-2023, after securing the approval from AICTE and affiliation from the University.. Admissions were conducted as per the norms. The Curriculum and the Syllabus for the First Year(S1 and S2) were approved by the Board of Studies of the Department of Computer Science and Engineering.
	Dr. Tessy Mathew, HoD Dept of CSE presented the Curriculum and First year syllabus of the Programme. Council remarked that the suggestions of the BoS, which were highlighted in the discussions, were appropriate; the same were to be incorporated in the Syllabi through suitable revisions/modifications, from time to time, at the Department level. The Council also suggested that the faculty should be trained by a series of faculty development programs so as to be equipped in taking up teaching of these new courses. It was also suggested that some topics may be taken up for co-teaching by industry experts and mentioned in the syllabus. Suggestions were noted. Subject to this the **Curriculum and the First Year (S1 and S2) Syllabus of the** B.Tech Computer Science and Engineering (Artificial Intelligence) were approved.
Subject AC7.05	Consideration of the Curriculum and the First Year (S1 and S2) Syllabus of the B.Tech Degree Programme in Electrical and Computer Engineering under autonomy for approval
Decision	Chairman apprised the Council that the College has started the B.Tech Degree Programme in Electrical and Computer Engineering under autonomy in the current academic year 2022-2023 after securing the approval from AICTE and affiliation from the University. Admissions were conducted as per the norms. The Curriculum and the Syllabus for the First Year(S1 and S2) were approved by the Board of Studies of the Department of Electrical and Electronics Engineering.
	Dr. Nisha G.K, HoD, Dept of EEE presented the Curriculum and First year syllabus of the course before the Council. Council remarked that the suggestions of the BoS, which were highlighted in the discussions, were appropriate; the same were to be incorporated in the Syllabi through suitable revisions/modifications, from time to time, at the Department level. Suggestions were noted. Subject to this the **Curriculum and the First Year (S1 and S2) Syllabus of the** B.Tech Electrical Computer Engineering (Artificial Intelligence) were approved.
Subject AC7.06	Consideration of the revised Curriculum and the First Year (S1 and S2) Syllabus of the B.Tech Degree Programme in Computer Science and Engineering (2020 Autonomy Scheme) for approval
Decision	Chairman apprised the Council that the College has started the B.Tech Degree Programme in Computer Science and Engineering under autonomy in the academic year 2020-2021. Attention was sought to the proposed revisions in the curriculum and syllabus of B.Tech Computer Science and Engineering, which the Department of CSE has taken. Department had brought in minor revisions in the

	20202 Autonomy Curriculum of the B.Tech CSE by reordering the courses and modifying the syllabus of certain individual courses so as to enable the instructions and skill development as required by the Department based on the feedback from the stakeholders and the members of the Department Advisory Board. All the revisions were approved by the Board of Studies of the CSE Department.
	HoD Dept of CSE presented the Curriculum and First year syllabus of the course before the Council. Council remarked that the suggestions of the BoS, which were highlighted in the discussions, were appropriate and important and the same were to be incorporated in the Syllabi through suitable revisions/modifications, from time to time, at the Department level as the batches progress.
	Academic Council approved the modified Curriculum and the First year Syllabus of the B.Tech CSE Programme which would be effective from 2022-2023 admission onwards.
Subject AC7.07	**Consideration of the Curriculum and the Syllabus of the M.Tech Degree Programme in IoT and Sensor Systems under autonomy for approval**
Decision	Chairman apprised the Council that the College has started the M.Tech Degree Programme in Internet of Things(IoT) and Sensor Systems under autonomy in the current academic year 2022-2023 after securing due approvals from AICTE and affiliation from the University. Admissions were conducted as per the norms. The Curriculum and the Syllabus for the First Semester(M1) of this Programme were approved by the Board of Studies of the Department of Electronics and Communication Engineering. The pool of Electives was also approved.
	HoD, Dept of ECE, presented the Curriculum and First year syllabus of the course and the syllabus of the pool of Electives before the Council. The Council suggested that Dept may consult industry and obtain feedback regarding the new subjects which can be included in the syllabus. The Council suggested that the employment potential of the course might also be studied.
	Academic Council approved the Curriculum and the First year Syllabus of the M.Tech Degree Programme in Internet of Things(IoT) and Sensor Systems. Syllabus of the Elective Courses were also approved
Subject AC7.08	**Consideration of the Curriculum and the Syllabus of the M.Tech Degree Programme in Transportation Engineering under autonomy for approval**
Decision	Chairman apprised the Council that the College has started the M.Tech Degree Programme in Transportation Engineering under autonomy in the current academic year 2022-2023 after securing due approvals from AICTE and affiliation from the University. Admissions were conducted as per the norms. The Curriculum and the Syllabus for the First Semester(M1) of this Programme were approved by the Board of Studies of the Department of Civil Engineering. The pool of Electives was also approved.
	HoD, Dept of CE, presented the Curriculum and the First year syllabus(M1 and M2) of the course before the Council. Council remarked that the suggestions of the BoS, which were highlighted in the discussions, were appropriate; the same

	were to be incorporated in the Syllabi through suitable revisions/modifications, from time to time, at the Department level as the batches progress. Academic Council approved the Curriculum and the First year Syllabus of the M.Tech Degree Programme in Transportation Engineering. Syllabus of the Elective Courses were also approved
Subject AC7.09	**Consideration of the M.Tech Regulations for the revised M.Tech Scheme and Curriculum of 2022 under autonomy.**
Decision	Chairman appraised the Council that the College has revised the M.Tech Regulations based on the revised M.Tech Curriculum of 2022. This has been prepared based on the draft regulations published by the affiliating University. Dean PGSR presented the draft MTech regulations before the Academic Council for consideration. The following were the major points for discussion: ● The total Number of credits is 68, with the distribution M1- 18, M2- 18, M3-16 & M4-16 as given in the curriculum ● The minimum credit requirement (as in the University regulations) is 12 credits from M1 which is required for registering for the M3 semester. ● The minimum attendance for appearing for the ESE for any course is 75% ● College shall go without applying the normalization in the marks to encourage better learning. ● In the Grade listing I grade is included indicating the delay in submitting the certificate of successful completion of MOOC by the end of Semester 3. This I grade will be replaced with proper Grade when the certificate of pass is duly submitted by the student. ● Pass criteria: A student should obtain a minimum of 45% marks in the ESE and a minimum of 50 % of the total mark (CIA marks + ESE marks) to be eligible for obtaining a Pass grade. ● The new criteria for First Class with Distinction and First Class will be followed: First Class with Distinction: CGPA 8.0 and above First Class: CGPA 6 and above ● Either of the two options of Dissertation or Research project in the second year may be taken by the students based on the CGPA marks. CGPA above 8.5 will make the students eligible for the option of the research project ● For the review procedure for the Answer Scripts the steps may be followed similar to that used in the B.Tech Examination Manual ● The implementation and monitoring of academic activities relating to the PG programme will be entrusted with the College Level Academic Committee (CLAC) for the College and with the Department Level Academic Committee (DLAC) for each department.

	The Chairman mentioned that in Transportation Engineering the Program Core will be in the First Semester and Discipline core in the second semester and correspondingly there will be a clause in the regulations permitting the grouping of discipline core either in the first semester or second semester or distributing in M1 & M2.

Regarding the eligibility for recommendation to the University the students should have cleared all dues in college before name is recommended to the University and permitting for End Semester exam will also be done only after clearing all dues. These clauses will be added in the regulations.

The Council reviewed the regulations and approved the same. |
| **Subject AC7.10** | **Consideration of the Academic Calendars for the Odd Semester for UG and PG for the current Academic year 2022- 2023** |
| **Decision** | Chairman appraised the Council that the College prepares the Academic Calendar for every academic year. Because of the lockdown due to Covid 19 and due to the staggered admission schedule, it has not been possible to synchronize the different semesters. So, College has been preparing different Calendars for different batches.

The Council examined the proposed Calendars and approved the same. |
| **Subject AC7.11** | **Consideration of the proposal for introducing the Course "Research and Publication Ethics" as a Credit Course for Ph.D Course work requirements** |
| **Decision** | Chairman appraised the Council that the College is a recognized Research Centre of the APJ Abdul Kalam Technological University for Ph.D research. There were two Scholars who got selected by the University through the selection process in 2022 and have accordingly.

As per the residential requirements of the University for Ph.D, the Course "Research and Publication Ethics" is mandatory. It is to be offered as a 2 credit Course of 30 Hours duration. This direction is also in line with the direction given by the UGC vide Letter No. D.O. No.F.1-1/2018(Journal/CARE) of December 2019. The Syllabus would be the standard one published by the University and would be offered by the Faculty of the College for those who want to credit it. The results would be accordingly submitted to the Univeristy.

It was mentioned that there would be a Course Committee at the College level to monitor the course delivery and the assessment. The Committee would be chaired by the Dean(PG Studies and Research).

The Academic Council approved the proposal of the course so that the course could be offered under autonomy in the current year itself. |
| **Subject AC7.12** | **Consideration of the Institute Innovation and Startup Policy in the lines of National Innovation and Startup Policy(NISP) of the Union Government** |
| **Decision** | Chairman appraised the Council that the College had prepared the draft of the Institute Innovation and Startup Policy document through extensive consultations. This draft was reviewed and approved by a Committee set up for that purpose. There were representations in this Committee from the various stakeholder groups of the College. It was also mentioned that the document was |

	prepared in the lines of the National Innovation and Startup Policy of the Union Government.
	The Academic Council reviewed the draft and granted approval and permitted the College to adopt it. It was instructed that there should be provisions to promote the spin off and startups from the campus itself to proactively support the Faculty, Staff and the Students of the College and to develop a culture of entrepreneurship on campus.
Subject AC7.13	**(1) Affiliation Orders from University for 2022-2023** **(2) Sanction Order from Government of Kerala for new UG and PG Programmes** **(3) No Objection from Government of Kerala for reduction in intake for two existing B.Tech Programmes.**
Decision	The Chairman reported to the Council that the AICTE has granted the annual extension of approval for the existing B.Tech and M.Tech Programmes and also granted approval for two new B.Tech Programmes and two new M.Tech Programmes. Sanction was also accorded for reducing the intake of two B.Tech Programmes vide Order No. F.No. SouthWest/1-10976052376/ 2022/EOA dated 03 July 2022. College has approached the affiliating University and the Government of Kerala for implementation of these Orders. University has granted affiliation and the Government has granted the permissions. Academic Council resolved to take the Orders on record for further action.
Subject AC7.14	**Orders from the affiliating University on relaxing the credit requirements for promotion to the B.Tech Fifth Semester for the 2020 Admission batch**
Decision	Chairman appraised the Council that under the affiliating system of the University, the B.Tech Regulations provides that one student has to earn a minimum of 21 credits out of the 38 credits of the Semesters 1 and 2 (S1 and S2) by the end of Fourth Semester for continuation of the studies in the Fifth semester. Affiliating university had relaxed this condition for the 2020 admission batch recently citing the online classes and the difficulties faced by the students during that time as the reasons. There are around 39 students in the 2020 admission B.Tech batch under autonomy with the accumulated credits varying from 4 to 19. These students were given one more chance to write the supplementary examination over and above the regular and the two supplementary chances so as to help them in making up the credits. Council noted that since the affiliating University had relaxed the minimum credit condition for the 2020 admission batch, a relaxation could be given for the minimum credit requirement and students might be allowed to continue in the Fifth semester. Council instructed that the students could attend remedial classes offered by the College and attend the supplementary exams subsequently to clear the backlogs.
Subject AC7.15	**Annual Report to UGC for the Academic Year 2021-2022**
Decision	Chairman appraised the council that the College invited two experts from outside for conducting the External peer evaluation of the Academic and Administrative processes under autonomy. The team had conducted the audit in June 2022. They

	had also reviewed the draft of the Annual Report for the year 2021-2022. Accordingly, the Report was finalized and submitted to the UGC.
	The Annual report was presented before the Council. The Council noted the same and appreciated the efforts taken by the IQAC in this regard.
Subject AC7.16	**Any other matter with the permission of the Chair** **Co-opting a member to the Academic Council**
Decision	The Chairman suggested co-opting a faculty from the Civil Engineering Department as a member to the Academic Council in the place of Mr. Akhil Raj who had resigned. The Council approved the suggestion. Accordingly, Ms Ann George, Assistant Professor, CED was co opted as the Member of the Academic Council to represent the Assistant Professor category in the Academic Council. The Academic Council placed on record the contributions of Mr. Akhil Raj in the Academic Council and also as the Senate Advisor.
Subject AC7.17	**Any other matter with the permission of the Chair** **Consideration of the award of Grace Marks- For persons with disability and for students in Sports and games**

Decision	The Controller of Examination, Dr. Pradeep M, presented the details of grace marks awarded for the students under two categories
	
	    (a) who have represented the college in University sponsored sports and arts events and
	
	    (b) also under differently abled categories.
	
	Confirming to the regulations the Council recommended that the students may be granted grace marks and grade cards may be released accordingly.

Subject AC7.18	**Any other matter with the permission of the Chair** **Discussions**
Gist	(a) The Chairman apprised the Council that the recommendations by the UGC External Audit peer team would be considered for preparing a detailed Action Plan which would be presented in the coming meeting of the Academic Council. (b) The Chairman informed that the Convocation of the First MTech pass out batch under autonomy would be conducted on December 15, 2022, 11:00 AM.

The Member Secretary proposed the Vote of Thanks.
The meeting adjourned at 12:00 PM with thanks to the Chair.

                                             Member Secretary

Date. 02.12.2022

CHAIRMAN