CONSTITUTION OF THE ACADEMIC COUNCIL

The Academic Council is the principal academic body of Amrita Vishwa Vidyapeetham and is subject to the provision of the rules, have the control over, and is responsible for, the maintenance of standards of teaching, research and training, approval of syllabus, coordination of research activities, examinations and tests conducted by Amrita Vishwa Vidyapeetham; and shall exercise such powers and perform such other duties and functions as may be prescribed or conferred upon it by the Rules of the institution.

Members of the Academic council.

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>Swami Abhayamritananda Puri</td>
<td>Pro Chancellor</td>
</tr>
<tr>
<td>Dr. P. Veakat Rangan</td>
<td>Vice Chancellor</td>
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<tr>
<td>Dr. K. Sankaran</td>
<td>Registrar</td>
</tr>
<tr>
<td>Prof. C Parameswaran</td>
<td>Principal Director-CIR</td>
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<tr>
<td>Dr. Prem Nair</td>
<td>Provost, Medical Sciences</td>
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<td>Dr. Maneesha Sudheer</td>
<td>Provost, Strategic Initiatives</td>
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<td>Dr. R Dhandapani</td>
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<td>Dr. Bipin Nair</td>
<td>Dean, Faculty of Life Sciences</td>
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<td>Dr. Sasangan Ramanathan</td>
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<td>Dr. Balakrishnan Shankar</td>
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<tr>
<td>Dr. Krishnasheee Achuthan</td>
<td>Dean, PG &amp; AHEAD Programmes</td>
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<tr>
<td>Dr. Nava Subramaniam</td>
<td>Dean, Faculty of Management</td>
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<tr>
<td>Dr. Raghu Raman</td>
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<td>Name</td>
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<tr>
<td>Dr. U Krishnakumar</td>
<td>Dean, Faculty of Humanities</td>
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<tr>
<td>Swami Sankaramritanada Puri</td>
<td>Dean, Faculty of Ayurveda</td>
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<td>Dr. Bharat Jayaraman</td>
<td>Dean, Faculty of Engineering</td>
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<tr>
<td>Dr. Geetha Kumar</td>
<td>Dean, Faculty of Physical Sciences</td>
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<tr>
<td>Dr. Bhavani Rao</td>
<td>Dean, Faculty of Social Behavioural Sciences</td>
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<tr>
<td>Br. Devidas Chaitanya</td>
<td>Campus Director, Amritapuri</td>
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<tr>
<td>Br. Anantaananda Chaitanya</td>
<td>Campus Director, Mysuru</td>
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<tr>
<td>Shri. I.B.Manikantan</td>
<td>Campus Director, Chennai</td>
</tr>
<tr>
<td>Air Cmde S R Menon (Retd.)</td>
<td>Retd. Campus Director, Coimbatore</td>
</tr>
<tr>
<td>Dr. S N Jyothi</td>
<td>Associate Dean, School of Engineering, Amritapuri</td>
</tr>
<tr>
<td>Dr. Srim Devanathan</td>
<td>Principal, School of Engineering, Bengaluru</td>
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<tr>
<td>Dr. Jayakumar V</td>
<td>Principal, School of Engineering, Chennai</td>
</tr>
<tr>
<td>Dr. R Balagopal Varma</td>
<td>Principal, School of Dentistry</td>
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<tr>
<td>Prof. K T Moly</td>
<td>Principal, College of Nursing</td>
</tr>
<tr>
<td>Dr. Gireesh Kumar K P</td>
<td>Principal, School of Medicine, Kochi</td>
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<tr>
<td>Dr. Sabitha M</td>
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<tr>
<td>Dr. Narayanankutty K</td>
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<td>Dr. Ravindranath G</td>
<td>Principal, School of AH&amp;C, Mysuru</td>
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<tr>
<td>Dr. Sudheesh Manalil</td>
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<tr>
<td>Dr. P K Vishwanathan</td>
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<tr>
<td>Dr. P. Manoj</td>
<td>Dean, School of Business, Bengaluru</td>
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<tr>
<td>Dr. Rajiv Prasad</td>
<td>Principal, School of Business, Kochi</td>
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<tr>
<td>Dr. Vidya Balasubramanian</td>
<td>Principal, School of Computing, Coimbatore</td>
</tr>
<tr>
<td>Dr. Mahadevan S</td>
<td>Principal, School of Physical Sciences, Coimbatore</td>
</tr>
<tr>
<td>Br. Achyutamrita Chaitanya</td>
<td>Principal, School of Spiritual &amp; Cultural Studies</td>
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<tr>
<td>Name</td>
<td>Position</td>
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<tr>
<td>Dr. K P Soman</td>
<td>Dean, School of Artificial Intelligence &amp; Computing</td>
</tr>
<tr>
<td>Shri. K S Rajendra Kumar</td>
<td>Dean, E-Governance &amp; Administration</td>
</tr>
<tr>
<td>Shri. Mohan Kumar G</td>
<td>Dean, Accreditation and Quality Assurance</td>
</tr>
<tr>
<td>Dr. Ramesh N V</td>
<td>Principal i/c, School of Ayurveda</td>
</tr>
<tr>
<td>Shri. Suresh Kumar</td>
<td>Director IEM, AIMS Kochi</td>
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<tr>
<td>Dr. V P Mahadevan Pillai</td>
<td>Dean, Strategic Planning, Amrita School of Physical Sciences, Coimbatore</td>
</tr>
<tr>
<td>Dr. Rajathilagam B</td>
<td>Principal, School of Computing, Amaravati</td>
</tr>
<tr>
<td>Dr. Jayaraj Paroor</td>
<td>Dean &amp; HoS, School of Artificial Intelligence, Amritapuri</td>
</tr>
<tr>
<td>Dr. Dayana Das</td>
<td>Vice Principal and HoS, School of Arts, Humanities and Commerce, Amritapuri</td>
</tr>
<tr>
<td>Dr. Gopalakrishnan E A</td>
<td>Vice Principal and HoS, School of Artificial Intelligence, Bengaluru.</td>
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<tr>
<td>Dr. Rangasami P</td>
<td>Vice Principal and HoS, School of Social &amp; Behavioural Sciences, Coimbatore</td>
</tr>
<tr>
<td>Dr. Kalyani Suresh</td>
<td>Vice Principal and HoS, School of Arts, Humanities and Commerce, Coimbatore</td>
</tr>
<tr>
<td>Dr. Bhadra K Mishra</td>
<td>Principal, Medical Sciences, Faridabad</td>
</tr>
<tr>
<td>Dr. Lekha Viswanah,</td>
<td>Principal, Amrita College of Nursing, Faridabad</td>
</tr>
<tr>
<td>Dr. Shekar Babu</td>
<td>Associate Dean, School of Arts and Sciences, Mysuru</td>
</tr>
<tr>
<td>Dr. Ravi Sankar M</td>
<td>Principal, School of Sustainable Development, Amritapuri</td>
</tr>
<tr>
<td>Swami Vinayamratananda Puri</td>
<td>Chairman, CDC, Chennai</td>
</tr>
</tbody>
</table>
The Academic Council meets at least twice a year to deliberate on the following functions:

Powers and Functions of the Academic Council:

The Academic Council shall have the following powers and duties, namely:

i. To consider matters of academic interest either on its own initiative or at the instance of the Board of Management or those proposed by the departments/faculties and to take appropriate action thereon;

ii. To exercise general supervision over all academic work of Amrita Vishwa Vidyapeetham and to give direction regarding methods of instruction, evaluation, and improvements in academic standards;

iii. To promote research within Amrita Vishwa Vidyapeetham, and to acquire reports on such researches from time to time;

iv. To prescribe courses/programs of study leading to degree and diploma of Amrita Vishwa Vidyapeetham;

v. To make arrangements for the conduct of examinations in conformity with the Bye-Laws;

vi. To appoint examiners, moderators, tabulators and such other personnel for different examinations;

vii. To maintain proper standards of the examinations;

viii. To recognize diplomas and degrees of universities and other Institutions and to determine equivalence with the diplomas and degrees of Amrita Vishwa Vidyapeetham.

ix. To suggest measures for departmental co-ordination;

x. To make recommendations to the Board of Management on:
a. measures for improvement of standards of teaching research and training;
b. institution of Fellowships, Travel Fellowships, Scholarships, Medals, Prizes etc.;
c. to recommend to the Board of Management, the establishment or abolition of departments/centres; and
d. to frame rules covering the academic functioning of Amrita Vishwa Vidyapeetham, admissions, examinations, award of fellowships and studentships, free-ships, concessions, attendance, discipline, residence etc.

xi. To appoint sub-committees to advise on such specific matters as may be referred to it by the Board of Management;

xii. To consider the recommendations of the sub-committees and to take such action as the circumstances of each case may require;

xiii. To take periodical review of the activities of the departments/centres and to take appropriate action with a view to maintaining and improving standards of instruction;

xiv. To recommend institution of teaching posts (Professors, Associate Professors and Assistant Professors) to the Board of Management; and

xv. To exercise such other powers, and to perform such other duties, as may be conferred or imposed upon it by the Rules.
34th Meeting of the Academic Council

Date: 20.03.2019
Time: 10.00 am

MINUTES

The following members of the Academic Council were present through Skype:

1. Dr. P Venkat Rangan, Vice Chancellor
2. Dr. K Sankaran, Registrar
3. Dr. Prem Nair (Medical Director)
4. Dr. Bipin Nair (Dean, School of Biotechnology)
5. Dr. Sasangan Ramanathan (Dean, Engineering)
6. Dr. V S Somanath (Dean, Management),
7. Dr. Krishnasheere Sudheer (Dean, International Programmes)
8. Dr. Balakrishnan Shankar, Associate Dean, Amritapuri
9. Dr. Dhanapani (Controller of Examinations)
10. Dr. R Souveeran (Dean, School of Ayurveda)
11. Dr. U Krishnakumar, ASAS Kochi
12. Dr. S N Jyothi (Principal, School of Engineering, Amritapuri)
13. Dr. S G Rakesh, (Associate Dean, Bangalore)
14. Dr. Balagopal Varma (Principal, School of Dentistry)
15. Dr. V M Nandakumaran, Principal, ASAS Amritapuri
16. Dr. Sriram Devanathan (Professor, Chemical Dept.)
17. Dr. Raghu Raman (Chairperson, ASB)
18. Dr. Sunanda Muralidharan (Chairperson, Management, Kochi)
19. Dr. D M Vasudevan, AIMS Kochi - Special Invitee
20. Dr. R N Tripathy, Vice Principal, Ayurveda – Special Invitee

Br. Abhayamrita Chaitanya (Pro Chancellor), Prof. C Parameswaran (Director, CIR), Dr. Shantikumar V Nair (Dean, Research), Br. Sudeep (Amritapuri), Dr. V Radhakrishnan (Former Director, Amrita), Dr. C R Muthukrishnan (Chief Advisor, TCA), Dr. A H Kalro (Former Director, IIM-K), Dr. Bharat Jayaraman, Professor, SUNY Buffalo, Dr. M Savitha Pande (Dept. of Education, Mysore), Prof. P Manoj (Chairperson, Management, Bangalore could not attend the meeting. Leave of absence was granted to them.
The meeting was chaired by the Vice Chancellor.

34.0 Confirmed minutes of the 33rd Meeting of the Academic Council held on 02.08.2018.

Decided to form the following committee to look into the Amrita Value Programs and Open Electives.

- Dr. U. Krishnakumar, Director, ASAS Kochi – Chairman
- Dr. Balakrishna Shankar, Asso. Dean, Amritapuri – Member
- Dr. Maneesha Sudheer, Dean (International Programmes) – Member
- Dr. Sripad H. Ghaligi, Asst. Professor, Amrita Darshanam Centre, Coimbatore - Member

Annexure – 34.0

34.1 New Programs

34.1.1 Decided to ratify the order of the Vice-Chancellor to start the following B.Tech programs.

i) CSE – Artificial Intelligence

ii) Computer and Communication Engineering

iii) Electrical and Computer Engineering

iv) Electronics and Computer Engineering

34.1.2. Decided to start the 4 year B.Sc. (Agriculture) programme in the Coimbatore campus of the University.

34.1.3. Decided to ratify the order of the Vice-Chancellor to conduct the following M.Tech programs from the Academic Year 2019.

### Coimbatore

<table>
<thead>
<tr>
<th>No</th>
<th>Name of the Program</th>
<th>Department</th>
<th>Intake</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Material Science and Engineering</td>
<td>Chemical Engg.</td>
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<tr>
<td>2</td>
<td>Structural and Construction Engineering</td>
<td>Civil Engg.</td>
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<tr>
<td>3</td>
<td>Computational Engineering and Networking (Data Science)</td>
<td>CEN</td>
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<td>4</td>
<td>Computer Science and Engineering</td>
<td>CSE</td>
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<tr>
<td>5</td>
<td>Cyber Security</td>
<td>Cyber Security</td>
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</tr>
<tr>
<td>6</td>
<td>Embedded Systems</td>
<td>EEE</td>
<td>30</td>
</tr>
<tr>
<td>7</td>
<td>Biomedical Engineering</td>
<td>ECE</td>
<td>30</td>
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<tr>
<td>8</td>
<td>VLSI Design</td>
<td>ECE</td>
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<tr>
<td>9</td>
<td>Automotive Engineering</td>
<td>ME</td>
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<tr>
<td>10</td>
<td>Engineering Design</td>
<td>ME</td>
<td>30</td>
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<tr>
<td>11</td>
<td>Manufacturing Engineering</td>
<td>ME</td>
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<td>12</td>
<td>Artificial Intelligence and Data Science</td>
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<tr>
<td>No.</td>
<td>Program Name</td>
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<td>13</td>
<td>Communications Systems</td>
<td>ECE</td>
<td>30</td>
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<tr>
<td>14</td>
<td>Automotive Electronics</td>
<td>ECE</td>
<td>30</td>
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<tr>
<td>15</td>
<td>Power Electronics &amp; Drives</td>
<td>EEE</td>
<td>30</td>
</tr>
<tr>
<td>16</td>
<td>Renewable Energy Technologies</td>
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<td>24</td>
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<tr>
<td>17</td>
<td>Industrial Intelligent Systems</td>
<td>EEE</td>
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Amritapuri

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<tbody>
<tr>
<td>1</td>
<td>Biomedical Instrumentation and signal Processing</td>
<td>CSE</td>
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<tr>
<td>2</td>
<td>Computer Science and Engineering</td>
<td>CSE</td>
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<tr>
<td>3</td>
<td>Cyber Security systems and Networks</td>
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<td>4</td>
<td>Geoinformatics and Earth Observation</td>
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<td>5</td>
<td>Smart Sensing communication and Networking Technologies</td>
<td>CSE</td>
<td>30</td>
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<td>6</td>
<td>VLSI Design</td>
<td>ECE</td>
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<td>7</td>
<td>Thermal and Fluid Engineering</td>
<td>ME</td>
<td>30</td>
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<td>8</td>
<td>Wireless Networks and Applications</td>
<td>CSE</td>
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<tr>
<td>9</td>
<td>Artificial Intelligence</td>
<td>CSE</td>
<td>30</td>
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<tr>
<td>10</td>
<td>Power &amp; Energy (Smart Grid &amp; Electric Vehicles)</td>
<td>EEE</td>
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<tr>
<td>11</td>
<td>Embedded Control &amp; Automation</td>
<td>EEE</td>
<td>30</td>
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<tr>
<td>12</td>
<td>Signal Processing and Embedded Systems</td>
<td>ECE</td>
<td>30</td>
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<tr>
<td>13</td>
<td>Robotics &amp; Automation</td>
<td>ME</td>
<td>30</td>
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<tr>
<td>14</td>
<td>Production and Industrial Engineering</td>
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<tr>
<td>15</td>
<td>Applied Mechanics</td>
<td>ME</td>
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Bangalore

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<th>Department</th>
<th>Intake</th>
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<tr>
<td>1</td>
<td>Computer Science and engineering</td>
<td>CSE</td>
<td>30</td>
</tr>
<tr>
<td>2</td>
<td>Embedded systems</td>
<td>EEE</td>
<td>24</td>
</tr>
<tr>
<td>3</td>
<td>VLSI Design</td>
<td>ECE</td>
<td>24</td>
</tr>
<tr>
<td>4</td>
<td>Thermal Sciences and energy systems</td>
<td>ME</td>
<td>24</td>
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<td>5</td>
<td>Data Sciences</td>
<td>CSE</td>
<td>24</td>
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<td>6</td>
<td>Communication and Information Systems</td>
<td>ECE</td>
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<tr>
<td>7</td>
<td>Power Electronics &amp; Drives</td>
<td>EEE</td>
<td>24</td>
</tr>
<tr>
<td>8</td>
<td>Machine Design &amp; Robotics</td>
<td>ME</td>
<td>24</td>
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</table>

34.1.4 Decided **not to start** the new Post graduate course (1 yr) titled ‘Waste Management and Sustainable Development’, proposed by the Science Faculty since the university has to focus on other programs already undertaken.
34.2. **Review of Regulations**

34.2.1. Decided to incorporate the following regulation with regard to Supplementary Examinations for undergraduate students.

34.2.1.1. For B.Tech

Second chance examination is allowed for students of SIXTH semester (failed in one sixth semester subject) and students of EIGHTH semester (failed on one eighth semester subject).

34.2.1.2. For undergraduate and integrated programs under the Faculties of Arts, Media and Commerce, Science and Humanities and social Science.

Second chance can be given within one month of result publication, to students in the 6th semester and 10th semester of UG and Integrated programmes respectively for any one subject failed. This is also applicable to students of integrated programmes who are opting for exit in their 6th semester.

34.2.2. Changes to PhD Policies.

It was decided to conduct a meeting of the Dean PGP, Deans of all Faculties together with Dean Research and Dean - International Programs, to arrive at a consensus regarding the changes to be incorporated. It was also decided that the basic document for Ph.D. programs regulations will be the same for all Faculties of the University. Each Faculty could have some additional clauses where such freedom is allowed in the basic document of common regulations.

As of now, the Ph.D. regulations that are current and to be followed are:


34.3. **Review of question papers and answer scripts.**

It was decided that the Controller of Examinations will coordinate the following activity with regard to review of question papers and answer scripts within three weeks after reopening of the campus after vacation.
Question papers and selected few answer scripts after publication of results (scanned copies) will be scrutinised by faculty of another campus in the case of multi-campus programs and by faculty of same campus in the case of single campus programs.

The reports will be discussed in the Faculty Committee meetings for corrective action.

34.4. **Transition Courses**

It was decided that the Faculties of Arts, Media and Commerce, Science and Humanities and Social Science define equivalent courses in 2018 curriculum for all courses of the 2015 curriculum. Similarly for B.Tech programs, the Faculty of Engineering has to identify equivalent courses in 2015 curriculum for all courses of the 2010 curriculum. This has to be approved in the next academic council meeting and strictly followed in the case of students having arrears.

34.5. **New Courses for Approval.**

34.5.1. Approved the following courses for PhD scholars in Maths dept. Syllabi given in the appendix.

- Advanced Statistical Methods for Data Analytics
- Six Sigma Methodology
- Six Sigma for product development
- Statistical Quality Control and Reliability

Appendix 34.5.1

34.5.2. Approved the new elective course on Environmental Sanitation and Waste Management. Syllabus given in appendix.

Appendix 34.5.2

34.5.3. Approved the new elective (under elective I stream) for Aerospace Engineering: **Computational Methods for Engineers.** Syllabus shown in appendix.

Appendix 34.5.3

34.6 The meeting ratified the decision of the Faculty of Medical Sciences to start the following MSc Allied Health Sciences programs in Amrita School of Medicine, Kochi during the academic year 2017-18. However it was observed that in future, sanction of the Academic Council should be obtained before a program is started.

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>MSc M.Sc. Diabetes Sciences</td>
</tr>
<tr>
<td>2</td>
<td>MSc Physician Assistant (Medical Oncology)</td>
</tr>
<tr>
<td>3</td>
<td>MSc Dialysis Therapy</td>
</tr>
<tr>
<td>4</td>
<td>MSc Emergency Medical Technology</td>
</tr>
<tr>
<td>5</td>
<td>MSc Cardio Vascular Technology</td>
</tr>
<tr>
<td>6</td>
<td>MSc Cardiac Perfusion Technology</td>
</tr>
</tbody>
</table>
34.6.1. It was decided to incorporate the following modifications in existing Master in Public Health curriculum.

- Hence forth onwards marks will be recorded as percentage and will be categorized into Distinction -75%, First class -65% and Second class – 50% with retrospective effect (2016 Batch onwards). Pass percentage will remain 50% itself.

- Out of the total 150 marks, 90 marks will be awarded by the internal examiner and the rest 60 marks will be provided by the external examiner at the time of the Thesis discussion during the university practical examination.

34.6.2. It was decided to revise the eligibility for admission to Master in Public Health course as follows:

- Candidates with Bachelors degree in Veterinary Sciences, Life Sciences, Statistics, Biostatistics, Demography, Population sciences, Nutrition, Sociology, Psychology, Anthropology, Social work & Agriculture will also be eligible to apply for the MPH course. Experience in Health field would be desirable.

34.6.3. It was to revise the Master in Hospital Administration syllabus as follows:

   **Semester I**
   - Nursing care management has been added to Management process in Hospital Administration

   **Semester II**
   - Research methodology has been clubbed with Biostatistics
   - Healthcare Analytics has been added to Operations Research

   **Semester III**
   - Information Technology & Telemedicine is included in Medical Record Systems

34.6.4. The meeting approved the proposal from the Faculty of Medical Sciences to start M. Pharm in Pharmaceutical Regulatory affairs

34.6.5. The meeting approved the proposal from the Faculty of Medical Sciences to start B.Sc. in Operation Theatre Technology.

34.6.6. The meeting approved the proposal from the Faculty of Medical Sciences to start B.Sc. in Intensive Care Technology.

34.6.7. It was decided to revise the criteria for pass in University Examinations of Allied health Sciences as follows:

- The eligibility criteria for pass in University examination is revised to 50% in theory, internal assessment, practical / clinics, viva and dissertation / project for all subjects for all UG and PG programs under Allied Health Sciences.

34.7.2. It was decided that all the Final End Semester (8thSem B.Tech., 6thSem Arts & Science, 10thSem Integrated and 4thSem PG Programs) results of the Results Passing Board are to be sent to the COE for approval and then to be published.
Meeting of the Final End Semester Result Passing Board should be informed to the COE so as to attend the meeting, if possible.

34.7.5. It was decided to revise the fees collected in COE's Office, w.e.f. April 2019, as follows:

(a) Attestation of Certificates:

Degree certificate produced with original Degree Certificate Rs.100/-
Degree certificate produced without original Degree Certificate Rs.500/-
Transcript or Consolidated Grade Sheet produced with original Certificate Rs.100/-
Transcript or Consolidated Grade Sheet produced without original Certificate Rs.500/-
Grade Sheets (set) produced with original Certificate Rs.300/-
Grade Sheets (set) produced without original Certificate Rs.700/-
Courier charges to send attested copies (within India) Rs.100/-

(b) Duplicates / Name Change / Re-issue Certificates

Duplicate Degree Certificate Rs. 2500/-
Name Change / Re-issue - Degree Certificate Rs.2000/-
Duplicate / Name Change - Transcript or Consolidated Grade Sheet Rs.1000/-
Duplicate / Name Change - Grade Sheet per semester Rs.500/-
Migration Certificate Rs.500/-

34.7.6 It has been decided that the M.Tech Communication Engineering and Signal Processing programme at Amrita School of Engineering, Coimbatore is discontinued with effect from academic year 2019-20 onwards.

34.8. Items related to Convocation of 2019.

34.8.1. It was decided that the convocation of 2019 will be conducted in Amritapuri campus on a convenient date after August 15.

34.8.2. The norms for award of Ranks and Medals was presented and approved as the University wide norms to be followed by all Schools of all Campuses of Amrita Vishwa Vidyapeetham, with effect from 2019 Convocation.

Appendix 34.8.2.

34.9. It was decided that the following committees stipulated by the Deemed Universities Regulations, 2019 should be formed in each campus.

a) Anti Ragging Cell
b) Anti discrimination Cell
c) Gender Sensitization Cell
d) Grievance Redressal Cell
e) Internal Complaints Committee for prevention of Sexual Harassment
f) Barrier Free access to persons with disabilities to all its facilities
34.10. Any other item with the permission of the Chair.

34.10.1. The proposal for minor program in Sustainable Development in B.Tech program was discussed. It was directed to discuss the same in the Faculty Committee for Engineering and arrive at a proposal which can be considered by the academic council.

34.10.2. Dr. Raghuraman did a presentation on Amrita ranking performance update.

34.10.3. Approved the New Curriculum for ASB Coimbatore and DOMs at Amritapuri, Kochi and Bangalore.

Annexure. 34.10

The meeting concluded with *shanti manthra*.

Dr. K Sankaran
Registrar & Secretary
35th Meeting of the Academic Council

Date: 12.08.2019
Time: 10.00 AM

MINUTES

The following members of the Academic Council were present through Skype:

1. Dr. P Venkat Rangan, Vice Chancellor
2. Dr. K Sankaran, Registrar
3. Dr. Prem Nair (Medical Director)
4. Prof. C Parameswaran (Director, CIR),
5. Dr. Bipin Nair (Dean, School of Biotechnology)
6. Dr. Shantikumar V Nair (Dean, Research),
7. Dr. Sasangan Ramanathan (Dean, Engineering)
8. Dr. Krishnasheer Achuthan (Dean, PG Programmes)
9. Dr. Maneesha Sudheer (Dean, International Programmes)
10. Dr. Balakrishnan Shankar, Associate Dean, Amritapuri
11. Dr. R Dhandapani (Controller of Examinations)
12. Dr. U Krishnakumar, ASAS Kochi
13. Br. Sudeep (Amritapuri)
14. Br. Sunil Dharmapal, Mysore Campus
15. Dr. S N Jyothi (Principal, School of Engineering, Amritapuri)
16. Dr. S G Rakesh, (Associate Dean, Bangalore)
17. Dr. (Col) Vishal Marwaha (Principal, School of Medicine, Kochi)
18. Dr. R Balagopal Varma (Principal, School of Dentistry)
19. Prof. K T Moly (Principal, College of Nursing)
20. Dr. M Sabitha (Principal, School of Pharmacy)
21. Dr. V M Nandakumaran, Principal, ASAS Amritapuri
22. Dr. Sriram Devanathan (Professor, Chemical Dept.)
23. Dr. Raghu Raman (Chairperson, ASB)
24. Prof. P Manoj (Chairperson, Management, Bangalore)

Br. Abhayamrita Chaitanya (Pro Chancellor), Dr. V S Somanath (Dean, Management), Br. Sankara Chaitanya (Director, School of Ayurveda), Br. Dhanraj (Bangalore Campus), Prof. Vidya Pai (Principal, ASAS Mysore) Dr. Sunanda Muralidharan (Chairperson, Management, Kochi) could not attend the meeting. Leave of absence was granted to them.

The meeting was chaired by the Vice Chancellor.
35.1 Confirmed the minutes of the 34th Meeting of the Academic Council held on 20.03.2019

35.2 The following orders issued from the University headquarters with the approval of the Vice-Chancellor were ratified.

35.2.1 Appointment of Principal, School of Ayurveda.

35.2.2 Orders on new Curriculum and syllabus for Semesters I and II and Regulations for B.Tech 2019 admission onwards.

35.2.3 Condonation of publication requirement for some PG students from ASAS Amritapuri.

35.2.4 University approval to start Fellowship in FETAL MEDICINE - 2 Year and Bachelor Degree Programme in OCCUPATIONAL THERAPY with an annual intake of 10 students.

35.2.5 New curriculum for Int. M.Sc. Mathematics from 2015 onwards.

35.2.6 University approval to start Executive Masters in Public Health (MPH) – 2 year programme at School of medicine.

35.2.7 Revised Curriculum for BA Mass Communication from 2017 onwards.

35.2.8 Revised curriculum for MA Communication from 2019 admissions.

35.2.9 Revised curriculum for M.Sc. Mathematics from 2018 admission.

35.2.10 New Curriculum and syllabus for 5 yr Integrated M.Sc. Data Science for 2018 admission onwards.

35.2.11 Revised curriculum for Int. MCA 2016 and 2017 admissions.

35.3 Decided to recommend to the Board of Management the list of Graduands who have completed all the requirements for the award of respective degrees at the 16th Convocation (2019).

35.4 Decisions on New Programmes and New Courses

35.4.1. Approved the proposal from Faculty of Humanities and Social Sciences to include a new Ph.D. level course titled Culture Theories for Ph.D. in English. Annexure 35.4.1.
35.4.2. Approved the proposal from Faculty of Medical Sciences to start M.Sc. in Audiology with an intake of 12 students per year from 2020. The curriculum and syllabus as per Rehabilitation Council of India will be followed.

35.4.3. Approved the proposal from Faculty of Medical Sciences to start 2 year fellowship programme in Infectious Diseases.

35.5. Decisions on Curriculum and Syllabi and Regulation

35.5.1 Approved the new Curriculum for Part-time M.Phil in Visual Media and Communication. Annexure 35.5.1

35.5.2 Approved the revised curriculum for B.Sc. Nursing from 2019. Annexure 35.5.2.

35.5.3 Approved revised curriculum and syllabus for the following M.Tech Programmes. Annexure 35.5.3.

2. M.Tech. Artificial Intelligence and Data Science
5. M.Tech. Data Science
7. M.Tech. Geoinformatics and Earth Observation
11. M.Tech. Power Electronics and Drives
12. M.Tech. Renewable Energy Technology

35.5.4. Approved the proposal for equivalent courses in 2018 curriculum for courses in 2015 curriculum received from the Faculty of Arts, Media and commerce. Annexure 35.5.4.

35.5.5. Approved the syllabi for a few subjects of Triple Main B.Sc. which were yet to be finalised. Annexure 35.5.5.

35.5.6. Approved to include an additional subject titled 'Research Methodology & Biostatistics' in the curriculum for 3rd Semester M.Pharm. The syllabus is given as Annexure 35.5.6.

35.5.7. Approved the proposal received from Faculty of Medical Sciences to introduce Clinical Clerkship for M.Pharm Pharmacy practice (Semester III). The plan is to include this as optional for the students during the project in
the third semester of M.Pharm Pharmacy practice. The syllabus is given as Annexure 35.5.7.

35.5.8 Approved the revised Ph.D. regulations. Annexure 35.5.8.

35.6.0 The meeting discussed the issue of non-uniform hostel rules existing in different campuses mainly with regard to permission to use mobile phones, permission to use computers and library timings for students. The meeting authorised the vice-Chancellor to constitute a committee to investigate the matter and submit a report.

35.6.1 The meeting discussed the need to have multiple convocations during each academic year to accommodate students who miss the convocation by a few days due to unexpected delays in their academic programme. The meeting decided to have the main convocation in the months of August/September and a second convocation in the month of December during each calendar year.

35.6.2 The meeting discussed the proposal from Dr. Maneesha Ramesh to introduce the provision for Minor Programs in the B.Tech curriculum. She proposed a minor in Sustainable Development. The meeting referred the matter for discussion in the Faculty Committee for Engineering.

35.6.3 The meeting discussed the proposal from Dr. Maneesha Ramesh to introduce PhD Program in Sustainable Development. The meeting concluded that any Faculty of the university including the Faculty of Interdisciplinary Studies is free to start Ph.D. programmes in this area.

35.6.4 The Controller of Examinations presented the steps he has initiated to (1) upload the degrees certificates issued by the university on the National Academic Depository and (2) revaluation of answer scripts.

The meeting ended with Shanti mantra at 1.00 p.m.

Dr. K Sankaran
Registrar & Secretary
Amritanagar P O, Ettimadai, Coimbatore 641 112

36th Meeting of the Academic Council

Date : 07.12.2019
Time : 10.30 AM

MINUTES


The meeting started at 10.30 a.m. The following members participated in the meeting.

1. Dr. P Venkat Rangan, Vice Chancellor
2. Dr. K Sankaran, Registrar
3. Dr. Bipin Nair (Dean, School of Biotechnology)
4. Dr. Krishnashree Achuthan (Dean, PG Programmes)
5. Dr. Maneesha Sudheer (Dean, International Programmes)
6. Dr. Balakrishnan Shankar, Associate Dean, Amritapuri
7. Dr. R Dhandapani (Controller of Examinations)
8. Dr. U Krishnakumar, ASAS Kochi
9. Br. Sunil Dharmapal, Mysore Campus
10. Dr. S N Jyothi (Principal, School of Engineering, Amritapuri)
11. Dr. S G Rakesh, (Associate Dean, Bangalore)
12. Dr. R Balagopal Varma (Principal, School of Dentistry)
13. Prof. K T Moly (Principal, College of Nursing)
14. Dr. M Sabitha (Principal, School of Pharmacy)
15. Dr. V M Nandakumaran, Principal, ASAS Amritapuri
16. Dr. Rekha Bhatt (Principal i/c, ASAS Mysore)
17. Dr. Raghu Raman (Head, Centre for Ranking and Accreditation)
18. Prof. P Manoj (Chairperson, Management, Bangalore)
19. Dr. Sunanda Muralidharan (Chairperson, Management, Kochi)
20. Dr. Rajiv Nair, Chairperson (Management, Amritapuri)
21. Dr. A V Shyam, Chairperson, School of Business, Coimbatore
22. Dr. P Sureshkumar, Principal, School of Agriculture Sciences
23. Dr. P Shankar, Principal, ASE Chennai,
24. Shri. I B Manikanthan, Director, Chennai campus
25. Dr. Anand Kumar, Vice Principal, School of Medicine, Kochi
26. Dr. R N Tripathy, Vice Principal, School of Ayurveda, Amritapuri

Br. Abhayamrita Chaitanya (Pro Chancellor), Prof. C Parameswaran (Director CIR), Dr. Prem Nair (Medical Director), Dr. Shantikumar V Nair (Dean, Research), Dr. V S Somanath (Dean, Management), Dr. Sasangan Ramanathan (Dean-Engg.), Br. Sankara Chaitanya (Director, School of Ayurveda), Br. Sudeep (Amritapuri) Br. Dhanraj (Bangalore Campus), Dr. (Col) Vishal Marwaha (Principal, School of Medicine, Kochi), Dr. Kishore Pillai (Associate Dean-Management), could not attend the meeting. Leave of absence was granted to them.

The meeting was chaired by the Vice Chancellor.
The following decisions were taken during the meeting.

36.1 The minutes of the 35th Meeting of the Academic Council held on 12.08.2019 were confirmed.  
Annexure 36.1

36.2 Recommended to the Board of Management the list of Graduands who have completed all the requirements for the award of respective degrees at the next Convocation, scheduled on 16.12.2019.

36.3 Dr. Raghuraman, Head, Center for Ranking and Accreditation updated the meeting on the progress made in applying for re-accreditation under NAAC. This was followed by presentations from institution heads on percentage of completion of preparation of SSR from their respective institutions.

36.4 The following orders issued with approval of the vice-chancellor were ratified.

36.4.1. Office order ref. AMRITA/UO/2019/520 dtd. 21.09.2019 regarding approval of curriculum and syllabus effective from 2019 admissions for the following MSc programmes at the Center for Nanotechnology and Molecular Medicine, Kochi.
   i) Molecular Medicine
   ii) Nanobiotechnology
   iii) Nanoscience and Technology  
Annexure 36.4.1

Annexure - 36.4.2

36.4.3 Office order AM RITA/UO/2019/636 dated November 30, 2019 approving the curriculum and syllabus for M.Phil degree in chemistry  
Annexure -36.4.3

36.5 Approved proposals for starting of the following new programmes.

36.5.1. B.Com Professional Accounting at ASAS Mysore together with the curriculum.  
Annexure 36.5.1

36.5.2 New certificate programmes in ASAS Kochi.  
Annexure 36.5.2

36.5.3 Integrated M.Sc. Physics in ASAS Kochi  
Annexure 36.5.3

36.5.4 BCA (Data Science) at ASAS Mysore  
Annexure 36.5.4

36.5.5 M.Sc. Chemistry at ASAS Mysore  
Annexure 36.5.5

36.5.6. Integrated M.Sc. Chemistry at ASAS Mysore  
Annexure 36.5.6

36.6 The Controller of Examinations updated the meeting on the extent of data uploaded on National Academic Depository (NAD)  
Annexure 36.6
36.7 It was resolved to approve Annual Quality Assurance Report (AQAR) of Academic year 2018-19 for submission to NAAC.

Registrar
37th Academic Council Meeting
MINUTES

Date: Thursday May 14, 2020
Time: 11 a.m.
Venue: Meeting convened through Skype

The following members participated.
1. Dr. P Venkat Rangan, Vice Chancellor
2. Dr. K Sankaran, Registrar
3. Dr. Shantikumar VNair (Dean, Research),
4. Dr. U Krishnakumar, ASAS Kochi
5. Dr. Bipin Nair (Dean, School of Biotechnology)
6. Prof. C Parameswaran (Director CIR)
7. Dr. VS Somanath (Dean, Management)
8. Dr. Sasangan Ramanathan (Dean-Engg.)
9. Dr. Krishnasree Achuthan (Dean, PG Programmes)
10. Dr. Maneesha Sudheer (Dean, International Programmes)
11. Dr. Balakrishnan Shankar, Associate Dean, Amritapuri
12. Dr. Kishore Pillai (Associate Dean-Management)
13. Dr. R Dhandapani (Controller of Examinations)
14. Br. Anantananda, Director, Mysore Campus
15. Swami Sankaramritananda Puri, Principal, School of Ayurveda, Amritapuri
16. Br. Devidasa Chaitanya, Director, Amritapuri Campus
17. Dr. S N Jyothi (Principal, School of Engineering, Amritapuri)
18. Dr. R Balagopala Varma (Principal, School of Dentistry)
19. Prof. K T Moly (Principal, College of Nursing)
20. Dr. PSureshkumar, Principal, School of Agriculture Sciences
21. Dr. P Shankar, Principal, ASE Chennai,
22. Dr. (Col) Vishal Marwaha, Principal, School of Medicine, Kochi
23. Dr. M Sabitha (Principal, School of Pharmacy)
24. Dr. V M Nandakumaran, Principal, ASAS Amritapuri
25. Dr. Rekha Bhatt (Principal i/c, ASAS Mysore)
26. Dr. Raghu Raman (Head, Centre for Ranking and Accreditation)
27. Dr. Rajiv Nair, Chairperson (Management, Amritapuri)
28. Dr. AVS Shyam, Chairperson, School of Business, Coimbatore
29. Dr. P. Manoj, Chairperson, DOM, Bangalore,
30. Dr. Prema Nedungadi, Special Invitee
31. Prof. Kamal Bijlani, special Invitee

Swami. Abhayamritananda Puri (Pro Chancellor), Dr. Prem Nair (Medical Director, Shri. I.B.Manikantan, Director, Chennai Campus, Br. Viswamrta Chaitanya, Director, Bangalore Campus, Dr. S.M. Nagaraja, Principal-in-charge, ASE Bangalore and Prof. Sunanda Muraleedharan, Chairperson, DOM, Kochi could not attend the meeting. Leave of absence was granted to them.
The following decisions were taken.

1. The minutes for the 36th meeting of the Academic Council on 7th December, 2019 were discussed. It was noticed that Dr. V.S. Somanath and Dr. Kishore Pillai were wrongly marked as absent during the meeting. The minutes were approved after correcting these mistakes. Please refer Annexure 37.1.

2. Examinations for graduating batches of students.
The proposals received from different schools were discussed and finalised as given in Annexure 37.2.

3. Finalisation of dates for start of next session of classes.
It was decided that the classes for the next session for senior classes should start latest by July 15, 2020. This should be done through online mode. The examinations for the previous semester should be completed before July 15, 2020. It was decided that those examinations results of the current session which are not published before reopening may be published in the shortest time possible after start of next session of classes.

4. Starting of new educational programmes.
The meeting reviewed proposals for start of the following new programmes
A. M.Sc. program in Data Science at Amrita School of Engineering, Chennai
B. B.Com Taxation & Finance instead of the existing B.Com Finance & IT programme at ASAS Amritapuri
C. BBA Programme at ASAS Amritapuri
D. B.Com Professional Accounting at ASAS Mysore
It was decided that these new programmes can be started with the following conditions.
   i. No additional faculty appointments are allowed due to starting of these programmes.
   ii. No infrastructural expenses can be incurred due to the starting of these programmes.
   iii. The programmes should all be taught in the online mode in the first semester.

5. The following orders which were issued with approval of the Vice-Chancellor were ratified.
A. Order stipulating that PhD programme in Sustainable Development will be under the faculty of Interdisciplinary Studies.
B. Order appointing Dr. Maneesha Ramesh as PGP Chair for the Faculty of Interdisciplinary Studies.
C. Order approving Curriculum and Syllabi for M.Tech (Artificial Intelligence) programme. All curriculum and syllabi should conform to NAAC requirements and specify Course Objectives, Programme Objectives, Employability, electives etc.

6. Approved the list of Equivalent courses between BCA/Integrated MCA 2015 and 2018 curriculum under the faculty of Science. Please refer Annexure 37.6.

7. Approved the Regulation, Curriculum and Syllabus for B.Sc. (Hon) Programme in Agriculture. All curriculum and syllabi should conform to NAAC requirements and specify Course Objectives, Programme Objectives, Employability, electives etc. Please refer Annexure 37.7.

8. The proposal for establishment of Amrita School for Sustainable Development was approved. It was decided that initially the school will start functioning with only Ph.D. programmes. Other programmes will be added in due course. Building space details etc. required for submitting application to UGC will be identified soon.
9. Curriculum and syllabus for B.Tech 2019 were approved. Please refer Annexure 37.9

10. The meeting discussed the decisions of meeting of BoS for Physics forwarded to ACM by the Dean, Faculty of Science. Approved the list of new electives to be included for UG, PG and Ph.D. Decided to direct the Faculty to draft syllabus for each one of these courses. All curriculum and syllabi should conform to NAAC requirements and specify Course Objectives, Programme Objectives, Employability, electives etc

11. Approved the modifications in curriculum for M.Sc. and Integrated M.Sc. programmes. The issue of curriculum followed for M.Sc. Physics programme for 2018 and 2019 batches is requested to be sorted out through discussions in a meeting of the Faculty Committee for Science.

12. The meeting approved the proposal from Coimbatore campus for increase of annual intake for the M.Sc. programme in Data Science from 60 to 120.

13. The meeting approved the modified regulations for B.Tech programme. See Annexure 37.12

14. Dr. Raghuraman assured the meeting that he will soon forward to the Registrar a draft of reconstituted IQAC. Decided to publish this with approval of the Vice-Chancellor.

15. The meeting approved the joint initiatives of Amrita Vishwa Vidyapeetham with University of Arizona. Please refer Annexure 37.14

16. Prof. Kamal Bijlani made a presentation which explored the possibility of combining the classes happening in different campuses of the university through online mode.

The meeting concluded at 1.30 p.m. with shanti mantra.

Registrar
Amritanagar Post, Ettimadai, Coimbatore 641 112

38th Academic Council Meeting

MINUTES

Date: Thursday, August 20, 2020
Time: 11 a.m.
Venue: Meeting convened through Microsoft Teams

The following members participated.

1. Dr. P Venkat Rangan, Vice Chancellor
2. Dr. K Sankaran, Registrar
3. Prof. C Parameswaran (Director CIR)
4. Dr. Prem Nair, Dean, Faculty of Medical Sciences
5. Dr. Shantikumar VNair (Dean, Research),
6. Dr. U Krishnakumar, ASAS Kochi
7. Dr. Bipin Nair (Dean, School of Biotechnology)
8. Dr. Sasangan Ramanathan (Dean-Engg.)
9. Dr. Krishnashree Achuthan (Dean, PG Programmes)
10. Dr. Maneesha Sudheer (Dean, International Programmes)
11. Dr. Balakrishnan Shankar, Associate Dean, Amritapuri
12. Dr. Kishore Pillai (Associate Dean-Management)
13. Dr. RDhandapani (Controller of Examinations)
14. Swami Sankaramitananda Puri, Principal, School of Ayurveda, Amritapuri
15. Br. Devidasa Chaitanya, Director, Amritapuri Campus
16. Shri. I.B.Manikantan, Director, Chennai Campus
17. Dr. S N Jyothi (Principal, School of Engineering, Amritapuri)
18. Dr. Sriram Devanathan, Principal, ASE, Bangalore.
19. Dr. R Balagopal Varma (Principal, School of Dentistry)
20. Prof. KT Moly (Principal, College of Nursing)
21. Dr. PSureshkumar, Principal, School of Agriculture Sciences
22. Dr. P Shankar, Principal, ASE Chennai,
23. Dr. (Col) Vishal Marwaha, Principal, School of Medicine, Kochi
24. Dr. M Sabitha (Principal, School of Pharmacy)
25. Dr. VM Nandakumaran, Principal, ASAS Amritapuri
26. Dr. Raghu Raman (Head, Centre for Ranking and Accreditation)
27. Dr. Rajiv Nair, Chairperson (Management, Amritapuri)
28. Dr. AVShyam, Chairperson, School of Business, Coimbatore
29. Dr. P. Manoj, Chairperson, DOM, Bangalore,
30. Prof. Sunanda Muraleedharan, Chairperson, DOM, Kochi

Swami Abhayamritananda Puri (Pro Chancellor), Dr. VS Somanath (Dean, Management), Br. Viswamrta Chaitanya, Director, Bangalore Campus, Br. Anantananda, Director, Mysore Campus and Dr. Rekha Bhatt (Principal i/c, ASAS Mysore) could not attend the meeting. Leave of absence was granted to them.
The following decisions were taken.

1. The minutes for the 37th meeting of the Academic Council on 14th May, 2020 were confirmed.

2. Decided to recommend to the Board of Management the list of graduands eligible to receive their degrees in the first convocation of the year 2020.

3. Approved the rank and medal winners (Campus Level) for the convocation of 2020 presented at the meeting by the Controller of Examinations. The official list of ranks and medals will be circulated soon by the Controller of Examinations.

4. Decided that the list of University level medal winners and Amriteswari medal winner will be decided later after the complete set of results of graduating batches are finalised.

5. Decided that the Heads of Institutions can forward to the Registrar by 15 September, 2020 the list of prospective winners of medals at the university level or the Amriteswari medal together with accomplishments of the students with proof. The criterion for deciding these medals have been circulated together with the notification of the Academic Council meeting.

6. Decided to approve the new/revised curriculum and syllabus of the following programmes subject to the Head of the Institution where this programme is to be implemented obtains the clearance from the respective campus director in terms of the necessary infrastructure and faculty and the IQAC coordinator of the school for the curriculum to have satisfied all the NAAC requirements. IQAC coordinator has to ensure that all the details are entered into the AUMS database. The letters of approval from the Campus Director and IQAC coordinator are to be forwarded to the Registrar.
   6.1. Post doctoral fellowship program in Maxillofacial Prosthodontics received from school of dentistry
   6.2. Five Year Integrated MSW
   6.3. B.Tech Computer Science and Engineering (Cyber Security)
   6.4. Two Year M.Sc Applied Statistics and Data Analytics
   6.5. Three years B.Sc. Data Science
   6.6. 2 year M.C.A.
   6.7. M.Phil Mathematics

7. Approved the syllabus for the following elective courses.
   7.1. PhD courses in mathematics
   7.2. Elective courses for Integrated M.Sc Mathematics with minor in Data Science.
   7.3. Elective courses in Int. M.Sc. Mathematics

8. The following orders issued with approval of the vice-Chancellor were ratified.
   8.2. On use of AUMS

9. The meeting discussed the issue of non-implementation of revised curriculum for M.Sc. Physics students in Amritapuri campus during the years 2018 and 2019 and decided as follows. The action of Principal, Amrita School of Arts and Science, Amritapuri for having followed the 2015 curriculum instead of the 2018 curriculum for M.Sc. Physics students admitted in the years 2018 and 2019 is condoned. From the year 2020 onwards the latest approved curriculum and syllabus should be strictly followed.
10. Prof. Parameswaran updated the meeting with placements that have taken place during the current year.

11. Dr. Maneesha informed the meeting of the timely warning issued by the Amrita Landslide Monitoring cell on impending possibility of land slide just prior to the event occurring in Munnar in early August 2020.

12. The vice-chancellor suggested that data science experts of the university can use Covid patient data from AIMS hospital as their study material.

The meeting concluded at 1.00 p.m. with shanti mantra.

Dr. K Sankaran
Registrar
39TH Academic Council Meeting

MINUTES

Date: Friday, 18th December, 2020
Time: 10 a.m.
Venue: Meeting convened through Microsoft Teams

The following members participated.

1. Swami Abhayamritananda Puri - Pro Chancellor
2. Dr. P Venkat Rangan, Vice Chancellor
3. Dr. K Sankaran, Registrar
4. Prof. C Parameswaran (Director CIR)
5. Dr. Prem Nair, Dean, Faculty of Medical Sciences
6. Dr. Shantikumar V Nair (Dean, Research),
7. Dr. Bipin Nair (Dean, School of Biotechnology)
8. Dr. V S Somanath (Dean, Management)
9. Dr. Sasangan Ramanathan (Dean-Engg.)
10. Dr. Krishnashree Achuthan (Dean, PG Programmes)
11. Dr. Maneesha Sudheer (Dean, International Programmes)
12. Dr. Balakrishnan Shankar, Associate Dean, Amritapuri
13. Dr. Kishore Pillai (Associate Dean-Management)
14. Dr. R Dhandapani (Controller of Examinations)
15. Dr. U Krishnakumar, Director, ASAS Kochi
16. Swami Sankaramritananda Puri, Director, School of Ayurveda, Amritapuri
17. Br. Viswamrta Chaitanya, Director, Bangalore Campus,
18. Br. Anantananda, Director, Mysore Campus
19. Dr. S N Jyothi (Principal, School of Engineering, Amritapuri)
20. Dr. Sriram Devanathan, Principal, ASE, Bangalore.
21. Dr. R Balagopal Varma (Principal, School of Dentistry)
22. Prof. K T Moly (Principal, College of Nursing)
23. Dr. (Col) Vishal Marwaha, Principal, School of Medicine, Kochi
24. Dr. M Sabitha (Principal, School of Pharmacy)
25. Dr. V M Nandakumaran, Principal, ASAS Amritapuri
26. Dr. Rekha Bhatt (Principal i/c, ASAS Mysore)
27. Dr. P Shankar, Principal, ASE Chennai,
28. Dr. PSureshkumar, Principal, School of Agriculture Sciences
29. Dr. Raghu Raman (Director, Centre for Ranking and Accreditation)
30. Dr. Rajiv Nair, Chairperson (Management, Amritapuri)
31. Dr. AV Shyam, Chairperson, School of Business, Coimbatore
32. Dr. P. Manoj, Chairperson, DOM, Bangalore,
33. Prof. Sunanda Muraleedharan, Chairperson, DOM, Kochi
34. Dr. Rabinarayan Tripathy, Vice Principals, School of Ayurveda
35. Sr. Venugopal, Director, HR – Special Invitee
36. Ms. Salma Jetha, Head, Office for Patents Coordination – Special Invitee
37. Ms. Jayashee Kumar – Special Invitee
38. Dr. Prema Nedungadi – Special Invitee
39. Ms. Sheeja Suresh, AUMS Developer – Special Invitee
40. Shri. Sumeet Bahl – Special Invitee
41. Dr. Shyam Diwakar – Special Invitee

Br. Devidasa Chaitanya, Director, Amritapuri Campus, Sri. I. B. Manikantan, Director, Chennai Campus could not attend the meeting. Leave of absence was granted to them.

39.1 Confirmed the minutes of the 38th Academic Council Meeting.

39.2 Recommended to the Board of Management the list of Graduands eligible to receive their degrees in the Second Convocation of the year 2020 and approved the Campus level, University level and Amriteswari Medals.

39.3 The following orders issued by the Vice-Chancellor were ratified.

39.3.1 Order on two new language electives titled 'Additional English I' and 'Additional English II'. It was also decided that the university could offer an elementary level course on the local language of each campus which would be mandatory for every student of that campus not proficient in that language.


39.3.3 Order on curriculum for B.Sc. Physician Assistant and B.Sc. Respiratory Therapy.

39.3.4 Order on revised curriculum for M.Sc. Physics.

39.3.5 Order on revised curriculum and syllabus for M.Tech. Cyber Security.
39.3.6 Order on revised curriculum and syllabus for M.Tech. Data Science.

39.3.7 Order on curriculum and syllabus for M.Tech. Industrial Intelligent Systems.

39.3.8 Order on revised curriculum and syllabus for M.Tech. Material Science.

39.3.9 Order on certificate course on Ramayana

39.4 Decided to approve the new curriculum for Online B. Com, M. Com and BBA.

39.5 Decided to approve Changed nomenclature of “PEDIATRIC AND PREVENTIVE DENTISTRY” and “ORAL & MAXILLOFACIAL PATHOLOGY AND MICROBIOLOGY” as mandated by the regulatory bodies.

39.6 The meeting discussed the proposal for revision of leave rules. It was decided to appoint a committee as shown below to discuss the issue and submit a recommendation to the Registrar.

   1. Sri. Venugopal Panicker, Director, HR (Chairman)
   2. Dr. Bhavani Rao (Member)
   3. Dr. Thirumalini (Member)

39.7 Approved the modified curriculum for Communications programmes.

39.8 Decided to approve starting of 2-year fellowship programme in Paediatric Critical Care Medicine with an annual intake of 2 students in Amrita School of Medicine.

39.9 Decided to approve the proposal to replace the programme of MA English Literature and Literary Theory by MA English Language and Literature at the Coimbatore campus with effect from the academic year 2020-21. The meeting also took note of the consent letters for this change submitted by the students who joined the English Literature and Literary Theory programme at Coimbatore campus during 2020-21.

39.10 The meeting discussed the proposal for revised regulation for M.B.A. and decided to approve the changes proposed except the changes Nos 1 and 2 where the term ‘before the start of the end term examination of Term 1’ should be replaced by ‘before the start of classes’. 
39.11 The meeting approved the curriculum for the Arizona-Amrita Dual Degree Programme.

39.12 The meeting discussed the proposals for the new IPR Policy and Conflict of Interest document. Decided to appoint the following committee to discuss the proposals submitted and come out with recommendations for IPR policy, Consultancy policy and Conflict of Interest document for the University.

1. Prof. C. Parameswaran, Director, CIR (Chairman)
2. Sri. Venugopal Panicker, Director, HR (Member)
3. Ms. Salma Jetha (Member)
4. Dr. Sony Vijayan (Member)

39.13 The meeting approved the proposal to add a course on Anti-microbial Resistance to the B.Sc. Nursing 2019 Curriculum.

39.14 The meeting approved the proposal to add a course on Anti-microbial Resistance for pharmacy programmes.

39.15 The meeting approved the Rules and Regulations for Commerce and management for online programmes.

39.16 The meeting decided to grant permission to the School of Medicine to conduct supplementary examinations for the failed candidates of the supplementary batch subject to permission from National Medical Council.

39.17 The meeting discussed the proposal for award of D.Litt. in the faculty of Humanities and Social Sciences and decided to defer the proposal for the time being.

39.18 The meeting assessed the steps taken for starting online programs and noted that UGC permission has been obtained for starting the four programmes of BCA, B.Com, BBM and M.Com. Decided to apply for AICTE permission to offer MCA and MBA when the portals open in January 2021.

39.19 Dr. Raghuraman, Head of the Center for Ranking and accreditation presented details of performance versus expectations in terms of research output. The summary of his presentations is as given below:
1. The number of publications is showing a marginal increase as compared to the performance last year (1831 Vs. 1629) although it is much below the target set (2376)
2. The citation count is showing a decreasing tendency (22% decrease in last five years) and is a matter of concern.

39.20 The meeting decided to set up a new research center titled ‘Amrita Mind Brain Center’ with Dr. Shyam Diwakar as the Head. The vision and mission of the new center are as given below.

1. Vision
   To establish a top neuroscience center with emphasis on cognition, computations and neural engineering.
2. Mission
   To develop novel engineering solutions for neurological and psychiatric conditions and disorders by harnessing technologies and methods for exploring brain function.

39.21 Dr. Sasangan Ramanathan proposed a discussion on optimizing the timing of the second convocation. Decided to defer further discussion of the same to the next academic council meeting.

The meeting ended with Shanti Mantra at 1 p.m.

Dr. K Sankaran
Registrar & Secretary, Academic Council

To
All Academic Council Members
40th Academic Council Meeting

MINUTES

Date: Friday, 27th August, 2021
Time: 10 a.m.
Venue: Meeting convened through Microsoft Teams

The following members participated.

Swami Ramakrishnananda Puri (Special invitee)
Sri. Rajendrakumar IAS (Special invitee)

1. Dr. P. Venkat Rangan, Vice Chancellor
2. Dr. K. Sankaran, Registrar
3. Prof. C. Parameswaran (Director CIR)
4. Dr. Shantikumar V Nair (Dean, Research)
5. Dr. Bipin Nair (Dean, School of Biotechnology)
6. Dr. V. S. Somanath (Dean, Management)
7. Dr. Krishnashree Achuthan (Dean, PG Programmes)
8. Dr. Maneesha Sudheer (Dean, International Programmes)
9. Dr. Balakrishnan Shankar, Associate Dean, Amritapuri
10. Dr. Kishore Pillai (Associate Dean-Management)
11. Dr. R Dhandapani (Controller of Examinations)
12. Dr. U. Krishnakumar, Director, ASAS Kochi
13. Swami Sankaramritananda Puri, Director, School of Ayurveda, Amritapuri
14. Br. Devidasa Chaitanya, Director, Amritapuri Campus
15. Br. Viswamrta Chaitanya, Director, Bangalore Campus,
16. Br. Anantananda, Director, Mysore Campus
17. Dr. S. N. Jyothi (Principal, School of Engineering, Amritapuri)
18. Dr. Sriram Devanathan, Principal, ASE, Bangalore.
19. Dr. R. Balagopal Varma (Principal, School of Dentistry)
20. Prof. K.T. Moly (Principal, College of Nursing)
21. Dr. (Col) Vishal Marwaha, Principal, School of Medicine, Kochi
22. Dr. M. Sabitha (Principal, School of Pharmacy)
23. Dr. V. M. Nandakumaran, Principal, ASAS Amritapuri
24. Dr. Ravindranath (Principal, ASAS Mysore)
25. Dr. P. Shankar, Principal, ASE Chennai
26. Dr. Sudheesh Manalil, School of Agriculture Sciences
27. Dr. Raghu Raman (Director, Centre for Ranking and Accreditation)
28. Dr. Rajiv Nair, Chairperson (Management, Amritapuri)
29. Dr. A. V. Shyam, Chairperson, School of Business, Coimbatore
Swami Abhayamritananda Puri (Pro-Chancellor), Dr. Prem Nair (Medical Director, AIMS), Dr. Sasangan Ramanathan (Dean Engg.) could not attend the meeting. Leave of absence was granted to them.

The following decisions were taken.

40.1 Confirmed of minutes of the 39th Academic Council Meeting held on December 18, 2020.

Annexure. 40.1

40.2 Recommended to the Board of Management the list of Graduands eligible to receive their degrees in the next Convocation (20th) of the year 2021.

Annexure 40.2

40.3 The following orders issued by the Vice-Chancellor were ratified.

40.3.1 Order on Increase of Intake – MSc MLT (Biochemistry) from 4 to 5 students

Annexure 40.3.1

40.3.2 Order on Curriculum and Syllabus for BCA AHEAD Programme

Annexure 40.3.2

40.3.3 Order on curriculum and Syllabi for B.Sc Data Science for AHEAD programme

Annexure 40.3.3

40.3.4 Order on Curriculum and Syllabi MSc Mathematics for AHEAD programme

Annexure 40.3.4

40.3.5 Order on Curriculum and Syllabi for MSc Applied Statistics and Data Analytics for AHEAD programme.

Annexure 40.3.5

40.3.6 Order on Curriculum and Syllabus for BBA AHEAD programme.

Annexure 40.3.6

40.3.7 Order on Curriculum and Syllabi for B.Tech Computer Science and Engineering (Cyber Security) 2020-21

Annexure 40.3.7

40.3.8 Order on (i) revised curriculum for Integrated MA English Language and Literature and (ii) Revised Curriculum and Syllabi for MA English Language and Literature.

Annexure 40.3.8
40.3.9 Order on Curriculum for BA Communicative English
Annexure 40.3.9

40.3.10 Order on Curriculum and Syllabi for BSc in Food Science and Nutrition
Annexure 40.3.10

40.3.11 Order on Curriculum and Syllabi for PG Diploma in Waste Management and Environmental Hygiene.
Annexure 40.3.11

40.3.12 Order on Policy for awarding incentives for Innovation and Research
Annexure 40.3.12

40.3.13 Order on starting following new programmes in Engineering.
Annexure 40.3.13
(i) B.Tech Computer Science and Engineering (Cyber Security) ASE CBE
(ii) B.Tech Automation and Robotics – ASE Coimbatore
(iii) M.Tech Cyber Security – ASE Bangalore
(iv) M.Tech Artificial Intelligence and Data Science – ASE Bangalore
(v) M.Tech Automation and Robotics – ASE Bangalore
(vi) M.Tech Computer Science and Engineering (Artificial Intelligence and Machine Learning) – ASE Amritapuri

40.3.14 Order on Increase / decrease the annual intake of few existing programmes
Annexure 40.3.14

40.3.15 Order on revised Curriculum for B. Com (Professional Accounting)
Annexure 40.3.15

40.3.16 Order on revised Curriculum for B. Com (Taxation and Finance)
Annexure 40.3.16

40.3.17 Order on revised Curriculum for B. Com programme
Annexure 40.3.17

40.3.18 Order on revised Curriculum for BBA programme
Annexure 40.3.18

40.3.19 Order on revised Curriculum for M. Com (Finance and Systems)
Annexure 40.3.19

40.3.20 Order on revised Curriculum for the following Visual Media programmes
Annexure 40.3.20
(i) BSc Visual Media
(ii) MA Visual Media and Communication
(iii) Integrated MSc Visual Communication
(iv) MA Journalism and Mass Communication
(v) MFA in Visual Media (Applied Art and Advertising)
(vi) MSc Visual Communication
40.3.21 Order on Curriculum structure for the following Arts, Media and Commerce programme.
   i) BA Mass Communication
   ii) MA Communication
   iii) PG Diploma in Journalism

Annexure 4.3.21

40.4 The meeting discussed the letter received from the UGC directing us to allow time up to December 31, 2021 for students admitted this year to produce their qualifying degree certificates in view of the delay in examinations due to Covid 19 and decided to abide by the directions of the UGC.
   (Refer Order No. AMRITA/UO/2021/165 dated 19.09.2021 issued from this office)

40.5 The meeting discussed the issue of revised format for the Executive MBA and curriculum for online MBA and decided to defer the final decision to a later date since the committee set up for enquiring into the issue has not submitted the final report as yet.

40.6 The meeting approved the revised language electives submitted by the Faculty of Humanities and Social Sciences and decided to make them applicable to the undergraduate programmes in the faculties of Arts, media and Commerce, Science, Humanities and Social science and Engineering from the year 2021.
   (Refer Order No. AMRITA/UO/2021/173 dated 19.09.2021 issued from this office)

40.7 The meeting discussed the proposal to transfer BCA and MCA programmes to Faculty of Engineering. It was decided to consider starting a new Faculty for Computer Science based programmes and transfer these programmes to that Faculty at a later date.

40.8 Decided to approve the revised curriculum and syllabus for the following M.TechProgrammes

   I. Cyber security Systems and Networks
   II. Automotive Engineering
   III. Biomedical Engineering
   IV. Data Science
   V. Communication Systems
   VI. Computer Science and Engineering
   VII. CSE (Artificial Intelligence and Machine Learning)
   VIII. Cyber security
   IX. Automotive Electronics
   X. Engineering Design
   XI. Manufacturing Engineering
   XII. Power and Energy (Smart Grids and Electric Vehicles)
   XIII. Embedded Control and Automation
   XIV. Embedded Systems
   XV. Power Electronics and Drives
   XVI. Renewable Energy Technologies
XVII. Structural and Construction Engineering
XVIII. VLSI Design
XIX. Artificial Intelligence
(Refer Order No. AMRITA/UO/2021/164 dated 19.09.2021 issued from this office)

40.9 The meeting approved the revised syllabus for Integrated BA MA English Language and Literature (2021).
(Refer Order No. AMRITA/UO/2021/177 dated 19.09.2021 issued from this office)

40.10 The meeting approved the proposal received from the Faculty of Humanities and Social Science for conducting the following certificate programmes by Amritadarsanam
   I. Essence of Hinduism.
   II. Introduction to Hinduism.
   III. Introduction to Yoga.
(Refer Order No. AMRITA/UO/2021/180 dated 19.09.2021 issued from this office)

40.11 The meeting approved the proposal received from the Faculty of Humanities and Social Science to revise the syllabus of the two courses Communicative English and Professional Communication. The changed syllabus will be effective from the year 2021 for students admitted into undergraduate programmes of the Faculties of AMC, Sc, and HSS.
(Refer Order No. AMRITA/UO/2021/167 dated 19.09.2021 issued from this office)

40.12 The meeting approved Syllabus for the following programmes under Commerce and Management
   I. B.Com
   II. B.Com Professional Accounting
   III. B.Com Taxation and Finance
   IV. BBA
   V. M.Com
(Refer Order No. AMRITA/UO/2021/179 dated 19.09.2021 issued from this office)

40.13 The meeting approved the syllabus of the following programmes under Visual Media
   I. B.Sc. Visual Media
   II. Int. M.Sc. Visual Communication
   III. M.Sc. Visual Communication (Animation and Design Stream)
   IV. M.Sc. Visual Communication (DFM Stream)
   V. MA Visual Media and Communication
   VI. MFA Visual Media (AAA Stream)
   VII. MFA Visual Media (AVFX Stream)
   VIII. MFA Visual Media (DFM Stream)
(Refer Order No. AMRITA/UO/2021/176 dated 19.09.2021 issued from this office)
40.14. The meeting approved the syllabus for the following programmes in Communication

1. BA Mass Communication
2. MA Communication
3. PGDJ
4. MA Journalism and Mass Communication

(Refer Order No. AMRITA/UO/2021/174 dated 19.09.2021 issued from this office)

40.15 The meeting approved the curriculum and syllabus for B.Tech Automation and Robotics.

(Refer Order No. AMRITA/UO/2021/163 dated 19.09.2021 issued from this office)

40.16 The meeting approved the syllabus for the programme BA Communicative English.

(Refer Order No. AMRITA/UO/2021/178 dated 19.09.2021 issued from this office)

40.17 The meeting approved the list of courses to be taught as open electives and the syllabus for open electives for UG and PG programmes. These open electives will be applicable to all programmes under faculties of AMC, HSS, and Sc.

(Refer Order No. AMRITA/UO/2021/171 dated 19.09.2021 issued from this office)

40.18 The meeting approval of curriculum and syllabus for MA Philosophy

(Refer Order No. AMRITA/UO/2021/162 dated 19.09.2021 issued from this office)

40.19 The meeting approved the regulations for Ahead BCA programme

(Refer Order No. AMRITA/UO/2021/166 dated 19.09.2021 issued from this office)

40.20 The meeting approved the curriculum and syllabus for triple main B.Sc. programme.

(Refer Order No. AMRITA/UO/2021/172 dated 19.09.2021 issued from this office)

The meeting discussed the success of Amrita Vishwa Vidyapeetham in attaining A++ category in the 3rd cycle of NAAC accreditation. Swami Ramakrishnananda Puri as a representative from the Board of Management thanked the faculty and staff for the creditable performance. The Vice-Chancellor also appreciated the sustained commitment shown by the faculty and staff in submitting the Self Study Report and putting up a good show during the Peer Team Visit. He specially placed on record the services rendered by Swami Abhayamritananda Puri, Dr. Raghuraman and Dr. Prashant R. Nair during the NAAC accreditation process.

The meeting ended with Shanti Mantra at 12 noon.
Dr. K Sankaran
Registrar & Secretary, Academic Council

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41st Academic Council Meeting

MINUTES

Date: Wednesday, 22nd December 2021
Time: 10 a.m.
Venue: Meeting convened through Microsoft Teams

The following members participated in the meeting:

Br. Satswarupamrita Chaitanya (Special Invitee)
Shri. G Mohan Kumar IAS (Special Invitee)

1. Dr. P Venkat Rangan, Vice Chancellor
2. Dr. K Sankaran, Registrar
3. Prof. C Parameswaran, Director, CIR
4. Dr. Bipin Nair, Dean, School of Biotechnology
5. Dr. Sasangan Ramanathan, Dean, Engineering
6. Dr. Krishnashree Achuthan, Dean, PG Programmes
7. Dr. Balakrishnan Shankar, Associate Dean, Amritapuri
8. Dr. Kishore Pillai, Associate Dean, Management
9. Dr. R Dhandapani, Controller of Examinations
10. Dr. U Krishnakumar, Director, ASAS Kochi
11. Br. Devidasa Chaitanya, Director, Amritapuri Campus
12. Br. Anantananda, Director, Mysore Campus
13. Dr. S N Jyothi, Principal, School of Engineering, Amritapuri
14. Dr. Sri ram Devanathan, Principal, School of Engineering, Bangalore
15. Dr. Balagopal Varma, Principal, School of Dentistry, Kochi
16. Prof. K T Moly, Principal, College of Nursing, Kochi
17. Dr. (Col.) Vishal Marwaha, Principal, School of Medicine, Kochi
18. Dr. Sbitha M, Principal, School of Pharmacy, Kochi
19. Dr. Narayanankutty K, Principal, School of Arts & Sciences, Amritapuri
20. Dr. Ravindranath G, Principal, School of Arts & Sciences, Mysuru
21. Dr. P Shankar, Principal, School of Engineering, Chennai
22. Dr. Sudheesh Manalil, Principal, School of Agriculture Sciences, Coimbatore
23. Dr. Ramesh N V, Principal i/c, School of Ayurveda, Amritapuri
24. Dr. A V Shyam, Chairperson, School of Business, Coimbatore
25. Dr. P Manoj, Chairperson, DoM, Bangalore
26. Dr. Rajiv Nair, Chairperson, DoM, Amritapuri
27. Dr. Rajiv Prasad, Chairperson, DoM, Kochi
28. Dr. Raghu Raman, Director, Amrita Center for Accreditations, Ranking and Eminence
29. Shri. K S Rajendra Kumar, Dean Administration

Swami Abhayamritananda Puri (Pro Chancellor), Dr. Prem Nair (Medical Director), Dr. Shantikumar Nair (Dean, Research), Dr. Maneesha Sudheer (Dean, International Programmes), Swami Sankaramritananda Puri (Director, School of Ayurveda), Br. Viswamrita Chaitanya (Director, Bangalore campus) Shri. I B Manikantan (Director, Chennai campus), Dr. N Udaya Shankar (Director, Agricultural Sciences), Air Cmde S R Menon (Retd), Director (Coimbatore campus) could not attend the meeting. Leave of absence was granted to them.

The following decisions were taken.

41.1 Confirmed the minutes of the 40th Academic Council Meeting held on August 27, 2021.

41.2 Recommended to the Board of Management the list of Graduands (445 students) eligible to receive their degrees in the next Convocation (21st) of the year 2021.

41.3 The following orders issued with the approval of the Vice Chancellor were ratified.

   41.3.1 Order on revised curriculum and syllabus for B.Tech C.S.E. A.I
   41.3.2 Order on M.Tech in Defence Technology
   41.3.3 Order on curriculum and Syllabi for BCA
   41.3.4 Order on Curriculum and Syllabi for Integrated MCA
   41.3.5 Order on Regulations for BCA
   41.3.6 Order on Regulations for Int. MCA
   41.3.7 Order on Curriculum and Syllabi for M.Sc. Energy Studies
   41.3.8 Order on revised curriculum and syllabus for M.Tech Material Science.
   41.3.9 Order on applying the revised 2021 curriculum for the earlier admitted students
   41.3.10 Order on Curriculum and Syllabi for MCA Ahead
   41.3.11 Order on new certificate courses in Ayurveda
   41.3.12 Order on new elective on neuro engineering
   41.3.13 Order on Revised curriculum for WNA
   41.3.14 Order on Revised Curriculum for Robotics and Automation
   41.3.15 Order on revised Curriculum for M.Tech Geoinformatics and Earth Observation
   41.3.16 Order on revised Curriculum for M.Tech Biomedical Instrumentation
   41.3.17 Order on Corrosion Science and Engineering -Elective course for M.Tech Manufacturing Engineering.
   41.3.18 Order on Curriculum and Syllabus for MBA AHEAD programme.
   41.3.19 Order on approval of BCA Data Science programme in ASAS Kochi.

41.4 The meeting discussed the proposal received from Dr. Balagopal Varma and decided to include Erasmus Dental Curriculum for antibiotic and microbial resistance in the second year BDS curriculum and to include Fundamentals of Health Research course in all MDS programmes.
The meeting discussed the proposals received from both the Amrita Center for International Programmes and from Dr. Balakrishna Shankar who sent the proposal on behalf of Amritadarshanam Centre for Spiritual Studies for delivering a diploma programme on Indian Culture and Philosophy. The meeting decided that ACIP will conduct such a programme exclusively for the benefit of devotees visiting the ashram on students’ visa. A Diploma Programme on the same subject may be planned and delivered by Amrita Darshanam in future.

The meeting discussed and accepted the proposal for revised curriculum and syllabus for MBA Ahead.

The meeting discussed the proposals for regulation changes received from Faculty of Management. There were some concerns raised about the regulation changes and it was decided to refer it back to the Faculty of Management to redraft the regulation changes.

The meeting approved the proposal for transitory courses for BCA and Int. MCA Programs received from the Board of Studies for Computer Science and Information Technology.

The meeting ratified the action of the Director of School of Arts and Science, Kochi to start the programme of MSc in Applied Statistics and Data Analytics programme in School of Arts and Sciences, Kochi from the academic year 2021 onwards with an annual intake of 50.

Dr. Raghuraman presented an analysis of performance of Amrita vis-à-vis its peers during the current year. He pointed out the relatively lower citations count and lower number of papers with international co-authorship as the main reasons for pulling Amrita down in rankings. He suggested persuasion of faculty and students to submit papers to journals rather than to conferences as one way to improve the situation.

Dr. Krishnasree Achuthan informed the meeting of the present status of the Amrita Ahead programmes; especially the permission granted by UGC for conducting online programmes in MCA and MBA.

Sri. G Mohan Kumar I.A.S. who has recently taken charge as the Officer in charge of implementing IOE and Rear Admiral V Mohan Doss (Retd.), who has taken charge as Director, Academia-Industry Partnership of C.I.R. Coimbatore campus were introduced to the members of the Academic Council.

The meeting concluded at 12.00 noon.
Dr. K Sankaran
Registrar & Secretary, Academic Council

To: All members of the Academic Council
Minutes
42nd Academic Council Meeting on May 20, 2022

The meeting was conducted online through Microsoft Teams.

The meeting commenced at 10 a.m.

The following members participated in the meeting:

1. Dr. P Venkat Rangan, Vice Chancellor
2. Dr. K Sankaran, Registrar
3. Dr. Bipin Nair, Dean, School of Biotechnology
4. Dr. Shantikumar V Nair, Dean, Centre for Nanotechnology and Molecular Medicine, Kochi.
5. Dr. Sasangan Ramanathan, Dean, Engineering
6. Dr. Balakrishnan Shankar, Dean, Amritapuri
7. Dr. R Dhandapani, Controller of Examinations
8. Swami Sankaramritananda Puri, Dean, Faculty of Ayurveda
9. Dr. U Krishnakumar, Dean, Faculty of Arts, Humanities and Commerce
10. Br. Devidasa Chaitanya, Director, Amritapuri Campus
11. Shri. I B Manikantan, Director, Chennai Campus
12. Dr. S N Jyothi, Associate Dean, School of Engineering, Amritapuri
13. Dr. Sriram Devanathan, Principal, School of Engineering, Bangalore
14. Dr. Balagopal Varma, Principal, School of Dentistry, Kochi
15. Prof. K T Moly, Principal, College of Nursing, Kochi
16. Dr. (Col.) Vishal Marwaha, Principal, School of Medicine, Kochi
17. Dr. Sbitha M, Principal, School of Pharmacy, Kochi
18. Dr. Narayanankutty K, Principal, School of Arts & Sciences, Amritapuri
19. Dr. Ravindranath G, Principal, School of Arts & Sciences, Mysuru
20. Dr. P Shankar, Principal, School of Engineering, Chennai
21. Dr. Sudheesh Manalil, Principal, School of Agriculture Sciences, Coimbatore
22. Dr. P Manoj, Asso. Dean, School of Business, Bangalore
23. Dr. Raghu Raman, Dean, School of Business
24. Dr. Rajiv Nair, Prinicipal, School of Business, Amritapuri,
25. Dr. Vidhya Balasubramanian, Principal, School of Computing, Coimbatore
26. Dr. K P Soman, Associate Dean, School of Computing
27. Br. Achyutamrita Chaitanya, Principal, School of Spiritual and Cultural Studies
28. Dr. Geetha Kumar, Dean School of Physical Sciences
29. Dr. S Mahadevan, Principal, School of Physical Science, Coimbatore
30. Dr. Bhavani Rao, Dean, School of Social and Behavioral Sciences
31. Sir. Cmde S R Menon (Retd.), Director, Coimbatore campus
32. Shri. K S Rajendra Kumar, Dean Administration
The following decisions were taken.

42.1 Confirmed the minutes of the 41st Academic Council Meeting held on December 22, 2021.

42.2 The meeting discussed the dates for the first convocation of the year 2022. It was decided that an Academic Council meeting and Board of Management meeting will be held on Saturday August 20, 2022 in order to finalise the list of graduands. It was decided that the convocation function will be held campus-wise but simultaneously preferably at a time convenient for the Chancellor of the University to address the meeting online. University and campus-wise medals and attire will follow last year pattern. Convocation dress and folders to keep the degree certificate will be ordered by the Amrita Office of Communication. Different School administrations may contact AOC and get their requirements supplied. It was also decided that the Amriteswari medal winner will be given an opportunity to address the meeting.

42.3 The following orders issued by the Vice-Chancellor were ratified.
   I. Revised Curriculum and Syllabus and Regulations for MBA from 2021 admission onwards. (Order No. AMRITA/UO/2022/068 dated February 22, 2022)
   II. Revised Curriculum and Syllabus for M.Tech Biomedical Instrumentation and signal processing from 2021 admission onwards. (Order No. AMRITA/UO/2022/087 dated March 25, 2022)
   IV. Curriculum and Syllabus for Integrated MSW. (Order No. AMRITA/UO/2022/028 dated January 25, 2022.)
   V. Two credit compulsory course titled ‘Mastery over Mind’. (Order No. AMRITA/UO/2022/081 dated March 18, 2022.)
   VI. Revised curriculum and syllabus for B.Tech Mechanical Engineering with effect from 2022 admissions. (Order No. AMRITA/UO/2022/076 dated March 7, 2022.)
   VII. Revised curriculum for B.Sc. Molecular medicine. (Order No. AMRITA/UO/2022/006 dated January 3, 2022.)
VIII. Revised Curriculum and Syllabus for M.Tech Thermal and Fluids with effect from 2021 admissions. (Order No. AMRITA/UO/2022/029 dated January 25, 2022.)

IX. Transitory courses for Triple Main B.Sc. (Order No. AMRITA/UO/2022/265 dated December 29, 2021)

42.4 The meeting discussed the proposal for establishment of ‘Centre for Financial Technology and Applied Research’ and ‘Centre for Innovative Design and Media Applied Research’ at the Amrita School of Arts, Humanities and Commerce at Kochi and decided to consider the proposals after clearance by Dr. Maneesha, Provost in charge of research.

42.5 The meeting discussed the proposal for revision of terminology for Cultural Education and Amrita Value Programmes received from the Faculty of Arts, Humanities and Commerce. It was felt that some more refinement of names was desirable in view of our graduates producing the transcripts in other Universities and establishments abroad. The item will be reconsidered after due modifications.

42.6 The meeting decided to approve the proposals from the NEP2020 committee to start the following programmes from the year 2022. All these proposals have been recommended by the respective Deans of Faculties.

I. B.Des (Hon) at Amrita School of Arts, Humanities and Commerce at Kochi.

II. B.Com (Hon) in Fintech at Amrita School of Arts, Humanities and Commerce at Kochi.

III. To add one more minor option of Data Sciences to 5 year Integrated M.Sc. degree in Physics with minor in Scientific Computing at the Amrita School of Physical Sciences at Amritapuri. The meeting also approved introduction of exit option for this programme at the end of 4 years for a BS in Physics with any one Minor option.

IV. 4-year B.Sc. (Hon) Biotechnology and Integrated Systems Biology at the Amrita School of Biotechnology, Amritapuri. All the exit options would be kept open. If any fourth year B.Sc. (Honours) student wanted to pursue M.Sc., they could join the M.Sc. course offered by the School of Biotechnology. It would be a one-year course.

V. Five Year Integrated Program in Physics with specialization in 1. Theoretical Physics 2. Applied Materials and Five Year Integrated Program in Chemistry with specialization in 1. Chemical Biology 2. Applied Electrochemistry at the Amrita School of Physical Sciences, Coimbatore. There will be exit option with B.Sc. degree at the end of three years and with B.Sc. (Hon) degree after four years.

VI. 4-year B.Sc. (Hon) in Molecular Medicine at the Centre for Nanosciences and Molecular medicine, Kochi. There will be exit option with M.Sc. degree after one more year.

VII. B.Sc. (Hon) in Chemistry with minor in materials design at the Amrita School of Physical Sciences, Mysore.

option at the end of 1st, 2nd and 3rd year and M.Sc. in Mathematics with completion of 1 more year.

42.7 The meeting decided to introduce minors and specialisations for different programmes as given in Table 1 below. All these proposals were recommended by the NEP2020 committee and the respective Deans of Faculties. The curriculum and syllabus for minors (18 credits) have to be prepared by Boards of Studies having proficiency in the field of the minor or specialization.

42.8 It was decided that online teaching mechanism will be resorted to for teaching minors and electives. Registration of students from all campuses of the University under the same teacher will be enabled. A unique slotted time-table will be followed in all campuses of the University. A committee will be nominated and appointed by the Vice-Chancellor to chalk out details of the unique time-table.

42.9 The meeting decided to approve the proposals for starting the following programmes from the academic year 2022.

I. M.Sc. in Nanoelectronics and Nanoengineering at Amrita Centre for Nanotechnology and Molecular Medicine, Kochi.

II. M.Tech in Nanoelectronics and Nanoengineering at Amrita Centre for Nanotechnology and Molecular Medicine, Kochi.

III. M.Sc. Environmental Sciences at the Amrita School of Physical Sciences, Amritapuri and approved the curriculum and syllabus for the same.

IV. Short term course on ‘Geoinformatics for Natural resource Monitoring’ leading to a certificate at the Amrita School of Physical Sciences and approved the curriculum and syllabus for the same.

V. M.Tech Mechatronics at Amrita School of Engineering, Amritapuri and approved the curriculum and syllabus for the same.

42.10 The meeting approved the proposal received from the respective Deans of Faculties for new/revised curriculum and syllabus as mentioned below.

I. Courses for Ph.D. in Life Sciences.

II. Revised curriculum and syllabus for M.Sc. Chemistry.

III. Revised curriculum and syllabus for Int. M.Sc. Chemistry.

IV. Revised B.Sc. (Nursing) Curriculum with effect from the year 2022.

V. Integrated M.Sc Mathematics.

VI. M.Sc Mathematics.

VII. M.Sc Applied Statistics and Data Analytics.

VIII. Integrated M.Sc Mathematics with minor in Data Science.

IX. M.Sc Mathematics with Data Science.

42.11 Dean Administration presented the salient features of the Faculty Policy. The new policy introduces three tracks for faculty. All existing faculty will be considered teaching track faculty. Two more tracks, Standard track and Research track are introduced for appointing faculty with
better research performance based on parameters given in the policy. Performance of existing faculty will be assessed by end of June and eligible faculty may apply for transfer to the other two tracks. All new appointments of faculty will be in the standard or research tracks. Faculty appointed to standard or research tracks would get up to 40% special pay based on research performance. The teaching workload is considerably low for these two tracks. Appointments to these tracks is for a period of two years and reappointment to the track is based on performance. A formula for calculation of sanctioned strength of faculty based on teaching load is given in the policy document. This revised faculty policy will soon be posted on myAmrita. If there is any need for changing parameters for any discipline Deans of those disciplines may give proposals.

42.12 Dr. Raghuraman gave a presentation on research performance in the University during the current year.

The meeting concluded at 1 p.m.

In the service of AMMA

Dr. K Sankaran
Registrar & Secretary, Academic Council

To: All members of the Academic Council

Table 1. Proposals for Minors and specialisations

<table>
<thead>
<tr>
<th>Existing Program</th>
<th>Proposed Minor Degree</th>
<th>Proposed Specialization</th>
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<tbody>
<tr>
<td>B.Tech ECE</td>
<td>Computer Engineering</td>
<td>AI and ML</td>
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<td>Aerospace Engineering</td>
<td>Robotics</td>
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<td>Entrepreneurship</td>
<td>Smart City</td>
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<td>Sustainable Development</td>
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<td>Industrial Engineering</td>
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<td>Electric Vehicles</td>
<td>Defense Technologies</td>
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<td>Biomedical Engineering</td>
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<td>Cyber Security</td>
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<td>Data Science</td>
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<td>B.Tech EAC</td>
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<td>Biomedical Engineering</td>
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<tr>
<td>B.Tech EEE</td>
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<td>Robotics &amp; Automation</td>
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<td>Blockchain Technologies</td>
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<td>B.Tech ME</td>
<td>Artificial Intelligence and Machine Learning</td>
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<td>Robotics &amp; Automation</td>
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<td>Data Science</td>
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<td>Automotive Engineering</td>
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<td>Computer Science</td>
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<td>B.Tech Civil Engineering</td>
<td>Environmental Engg.</td>
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<td>Sustainable Development</td>
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<td>Structural Engg.</td>
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<td>Geotechnical Engineering</td>
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<td>Water Resource Engineering</td>
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<td>B.Tech Chemical Engineering</td>
<td>Polymer Engineering</td>
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<td>Biochemical Engineering</td>
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<td>Sustainable Development</td>
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<td>Nano Science and Technology</td>
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<td>B.Tech CS (AI)</td>
<td>Material Science</td>
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<td>Life Science</td>
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<td>Robotics</td>
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<td>Smart Materials</td>
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<td>B.Tech (CSE), BCA and MCA</td>
<td>Game Technology</td>
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<td>DevOps and Cloud</td>
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<td>Blockchain and Cryptography</td>
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<td>Quantum Science and Technology</td>
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</table>
Minutes

43rd Academic Council Meeting on December 20, 2022

The meeting was conducted online through Microsoft Teams.

The meeting commenced at 10 a.m.

The following members participated in the meeting:

1. Dr. P Venkat Rangan, Vice Chancellor
2. Dr. K Sankaran, Registrar
3. Prof. C Parameswaran (Principal Director-CIR)
4. Dr. Prem Nair (Provost, Medical Sciences)
5. Dr. R Dhandapani, Controller of Examinations
6. Dr. Bipin Nair, Dean, School of Biotechnology
7. Dr. Sasangan Ramanathan, Dean, Engineering
8. Dr. Balakrishnan Shankar, Dean, Amritapuri
9. Dr. Raghu Raman (Dean, Faculty of Management)
10. Dr. U Krishnakumar, Dean, Faculty of Arts, Humanities and Commerce
11. Dr. Bharat Jayaraman (Dean, Faculty of Engineering)
12. Dr. Geetha Kumar (Dean, Faculty of Physial Sciences)
13. Br. Devidasa Chaitanya, Director, Amritapuri Campus
14. Br. Anantananda Chaitanya (Campus Director, Mysuru)
15. Dr. S N Jyothi, Associate Dean, School of Engineering, Amritapuri
16. Dr. Balagopal Varma, Principal, School of Dentistry, Kochi
17. Prof. K T Moly, Principal, College of Nursing, Kochi
18. Dr. Gireeshkumar K.P., Principal, School of Medicine, Kochi
19. Dr. V Jayakumar, Principal, School of Engineering, Bengaluru
20. Dr. Narayanankutty K, Principal, School of Arts & Sciences, Amritapuri
21. Dr. Ravindranath G, Principal, School of Arts & Sciences, Mysuru
22. Dr. P Manoj, Asso. Dean, School of Business, Bangalore
23. Dr. Ramesh N V (Principal In-charge, School of Ayurveda)
24. Dr. K P Soman, Associate Dean, School of Computing
25. Dr. Vidhya Balasubramanian, Principal, School of Computing, Coimbatore
26. Dr. Sangeetha Gunasekar (Principal, School of Business, Coimbatore)
27. Br. Achyutamrita Chaitanya, Principal, School of Spiritual and Cultural Studies
28. Air. Cmde S R Menon (Retd.), Director, Coimbatore campus
29. Shri. K S Rajendra Kumar, Dean Administration
30. Shri. G Mohan Kumar, Dean, Committee for Academic Progression
31. Dr. V P Mahadevan Pillai, Principal, Amrita School of Engineering, Amaravati

Swami Abhayamritananda Puri (Pro Chancellor), Dr. Krishnashree Achuthan (Dean, PG Programmes), Dr. Maneesha Sudheer (Provost), Dr. Shantikumar Nair (Dean, Faculty of
The following decisions were taken.

43.1. The minutes of the 42nd Academic Council Meeting held on May 20, 2022 were approved.

43.2. Decided to conduct the next convocation on December 29, 2022 at the Amrita School of Medicine, Kochi and the list of graduands was approved.

43.3. The following orders issued for new electives and courses after approval by Deans of Faculties were ratified.

43.3.1. Modified Syllabus for Optimisation Techniques. (Professional Elective for EEE)

43.3.2. New elective course on Product Design and Development. (Professional Elective for ME)

43.3.3. New Elective titled Full Stack Development. (Professional Elective for CSE AI)


43.3.5. Electives on Environmental Engineering. (Professional Elective) and Environmental management. (Free Elective). The order is applicable to all B.Tech programmes.

43.3.6. Ph.D. course in (i) statistical machine Translation and (ii) Deep Learning. (For computing)

43.3.7. Ph.D. Course in (i) Conservation Science and Manuscript Conservation. (For Physical Science)

43.3.8 PhD Course on Data Driven Modelling and Analysis. (Interdisciplinary)

43.3.9 PhD Course on Detect Phishing Attempt. (Engineering)

43.3.10 PhD Course on Distributed Intelligent Processing. (Engineering)

43.3.11 PhD Course on Human Exergy and Bio Energetics. (Engineering)

43.3.12 PhD Course on Nanophotonics. (Physical science)

43.3.13 Ph.D. course on Radiation Detection. (Physical Science)

43.3.14 Ph.D. Course on Religious narratives Folklore. (Humanities)

43.3.15 Ph.D. Course Leading with Executive Function. (Social and Behavioural)

43.3.16 Ph.D. Level Course on Analysis Algebra. (Physical Science)
43.3.17 Ph.D. Level Course on Rubber Technology. (Engineering)

43.3.18 Ph.D. Level Courses in humanities and Visual Media – (i) Special Education of Arts with ICT Support, (ii) Classical Concepts in Indian Performing Arts, (iii) Film Appreciation and Image Formation Techniques, (iv) Research Methodology (Hindi Language)

43.3.19 New Technology elective for M.Tech CSE “DevOps Engineering”.

43.3.20 Ph.D. Level Course on VLSI Physical Design. (Engineering)

43.3.21 Ph.D. Level Course on Statistical Machine translation. (Computing)

43.3.22 Professional electives for Civil Engineering under Construction Technology, namely (i) Building Information Modelling, (ii) Construction Equipment and Techniques, (iii) Formwork Engineering Practices.

43.3.23 Ph.D. Course on Behavioural Analytics. (Engineering)

43.3.24 Ph.D. courses in chemistry- (i) Frontiers in Computational Chemistry, (ii) Fundamentals and Applications of ionic liquids, (iii) Introduction to fluorescent spectroscopy. (Physical Science)

43.3.25 New elective course on Automotive Materials. (Professional elective for ME, ECE, EEE)

43.4. The following orders issued after approval by the Vice-Chancellor were ratified.

43.4.1. Revised curriculum and syllabus for Integrated M.Sc. Data Science.

43.4.2. Curriculum and Syllabus for Int. M.Sc. Physics with minor in scientific computing or data sciences.

43.4.3. Regulations for MCA 2022

43.4.4. Revised curriculum and syllabus for B.Tech A.I.

43.4.5. Revised curriculum for M.Tech materials Science.

43.4.6. Revised curriculum for PG Diploma in Waste Management.

43.4.7. Revised MCA Curriculum.

43.4.8. Revised Curriculum for online B.Com.


43.4.10. Consent of affiliation for seat increase in DM Cardiac Anesthesia from 2 to 4.

43.4.11. Syllabus for B.Des(H).

43.4.12. Syllabus for B.Com(H) on FINTECH

43.4.13. Transitory Curriculum for Programmes in Commerce and management.
43.4.14. Revised Curriculum for M.Tech AI 2020

43.4.15. Revised Curriculum and Syllabi for Programmes in Pharmacy

43.4.16 Revised Curriculum for MCA Ahead.

43.5. The proposal received from the Committee for Academic Progression for Regulations for lateral entry was discussed and approved.

43.6. The proposal received from the Committee for Academic Progression for Regulations for minors was discussed and approved.

43.7. The proposal received from the Faculty of medical Sciences for regulations for course work for Ph.D. in Nursing was discussed and approved.

43.8. It was decided to confer honorary Doctorate degrees on the following eminent persons in a special Convocation function to be held at the Amritapuri campus on January 4, 2023.

(i) T Denny Sanford, Philanthropist and entrepreneur from south Dakota, U.S. and
(ii) Pradeep K Khosla, Chancellor, UC, San Diego.

The meeting came to a close at 11.30 a.m.

Dr. K Sankaran
Registrar
Minutes

44th Academic Council Meeting on March 31, 2023

The meeting was conducted online through Microsoft Teams.

The meeting commenced at 10 a.m.

The following members participated in the meeting:

1. Dr. P Venkat Rangan, Vice Chancellor
2. Dr. K Sankaran, Registrar
3. Prof. C Parameswaran (Principal Director-CIR)
4. Dr. Prem Nair (Provost, Medical Sciences)
5. Dr. Maneesha Sudheer (Provost, Strategic Initiatives)
6. Dr. R Dhandapani, Controller of Examinations
7. Dr. Shantikumar Nair (Dean, Faculty of Pharmacy)
8. Dr. Bipin Nair, Dean, School of Biotechnology
9. Dr. Sasangan Ramanathan, Dean, Engineering
10. Dr. Balakrishnan Shankar, Dean, Amritapuri
11. Dr. Krishnashree Achuthan, (Dean, PG& AHEAD Programmes)
12. Dr. Nava Subramaniam (Dean, Faculty of Management)
13. Dr. Raghu Raman (Dean, Faculty of Management)
14. Dr. U Krishnakumar, Dean, Faculty of Arts, Humanities and Commerce
15. Swsmi. Sankaramaritananda Puri (Dean, Faculty of Ayurveda)
16. Dr. Geetha Kumar (Dean, Faculty of Physical Sciences)
17. Br. Devidasa Chaitanya, Director, Amritapuri Campus
18. Br. Anantananda Chaitanya (Campus Director, Mysuru)
19. Dr. S N Jyothi, Associate Dean, School of Engineering, Amritapuri
20. Dr. Sriram Devanathan (Principal, School of Engineering, Bengaluru)
21. Dr. Balagopal Varma, Principal, School of Dentistry, Kochi
22. Prof. K T Moly, Principal, College of Nursing, Kochi
23. Dr. Sabitha M (Principal School of Pharmacy)
24. Dr. Gireeshkumar K.P., Principal, School of Medicine, Kochi
25. Dr. V Jayakumar, Principal, School of Engineering, Bengaluru
26. Dr. Narayanankutty K, Principal, School of Arts & Sciences, Amritapuri
27. Dr. Ravindranath G, Principal, School of Arts & Sciences, Mysuru
28. Dr. P Manoj, Asso. Dean, School of Business, Bangalore
29. Dr. K P Soman, Dean, School of Artificial Intelligence and Computing
30. Dr. Vidhya Balasubramanian, Principal, School of Computing, Coimbatore
31. Dr. Sudheesh Manalil (Principal, School of Agricultural Sciences)
32. Br. Achyutamrita Chaitanya, Principal, School of Spiritual and Cultural Studies
33. Dr. S Mahadevan (Principal, School of Physical Sciences)
34. Air. Cmde S R Menon (Retd.), Director, Coimbatore campus
35. Shri. K S Rajendra Kumar, Dean Administration
36. Shri. G Mohan Kumar, Dean, Committee for Academic Progression
37. Dr. V P Mahadevan Pillai, Principal, Amrita School of Engineering, Amaravati
38. Dr. Satya Krishna Ramachandran Nair, Harvard University – Special Invitee

Swami Abhayamritananda Puri (Pro Chancellor), Dr. Bharat Jayaraman (Dean, Faculty of Engineering, Dr. Bhavani Rao (Dean, Faculty of Social Behavioural Sciences), Shri. I B Manikandan (Campus Director-Chennai), Dr. Ramesh N V (Principal In-charge, School of Ayurveda), Dr. P K Viswanathan (Principal, School of Business, Amritapuri), Dr. Rajiv Prasad (Principal, School of Business, Kochi), Shri. Suresh Kumar (Director IEM, AIMS, Kochi) could not attend the meeting. Leave of absence was granted to them.

The following decisions were taken.

44.1. Approved the minutes of the 43rd Academic Council Meeting held on December 20, 2022.

44.2. The following orders issued with approval of Vice-chancellor were ratified.
   44.2.1. Increase in seats in programmes in Allied Health Sciences. (Order No. AMRITA/UO/2023/046 dated February 20, 2023)
   44.2.2. Changing the course title for M.Sc. and M.Tech Molecular Medicine. (Order No. AMRITA/UO/2023/053 dated February 23, 2023)
   44.2.3. Order on delivery of minors for non-computer science departments. (Order No. AMRITA/UO/2023/034 dated January 27, 2023)
   44.2.4. Curriculum and syllabus for Data Science minor. (Order No. AMRTTA/UO/2023/058 dated March 06, 2023)
   44.2.5. Modified curriculum for BBA Ahead. (Order No. AMRITA/UO/2023/041 dated February 06,2023)
   44.2.6. Revised MSW Curriculum and Syllabus. (Order No. AMRITA/UO/2023/055 dated February 25, 2023)
   44.2.7. Revised curriculum & Syllabus for Int. M.Sc. Physics. (Order No. AMRITA/UO/2023/039 dated February 03, 2023)
   44.2.9 Revised curricula for the B.Sc & M.Sc Allied Health Sciences programmes (Order No. AMRITA/UO/2023/071 dt. 20.03.2023)

44.3. The following orders for new courses issued with the approval of the Dean of the Faculty concerned were ratified.
   44.3.1. Applied Analytics – Professional elective for engineering. (Order No. AMRITA/UO/2023/019 dated January 11, 2023)
44.3.2. Climate Change and Sustainability – A Modeling Perspective – Elective for PG. (Order No. AMRITA/UO/2023/023 dated January 18, 2023)

44.3.3. Nano-scale transistors – Professional elective for EAC and ECE. (Order No. AMRITA/UO/2022/321 dated December 23, 2022)

44.3.4. Thin Electronic Films – Professional elective for EAC and ECE. (Order No. AMRITA/UO/2022/321 dated December 23, 2022)

44.3.5. Film Appreciation – Free elective for engineering. (Order No. AMRITA/UO/2023/035 dated January 30, 2023)

44.3.6. Mobile Video Production – Free elective for Engineering. (Order No. AMRITA/UO/2023/035 January 30, 2023)

44.3.7. Techniques of Screen Acting- Free elective for engineering. (Order No. AMRITA/UO/2023/035 dated January 30, 2023)

44.3.8. Electives for MBA Ahead. (Order No. AMRITA/UO/2023/005 dated January 06, 2023)


44.3.10. NVH for Automotive Applications – Elective for B.Tech mechanical Engineering. (Order No. AMRITA/UO/2023/022 dated January 13, 2023)

44.3.11. Deep Learning for Computer Vision – Elective for M.Tech CSE AI and ML. (Order No. AMRITA/UO/2023/072 dated March 20, 2023)


44.3.13. Philosophical foundations of Cognitive Sciences – Ph.D. level course. (Order No. AMRITA/UO/2023/057 dated March 1, 2023)

44.3.14. Design and Analysis of Experiments – A Ph.D. level course. (Order No. AMRITA/UO/2023/002 dated January 02, 2023)

44.3.15. Discrete Geometry -Ph.D. level course. (Order No. AMRITA/UO/2023/027 dated January 19, 2023)

44.3.16. Homological Algebra – Ph.D. level course. (Order No. AMRITA/UO/2023/027 January 19, 2023)

44.3.17. Qualitative Analysis of Fractional Differential Equations – Ph.D. level course. (Order No. AMRITA/UO/2023/027 dated January 19, 2023)

44.3.18. Advanced Ring Theory – Ph.D. level course. (Order No. AMRITA/UO/2023/027 dated January 19, 2023)

44.3.19. Natural Language Processing for Indian languages using Deep Learning – Ph.D. Course. (Order No. AMRITA/UO/2023/052 dated February 23, 2023)

44.3.20. Space Plasma Physics – Ph.D. course. (Order No. AMRITA/UO/2023/037 dated January 31, 2023)

44.3.21. Entrepreneurship – Ph.D. level course. (Order No. AMRITA/UO/2023/001 dated January 02, 2023)

44.3.22. Design of Inductors – Ph.D. level course. (Order No. AMRITA/UO/2023/044 dated February 16, 2023)

44.3.23. Magnetic materials – Ph.D. Level Course. (Order No. AMRITA/UO/2023/044 dated February 16, 2023)

44.3.24. Ph.D. courses for environmental chemistry. (Order No. AMRITA/UO/2023/042
44.3.25. Live-in-lab Ph.d. level course. (Order No. AMRITA/UO/2023/064 dated March 13, 2023)
44.3.27. Research methodology for Mathematics – A Ph.D. level course. (Order No. AMRITA/UO/2023/033 dated January 24, 2023)

44.4. Approved the modified regulations for year back rule and skill training for B.Sc. and M.Sc. Allied Health Programmes.

44.5. Discussed the proposal for change of evaluation pattern in School of Computing. Decided that the Board of studies for each programme can decide on the evaluation pattern which could be different for different courses for each programme. This should be submitted to the academic council together with the curriculum for approval.

44.6. Approved the proposal received from the Faculty of Medical Sciences for starting of Fellowship programmes in Faridabad campus.

44.7. Discussed the proposal for starting Ph.D. programmes at Faridabad. The Academic Council welcomed this proposal and suggested that Ph.D. programmes of the Faculty of Medical Sciences and other Faculties could be started at the Faridabad campus.

44.8. Approved the revised curriculum for MBA 2023.

44.9. Discussed the curriculum revision needed to include meditation in Syllabus. It was decided a practical component will be added to the following three courses without altering the credits for the course.
   1. 22ADM101 – Foundations of Indian Heritage L: 2, T: 0, P:1 and the credit(Cr) remains 2.
   2. 22ADM111 – Glimpses of Glorious India L: 2, T: 0, P: 1 and the credit(Cr) remains 2.
   3. 22ADM501 – Glimpses of Indian Culture L: 2, T: 0, P: 1 and the credit(Cr) remains P/F.

44.10 The meeting decided to approve the following electives for the M.Sc. Physics.
   1. Energy Policy and Energy Audit
   2. Machine Learning
   4. Advanced Electrochemical Energy Storage Systems

44.11 The meeting discussed the problems faced by students to get bank loans sanctioned for study purposes. Many times their applications are not considered by banks for want of proof that the School in which they are studying is part of Amrita Vishwa Vidyapeetham. The meeting authorized the Registrar to issue any such certificate as and when required.

44.12 The meeting approved the revised curriculum and syllabus for MBA Ahead.
44.13 The meeting approved the curriculum and syllabus for minor in Artificial Intelligence and Machine Learning.

44.14 The meeting discussed and approved the proposal to extend the order of B.Sc.(H) programme in Molecular medicine to students admitted in the years 2020 and 2021 also.

44.15 Dr. Nava Subramaniam and Dr. Satya Krishan Ramachandran Nair explained the details of the Executive MBA and Executive Certificate Programme offered by Harward University and Amrita Vishwa Vidyapeetham.

The meeting came to a close at 01.00 p.m.

Dr. K Sankaran
Registrar
Minutes
45th Academic Council Meeting on August 18, 2023

The meeting was conducted online through Microsoft Teams. The meeting commenced at 10 a.m.

The following members participated in the meeting:
1. Dr. P Venkat Rangan, Vice Chancellor
2. Dr. K Sankaran, Registrar
3. Prof. C Parameswaran (Principal Director-CIR)
4. Dr. Maneesha Sudheer (Provost, Strategic Initiatives)
5. Dr. R Dhandapani, Controller of Examinations
6. Dr. Bipin Nair (Dean, School of Biotechnology, Amritapuri)
7. Dr. Sasangan Ramanathan (Dean, School of Engineering, Coimbatore)
8. Dr. Balakrishnan Shankar (Dean, School of Engineering, Amritapuri)
9. Dr. Krishnashree Achuthan, (Dean, PG& AHEAD Programmes)
10. Dr. Nava Subramaniam (Dean, School of Management, Coimbatore)
11. Dr. Raghu Raman (Dean, School of Management, Amravati)
12. Dr. U Krishnakumar (Dean, School of Arts and Sciences, Kochi)
13. Swami. Sankaramaritananda Puri (Dean, School of Ayurveda, Amritapuri)
14. Dr. Geetha Kumar (Dean, School of Physical Sciences, Amritapuri)
15. Dr. Bhavani Rao (Dean, School of Social Behavioural Sciences, Amritapuri)
16. Dr. V P Mahadevan Pillai (Dean, School of Physical Sciences, Coimbatore)
17. Br. Anantananda Chaitanya (Director, Campus Development, Musore)
18. Dr. S N Jyothi (Associate Dean, School of Engineering, Amritapuri)
19. Dr. Sriram Devanathan (Principal, School of Engineering, Bengaluru)
20. Dr. Balagopal Varma, Principal, School of Dentistry, Kochi.
21. Dr. Sabitha M, Principal School of Pharmacy, Kochi.
22. Dr. Gireeshkumar K.P., Principal, School of Medicine, Kochi.
23. Dr. V Jayakumar, Principal, School of Engineering, Chennai.
24. Dr. Narayanankutty K, Principal, School of Physical Sciences, Amritapuri.
25. Dr. Ravindranath G, Principal, School of Arts & Sciences, Mysuru.
26. Dr. P Manoj, Dean, School of Business, Bangalore
27. Dr. K P Soman, Dean, School of Artificial Intelligence, Coimbatore
28. Dr. Vidhya Balasubramanian, Principal, School of Computing, Coimbatore
29. Dr. Sudheesh Manalil, Associate Dean, School of Agricultural Sciences, Coimbatore
30. Br. Achyutamrita Chaitanya, Principal, School of Spiritual and Cultural Studies, Amritapuri
31. Dr. S Mahadevan, Principal, School of Physical Sciences, Coimbatore.
32. Air. Cmde S R Menon (Retd.), Director, Campus Development, Coimbatore.
33. Shri. K S Rajendra Kumar, Dean Administration.
34. Dr. P K Viswanathan (Principal, School of Business, Amritapuri)
35. Dr. Dayana Das (Amrita Lakshmi), Vice Principal & HoS, SAHC, Amritpuri
36. Dr. Sheela Pavithran, Vice Principal, College of Nursing, Kochi
37. Dr. Shekar Babu, Associate Dean, School of Arts & Sciences, Mysuru
38. Dr. Gopalakrishnan E A, Vice Principal & HoS, School of AI, Bengaluru
39. Dr. Rajathilagam B, Principal, School of Computing, Amaravati
40. Dr. Lekha Viswanath, Principal, College of Nursing, Faridabad
41. Dr. Bhadra K Mishra, Principal, Medical Sciences, Faridabad
42. Dr. Rangasami P, Vice Principal & HoS, SSBS, Coimbatore
43. Dr. Kalyani Suresh, Vice Principal & HoS, SAHC, Coimbatore
44. Dr. Ramesh N V, Principal i/c, School of Ayurveda, Amritapuri
45. Dr. Prema Nedungadi, Associate Dean, School of Computing, Amritapuri
46. Dr. Swaminathan J, Associate Professor, School of Computing, Amritapuri
47. Br. Sai Ram, Amritapuri

Swami Abhayamritananda Puri (Pro Chancellor), Dr. Shantikumar Nair (Dean, School of Nano Sciences and Molecular Medicine, Kochi), Dr. Prem Nair (Provost, Medical Sciences), Br. Devidasa Chaitanya, Director, Campus Development, Amritapuri, Shri. I B Manikandan (Director, Campus Development, Chennai), Dr. Bharat Jayaraman (Dean, School of Computing, Amritapuri), Shri. G Mohan Kumar, (Dean), Dr. Rajiv Prasad (Principal, School of Business, Kochi), Prof. K T Moly (Principal, College of Nursing, Kochi), Dr. Ravishankar M, (Principal, School of Sustainable Development, Amritapuri), Swami Vinayamritananda Puri (Chairman, CDC, Chennai) could not attend the meeting. Leave of absence was granted to them.

The following decisions were taken.

45.1 The minutes of the 44th Academic Council Meeting held on March 31, 2023 were approved.
45.2 The list of graduands to be conferred with degrees, diplomas and certificates in the first convocation of the year 2023 were approved.
45.3 The following orders issued with approval of Vice-Chancellor were ratified.
   45.3.1. Approval of 4 years BSc (Hon) programme in Food Science and Nutrition.
   45.3.2. Approval of B.Sc. (Honours with Research) in Chemistry with Minors in ‘Nanotechnology’ and ‘Scientific Programming / Polymer Science’ at the Amrita School of Physical Sciences, Mysore.
   45.3.3. Approval of B.Sc. (H) Molecular Medicine.
   45.3.4. Approval of Curriculum and syllabus for B.Tech Artificial Intelligence and Data Science.
   45.3.5. Approval of starting B.Tech Computer and Communication Engineering programme at ASE Amaravati.
   45.3.6. Approval of starting B.Tech computer Science and Engineering (Cyber Security) at ASE Amritapuri.
   45.3.7. Approval for starting of B.Tech Robotics and Artificial Intelligence at ASE Amritapuri and Bangalore.
   45.3.8. Approval of curriculum and syllabus for minor in bioinformatics.
   45.3.9. Approval of certificate course titled “The Write Way – A Creative Writing Course for Beginners”.
   45.3.10. Approval of certificate course on “Review Writing”.
   45.3.11. Approval of corrected curriculum for Integrated M.Sc. Chemistry with specialisations.
   45.3.12. Approval of curriculum and syllabus for B.Sc. (H) and B.Sc. programmes in Mathematics with minor in Data Science or Computer Science.
   45.3.13. Approval of curriculum and syllabus for Minor in Entrepreneurship and Innovation.
   45.3.14. Approval of fee for minor degree.
45.3.15. Starting of Integrated M.Sc. programmes in Amaravati.
45.3.16. Approval for M.Sc. in Yoga and Cognitive Sciences.
45.3.17. Approval of a new MSc Programme in Data Science with Logistic and Supply Chain Management.
45.3.18. Approval of - Mastery Over Mind Short Term Online Course.
45.3.19. Approval of policies for standalone Certificate, Diploma and Post Graduate Diploma programmes and for multiple exits for undergraduate programmes.
45.3.20. Approval of revised curriculum for B.Pharm.
45.3.21. Approval of revised curriculum and syllabus for MSW.
45.3.22. Approval of revised curriculum and syllabus for BBA Ahead.
45.3.23. Approval of revised curriculum and syllabus for B.Sc. PMCS
45.3.24. Approval of revised regulations for B.Sc. (H) in Agriculture
45.3.25. Approval of B.Tech. Artificial Intelligence and Data Science programme in School of Artificial Intelligence at Coimbatore, Amritapuri and Bangalore.
45.3.26. Approval to start traditional One year Certificate Course on "TRADITIONAL SCULPTURE AND WOOD CARVING’.
45.3.27 Approval of Certificate course ‘Data Analytics’
45.3.28 Approval of Certificate course ‘Digital Marketing’
45.3.29 Approval of Online Certificate course “Hindu Studies”

45.4. The following orders for new elective subjects issued with the approval of the Dean of the School concerned were ratified.
45.4.1. Approval of electives for M. Com Finance and Systems Ahead.
45.4.2. Evaluation Pattern for programmes under Faculty of Arts, Humanities and Commerce.
45.4.3. Evaluation pattern for M.Sc Environmental Sciences, MSc Chemistry & Integrated MSc Chemistry.
45.4.4. Evaluation Policy for Int. M.Sc. Mathematics with minors in Data Science
45.4.5. Evaluation pattern for B.Tech CSE
45.4.6. Approval of Cognitive neuroscience and consciousness as an elective for B.Sc(H)Molecular Medicine.
45.4.7. Approval of Cognitive neuroscience and consciousness as an elective for M.Tech Molecular Medicine.
45.4.8. Approval of Ph.D course AI-driven Distributed Systems, IoT, and Blockchain
45.4.9. Approval of Ph.D, courses in Bharatiya Jnana Parampara – Indian Knowledge Systems, Introduction to Temples and Rituals and Indian Psychology.
45.4.10. Approval of Ph.D. course titled Differential Geometry.
45.4.11. Approval of Ph.D. courses Financial Literacy, Indian Financial System and Educational Technologies and E-Learning.
45.4.12. Approval of Ph.D. course titled Participatory Design Research
45.4.13. Approval of Ph.D. course titled Quantitative Data Analysis for the Social Sciences with Statistical Package for the Social Sciences.
45.4.14. Approval of Ph.D. courses titled BIODIESEL and WASTE TO ENERGY CONVERSION.
45.4.15. Approval of Ph.D. courses INTRODUCTION TO BIOMATERIALS and ELECTROMAGNETIC INTERFERENCE AND COMPATIBILITY.
45.4.16. Approval of Ph.D. courses on Introduction to Indian Scriptures, Introduction to Indian Philosophical Systems, Overview of Tantra and Yoga texts, Research Methodology for Sanskrit Philosophy and Sri Netra Tantra and Traditional system of Yoga.
45.4.17. Approval of Ph.D. course on Smart Materials and Shape memory alloys.
45.4.18. Approval of Technology Elective "Machine Learning for Finance",
45.4.19 Approval of Electives for MBA Ahead programme

45.5. Approved the proposal to approve B.Sc. Honours Microbiology with integrated systems biology as the 4th year component.

45.6. Approved revised curriculum and syllabus for B.Tech Computer Science and Engineering.

45.7. Approved revised curriculum and syllabus for B.C.A. -DS 2023

45.8. Approved B.Tech and M.Tech Curricula and syllabi for programmes under the Schools of Engineering

45.9. Discussed the new suggested format for degree certificates. It was concluded that more discussion is needed before finalising a new format. Decided to continue with the old format for this year’s convocations.

45.10. Approved the Evaluation Pattern for School of Biotechnology

45.11. Approved the proposed name change of the school from Amrita School for Sustainable Development to Amrita School for Sustainable Futures.

45.12. Approved to offer the below certification courses from the school in collaboration with UNESCO Chair on Experiential Learning for Sustainable Innovation and Development:

- Sustainable Development - Level I
- Sustainable Development - Level - II
- Disaster Resilience - Level I
- Geospatial Technologies & Internet of Things for Disaster Management

45.13. Approved the proposal to appoint International Program Head for each School who will be assisted by an International Program Coordinator assigned from Amrita Centre for International Programs.

45.14. It was decided to celebrate Amma’s birthday in a befitting manner. It was contemplated that a one-week long public service activities could be there in every campus as part of the celebrations.

Dr. K Sankaran
Registrar & Secretary, Academic Council