



Agnel Charities

Fr. C. Rodrigues Institute of Technology

(An Autonomous Institute & Permanently Affiliated to University of Mumbai)

Minutes of the 1st Academic Council Meeting

The inaugural Academic Council Meeting (ACM) of Agnel Charities Fr. C. Rodrigues Institute of Technology (FCRIT), Vashi, took place on Monday, April 29, 2024, at 10 am. The venue was the CIBA Seminar Hall, 6th Floor, Annex Building, FCRIT, Vashi. The meeting was conducted in a hybrid format.

The meeting was attended by the following Members. While three members joined remotely, the rest were present in person.

Sr. No.	Name of the Member	Designation in the Academic Council	Designation in Profession
1	Dr. S. M. Khot	Chairman	Principal-FCRIT, Navi Mumbai
2	Dr. Sudhir Sawarkar	Member	Principal, DMCE-Navi Mumbai
3	Dr. Vivek Sunnapwar	Member	Principal, KJSIT, Mumbai
4	Dr. Bhavesh Patel	Member	Principal, SAKEC, Mumbai
5	Dr. Satyanarayana Bheesette (Joined Online)	Member	Scientist, TIFR, Mumbai
6	Dr. Shashi Dugad (Joined Online)	Member	Professor, IISER-Mohali, Chandigarh
7	Dr. Ashwin Kothari	Member	Professor, VNIT, Nagpur
8	Mr. Dinesh Latkar (Joined Online)	Member	CEO & MD, Kaizen Industry, Pune
9	Dr. M. Kiruthika	Member	HOD-Computer
10	Dr. Aqleem Siddiqui	Member	HOD-Mechanical
11	Dr. Megha Kolhekar	Member	HOD-EXTC
12	Dr. Bindu S.	Member	HOD-Electrical
13	Dr. Shubhangi Vaikole	Member	HOD-IT
14	Dr. Christu Nesam	Member	HOD-Basic Science and Humanities
15	Dr. Lata Raha	Member	Professor & Dean – Student and Alumni
16	Dr. Sushil Thale	Member	Professor & Dean-R&D and Industry Liasoning
17	Dr. Nilaj Deshmukh	Member	Professor & Dean – Admin and Faculty
18	Dr. Mini Rajeev	Member	Associate Professor
19	Dr. Pranali Chaudhari	Member	Associate Professor
20	Dr. Chhaya Pawar	Member	Associate Professor
21	Mr. Mathewlal T.	Member	Controller of Examination-FCRIT
22	Dr. Milind Shah	Member Secretary	Dean-Academics-FCRIT
The following invitees were present			
23	Fr. Seby Rodrigues	Invitee	Assistant M. D. ATEC, Vashi

Sector - 9A, Vashi, Navi Mumbai – 400 703, INDIA.

Telephone: 022-2777 1000, 2766 1924, 2766 0618. | Email : principal@fcrit.ac.in | Website: www.fcrit.ac.in

Leave of absence was granted to the following Member.

01	Dr. Krishnan S.	Member	Associate Professor
----	-----------------	--------	---------------------

The Agenda for the ACM was as below:

Item Number-1	Resolution to offer B. Tech / M. Tech degrees instead of B. E./ M. E.
Item Number-2	Approval of Curriculum Structure and Examination Scheme for B. Tech Programs offered at FCRIT in Autonomy.
Item Number-3	Approval of the detailed First Year and Second Year syllabus forwarded by the BOS Chairperson.
Item Number-4	Approval of Rules/Regulations, Curriculum Structure and Examination Scheme for Honours/Minor/Honours in Research Specialization under B. Tech Degree.
Item Number-5	Approval of Curriculum Structure and Examination Scheme for M. Tech Programs offered at FCRIT.
Item Number-6	Approval of Academic Handbook describing Rules and Regulations for Academics and Examinations.
Item Number-7	Approval to follow the current R2019 Mumbai University Syllabus for the Third year and Final year of existing programs and conducting examinations as per the examination scheme approved by the University of Mumbai.
Item Number-8	To nominate subject experts from outside the parent Universities in the BoS of all the Departments.
Item Number-9	Any other point with the permission of the Chair.

Chairman Dr. S. M. Khot initiated the meeting by extending a cordial welcome to the esteemed members of the Academic Council. Dr. Milind Shah, Dean-Academics, then introduced both external and internal Academic Council members. Following this, Dr. Khot formally declared the meeting open and directed Dr. Milind Shah to proceed with presenting the agenda.

The Academic Council duly recorded the following transactions:

Item Number-1	<p>Resolution to offer B. Tech / M. Tech degrees instead of B. E./ M. E.</p> <p>The Dean of Academics introduced the degree nomenclatures for undergraduate courses before autonomy and outlined the proposed nomenclatures to be offered post-autonomy.</p> <p>After a discussion, all members unanimously agreed that the engineering program titles at the undergraduate and postgraduate levels in autonomy will be B. Tech and M. Tech, respectively.</p> <p>The resolution was proposed by Dr. Lata Ragha and seconded by Dr. Vivek Sunnapwar.</p>
Item Number-2	Approval of Curriculum Structure and Examination Scheme for B. Tech Programs offered at FCRIT in Autonomy.

	<p>The Dean of Academics outlined the key aspects of the B. Tech curriculum, aligning it with the principles of NEP-2020. He introduced the curriculum framework and examination pattern from the first year to B. Tech level across all programs offered at FCRIT under autonomy.</p> <p>The assembled members appreciated the structure of the curriculum and examination patterns for undergraduate programs, sharing their perspectives. Prof. Sunnapawar stressed the importance of harmonizing the Mathematics curriculum with the technical course requisites, noting that Mathematics instructors have already incorporated these changes. Prof. Shashi and Mr. Dinesh underscored the necessity of including a course on entrepreneurship development, which was confirmed to be already integrated into the curriculum. Mr. Dinesh expressed his willingness to contribute as an industry expert in developing and delivering course content for this endeavor. Prof. Kothari proposed retaining general titles for programming skill labs, such as C and Java, advocating for flexibility in credit completion and options for fast learners. It was suggested that the Board of Studies compile a list of MOOC courses to be offered, each with a minimum duration of 40 hours, with the Institute defining credits and conducting exams for these courses.</p> <p>After incorporating minor corrections, all members unanimously approved the proposed curriculum structure and examination schemes and resolved that following programs curriculum structure and examination scheme has been approved which was proposed by Dr. Sushil Thale and seconded by Dr. Ashwin Kothari.</p> <p>2.0: First Year (Common for all the UG Branches) 2.1: B. Tech Computer Engineering 2.2: B. Tech Mechanical Engineering 2.3: B. Tech Electronics and Telecommunication Engineering 2.4: B. Tech Electrical Engineering 2.5: B. Tech Information Technology</p>
Item Number-3	<p>Approval of the detailed First Year and Second Year syllabus forwarded by the BOS Chairperson.</p> <p>The curriculum development process was outlined, emphasizing the adoption of Outcome-Based Education (OBE) and active engagement with stakeholders by faculty members. This approach, following a top-down methodology, involved rigorous quality assessments overseen by the chairpersons of the Board of Studies (BoS) and the Principal.</p> <p>The curriculum development process encompassed several key steps. Initially, program outcomes were identified to provide a solid foundation for curriculum design. Following this, learning outcomes were established for each course module, specifying the expected knowledge and skills to be</p>


	<p>acquired by students. These outcomes were then meticulously aligned with performance indicators outlined in the Examination Reforms document of AICTE, ensuring a comprehensive framework for assessment and evaluation. Lastly, the course outcome was delineated, highlighting the overarching objectives of the course and underscoring its significance in promoting student learning and growth.</p> <p>Dean-Academics provided an illustrative sample syllabus for both theory and laboratory courses, showcasing the aforementioned curriculum development methodology. Subsequently, detailed syllabi for the first and second years across all undergraduate branches were presented.</p> <p>All members expressed their appreciation for the unique and consistent syllabus design philosophy upheld by the teachers across all departments.</p> <p>Dr. Kothari proposed ensuring that the syllabi cover the respective GATE curriculum. Dr. Shashi stressed the importance of raising awareness about the mandatory requirement of GATE in many organizations.</p> <p>The committee members unanimously endorsed the first and second-year curriculum of the following programs, which had already received approval from the respective Boards of Studies. This resolution was proposed by the HODs of respective departments and seconded by Dr. Sudhir Sawarkar.</p> <p>3.0: Approved the FY Syllabus 3.1: Approved the SY Computer Engineering Syllabus 3.2: Approved the SY Mechanical Engineering Syllabus 3.3: Approved the SY Electronics and Telecommunication Engineering Syllabus 3.4: Approved the SY Electrical Engineering Syllabus 3.5: Approved the SY Information Technology Syllabus</p>
Item Number-4	<p>Approval of Rules/Regulations, Curriculum Structure and Examination Scheme for Honours/Minor/Honours in Research Specialization under B. Tech Degree.</p> <p>Dean-Academics presented the proposed Honours / Minor / Honours in Research Specialization in B. Tech Degrees with the requirement of additional 18 credits. He showed its mapping with existing degrees and presented regulation in connection with eligibility for the Honours/Minor/Honours in Research degrees. Finally, the scheme and courses for each of the Honours/Minor degrees were presented.</p> <p>Dr. Ashwin suggested to shift Research Methodology subject prior to semester 7.</p>

	<p>The proposed structure and examination scheme of Honours and Minor degree in various specializations has been approved. The resolution for approval has been proposed by Dr. Nilaj Deshmukh and seconded by Dr. Bhavesh Patel.</p> <p>The proposed structure and examination scheme for the Honours in Research Degree Program was approved in principle subject to submission of a detailed modality for the Honours in Research Degree to the Academic Council.</p>
Item Number-5	<p>Approval of Curriculum Structure and Examination Scheme for M. Tech Programs offered at FCRIT.</p> <p>The Curriculum Structure and Examination Scheme for the M. Tech programs in 'Mechanical Engineering (Machine Design)' and 'Electrical Engineering (Power Electronics and Drives)' were presented.</p> <p>Committee members unanimously approved the FY and SY curriculum for (a) 5.1: M. Tech in 'Mechanical Engineering (Machine Design)'; (b) 5.2: M. Tech in 'Electrical Engineering (Power Electronics and Drives)'. The resolution was proposed by Dr. Chhaya Pawar and seconded by Dr. Vivek Sunnapwar.</p>
Item Number-6	<p>Approval of Academic Handbook describing Rules and Regulations for Academics and Examinations.</p> <p>The Dean of Academics presented specific rules and regulations for Academics and Examinations such as: evaluation, grade compilation, promotion policies, and the appointment of paper setters and examiners.</p> <p>Dr. Kothari and other members raised their concern about some of the rules and regulations and proposed following modifications:</p> <ol style="list-style-type: none"> 1. Promotion Policy: The members emphasized the need for clarity regarding the minimum number of credits required for promotion of a student to third year and final year. After discussion all agreed to minimum 50% of credits should have been acquired by a student (i) till semester 4 for promotion to TY and (ii) till semester 6 for promotion to final year. Additionally, it was decided to form a committee called "Academic Adherence Committee" at the Institute level to take care of special cases related to not fulfillment of said rules and regulations. The proposed composition of this committee will be (a) Dean-Academics (Chairperson); (b) Controller of Examinations (Member); (c) Respective Department HOD (Member); and (d) Associate Dean-Academics (Member Secretary). 2. Grade Penalty: The members felt that implementing a grade penalty due to illness or emergencies contradicts principles of natural justice and should be avoided for Re-Examination and Summer Special

	<p>Examinations. After discussion all agreed that grade penalty will not be applicable for Re-Examination and Summer Special Examinations.</p> <p>3. Special Cases: All provisions for physically disabled students must be clearly outlined in the examination rules and regulations to ensure their fair treatment and access to examinations.</p> <p>All the members approved above changes to be accommodated in the rules and regulations for academics and examinations handbook. Finally resolution has been passed to approve rules and regulations for academics and examinations with these minor changes, which was proposed by Mr. Mathewlal T. and seconded by Dr. Sudhir Sawarkar.</p>																																												
Item Number-7	<p>Approval to follow the current R2019 Mumbai University Syllabus for the Third year and Final year of existing programs and conducting examinations as per the examination scheme approved by the University of Mumbai.</p> <p>Committee members unanimously approved the request to follow the current R2019 Mumbai University Syllabus for the Third year and Final year of existing programs and conducting examinations as per the examination scheme approved by the University of Mumbai. This resolution was proposed by Dr. Mini Rajeev and seconded by Dr. Bhavesh Patel.</p>																																												
Item Number-8	<p>To nominate subject experts from outside the parent Universities in the BoS of all the Departments.</p> <p>Academic Council members unanimously approved the nomination of the following subject experts from outside the parent Universities in the respective programs BoS.</p> <table border="1" data-bbox="405 1333 1390 1635"> <thead> <tr> <th colspan="4">Department of Computer Engineering</th> </tr> <tr> <th>Sr. No.</th> <th>Name</th> <th>College/ University</th> <th>Designation</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>Dr. Sunita Barve</td> <td>MIT-Pune</td> <td>Professor in Computer Engg and Deputy Director-Academics and Research</td> </tr> <tr> <td>02</td> <td>Dr Irfan Siddavatam</td> <td>Somaiya School of Design, Somaiya Vidyavihar University</td> <td>Professor and Director</td> </tr> </tbody> </table> <table border="1" data-bbox="405 1662 1398 1843"> <thead> <tr> <th colspan="4">Department of Mechanical Engineering</th> </tr> <tr> <th>Sr. No.</th> <th>Name</th> <th>College/University</th> <th>Designation</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>Dr. P. Sakthivel</td> <td>Vellore Institute of Technology</td> <td>Associate Professor</td> </tr> <tr> <td>02</td> <td>Dr. Nitesh Yelve</td> <td>IIT Bombay, Mumbai</td> <td>Assistant Professor</td> </tr> </tbody> </table> <table border="1" data-bbox="405 1900 1390 2009"> <thead> <tr> <th colspan="4">Department of Electronics and Telecommunication Engineering</th> </tr> <tr> <th>Sr. No.</th> <th>Name</th> <th>College/University</th> <th>Designation</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Department of Computer Engineering				Sr. No.	Name	College/ University	Designation	01	Dr. Sunita Barve	MIT-Pune	Professor in Computer Engg and Deputy Director-Academics and Research	02	Dr Irfan Siddavatam	Somaiya School of Design, Somaiya Vidyavihar University	Professor and Director	Department of Mechanical Engineering				Sr. No.	Name	College/University	Designation	01	Dr. P. Sakthivel	Vellore Institute of Technology	Associate Professor	02	Dr. Nitesh Yelve	IIT Bombay, Mumbai	Assistant Professor	Department of Electronics and Telecommunication Engineering				Sr. No.	Name	College/University	Designation				
Department of Computer Engineering																																													
Sr. No.	Name	College/ University	Designation																																										
01	Dr. Sunita Barve	MIT-Pune	Professor in Computer Engg and Deputy Director-Academics and Research																																										
02	Dr Irfan Siddavatam	Somaiya School of Design, Somaiya Vidyavihar University	Professor and Director																																										
Department of Mechanical Engineering																																													
Sr. No.	Name	College/University	Designation																																										
01	Dr. P. Sakthivel	Vellore Institute of Technology	Associate Professor																																										
02	Dr. Nitesh Yelve	IIT Bombay, Mumbai	Assistant Professor																																										
Department of Electronics and Telecommunication Engineering																																													
Sr. No.	Name	College/University	Designation																																										

01	Dr. Ketan Kotecha	Symbiosis International (Deemed University)	Dean-Faculty of Engineering; Professor and Director-SIT
02	Dr. Ameya Naik	KJ Somaiya CoE, Somaiya Vidyavihar University	Professor
Department of Electrical Engineering			
Sr. No.	Name	College/University	Designation
01	Dr. Preetha P. K.	Amrita Vishwa Vidyapeetham, Amritapuri, Kollam, Kerala	Associate Professor
02	Dr. Ramesh G. Karandikar	K. J. Somaiya College of Engineering, Somaiya Vidyavihar University.	Professor
Department of Information Technology			
Sr. No.	Name	College/University	Designation
01	Dr. Parikshit Mahalle	Vishwakarma Institute of Information Technology, Savitribai Phule Pune University, Pune	Dean, R &D, Professor and Head, Department of Artificial Intelligence and Data Science
02	Dr. Sangita Chaudhari	Ramrao Adik Institute of Technology, D.Y. Patil deemed University, Nerul	Professor & Head, Department of Information Technology
The above resolution was proposed by Dr. Pranali Choudhary and seconded by Dr. Ashwin Kothari.			
Item Number-9	Any other point with the permission of the Chair. With no further topics for discussion, the Chairman expressed gratitude to all external and internal members for their valuable input. The meeting concluded at 2.0 pm.		

8E 16-05-2024
Dr. Milind Shah
 Member Secretary-Academic Council
 Dean-Academics


Dr. S. M. Khot
 Chairman-Academic Council
 Principal-FCRIT