



CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

(Formed under Gujarat State Act No. 8 of 2009)

CHARUSAT Campus, Off. Nadiad-Petlad Highway,
Changa -388 421,
District Anand

MINUTES OF THE 25TH ACADEMIC COUNCIL MEETING

Date : Friday, 16th December, 2022 at 02.30 p.m.

Venue : Board Room, CMPICA, CHARUSAT, Changa
Offline / Online through Zoom link

The 25th meeting of Academic Council of Charotar University of Science and Technology (CHARUSAT) was held on Friday, 16th December, 2022 at 02.30 p.m. in offline/ online mode at Board Room of CMPICA.

Following members were remained present:

1	Dr. R.V. Upadhyay	Chairman	Provost
2	Shri Ashok Patel	Member	Advisor, Charusat
3	Dr. B.G. Patel	Member	Advisor, Charusat
4	Mr. Bipin Mehta	Invitee	Eminent Academician nominated by Provost
5	Dr. Manjunath Prabhu	Invitee	Eminent Academician nominated by Provost
6	Dr. Mukesh Patel	Invitee	Eminent Academician nominated by Provost
7	Dr. Y.P. Kosta	Member	Principal, Chandubhai S. Patel Institute of Technology
8	Dr. Vijay Chaudhary	Member	Dean, Faculty of Technology & Engineering
9	Dr. Atul Patel	Member	Dean, Faculty of Computer Science and Applications
10	Dr. Balaganapathy	Member	Dean, Faculty of Medical Sciences
11	Dr. Manan Raval	Member	Dean, Faculty of Pharmacy
12	Dr. Gayatri Dave	Member	Dean, Faculty of Science
13	Dr. Bhaskar Pandya	Member,	Dean, Faculty of Management Studies
14	Dr. Darshan Patel	Member	Dean, Research
15	Dr. J.P. Chaudhari	Member	Coordinator, CSRTC
16	Dr. Kinnari Parekh	Member	HoD, Dr.K.C. Patel Research & Development Centre
17	Dr. Ashwin Makwana	Member	HoD, Human Resource Development Centre
18	Mr. Robert Parmar	Member	Coordinator, Charusat Rural Education Development Programme
19	Dr. Mayur Sutaria	Member	Coordinator, IQAC
20	Dr. Vijay Panchal	Member	Chairman, Board of Studies in Civil Engineering
21	Dr. Palash Mandal	Member	Principal, P.D. Patel Institute of Applied Sciences
22	Dr. Mrunali Patel	Member	Teacher, Faculty of Pharmacy
23	Dr. Binit Patel	Member	Teacher, Faculty of Management Studies
24	Dr. Sanskruti Patel	Member	Teacher, Faculty of Computer Science and Applications
25	Dr. Prakash V.	Member	Teacher, Faculty of Medical Sciences
26	Dr. Nilay Patel	Member	Chairman, Board of Studies in Electrical Engineering
27	Dr. Trushit Upadhyay	Member	Chairman, Board of Studies in EC Engineering
28	Dr. Ritesh Patel	Member	Chairman, Board of Studies in Computer Engineering
29	Dr. Amit Thakkar	Member	Chairman, BoS in Computer Science and Engineering
30	Dr. Parth Shah	Member	Chairman, BoS in Information Technology Engineering
31	Dr. Jalpa Suthar	Member	Chairman, BoS in Pharmacology and Clinical Pharmacy

32	Dr. Rashmin Patel	Member	Chairman, BoS in Pharmaceutical Chemistry and Pharmacognosy
33	Dr. Abhishek Dadhania	Member	Chairman, BoS in Chemical Science
34	Dr. Aditi Buch	Member	Chairman, BoS in Biological Science
35	Dr. C.K. Sumesh	Member	Chairman, BoS in Physical Science
36	Dr. Krunal Kachhia	Member	Chairman, BoS in Mathematical Science
37	Dr. Pranav Desai	Member	Chairman, BoS in Entrepreneurship & New Venture Management
38	Dr. Sheetal Thomas	Member	Chairman, BoS in Finance Management
39	Dr. Bhaveshkumar Parmar	Member	Chairman, BoS in Marketing Management
40	Dr. Reshma Sable	Member	Chairman, BoS in Human Resource Management
41	Dr. Dharmendra Patel	Member	Chairman, BoS in Computer Science and Applications
42	Dr. Anil Sharma	Member	Chairman, BoS in Nursing and Principal, Manikaka Topawala Institute of Nursing
43	Dr. Karan Morje	Member	Chairman, BoS in Operation Theatre and Anesthesia Technology
44	Dr. Jaydevsinh Pargara	Member	Chairman, BoS in Optometry
45	Dr. Dolly Sharma	Member	Chairman, BoS in Medical Radiology and Imaging Technology
46	Dr. Dhara Patel	Member	Chairman, BoS in Medical Laboratory Technology
47	Dr. Samir Patel	Member	Chairman, Board of Studies in Pharmacy
48	Dr. Nirav Bhatt	Invitee	Asst. Professor, Department of IT, Charusat
49	Dr. Devang Joshi	Member Secretary	Registrar

Following members could not remain present.

1	Dr. M.C. Patel	Special Invitee	Secretary, Kelavani Mandal
2	Shri Virendrabhai Patel	Member	Governing Body Member
3	Shri H.T. Patel	Member	Board of Management Member
4	Dr. Datta Madamwar	Invitee	Scientific Advisor
5	Dr. R.M. Patel	Member	Coordinator, Ph.D. Programmes
6	Dr. Gayatri Patel	Member	Chairman, BoS in Pharmaceuticals

INITIATION:

The Provost welcomed all the members and invitees to the 25th Academic Council Meeting. The meeting proceeded with the agenda.

AGENDA, PROCEEDINGS AND RESOLUTIONS:

Agenda No.25.22.01: **For confirmation:** Minutes of 24th Academic Council Meeting held on Monday, 20th June, 2022.

Proceeding & Resolution No.25.22.01:

The 24th meeting of Academic Council was held on Monday, 20th June, 2022. The minutes were circulated on 2nd July, 2022. As there were no comments received from any member, the minutes were confirmed by the Academic Council.

Agenda No.25.22.02: For confirmation: Action taken on the agenda items of the 24th Academic Council Meeting held on Monday, 20th June, 2022.

Resolution No.25.22.02:

- (i) The Head of Department of Computer Engineering and Head of Department of Information Technology Engineering under Faculty of Technology & Engineering were requested to give elaborated details about item no.24.22.03. [i.e. (2) course contents and pedagogy so that CHARUSAT graduates absorbed globally, and (3) result analysis should be critically done as extremely good and extremely poor results are indicative of problems in academic systems.]
- (ii) The action taken report of the 24th Academic Council Meeting was noted and approved by the Council.

Agenda No.25.22.03: For discussion and approval: Minutes of Faculty Boards & Board of Studies:

Proceedings No.25.22.03: The agenda was transacted by respective Deans /Principals as under:

(1) Faculty of Technology and Engineering:

Proceedings No.25.22.03 (1):

Dean, Faculty of Technology and Engineering was requested to give brief information of the 18th Faculty Board for FTE held on 3rd December 2022. The Dean of FTE presented summary of the minutes of Faculty Board. The salient features of the meeting shared by the Dean are :

- i. M.S. Patel Department of Civil Engineering has introduced the "Post Graduate Diploma in Environmental Auditing, Monitoring & Technology (PGDEAMT)" program in collaboration and consultation with Gujarat Pollution Control Board (GPCB), Gandhinagar for the academic year 2023-24.
- ii. M & V Department of Electrical Engineering has developed "Cables & Wire Testing Laboratory" with the following objectives:
 - ▶ To offer testing consultancy to cable industries.
 - ▶ To enhance the skills on different quality assurance testing conducted on cable and wire.
 - ▶ To provide the certification training course on "Cable and Wire Testing".
 - ▶ To cater skilled man power to cable and wire industries.

- iii. Micro projects are introduced as a new pedagogy for each course, which built up the various skill sets required to develop the industry-identified and job-focused competencies.
- iv. Chandubhai S. Patel Institute of Technology has been rated as a 5-star Institute in the category of "ENGINEERING" on the basis of comprehensive performance in the Gujarat State Institutional Ratings Framework (GSIRF) in 2022 by the Knowledge Consortium of Gujarat (KCG), Department of Education, Government of Gujarat.

Resolution No.25.22.03 (1):

- (i) The Council appreciated the design thinking course. It further directed that its principles should be imbibed in all the courses.
- (ii) The details about laboratories have to be accompanied by the pictures.
- (iv) The Council approved the Faculty Board minutes of 18th Faculty Board meeting for FTE held on 3rd December 2022.

(2) Faculty of Pharmacy:

Proceedings No.25.22.03 (2):

Dean, Faculty of Pharmacy was requested to give brief information of the 29th Faculty Board for Faculty of Pharmacy held on 20th October, 2022. The Dean of FPH presented summary of the minutes of Faculty Board. The salient features of the meeting shared by the Dean are:

- i. The board members approved the minutes of 28th Faculty Board meeting.
- ii. Review of summary of question paper analysis and result analysis of examinations conducted in summer 2022.
- iii. The innovative teaching methods adopted at the institute were discussed in the meeting.
- iv. Reviewed the summary of feedback received from the stakeholders and placement status.
- v. Reviewed the presented data on attainment of programme outcomes.
- vi. Improvement in the attainment values.
- vii. Recommended the syllabus of a certificate course entitled Practical Approaches for Separation of Pharmaceuticals for approval to the Academic Council.
- viii. Panel of examiners proposed for the thesis to be submitted by the research scholars were reviewed and approved.

Resolution No.25.22.03 (2):

The Council approved the Faculty Board minutes of the 29th Faculty Board of Pharmacy held on 20th October 2022.

(3) Faculty of Science:

Proceedings No.25.22.03 (3):

Dean, Faculty of Science was requested to give brief information of the 23rd Faculty Board for FOS held on 26th November 2022. The Dean of FOS presented summary of the minutes of Faculty Board. The salient features of the meeting shared by the Dean are:

- i. Proposal for 2+2 dual degree program in Medical Biotechnology in collaboration with Harrisburg University of Science and Technology.
- ii. Proposal for Introduction of department-wise 'Best Thesis award' for Post-Graduate Dissertation including certificate and cash prize.
- iii. Proposal for yearly two intake for Ph.D. programme under Faculty of Science.
- iv. Proposal for establishment of Bioinformatics Laboratory and the server and expert facility for PDPIAS students [Seeking collaboration from other Institutes of CHARUSAT].
- v. To make the space for various MOUs with SCI-Genome and GBRC, the theory courses for fourth semester of M.Sc. programme would be transformed to online mode.
- vi. OBE parameter and its execution should be redefined for the program of Faculty of Science.
- vii. Seeking In-principle the approval for M.Sc. – Ph.D. / B.Sc. (four years) , Ph.D. programme with the exit options at various level for Physics.

Resolution No.25.22.03 (3):

- (i) Provost exhorted the Dean, FOS and Principal, PDPIAS to study the new regulations of University Grants Commission regarding the duration of Bachelor programmes.
- (ii) Several proposals as included in Minutes of Faculty Board were in-principle approved. The detailed proposals are to be sent for further approval process.
- (iii) Provost asked Dean, FOS and Principal, PDPIAS to submit a proposal for B. Tech. plus M.Sc. programme.
- (iv) The Council approved the Faculty Board minutes of the 23rd Faculty Board of Science held on 26th November 2022.

(4) Faculty of Computer Science and Applications

Proceedings No.25.22.03 (4):

Dean, Faculty of Computer Science and Applications was requested to give brief information of the 22nd Faculty Board for FCA held on 24th September, 2022. The Dean of FCA presented summary of the minutes of Faculty Board. The salient features of the meeting shared by the Dean are:

- i. Detailed syllabi of 3rd & 4th year courses of BCA and B.Sc. IT Programmes and 2nd year courses of MCA and M.Sc.IT Programmes.
- ii. Designing of BCA and B.Sc.IT programmes as per the NEP-2020 guidelines.

- iii. Research oriented and software project development related courses are kept in higher semesters in undergraduate programmes.
- iv. Introduced advanced technological courses like Data Science, Smart Contracts in Block Chain Technology, Advanced Game Development in PG programmes. Suggestions received from experts relating to syllabi are :
 - ▶ Ensure the horizontal and vertical expansion of the syllabus.
 - ▶ Include other tools for visualization in Data Science course.
 - ▶ Make sure that students get proper applications of Document Databases.
 - ▶ Give exposure of Robotic Process Automation (RPA) to students.
 - ▶ Operations related to Green Computing should be designed.
 - ▶ Testing of Game application should be incorporated in the syllabus.
- v. Discussion on question paper quality, CO-OP attainment, result analysis, placement statistics, examiner panel in addition to feedback analysis of all stakeholders i.e. academic experts, alumni and Industry experts.
- vi. Attainments statistics of odd and even semesters of 2021-22.
- vii. Strengthening the attainment of Indirect programme outcomes by adopting efficient measurement techniques.

Resolution No.25.22.03 (4):

The Council approved the Faculty Board minutes of the 22nd Faculty Board of Computer Science and Applications held on 24th September, 2022.

(5) Faculty of Management Studies

Proceedings No.25.22.03 (5):

Dean, Faculty of Management Studies was requested to give brief information of the Faculty Board for Management Studies held on 29th September, 2022. The Dean of FMS presented summary of the minutes of Faculty Board. The salient features of the meeting shared by the Dean are:

- i. Revised **Course Structure** of the Postgraduate Program in Management – Master of Business Administration effective from the academic year 2022-23.
- ii. **Revised / New Syllabi** of the Courses offered to the students of First Year MBA Program from the academic year 2022-23.
- iii. **2-Credit (30 Hours) Certificate Courses** in Finance, HR, and Entrepreneurship and New Venture Management to be offered in Online / Offline / Blended mode. The Courses are;
 - a) Finance for Beginners
 - b) Indian Stock Market
 - c) Leading with Emotional Intelligence and Resilience
 - d) Entrepreneurship and New Venture Management

- iv. **4-Credit (60 Hours) Certificate Course in Data Science and Analytics** to be offered in Offline / Blended mode. All Certificate Courses will be offered with an effective mixt of Internal as well as External Resource Persons.
- v. Report / Updates – **Charusat Startup and Innovation Centre (CSIC)** - A glimpse of the activities carried out during the last academic year (2021-22) and since inception is as follows:

Sl. No.	Particulars	2021-22	Total
		No. of Participants	
1	Outreach and Sensitization towards Entrepreneurship	3242	12614
2	Student Start-ups Supported	56	236
3	Innovation Supported at PoC (Proof of Concept) Stage	78	276
4	Innovative Student Projects Supported	192	1049
5	Capacity Building Programs	52	172
6	Online Certificate Course	1	1
7	International Training Programs	3	3

Resolution No.25.22.03 (5): The Council approved the Faculty Board for Faculty of Management Studies held on 29th September, 2022.

(6) Faculty of Medical Sciences

Proceedings No.25.22.03 (6):

Dean, Faculty of Medical Science was requested to give brief information of the 6th Faculty Board for Medical Sciences held on Wednesday, 22nd November, 2022. The Dean of FMD presented summary of the minutes of Faculty Board. The salient features of the meeting shared by the Dean are:

- i. Organising a conference at national or international level under the faculty with common theme.
- ii. Scientific program from any institute can be shared across institutes.
- iii. Common Training program for few areas will be identified and organized.

Dean, Faculty of Medical Sciences further requested to the Principal of Manikaka Topawala Institute of Nursing Principal of Bapubhai Desaibhai Patel Institute of Paramedical Sciences to present the details of their respective Board of Studies in Nursing and Paramedical Sciences. The salient features of Board of Studies are :

Department of Nursing – MTIN :

- i. In-depth discussion held on New syllabus proposed by INC to implement from 2022-23 and approved the teaching and examination scheme of First and Second semester B.Sc. Nursing.
- ii. Teaching and examination schemes reviewed and approved for other semesters of B.Sc. Nursing & M.Sc. Nursing.

Department of Paramedical Sciences - BDIPS :

- i. Introducing medical image processing course of two credits in the 5th Semester under Department of Medical Imaging Technology.
- ii. Introducing Basics of Management course of 2 credits in the 6th Semester in Department of Optometry in BDIPS.
- iii. Introducing community outreach programs in even semester in Department of OTAT in BDIPS.
- iv. Introducing Medical Image processing course of 2 credits in the 5th Semester in Department of MIT in BDIPS.

Department of Physiotherapy- ARIP :

- i. Participatory learning and problem based learning has been incorporated in BPT and MPT program in ARIP.
- ii. Effective Implementation of OBE from next academic year 2023-24 in ARIP.
- iii. Introduction of innovative pedagogy enhancing the learning experience of students.

Resolution No.25.22.03 (6):

The Council approved the 6th Faculty Board for Medical Sciences held on 22nd November, 2022.

General Resolution 25.22.03:

- (i) The resolutions of Board of Studies and Faculty Boards have to be outcome based so that its execution can be monitored.

Agenda No.25.22.04: For approval: Minutes of 19th Examination Reforms Committee held on Friday, 23rd September 2022 at Conerence Room, IIIM, Charusat.

Proceeding & Resolution No.25.22.04:

- (i) The Academic Council Approved the Minutes of 19th Examination Reforms Committee held on Friday, 23rd September 2022.
- (ii) The Academic Council emphasized that the fees payment schedules have to be strictly followed by students. All the checks and balance as built-in the E-goverance system have to be exercised for that.

Agenda No.25.22.05: For discussion: CHARUSAT Credit Transfer Policy.

Proceeding No.25.22.05

Dr. Nirav Bhatt, Teacher of Department of IT, CSPIT was requested to present the details of the UGC regulation on the Credit Framework for online learning courses through SWAYAM Regulations, 2021. Dr. Bhatt has presented the details.

Resolution No.25.22.05

The Academic Council resolved to implement the Credit Framework for online learning courses through SWAYAM Regulations, 2016. The Provost shall be forming a committee for implementation.

Agenda No.25.22.06: Any other matter with the permission of the Chair.

Proceeding No.25.22.06: There was no matter to be discussed.

As there was no other item/s the meeting ended with a vote of thanks to the Chair.



Devang Joshi
Registrar

Date : 22-12-2022