

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

MINUTES

29TH MEETING OF ACADEMIC COUNCIL

13th September, 2024 (i.e Friday)

10:30 a.m.

CHARUSAT CAMPUS

CHARUSAT UNIVERSITY

Minutes of the Twenty-ninth meeting of the Academic Council of CHARUSAT University held on 13th September, 2024 at 10.30 a.m. in the Conference Room of CMPICA on the University Campus when following remained present

1.	Dr. R.V. Upadhyay	Chairperson	Provost, CHARUSAT University
2.	Dr. B.G. Patel	Member	Advisor, CHARUSAT University
3.	Dr. R.M. Patel	Member	Advisor, CHARUSAT University
4.	Dr. Vijay Chaudhary	Member	Dean, Faculty of Technology & Engineering
5.	Dr. Sanskruti Patel	Member	Dean, Faculty of Computer Science and Applications
6.	Dr. Dhara Patel	Member	Dean, Faculty of Medical Science
7.	Dr. Samir Patel	Member	Dean, Faculty of Pharmacy
8.	Dr. Gayatri Dave	Member	Dean, Faculty of Science
9.	Dr. Reshma Sable	Member	Dean, Faculty of Management Studies
10.	Dr. Bhaskar Pandya	Member	Dean, Faculty of Humanities
11.	Dr. Shailesh Khant	Member	I/c Dean, Research
12.	Dr. Trushit Upadhyaya	Member	Principal , Chandubhai S. Patel Institute of Technology
13.	Dr. Bankim Patel	Member	Principal, Devang Patel Institute of Advanced Technology and Research and Chairman, Board of Studies in Computer Science and Information Technology
14.	Dr. Anil Sharma	Member	Principal, Manikaka Topawala Institute of Nursing
15.	Dr. Dhruv Dave	Member	Principal, Ashok & Rita Patel Institute of Physiotherapy
16.	Dr. Hemant Kumar	Member	Principal , Bapubhai Desai bhai Patel Institute of Paramedical Science
17.	Dr. Abhishek Dadhania	Member	Principal , P.D. Patel Institute of Applied Sciences
18.	Dr. Binit Patel	Member	Principal, Indukaka Ipcowala Institute of Management (I ² IM)
19.	Dr. Manan Raval	Member	Principal, Ramanbhai Patel College of Pharmacy
20.	Dr. Dharmendra Patel	Member	Principal, Smt. Chandaben M Patel Institute of Computer Applications and Chairman, Board of Studies in Computer Science & Applications
21.	Dr. Nilay Patel	Member	Chairman, Board of Studies in Electrical Engineering
22.	Dr. Vijay Panchal	Member	Chairman, Board of Studies in Civil Engg.
23.	Dr. Nikita Bhatt	Member	Chairman, Board of Studies in Comp. Engineering
24.	Dr. Amit Thakkar	Member	Chairman, Board of Studies in Comp. Science & Engineering
25.	Dr. Upesh Patel	Member	Chairman, Board of Studies in Electronics & Communication Engineering

26.	Dr. Nirav Bhatt	Member	Chairman, Board of Studies in AMIL
27.	Dr. Jalpa Suthar	Member	Chairman, Board of Studies in Pharmacology and Clinical Pharmacy
28.	Dr. Gayatri Patel	Member	Chairman, Board of Studies in Pharmaceutics
29.	Dr. Sanjay Punjabi	Member	Chairman, Board of Studies in Chemical Science
30.	Dr. Bragdish Iyer	Member	Chairman, Board of Studies in Biological Sciences
31.	Dr. C.K. Sumesh	Member	Chairman, Board of Studies in Physical Sciences
32.	Dr. Krunal Kachhia	Member	Chairman, Board of Studies in Mathematical Sciences
33.	Dr. Ruma Pal	Member	Chairman, Board of Studies in Entrepreneurship and New Venture Management
34.	Prof. Archana Sarkar	Member	Chairman, Board of Studies in Marketing Management
35.	Dr. Jaydevsinh Pargara	Member	Chairman, Board of Studies in Optometry
36.	Dr. Dolly Sharma	Member	Chairman, Board of Studies in Medical Radiology and Imaging Technology
37.	Dr. J.P. Chaudhary	Member	Head, Charusat Space Research & Technology Centre- CSRTC
38.	Dr. Kinnari Parekh	Member	Head, Dr. K.C. Patel Research & Development Centre- KRADLE
39.	Dr. Ashwin Makwana	Member	Head, Human Resource Development Centre – HRDC
40.	Dr. Dilip Gosai	Member	Head, Charusat Rural Education Development Program
41.	Dr. Mayur Sutariya	Member	Head, IQAC Coordinator
42.	Dr. Y.P. Kosta	Member	Head, Director, University Research Cell
43.	Dr. Parth Shah	Member	Head, Dept. of Information & Technology Engineering
44.	Dr. Palash Mandal	Member	Professor, PDPIPS, Faculty of Science
45.	Dr. Atul Patel	Member Secretary	Registrar and Dean, Academics CHARUSAT University

FOLLOWING MEMBERS / INVITEE COULD NOT ATTEND THE MEETING

1.	Shri Ashok R. Patel	Member	Advisor, CHARUSAT University
2.	Shri H.T. Patel	Member	Nominated member of Board of Management
3.	Dr. Mrunali Patel	Member	Associate Professor, Faculty of Pharmacy
4.	Dr. Rashmin Patel	Member	Chairman, Board of Studies in Pharmaceutical Chemistry and Pharmacognosy
5.	Dr. Prakash V	Member	Associate Professor, Faculty of Medical Sciences
6.	Dr. Sheetal Thomas	Member	Chairman, Board of Studies in Finance Management
7.	Dr. Karan Morje	Member	Chairman, Board of Studies in Operation Theatre and Anesthesia Technology

8. Dr. Datta Madamwar Invitee Professor, CHARUSAT university

FOLLOWING INVITEES REMAINED PRESENT IN THE MEETING.

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| 1. | Dr. M.C. Patel | Secretary of Matrusanstha, Kelavani Mandal & CHRF |
| 2. | Dr. Mukesh Patel | Eminent Person |
| 3. | Dr. Manjunath Prabhu
[online] | Eminent Person |
| 4. | Dr. Bipin Mehta
[online] | Eminent Person |
| 5. | Dr. Aditi Buch | Associate Professor, P.D. Patel Institute of Applied Sciences |
| 6. | Dr. Ritesh Patel | Associate Professor, Faculty of Technology & Engineering |
| 7. | Dr. Abhilash Shukla | OSD - Exam Section |

In the beginning of the meeting, the Provost of the University and the Chairman of Academic Council – Dr. R V Upadhyay welcomed all the members. Then after, the items of the agenda were transacted and the resolutions were passed as shown below :

ITEM NO.	PARTICULARS
29.24.01	<p><u>RESOLUTION</u></p> <p>Resolved that minutes of previous meeting of the Academic Council held on 25th April, 2024 as circulated with the agenda as <i>Enclosure – I</i>, <u>be confirmed.</u></p> <p>(Note: The Chairman confirmed the minutes)</p>
29.24.02	<p><u>RESOLUTION</u></p> <p>Resolved that the note on action taken on the decisions of the previous meeting of the Academic Council held on 25th April, 2024 as circulated with the agenda as <i>Enclosure – II</i>, <u>be noted and approved.</u></p> <p>However, it is observed that as approved in the last academic council meeting {refer resol. no. 28.24.06 (A)} none of the students of B.Pharm and M.Pharm programmes have opted for SWAYAM e-courses. Hence, as informed by the Dean, Faculty of Pharmacy emphasis was made by the institute to identify courses which is persuaded by the students and the recommendation is submitted in this meeting under item no. 29.24.04 (A).</p> <p>Herein it was informed by the Registrar that Manikaka Topawala Institute of Nursing (MTIN) has received approval from the Nursing Council of India to increase their intake of B.Sc (Nursing) by 30 and hence, the revised intake for the B.Sc. (Nursing) is 90 and will be effective from this academic year i.e 2024-25.</p>
29.24.03	<p>The Dean, Faculty of Humanities informed the members that the 4th meeting of Adhoc Faculty Board of Humanities was held on 10th August, 2024. The members noted the salient features presented by the Dean and approved the minutes as circulated with the agenda as <i>Enclosure – III</i>. Then after following items were taken for deliberation and consideration ;</p>

A RESOLUTION

It was communicated to the members that to acquire and demonstrate the core linguistic skills, including critical reading and expository and academic writing skills to the students as proposed in the National Education Policy – 2020 and observing the guidelines as specified by the university; various courses under the aegis of Ability Enhancement courses, Valued Added courses and Skill Enhancement courses are defined and is being offered to all U.G and P.G programmes from the academic year 2024-25. The credit bifurcation is mentioned as under;

Particular	Credit
Ability Enhancement courses	8
Valued Added courses	6-8
Skill Enhancement courses	9

The courses are identified based on discipline relevance which is common to all UG & PG programmes. Out of defined courses, two credit of Ability Enhancement courses will be offered by the institute as elective. Considering the furnished information, it was resolved that revision in the Course Code to be offered to the students of all Professional Programmes offered by various constituent institutes of the university, to be made effective from the academic year 2024-25 and onwards as per the detail circulated with the agenda as *Enclosure – III(A)*, be approved.

B RESOLUTION

It was informed to all the members that as approved in the previous Academic Council meeting and also promoting multilingualism having global relevance, the Faculty of Humanities identified three foreign languages i.e French, Spanish and German wherein so far 332 students have studied 2-credit course on “French” and 93 students of B.B.A programme have studied 3-credit course on “German”.

Considering the preference of students for this academic year, the Faculty of Humanities have offered “French” as 2 – Credit Course to all the U.G / P.G students wherein total 136 students have opted for the said course (i.e in semester I & V). Earlier the courses were conducted by the Visiting Faculty members however considering the need, the faculty members of the institute are trained and conducting the courses on their own. In view of that it was resolved that the detail of information on offering “French” as 2 – credit course as circulated with the agenda as *Enclosure – III(B)*, be noted.

C RESOLUTION

The Dean – Faculty of Humanities furnished report on 2 – Credit Course offered in English and Communication to the students of various U.G / P.G programmes of the constituent institutes of the university and associated Rural schools under the Charusat Rural Education Development Program (CREDP). The courses were having continuous evaluations and as far as “Spoken English & Basic Computer Training Session” is concerned, the same was offered to students of Std. X of rural schools. Considering the furnished information it was resolved that report as circulated with the agenda as *Enclosure – III(C)*, be noted.

D RESOLUTION

Considering the multi-disciplinary approach and feedback received from the final year Pharmacy graduates to equip them with essential skills and knowledge required for placement, various activities such as communication, soft skills, mock interviews, resume building etc. were organised. In view of that, it was resolved that information report as circulated with the agenda as *Enclosure – III(D)*, be noted.

E RESOLUTION

It was informed to the members that considering the defined criteria, the Faculty of Humanities has proposed to introduce “Ph.D in Library and Information Science” to be made effective from the academic year 2024-25. The Teaching & Examination Scheme is in alignment with criteria as defined by the university wherein total 14 credits (i.e 8 in Sem – I and 6 in Sem-II) are being offered. Noting the furnished information it was resolved that introduction of Ph.D in Library and Information Science along with Teaching & Examination Scheme and Syllabus, to be made effective from the academic year 2024-25 be approved.

F RESOLUTION

Resolved that introduction of one year “Bachelor of Library and Information Science (B.LIS) along with Teaching & Examination Scheme and syllabus, to be made effective from the academic year 2025-26 as per the detail circulated with the agenda as *Enclosure – III(F)*, be approved.

29.24.04

The Dean, Faculty of Pharmacy informed the members that the 33rd meeting of Faculty Board of Pharmacy was held on 17th August, 2024. The members noted the salient features presented by the Dean and approved the minutes as circulated with the agenda as *Enclosure – IV*. Then after following item was taken for deliberation and consideration ;

A RESOLUTION

It was informed to all the members that to expand and enrich the academic knowledge of the students, following courses are being identified by the institute to be offered from the online platform of “SWAYAM” e-courses as an alternative to conventional elective courses to the students of B.Pharm programme. The courses will be of 2 credits and having duration of 8 weeks.

- English in Daily Life (OCBPH2006)
- Computer Aided Drug Design (OCBPH2007)
- Developing Soft Skills and Personality (OCBPH2008)
- Drug Delivery : Principles and Engineering (OCBPH2009)
- Principles of Organic Synthesis (OCBPH2010)
- Spectroscopic Techniques for Pharmaceutical and Biopharmaceutical Industries (OCBPH2011)

So far as M.Pharm programmes are concerned, it will be offered in Semester – II and hence, will be proposed for consideration in the next academic council meeting. The members noted the information and it was resolved to approve the detail as circulated with the agenda as *Enclosure – IV (A)*.

29.24.05

The Dean, Faculty of Computer Science and Applications informed to the members that the 26th meeting of Faculty Board of Computer Science and Applications was held on 17th August, 2024. The members noted the salient

features presented by the Dean and approved the minutes as circulated with the agenda as *Enclosure – V*. Then after following item was taken for deliberation and consideration ;

A RESOLUTION

Resolved that offering following Certificate course to U.G & P.G students, Faculty members and Working Professionals by the Faculty of Computer Science and Applications from January'25 and onwards as per the detail circulated with the agenda as *Enclosure – V(A)*, be approved.

Course name	Intake	Duration (in hrs.)	Course fee
Advanced Certificate in Applied AI : From Data Visualization to Generative Models	50/batch	35 hrs	Rs. 499/- per participant

In addition to above, in alignment of NEP – 2020, syllabus of Second year of B.C.A & B.Sc (IT) was briefed by the Dean which was noted and approved by the members.

29.24.06

The Dean, Faculty of Medical Science informed to the members that the 10th meeting of Faculty Board of Medical Science was held on 22nd August, 2024. The members noted the salient features presented by the Dean and approved the minutes as circulated with the agenda as *Enclosure – VI*. Then after following items were taken for deliberation and consideration ;

A RESOLUTION

Resolved that revision in the course code and teaching & examination scheme of Semester – I & II of following programmes offered by Bapubhai Desai bhai Patel Institute of Paramedical Sciences (BDIPS), to be made effective from the academic year 2024-25 and onwards, as per the detail circulated with the agenda as per *Enclosure – VI(A)*, be approved.

- B.Sc. in Medical Imaging Technology
- M.Sc. in Medical Imaging Technology
- B.Sc. in Operation Theatre and Anesthesia
- M.Sc. in Operation Theatre and Anesthesia
- B.Sc. in Medical Laboratory Technology
- M.Sc. in Medical Laboratory Technology
- Ph.D in Medical Laboratory Technology
- Bachelor of Optometry (BOP)

B RESOLUTION

Resolved that inclusion of Value Added Courses in Semester – I and observing guidelines of Indian Nursing Council, revision in the course code and teaching & examination scheme of Semester – V & VI of following programmes offered by Manikaka Topawala Institute of Nursing (MTIN), to be made effective from the academic year 2024-25 and onwards, as per the detail circulated with the agenda as *Enclosure – VI (B)*, be approved.

- B.Sc in Nursing
- Post Basic Nursing

29.24.07

The Dean, Faculty of Science informed to the members that the 27th meeting of Faculty Board of Science was held on 22nd August, 2024. The members noted the salient features presented by the Dean and approved the minutes as circulated with the agenda as *Enclosure – VII*. Then after following items were taken for deliberation and consideration ;

A RESOLUTION

Resolved that revision in the Course Code and thereby amendment in the Teaching & Examination Scheme of following programmes offered by the P. D. Patel Institute of Applied Science (PDPIAS), to be made effective from the academic year 2024-25 and onwards be approved as per the detail circulated with the agenda as *Enclosure – VII (A)*.

Sr. No.	Name of Programme	For Semester
1	Bachelor of Science (Biotechnology, Biochemistry and Microbiology)	I & II
2	Master of Science (Biotechnology, Biochemistry and Microbiology)	
3	Master of Science (Advanced Organic Chemistry)	
4	Master of Science (Physics)	
5	Master of Science (Mathematics)	III & IV
6	B.Tech (only for subject : Mathematics)	I to IV

B RESOLUTION

It was informed to the members that considering the suggestion received from the external expert of Board of Studies and feedback received from students applying for higher studies abroad, it was proposed that the nomenclature of Master of Science (Advanced Organic Chemistry) be suitably amended. In view of that it was also specified that such amendment will not make any significant change in the existing syllabus.

However, the members were of the opinion that before implementing such amendment, proper directives in terms of UGC guideline for nomenclature and industrial requirement of such specialisation can be looked into. If so desired, based on requirement; institute elective can be offered having such specialisation. In view that it was resolved that as of now the proposal of amendment in nomenclature from “Master of Science (Advanced Organic Chemistry) to “Master of Science in Chemistry (Organic Chemistry)” be referred back to the Faculty Board for reconsideration.

C RESOLUTION

The Dean briefed to the members that looking to the criteria as defined in the NEP – 2020, it is proposed that so far as B.Sc. (Honors with Research) is concerned, it is proposed that students who earn atleast 7.5 CGPA be considered as eligible for the 4th year of B.Sc. programme. Opportunity will be given to the eligible candidates limited to 40% of the total applicants who have successfully completed third year of B.Sc.

After in depth deliberation, the members approved the proposed mechanism of intake and criteria of B.Sc. (Honors with Research) with following specification.

- 1) 7.5 CGPA be considered as minimum eligibility criteria
- 2) Intake be defined based on merit, performance of students, availability of infrastructure etc.

- 3) Merit list will be prepared and students will be allotted admission accordingly.

D RESOLUTION

It was briefed by the Dean that in alignment of provision made in NEP – 2020, the institute has outline the policy for offering “Self Development” course as mandatory subject applicable to the students admitted in four year B.Sc. programme in the academic year 2025-26. The credit will be awarded to the students in the final (i.e eighth) semester and best three students will be awarded / appreciated in the annual function of the institute. In addition, the proposed teaching & examination scheme was also presented to the members for approval.

The members noted the information and it was resolved to approve the detail as circulated with the agenda as *Enclosure – VII (C)*.

In addition, the suggestion on offering Four Year B.Sc. in Chemical and B.Sc. in Physical Science was invited. After through discussion, it was suggested by the members that before proceeding with such proposal, the Dean should present details in next academic council in terms of status of admission application, need of offering such course, course content, industrial requirement etc. Hence, it was decided that after looking to all such aspects and presentation by Dean, the academic council will decide on offering of such specialisation.

29.24.08

The Dean, Faculty of Management Studies informed to the members that the 2nd meeting of Faculty Board of Management Studies was held on 30th August, 2024. The members noted the salient features presented by the Dean and approved the minutes as circulated with the agenda as *Enclosure – VIII*. Then after following items were taken for deliberation and consideration ;

A RESOLUTION

Resolved that merger of Bachelor of Business Administration–Business Analytics (BBA-BA) and Bachelor of Business Administration– Entrepreneurship and New Venture Management (BBA-ENVM) into “Bachelor of Business Administration – General”, to be made effective from the academic year 2025-26 and onwards be approved as per the detail circulated with the agenda as *Enclosure – VIII (A)*.

B RESOLUTION

Resolved that syllabus of Semester – III & IV of Bachelor of Business Administration (Online / Offline), to be made effective from the academic year 2025-26 and onwards be approved as per the detail circulated with the agenda as *Enclosure – VIII (B)*.

C RESOLUTION

Resolved that syllabus of Semester – I & II of Master of Business Administration (Online / Offline), to be made effective from the academic year 2024-25 and onwards be approved as per the detail circulated with the agenda as *Enclosure – VIII (C)*.

D RESOLUTION

Resolved that syllabus of “BMUV101: Emotional Intelligence” to be offered to students of Semester - I of B.Sc. programme run under the Faculty of Science, to be made effective from the academic year 2024-25 and onwards be approved as per the detail circulated with the agenda as *Enclosure – VIII (D)*.

E RESOLUTION

Resolved that offering following certificate course by the Indukaka Ipcowala Institute of Management (I²IM), to be made effective from the academic year 2024-25 and onwards be approved as per the detail circulated with the agenda as *Enclosure – VIII (E)*.

Course name	Intake	Duration (in hrs.)	Course fee
Forensic Accounting	20/batch	30 hrs	Rs. 4000/- per participant

Herein the Dean intimated to the members that for offering such programme, the institute collaborated with Rastriya Raksha University (RRU) and faculty members were provided required training. In view of that members were of the opinion that for such joint venture, wherever feasible suitable recognition for contribution of RRU be highlighted.

29.24.09

The Dean, Faculty of Technology & Engineering informed to the members that the 22nd meeting of Faculty Board of Technology & Engineering was held on 3rd September, 2024. The members noted the salient features presented by the Dean and approved the minutes as circulated with the agenda as *Enclosure – IX*. Then after following items were taken for deliberation and consideration ;

A RESOLUTION

Resolved that revision in the Teaching & Examination Scheme and syllabus of courses offered to various B.Tech and M.Tech programmes run under the Faculty of Technology & Engineering, to be made effective for the students admitted in the academic year 2024-25 and onwards be approved as per the detail circulated with the agenda as *Enclosure – IX (A)*.

B RESOLUTION

Resolved that Offering following certificate courses by various department run under the Faculty of Technology & Engineering from the academic year 2024-25 be approved as per the detail circulated with the agenda as *Enclosure – IX (B)*.

Sr. No.	Course name	Offered by dept. of	Intake	Duration (in hrs.)
1	Power System Protection	Electrical Engg.	20 max.	45 Hours
2	Hands on session on "Training on Sophisticated Structural Models"	Civil Engg.	10 max.	30 Hours
3	Digital System Design with FPGA	Electronics & Comm. Engg.	25 max.	30 Hours
4	Redhat System Administration I (Instructor led)	Computer Engg.	10/batch	40 hours
5	Data Analysis and Visual Storytelling	Computer Sci. & Engg.	25 max.	30 Hours

29.24.10

RESOLUTION

Resolved that recommendation made in the 23rd meeting of Examination Reforms Committee held on 13th August, 2024 along with salient features be approved as per the detail circulated with the agenda as *Enclosure – X*.

A RESOLUTION

Resolved that pattern of examination and weightage for Continuous and Comprehensive Evaluation (CCE) for the institutes opted & implemented norms as prescribed in the National Education Policy – 2020 be approved as under ;

Evaluation Type	Weightage of Marks
Midterm exam	40% (20 marks out of 50)
Unit Test / Class Test / Quizzes / Class Assignment / Home Assignment/ VIVA/ Case studies / Lab work/ Attendance / Any other	60% (30 marks out of 50)

B RESOLUTION

Resolved that content of the grade card to be issued to the students admitted to various U.G and P.G programmes of the constituent institutes of the university in the academic year 2024-25 and onwards be approved as per the detail circulated with the agenda as *Enclosure – X(A)*.

C RESOLUTION

Resolved that the grading scheme, SGPA/CGPA calculation formula and CGPA to percentage formula for Ph.D programme(s), to be made effective from the academic year 2024-25 and onwards be approved as per the detail circulated with the agenda as *Enclosure – X(B)*.

In addition to the proposal on various academic consideration, detail on admission scenario, result analysis of previous semester, placement details, achievements in terms of research publication and research projects were briefed by Dean of the Faculty concern for the information.

Herein it was suggested that from next meeting onwards along with detail on results analysis, statistical detail on students opting for masters' programme in foreign nation be also presented.

The following suggestions were made by the eminent person(s) of the academic council.

1. To assess the quality publication and suggestive planning for improvement, all the research publication be presented with the detail of ranking (i.e Q1 / Q2) and clear distinction between conference presentation and peer review journal publication.
2. Feasibility be explored to incorporate some elements of Artificial Intelligence (AI) in the content of courses. This will enhance students' capability to understand appropriate usage of AI in various area of education.
3. Comparative statement on progress of students who have submitted their Ph.D synopsis, targeted completion and passes out Ph.D students' be presented by the Dean, Research.
4. To familiarized Faculty members about the usage of Artificial Intelligence (AI) required training be gradually provided by the university.
5. Looking to the global scenario; one more foreign language i.e Spanish be incorporated suitably.
6. Counselling / mentoring be provided to the undergraduate students for opting for masters' programme specifically for Engineering / Technology and multidisciplinary approached be focused on.

The meeting ended with vote of thanks to the chair.

Date : 17.09.2024



Registrar and
Member Secretary