CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Criterion 6

Governance, Leadership and Management

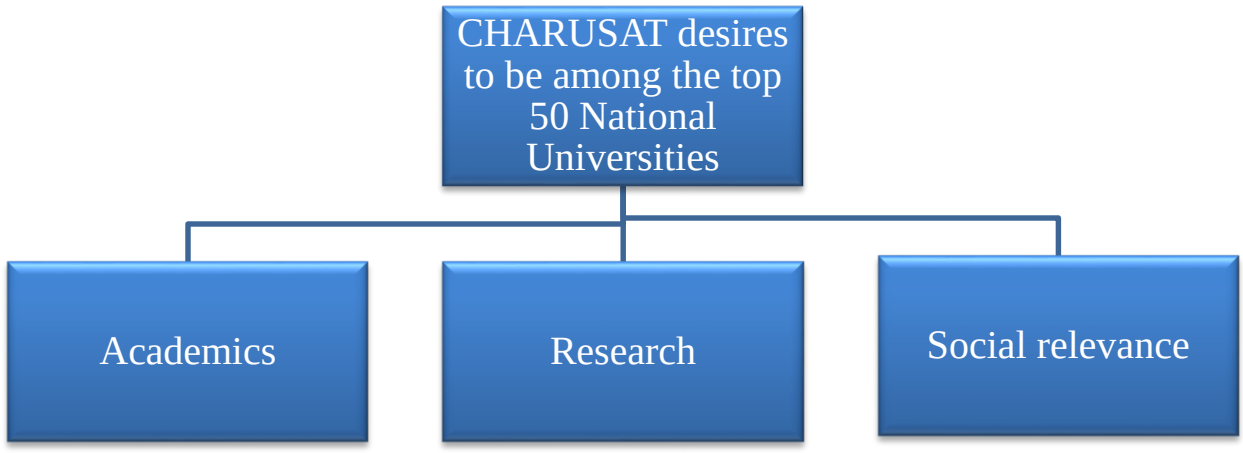
Metric 6.1.1	The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

ADDITONAL INFORMATION

Vision Road Map 2020 for CHARUSAT

Charotar University of Science and Technology, CHARUSAT aspires to be a World Class University (WCU). This aspiration can be realized after CHARUSAT appears in the league of top 50 universities of the Nation. This document charts the growth path of the University during the next five years and hence named as Vision Road Map 2020.

- This document would be a five year plan for the University.
- The focus areas in the Vision Road Map 2020 document would be:
    i. Academics,
    ii. Research and
    iii. Social relevance



- The University would strive to achieve excellence in Academics and achieve better performance in the other two identified areas, namely, Research and Social relevance.

I. **Academic Aspects**

a. Number of Programs: The number of programs offered at CHARUSAT would be enhanced from the current 62 to 124 within the existing six Faculties. Three new Faculties (Faculty of Design, Faculty of Law and Faculty of Humanities and Social Sciences) would be added in a phase-wise manner and would further add a total of 20 new programs. Hence within the next five years the number of programs offered at CHARUAT would increase to more than 140.

New Institutes to be started (under existing Faculties):

i. Institute of ICT (under Faculty of Technology & Engineering)
ii. Institute of Dental Sciences (under Faculty of Medical Sciences)
iii. Institute of Medical Sciences (under Faculty of Medical Sciences)

	Existing Programs				Forecast for New Programs				
Faculty	UG	PG	Certificate	PGD	UG	PG	Certificate	PGD	Integrated
Faculty of Technology and Engineering	6	8	0	0	2	8	12	2	2
Faculty of Computer Science and Applications	1	3	--	0	1	0	3	1	--
Faculty of Pharmacy	1	5	2	2	0	3	2	0	--
Faculty of Management Studies	1	1	0	2	0	0	3	3	--
Faculty of Applied Science	1	6	0	1	1	1	1	1	--
Faculty of Medical Sciences									
Nursing	1	5	0	0	1	0	0	2	--
Physiotherapy	1	6	0	0	0	3	2	2	--
Paramedical science	0	0	0	2	1	1	2	2	--
Total	12	34	2	7	6	16	25	13	2
	55				62				
Certificate program: This program would have a minimum duration of 1 semester (6 months)									
Post Graduate Diploma (PGD) program: This program would have a minimum duration of 2 semesters (1 year)									

New Programs under New Institutes and New Faculties			
Sr. No.	Programs	UG	PG
1	Faculty of Technology & Engineering – Institute of ICT	4	1
2	Faculty of Medical Sciences		
	a. Medical College	1	0
	b. Dental College	1	0
3	Faculty of Urban Design and Administration	3	2
4	Faculty of Law	1	1
5	Faculty of HSS	2	3
	Total	13	7

b. Number of students on campus: From the current strength of more than 6500 students on the campus, this strength would be more than 11500 students. Efforts would be made to change the present scenario of majority of the students being from the state to include students from other states of the country as well as other countries. These efforts would lead to greater diversity among the students enrolled in the variety of programs offered on the campus.

c. Number of faculty members: The increased number of programs and students on the campus would raise the demand of faculty members to about 750. Efforts would be made to have at least 35 % of the total strength of faculty members with PhD qualification. The gender ratio (Male: Female) would also be enhanced to 55: 45. Diversity (in terms of socio-cultural and Academic background) among the faculty members would be enhanced from the existing 10 % to 20 %. The number of faculty members having PhD qualification would be 35 % of the faculty strength (about 260).

d. Number of Collaborations: Each Faculty would have at least 5 collaborations and linkages with organizations of national and international repute. Collaborative arrangements would be made for at least on program in each Faculty.

II. Research Projections

a. Number of publications: From present number of about 375, the number of publications would be 1500 in peer-reviewed national or international journals with impact factor.
b. Number of Patent filings: From the present 17 patents being filed, this would be enhanced to a total of 40.
c. Number of newly registered PhD scholars: 100
d. Number of Major Research Projects/ Consultancy assignments (> INR 10 Lakhs): 50
e. Number of Minor Research Projects / Consultancy assignments (up to INR 10 Lakhs): 75 - 100

A. Student Support and Quality

- Students appearing in top 10 % of the merit list of concerned authorities would represent the student seeking admission to institutes under CHARUSAT.
- 60 % of the students shall be scoring first class or above.
- Failure rate shall be less than 10 % for each course upholding the sanctity of assessment.
- Industrial visits: Minimum 1 / semester
- Guest lectures: At least 2 / semester
- Technical Workshops: 1 / semester
- Participation in technical events: 1 / student / semester
- Social work: Minimum 15 hours of community outreach service / student / semester
- Sports and Extra-curricular Activities: Minimum 15 hours of sports or extra-curricular or NCC activities / student / semester
- Industry exposure:
    - Minimum 2 short term (2 – 4 weeks) industry exposure in a program of 4 years.
    - Minimum 1 short term (2 – 4 weeks) industry exposure in a program of 2 years.
    - Minimum 1 long term (5 – 15 weeks) industry exposure in all programs.

  By training and industry exposure, it shall mean exposure of students to field applications of their knowledge.
- International exposure:
    - 5 % of the students would be sponsored for tours to attend conferences, seminars, etc.
    - 2 % of the students would be sponsored for summer training programs.
- 10 % of the curricula would be dedicated for

- Holistic development of students for global challenges
- Skill development for industry preparedness

B. Infrastructure

- HRDC and CDPC building
- Integrated programs of Applied Sciences
- R & D center
- Girls' Hostel – 4 and additional Dining Hall
- Estate Department
- Indoor Sports Complex
- University Library
- Souvenir shop/ Welcome area
- Guest House (20 rooms)
- VC bungalow
- Registrar bungalow
- Adequate Staff quarters
- Auditoria 2 (with a capacity of 1500 and 750)
- Boys' Hostels
- More food courts/ food plazas
- International School
- Shopping complex

C. Learning Resources

- Laptop zones
- Enhanced internet capacity and availability (Internet bandwidth to be enhanced in a phase –wise manner from current 200 MBPS to 1 GBPS)
- E-resources like e-books, software, mobile apps, blogs
- Hand held devices (HHDs) to all students and faculty
- Paperless governance
- Technology driven pedagogy and examinations
- All classrooms to be converted to Google classrooms
- Virtual classrooms: 1 in each Faculty

III. **Social relevance**

Goal/ Objective	Expected Outcome - 2020	Indicator
Community Development - Involvement in spread of quality education and other activities	•Faculty and student involvement in community development to become a part of the curriculum	•At least 5% of faculty and student effort on community development work on average
	•Visible changes among residents of communities	•To be set as per interventions. However, an improvement of at least 25% over baseline conditions should be aimed at.
	•Number of beneficiaries/ children benefitted	•At least 10% of children enrolled in the schools where intervention has taken place.
Community Development – Healthcare Delivery Services and Healthcare Education	• Active community healthcare delivery	• At least two health camps per semester • Coverage of at least 25% of the population living within a radius of 10 km. of CHARUSAT
		• Coverage of at least 25% of the population living within a radius of 10 km. of CHARUSAT



CHARUSAT

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Action Plan

CHARUSAT Action Plan

I. The Vision of the Institution for the next 5 years

CHARSUAT has the Vision as: To become a dynamic global institution in a knowledge driven world through excellence in teaching, research and social contributions

CHARUSAT believes in philosophy that excellent students and excellent employees make university great. Both this human facets are interdependent on each other for attaining excellence. Attracting competent Faculty and talented students from across the world are the main drivers chosen by CHARUSAT to achieve excellence.

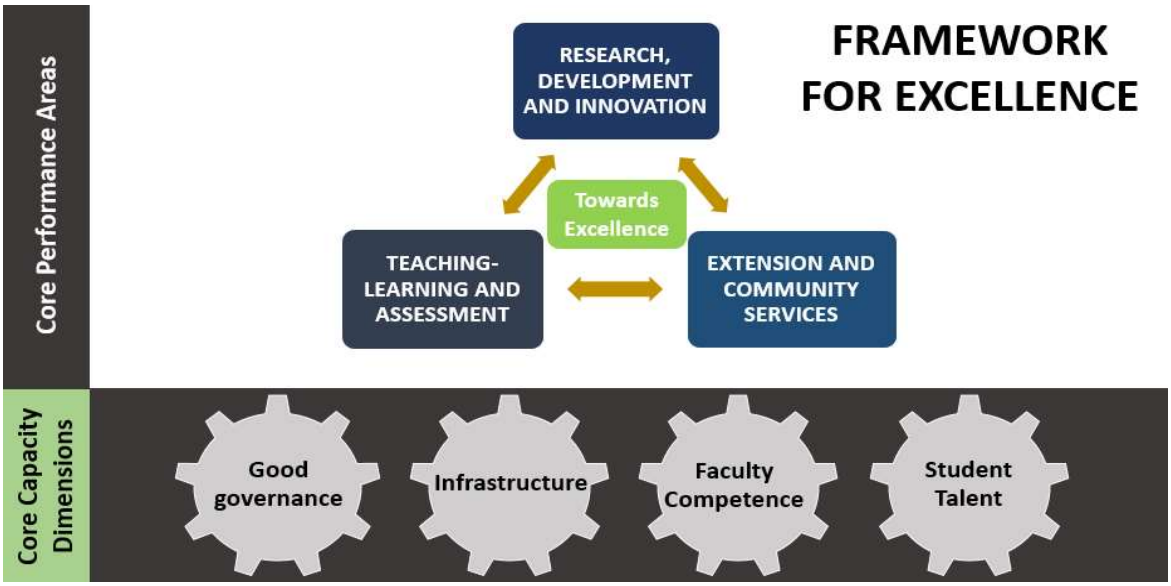
CHARUSAT plans to realise its goal of appearing amongst top 20 universities of Nation in coming five years. In a long term CHARUSAT has set –forth a lofty goal to be a World class University based in Gujarat State.

CHARUSAT has been established by the Trust, which has a broad social base and lineage of 115 years of social service. Thus, the vision of CHARUSAT incorporates in itself service of whole Society i.e Region, State and Nation rather than benefitting only to its students and employees. Having base in the homeland of Sardar Vallabhbhai Patel, CHARUSAT wishes to take all the sections of society together in its journey of excellence. Based on these considerations, following Framework of Excellence is adopted by CHARUSAT:

The action plan attached is aligned with the Framework as well as vision of Honorable Chief Minister and Honorable Education Minister.

Vision of Hon. Chief Minister: The universities of Gujarat should emerge as World Class education centers bringing laurels to State and Nation.

Vision of Hon. Education Minister: The universities of Gujarat should prepare youth of future, shold also prepare future for tomorrow's youth.



II. Action Plan on various Indicators

Sr. No.	Indicators	Existing	Year			
		2021-22	2022-23	2023-24	2024-25	2025-26
1.	Infrastructure (Rs. Cr)	**21**	**21.6**	**51.70**	**43.70**	**30**
	a) Academic Buildings * (Sq. Mtr)	6600	4400	24650	22850	16500
	b) Hostel (Cumulative Capacity)	3220	3450	3800	4350	4450
	c) Sports & Student facilities (Description)	I. Multi utility Complex at an outlay of Rs. 10 crore is planned. II. Sports complex at an outlay of Rs. 12 crore is planned. Annexure - 1				
2.	Programme (Academics)					
	a) New Programmes	12	13	10	9	4
	b) New Interdisciplinary Programmes	3	5	6	6	2
3.	Admission					
	a) Cutoff Rank for National Exam (No. in Lakhs)	1 to 0.80	0.80 to 0.70	0.70 to 0.60	0.60 to 0.50	0.40 to 0.50
	b) Increase in No. of Students	8450	9055	9945	10830	11350
4.	Scholarship & Financial Aid					
	a) Number	2000	2100	2300	2500	2700
	b) Amount	**3,00,00,000**	**4,00,00,000**	**4,48,00,000**	**4,80,00,000**	**5,50,00,000**
	c) % of Fees Collected	3.5%	4%	4.5%	4.5%	5%
5.	Good Governance Measures	Annexure - 2				
6.	Student wellness and Grievance Redressal (Descriptive)	Annexure - 3				

7.	Research Funding from External Agencies (Rs. Cr)	11	8	8	16.75	17.25
8.	Thrust Areas of R&D	Annexure – 4				
9.	Research Plan and Outcomes					
	a) PhDs	70	140	175	195	210
	b) PDFs Granted(Rs.)	**10,00,000**	**14,00,000**	**20,00,000**	**24,00,000**	**30,00,000**
	c) Patents (Nos)	3	7	12	15	20
	d) Revenue generated from Consultancy (Rs. Cr)	1.75	2.50	3.50	6.50	7.75
	e) Books (Nos)	1	2	2	5	6
	f) Technology Transfers	2	3	4	5	7
	g) Publication in High ranked Journals/Book chapters	300	500	800	1200	1200
10.	Diversity					
	a) International Student (%)	5%	10%	15%	20%	25%
	b) Out of State Student (%)	10%	15%	20%	25%	30%
11.	Inclusivity (EBC, Women, Physically Handicapped)	Annexure- 5				
12.	Outreach and Community Service	Annexure- 6				
13.	Accreditations					
	a) NAAC	A^{++}	A^{++}	A^{++}	A^{++}	A^{++}
	b) NBA	-	3	3	3	1
14.	Career Development					
	a) Placement, Self-employment, etc	66%	62%	58%	54%	50%
	b) Admission to Higher Studies in QS 500 Ranked institutions	3-5%	3-5%	5-7%	5-7%	10%
	% Admission to other Higher Studies Institutions	27%	27%	30%	30%	30%
15.	Teaching learning					
	a) Teachers Training (Rs. Lackhs)	70.35	79.80	87.75	108.30	113.40
	b) Faculty Development(Rs. Lackhs)	93.80	106.40	117.00	144.40	151.20
16.	Collaboration and Networking					

	a) National	43	57	62	71	83
	b) International	4	9	16	13	15
17.	Readiness for NEP	Annexure- 7				

*Subject to permission of regulatory bodies about Academic programmes.

Annexure-1

Sports & Student Facilities

I. MULTIPLE UTILITY COMPLEX

- Charusat has planned development of Multiple Utility Complex with approximate 3000 Sq. Mtr. development in the year 2021-22 and approximate 3000 Sq. Mtr. development in the year 2022-23. It will involve total outlay of approximate Rs. 10 Crores for 6000 Sq. Mtr. development.
- The Multiple Utility complex shall have following facilities for students:

Sr. No.	Details
01	**University Cells:** • Internal Quality Assurance Cell (IQAC) • Entrepreneurship Development and Incubation Cell (EDIC) • University Industry Interaction Cell (UIIC) • Career Development and Placement Cell (CDPC) • Charusat Rural Education Development Program (CREDP) • Women Development Cell (WDC) • Equal Opportunity Cell (EOC) • Grievance Redressal Cell (GRC) • Cell for Prevention of Sexual Harassment (CPSH) • Anti-Ragging Committee • Energy Conservation Cell (ECC) • Research and Development Cell • E-Governance • International Students Cell (ISC) • CHARUSAT Alumni Association (CAA)
02	Audio-Video Room for film
03	Conference Room – 25 Capacity x 2 (Flexible to get connected into one of 50.)
04	Seminar Room – 150 Capacity
05	Dean-Student affairs Office
06	Dy. Registrar Office
07	Student Activity Centre (A hall for Play; Music; Art competitions)
08	Reading Hall with 500 capacity.
09	Computer Centre with 200 PC.
10	Command and Control Room

II. Indoor Sports Complex

- Charusat has planned development of Indoor Sports Complex with approximate 1500 Sq. Mtr. development in the year 2022-23 and approximate 1000 Sq. Mtr. development in the year 2023-24. It will involve total outlay of approximate Rs. 12 Crores for 2500 Sq. Mtr. development.
- The utilisation of Indoor Sport Complex hall be as under:

For Competition activities

Sr. No.	Details	Use	Remarks
1.	The 50m x 25m x 9m indoor hall to be used for various competitions.	5 Badminton courts	To organize national level competitions.
2.		8 Nos. Table Tennis	To organize national level competitions.
3.		2 Nos. Volleyball courts	As per the rules, we can organize a state level competition without getting a free zone.
4.		1 No. Basketball court	It is not possible to organize a competition from one court but if there is an outdoor court-2, indoor can also be used in the competition.
5.		1 No. Handball court	It is not possible to organize a competition from one court but if there is an outdoor court-2, indoor can also be used in the competition.
6.		3 grounds of Kabaddi using Rubber Mats	National level competition can be organized
7.		Judo Wrestling Boxing Karate	national level competition to be organized by using rubber mats and the necessary equipments

For Routine Use

Sr. No.	Details	Use	Remarks
1.	The 50m x 25m x 9m indoor hall can be used for various competitions.	1 Volleyball court, 3 Badminton courts and Table Tennis - 2 tables Can be kept together	Can be practiced simultaneously.
2.		1 Volleyball court, 3 Badminton courts and Half Basketball court can be used for practice. Can be kept together	
3.		1 Volleyball court, 3 Badminton courts and 1 Kabaddi court can be prepared for practice.	

- The practice of Badminton, Kabaddi and Table Tennis can be maintained on a permanent basis and other sports can be arranged indoors as per the date of competition and outdoor environment.
- Utilization shall be as per rules and regulations of Charusat.

Annexure-2

Good Governance

❖ Good Governance

a.) Frequency of Meetings of Governing Body / BOM Per Year
b.) Participatory decision making
c.) Grievance Redressal Mechanism
d.) Diligence in Accounts as evident from exercise of Internal and External audit Mechanism
e.) Transparency as evident of availability of Annual Reports including Finance to Stakeholders.

- To guide, monitor and lead the development, progress and expansion at CHARUSAT, different Boards and Councils are formed. **Governing Body (GB)** and **Board of Management (BoM)** are the apex bodies that lead CHARUSAT to achieve higher standards. Governing Body meets every 3 months whereas Board of Management after every 2 Months.

- To further help GB and BoM discharge their vital duties and functions effectively, various boards and councils like Academic Council, Research Council, Faculty Boards, and Boards of Studies are also formed. In addition, Advisory Boards are formed for each institute and centre on CHARUSAT Campus. For different functions and purposes, specific committees like Finance Committee, HR Committee, Purchase Committees for Equipments, Purchase Committee for Furniture, Library Committee, Exam Reform Committee, and others.

- Importantly, Organizational Structure, at CHARUSAT, is an optimum mix of Uniformity and Diversity making it *hub and spoke*. Thus, there is participation and representation of faculty and staff members in Governance at all levels.

- CHARUSAT has been practicing open-door policy to handle and address the issues faced by employees. Provost, every semester, has an open house meeting with all. Moreover, all Executives are available 24*7 without any prior appointments. There also exists a Grievance redressal Cell and Cell for Prevention of Sexual harassment for addressing more complicated issues. However no such cases have been registered till now.

- In order to streamline the grievance handling system and for safety and well-being, Students' Grievance and REDRESSAL Cell, Cell for Prevention of Sexual Harassment (CPSH) and Anti-ragging Committee (ARC) have been created at CHARUSAT. Faculty and Staff Members are deputed and information regarding the same is also made available to the students and staff. The grievance, if any, is addressed immediately.

- Accounts are maintained with all due diligence, honesty and integrity. There also prevails a system of Internal Audit every quarter resulting into the finalization of accounts by 8th of April every year. The same accounts form an integral part of various reports including the Annual Reports sent to all major stakeholders. The Reports are also made available on University Website.

Annexure-3

Student wellness and Grievance Redressal

❖ **Student wellness and Grievance Redressal**

- CHARUSAT has very strong student counselling system where around 20 students are allocated to one faculty member.
- CHARUSAT has 3-tier Student Wellness Program (SWP) which looks into student's Academic matter, Social matter and Personal matter affecting his/her career life.

➢ **CHARUSAT has following cells/committee for students**

Sr. No.	Particular
1	Career Development and Placement Cell (CDPC)
2	Pri. B I Patel human Resource Development Center (HRDC)
3	Women Development Cell (WDC)
4	Equal Opportunity Cell (EOC)
5	Grievance Redressal Cell (GRC)
6	Cell for Prevention of Sexual Harassment (CPSH)
7	Anti ragging Committee
8	International Student Cell (ISC)
9	Charusat Alumni Association (CAA)

➢ CHARUSAT has planned to open Student Wellness Center from Academic Year: 2022-23.

- Social responsibility is one of the cherished values of CHARUSAT. In order to create a healthy society, CHARUSAT strives to serve the students so as to help them accomplish in terms of Academic excellence, Positive Mental Attitude, and General Well-being.

- CHARUSAT has very strong **Student Counselling System** where around 20 students are allocated to one faculty member. CHARUSAT has also designed and implemented a 3-tier **Student Wellness Program (SWP).** As a part of this Programme, all the students are counselled in the areas of Academic, Social, and Personal Matters through a structured approach. The SWP at CHARUSAT involves a three-tier system such that at any given moment a Teacher Counsellor is in direct contact with students (generally a group of 20 counselee), assisted by a Clinical Psychologist, supervised by a Consultant Psychiatrist at the top of the pyramid to regulate the overall activities and provide structured counselling / therapy to deal with a crisis, if any.

- Further, in order to train, help and guide the students on different needs based on diversities, various Cells have also been established at CHARUSAT. Some of them are: Career Development and Placement Cell (CDPC), Women Development Cell (WDC), **Equal Opportunity Cell (EOC)**, and International Student Cell (ISC). Further, Charusat Alumni Association (CAA) strengthens these efforts through active involvement of Alumni in the Knowledge enhancement and Career Guidance.

- Alongside fostering wellbeing of the students, the University also takes care of Grevances. Any grievance is immediately addressed through **Grievance Redressal Cell (GRC)**, *Cell for Prevention of Sexual Harassment (CPSH)*, *Anti-ragging Committee* based on the need in the grievance.

- Finally, strengthening existing practices and creating a mechanism for all solutions under one roof, CHARUSAT has planned to open **Student Wellness Center** from the Academic Year 2022-23. The Centre will dedicate its proactive efforts for the holistic development of students.

Annexure-4

Thrust Areas of

R & D

❖ **Thrust Areas of R&D**

- **Year: 2021-22**

1	Artificial Intelligence (AI) and Machine Learning (ML)
2	Internet of Things (IoT)
3	Family Business and Entrepreneurship
4	Epidemiological Research
5	Advance technology for space application
6	Black-Hole Physics
7	Magnetic fluid hyperthermia

- **Year: 2022-23**

1	Augmented Reality and Virtual Reality
2	Antenna & Microwave Engineering
3	Structural Engineering
4	Special function & fractional calculus
5	CNS disorder/ Diseases
6	Novel product chemistry and herbal drugs
7	Synthesis of drugs and its intermediates
8	Motion analysis lab : Physiotherapy

- **Year: 2023-24**

1	Wireless Communication
2	Smart Grid Operation
3	Energy management & Renewable Energy
4	Robotics
5	Engineering of nanomaterials & devices
6	Anti-microbial Resistant
7	Astrophysics & Cosmology

- **Year: 2024-25**

1	Automobile : Vibration isolation & engine performance
2	Environment & water resource engineering
3	Agri-Business Management
4	Disease Biology
5	Microbial product development
6	Nanotechnology Based formulation
7	Reproductivity & Child Health

- **Year: 2025-26**

1	Magnetic nanoparticles & magnetic fluids : Industry Ready Product
2	Magnetorheological fluid : Applications to Defense & Space
3	Biomedical applications of Nanoparticles
4	Software development : Specific to Industry requirements

Annexure-5

Diversity & Inclusivity

❖ Diversity & Inclusivity

- CHARUSAT believes in equal opportunity for all at all level.
- CHARUSAT has 28% females in the staff (including teaching, non-teaching and supporting staff). CHARUSAT has 11% staff member having home native outside of Gujarat.

- At the students' level, CHARUSAT aims to have 30% girls in all program to support 'Kanya Sikshan Abhiyan' of Government to make women workforce for the industry. This will help the industry maintain the gender ratio by providing an opportunity to graduate girls from CHARUSAT.

- CHARUSAT has a goal to admit 10% outstate and 5% International students in 2021-22 to add cultural diversity to the campus.

- CHARUSAT has also set a goal to admit 5% of students in the next five years combining Sports/Performing Arts/Physically Challenged/Armed Forces/NCC. Sports/Performing Arts to be considered as National-State-District level Government recognized only.

- CHARUSAT will be looking forward to admitting 10% of students from economically weaker section (EWS) and socially backward (SB) areas. CHARUSAT will have a special scholarship for EWS and SB category students in 2021-22.

- CHARUSAT will foster a 40% scholarship comprising Merit Scholarship, Merit-means scholarship, and Free ships in the next five years.

This can be achieved as follows:

Year/Diversity Goal	2021-22	2022-23	2023-24	2024-25	2025-26
Outstate	10%	15%	20%	25%	30%
International	5%	10%	15%	20%	25%
Sports/Performing Arts/Physically Challenged/Armed Forces/NCC	2%	3%	5%	7%	10%

CHARUSAT will aim to provide financial aid to students:

Year/Diversity Goal	2021-22	2022-23	2023-24	2024-25	2025-26
Merit Scholarship	5%	5%	10%	10%	10%
Merit-cum-means Scholarship	15%	20%	20%	25%	25%
Economically Weaker Society (EWS) Aid	10%	10%	10%	10%	10%
Total	30%	35%	40%	45%	45%

- CHARUSAT will provide a full scholarship to 25% of students based on their family background. This will be decided based on the family income <3 LPA and not getting any other scholarship. The scheme will prefer students who lost their main earning member of the family to support continuing their education journey.

- CHARUSAT will admit 25% to meritorious students having a medium family income. These students will be supported by providing a work & learn program during their study at CHARUSAT.

Annexure-6

Outreach Activities

❖ Outreach Activities

Projection of Next 5 Years

Number of Initiatives to be taken

Activity	2021-22	2021-22	2021-22	2021-22	2021-22
Activities Spread to 5 Third World Countries	Nepal	Bhutan	Sri Lanka	Fiji	Vietnam
Adoption of 10 Villages	1 Dabhou	2 Malataj & Ghunteli	2 Traj & Khandhali	2 Tranja & Gada	3 Demol, Bandhani & Ramol / Vaso
Rural Health and Education	Please refer the Notes below.				
Collaboration with 250 Schools	50 (of Charotar)	50 (of Gujarat)	50 more (of Gujarat)	50 more (of India)	50 more (of India)

Notes:

Rural Health and Education

Rural Health	Activities Planned	Events / Activities planned
Awareness Seminars / Drives	Disease Awareness and Control	1 Seminar a Village a year (For 10 Villages)
	Women Hygiene	1 Seminar a Village a year (For 10 Villages)
	Malnutrition	1 Seminar a Village a year (For 10 Villages)
	Vaccine	1 Seminar a Village a year (For 10 Villages)
	Blood Donation	1 Seminar a Village a year (For 10 Villages)
	Availing Government Schemes and Benefits	1 Seminar a Village a year (For 10 Villages)
	Organ Donation	1 Seminar a Village a year (For 10 Villages)
	Celebrations of different Days	10 Celebrations a year

Healthcare Camps (On Campus and Outreach – Through Mobile Van)	General Health Checkup	1 Camp a Village a year (For 10 Villages)
	Dental Care	1 Camp a Village a year (For 10 Villages)
	Eye Checkup	1 Camp a Village a year (For 10 Villages)
	Orthopedic	1 Camp a Village a year (For 10 Villages)
	Multispecialty	1 Camp a Village a year (For 10 Villages)
	Physiotherapy	1 Camp a Village a year (For 10 Villages)
Blood Donation Camps		5 Camps a year in 5 different villages
Vatsala Matrusambhal		1 Program a year 20 Women to be benefitted from a program
Rural Education	**Activities Planned**	**Events / Activities planned**
Students	**Teaching and Guidance**	**On Campus and Outreach** Computer and IT, English, Mathematics, Science 1) **On Campus Teaching – Evening Classes** 2 Batches (with 60 Students and for 60 hours a batch) per year for above mentioned 4 Subjects 2) **Outreach Teaching** Minimum to 3 Schools a year for the above mentioned four subjects (2 Hours Weekly / Subject)
	Competitions	Competitions will test the students' competence on General Knowledge, Computer and IT, English, Mathematics, Science, Sports and Cultural Activities 1) **School / Taluka Level Competitions:** 50 per year 2) **District Level Competitions:** 5 per year

		3) **State Level Competitions:** 2 per year 4) **National Level Competitions:** 1 per year 5) **International Level Competitions:** 1 every 2 years
	Career Guidance Seminars	Minimum 5 Seminars (per year) in a School involving student participation of 200 (of 5 schools of nearby areas)
	Counselling	Minimum 5 Seminars (per year) in a School involving student participation of 200 (of 5 schools of nearby areas)
	Fairs and Exhibitions	1 Science Fair a year 1 Exhibition of Students' Projects 1 Exhibition of Teachers' Innovations
	Campus / Field Visits	20 Visits a year giving benefits to 50 students per visit
	Planetarium Visit	20 Visits a year with 40-50 students in a visit
Parents	**Career Guidance**	10 Career Guidance Seminars for the Parents of 10th, 12th and Graduating Students of Rural Schools and Colleges with a minimum participation of 50 parents in a program / year
	Counselling	10 Counselling Seminars (on Personal, Social, Psychological, Academic Issues) for the Parents of 10th, 12th and Graduating Students of Rural Schools and Colleges with a minimum participation of 50 parents in a program / year
Teachers	**Training**	Computer and IT, English, Mathematics, Science
	E - Content Development	Developing E-Content for the School Education for different subject 1st year: Computer and IT 2nd Year: Science 3rd Year: English 4th Year: Mathematics 5th Year: Remedial Content and Basic Science
	Supporting Government Training Initiatives	Providing Trained and Competent Human Resource and Infrastructural Facilities and other logistic support in the Government Training Initiatives
	Events	Conferences, Seminars, Workshops, TTP

	Fairs and Exhibitions	2 Science Fairs and Teaching Aid Exhibitions
School / College Management	**Management Support**	Guidance to School and College Management through Leadership Development and Team Management Programs 2 Programs a year involving the Management of 10 Schools and 10 Colleges

Annexure-7

Readiness for NEP

	Readiness for NEP					
	Indicators		**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**
A	Curriculum Development through Structured Feedback system involving all the stake holders (% of programmes)		100	100	100	100	100
B	Implementation of OBE (% of programmes)		75	100	100	100	100
C	Vocational Courses (% of Courses)		5	5	10	10	20
D	Choice Based Credit System		Implemented				
E	Self-Paced Learning in Program		13	11	12	14	16
F	Courses including Humanities, Languages and social studies to be offered to the students of STEM Programmes (% of total Courses)		20	20	20	20	20
G	Online Education	UG Programme	30		50		
		PG Programme	50		50		
H	Open Distance Learning/ Online Programmes (NEW)		10	20	20	30	40
I	Pedagogy Incorporated with focus on Communication/Discussion/Debate/Research and interdisciplinary Thinking (% Courses)		100	100	100	100	100
J	Programmes providing Research Based Education(%)		70	70	80	80	100

K	Academic Bank of Credit (% Number of Programmes)*		00	10	20	30	40
L	Multiple Entry and Exit (% Number of Programmes)*		00	10	20	30	40
M	Programmes to be offered by Departments in Languages/Literature/Mathematics/Performing Arts/Sciences/		02	02	05	07	10
N	Financial Support for Innovation/Start Up/ Entrepreneurship		40,00,000/-	40,00,000/-	60,00,000/-	60,00,000/-	90,00,000/-
O	Institutes with Academic Accreditation		Please Refer Point 13				
P	Establishment of IQAC at the University and Institutes (% of Institutes)		100	100	100	100	100
Q	Financial Support to Research						
R	Community Engagement		Please Refer Point 12				
	Optimal Learning Environments and Support for Students						
S	Student Diversity	Students from Other States (%)	Please Refer Point No. 10				
		International Students (%)					
T	Student Support for Co-curricular and Extra-curricular activities (INR)						
U	Scholarship (INR)		Please Refer Point 04				
	Faculty Education and Financial Support for Research						
V	Faculty Training (Hr/Year)	Domain Knowledge Training	72	72	72	90	90

		Industrial Training	36	36	36	36	72
		Community Engagement	00	18	36	36	36
W	Financial Support for Research /Faculty/Year		3,00,000/-	3,00,000/-	5,000,000/-	6,000,000/-	6,000,000/-
X	Financial support for Ph.D /Faculty/Year		1,00,000/-	1,20,000/-	1,50,000/-	2,00,000/-	2,00,000/-
Y	Financial support for Post- Doctoral Studies/Faculty/Year		5,30,000/-	5,60,000/-	5,90,000/-	6,20,000/-	6,50,000/-

*subject to permission to be received from the regulatory bodies

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Representative Image:

Displays of Vision, Mission Statements through posters as well as Audio-Visual Devices across all the buildings on the campus

CHARUSAT

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

PDPIAS BUILDING A-8

(FACULTY OF SCIENCES)



Latitude	Longitude
22° 36' 5.75"	72° 49' 10.82"
Local 3:26 PM	Altitude 39.43 (m.)
Wednesday, 07-07-2021	

Representative Image:

Displays of Vision, Mission Statements through posters as well as Audio-Visual Devices across all the buildings on the campus