



CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Criteria 3

Research, Innovations and Extension

Metric 3.7.2	Number of functional MoUs with institutions/industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years
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Supporting Documents

1	E-copies of MoU's & MoU Activity Reports (Year : 2018-19)
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Faculty of Technology & Engineering

MEMORANDUM OF UNDERSTANDING

BETWEEN

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY- CHARUSAT

AND

JYOTI PLASTIC INDUSTRIES

This Memorandum of Understanding is made on the 20th day of June 2018 at Changa,
BETWEEN:

- (a) Charotar University of Science and Technology (CHARUSAT), situated at Changa, having address at CHARUSAT Campus, Changa, Taluka Petlad, District Anand-388 421 formed under Gujarat State Act No.8 of 2009, Government of Gujarat and has empowered to award degrees by UGC u/s.22 of UGC Act, 1956 (hereinafter referred to as "CHARUSAT" which expression shall where the context so admits include its successors and permitted assignees).

AND

Jyoti plastic Industries are established in 1976 at, Ahmedabad having address at Plot No.1211/A, Village Moti Bhoyan-382721, Taluka Kalol, Gandhinagar. Jyoti plastics serve the packaging, healthcare and consumer markets and can boast of some of the leading names in the industries as our prestigious clients. With over 40 years' experience in plastic transformation, in-house engineering capability, Jyoti plastic has grown through technological leadership and innovation (hereinafter referred to as "JPI" which expression shall where the context so admits include its successors and permitted assignees).

WHEREAS both the parties have the intentions to provide training, internship, project work and dissertation work for students in the field of Mechanical Engineering, Electrical Engineering and Electronics & Communication Engineering.

D. P. Shah



NOW it is mutually agreed by and between the parties as under:

1. **Objectives**

This MoU reflects the participants' intentions to collaborate in specific activities set out herein under pertaining to the field of Mechanical, Mechanical and electrical engineering. The objective of this agreement is to strengthen the relation between industry and academia for quality education in the relevant disciplines as well as solving industry problems by delivery or sharing of expertise.

2. **Responsibilities of the parties under this MoU**

Now, therefore, in consideration of the objectives contained herein, the parties hereby agree as under:

The CHARUSAT undertakes responsibility as follows:

1. The Department of Mechanical Engineering, Electrical Engineering and Electronics & Communication Engineering of Chandubhai S. Patel Institute of Technology (CSPIT), a constituent institute of CHARUSAT, shall identify the deserving human resources (Faculties and Students) for projects to be undertaken for JPI.
2. The CSPIT shall ensure that data/information provided by JPI shall be effectively used for the benefit of project execution purpose only.
3. The CSPIT shall observe the JPI's policies with regard to training, internship, placement of the students and future collaboration.
4. The CSPIT shall provide technical support to JPI's for research and development.

The JPI undertakes responsibility as follows:

1. JPI shall provide required data/information to implement the projects to be undertaken by CHARUSAT.

2. JPI shall facilitate students and faculty and students of the institute at its location for field visit, interaction and training.
3. JPI shall give opportunity to the faculty and students to intern, take training and interact with various departments of the company in order to impart exposure to professional working environment, current trends, etc.
4. JPI shall allow to use its name and emblem for all communications of CHARUSAT to the extent that it is used for information of students and general public and for no commercial gains.

3. Procedures for activities

CHARUSAT and JPI shall encourage interaction for Research and Development collaboration by their representative/s through following activities:

- (a) Conducting joint research and development projects;
- (b) Cooperation in individual projects;
- (c) Search for opportunities to collaborate in the future.

4. Intellectual Property Rights (IPR)

- (a) Rights (IPR) concerning outcomes, resulting from research projects or work funded by CHARUSAT shall be subject to the applicable CHARUSAT rules on IPRs.
- (b) Rights (IPR) concerning outcomes, resulting from research projects or work funded by JPI shall be subject to the applicable provisions in the JPI's rules.
- (c) In case where Intellectual Property Rights are generated based on inputs from both the parties, there will be a Joint ownership. In such case the generating parties will in good faith endeavor to establish a Joint Ownership Agreement with regards to allocation and terms of exercising joint ownership taking into relevant provisions on IPR. In case of conflicts arising between parties involved, an amicable solution will be sought by submitting the case before an appropriate

committee having representation from both parties and chaired by the Provost of CHARUSAT.

5. Confidentiality

Each party shall keep confidential and not use for any other purpose not contemplated hereunder, all proprietary information disclosed by the other party, directly or indirectly. Any discoveries, inventions or know-how resulting from the project shall be kept confidential for a period of three years from the date of termination of this agreement, except as authorized in writing by the other party or provided herein.

6. Financial obligation

Financial arrangement for each specific collaboration will be decided on a case-to-case basis and brought on record in each case after due approval from heads of both the parties.

7. Miscellaneous

(a) Exclusivity

The parties agree that this memorandum does not confer any exclusivity regarding activities covered by this memorandum and they may collaborate on similar activities with other parties.

(b) Commencement and duration

This memorandum shall operate as from the date of signature thereof ("the effective date") and shall remain binding for a period of 3 years, unless terminated prior thereto by mutual written consent between the parties. This MoU may, after expiry thereof, be renewed by the consent of both the parties in accordance of the terms and conditions of this agreement.

(c) Indemnification

Each party shall indemnify, defend and hold harmless the other party from and against any and all claims, demands, liabilities, settlements, damages, costs and expenses including reasonable attorney's fees and expenses, arising out of, or in any way connected with, any default, breach or negligent non-performance of this MoU or any negligent act or omission on the part of indemnifying party, its agents and employees arising out of this conduct. Each party shall provide prompt written notification to the other party in the event an indemnified claim arises. The indemnified party shall reasonably cooperate with the indemnifying party at the indemnifying party's expense.

(d) Dispute and Settlement

This agreement shall take effect and be construed in accordance with the Laws of India and be subject to its applicable jurisdiction and at the courts of Anand. In case of any dispute or differences, whatsoever arises between parties in relation to or in connection with this agreement; both parties shall try first to resolve it amicably between themselves, failing which the matter shall be referred to and settled through arbitration. The arbitration proceedings shall be held in accordance with the provision of Indian Arbitration and Reconciliation Act.

(d) Process Owner

Dr. Vijaykumar Chaudhary, HoD, Department of Mechanical Engineering, shall function as a process owner from CHARUSAT having contact number 9925830781, Email: vijaychaudhary.me@charusat.ac.in. The Coordinator for the project will be Mr. Dipal Patel, Asst. Professor, Department of Mechanical Engineer from CHARUSAT having contact number 9428900884, Email: dipalpatel.me@charusat.ac.in.

Dipal Patel

Mr. Vipul Patel, Managing Partner, JPI shall function as a process owner from JPI. However, appropriate authorities shall be communicated for progress tracking and strengthening bond between two parties.

(e) Progress Review

Review committee shall be formed to review activities under MoU. It shall comprise of process owners and few more personnel from both the sides based on need of the project(s) being reviewed.

SIGNED IN DUPLICATE

This MOU is executed in duplicate with each copy being an official version of the agreement and having equal legal validity.

By SIGNING BELOW, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

On behalf of
CHAROTAR UNIVERSITY OF SCIENCE
AND TECHNOLOGY (CHARUSAT University)
By

Dr. Devang Joshi
Registrar

Date: 20-06-2018

WITNESSES:

1. Minesh V. Amin
2. Dattatraya Subhedar

On behalf of
Jyoti Plastic Industries.

Mr. Vipul Patel
Managing Partner

Date: 20-06-2018

WITNESSES:

1. Vishendra Rajput
2. Dipak Patel

MEMORANDUM OF UNDERSTANDING

BETWEEN

FACULTY OF TECHNOLOGY AND ENGINEERING (FTE),
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY- CHARUSAT

AND

TELEMATRIX ENGINEERS & CONSULTANT

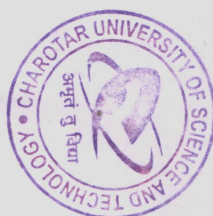
This Memorandum of Understanding is made on the 11th day of July 2018 at Changa,
BETWEEN:

- (a) Charotar University of Science and Technology (CHARUSAT), situated at Changa, having address at CHARUSAT Campus, Changa, Taluka Petlad, District Anand-388 421 formed under Gujarat State Act No.8 of 2009, Government of Gujarat and has empowered to award degrees by UGC u/s.22 of UGC Act, 1956 (hereinafter referred to as "CHARUSAT University" which expression shall where the context so admits include its successors and permitted assignees).

AND

Telematrix Engineers & Consultant are established in 1980 at, Anand, Vitthal Udyognagar. Telematrix serve as manufacturer of Paint Machineries and Chemical Process equipment The Company has acquired competency to develop complete liquid grinding and Dispersion equipment for paint industries, printing ink industries, pharmaceuticals and cosmetics industries, foodstuff industries, adhesives and lacquer and magnetic tope coatings and resin manufacturing industries. (Hereinafter referred as "TEC" which expression shall where the context so admits include its successors and permitted assignees)

WHEREAS both the parties have the intentions to provide training, internship, project work and dissertation work for students in the field of Mechanical Engineering.



Handwritten signature in blue ink.

NOW it is mutually agreed by and between the parties as under:

1. **Objectives**

This MoU reflects the participants' intentions to collaborate in specific activities set out herein under pertaining to the field of Mechanical Engineering. The objective of this agreement is to strengthen the relation between industry and academia for quality education in the relevant disciplines as well as solving industry problems by delivery or sharing of expertise.

2. **Responsibilities of the parties under this MoU**

Now, therefore, in consideration of the objectives contained herein, the parties hereby agree as under:

The CHARUSAT University undertakes responsibility as follows:

1. The Mechanical Engineering Department of Chandubhai S Patel Institute of Technology (CSPIT), a constituent institute of CHARUSAT shall identify the deserving human resources (Faculties and students) for projects to be undertaken for TEC.
2. The CSPIT shall ensure that data/information provided by TEC shall be effectively used for the benefit of project execution purpose only.
3. The CSPIT shall observe the TEC policies with regard to training, Internship, placement of the students and future collaboration.
4. The CSPIT shall provide technical support to TEC for research and development.

The TEC undertakes responsibility as follows:

1. TEC shall provide required data/information to implement the projects to be undertaken by CHARUSAT.



2. TEC shall facilitate students and faculty and students of the institute at its location for field visit, interaction and training.
3. TEC shall give opportunity to the faculty and students to intern, take training and interact with various departments of the company in order to impart exposure to professional working environment, current trends, etc.
4. TEC shall allow to use its name and emblem for all communications of CHARUSAT to the extent that it is used for information of students and general public and for no commercial gains.

3. **Procedures for activities**

CHARUSAT University and TEC shall encourage interaction for Research and Development collaboration by their representative/s through following activities:

- (a) Conducting joint research and development projects;
- (b) Cooperation in individual projects;
- (c) Search for opportunities to collaborate in the future.

4. **Intellectual Property Rights (IPR)**

- (a) Rights (IPR) concerning outcomes, resulting from research projects or work funded by CHARUSAT University shall be subject to the applicable CHARUSAT University rules on IPRs.
- (b) Rights (IPR) concerning outcomes, resulting from research projects or work funded by TEC shall be subject to the applicable provisions in the TEC's rules.
- (c) In case where Intellectual Property Rights are generated based on inputs from both the parties, there will be a Joint ownership. In such case the generating parties will in good faith endeavor to establish a Joint Ownership Agreement with regards to allocation and terms of exercising joint ownership taking into relevant provisions on IPR. In case of conflicts arising between parties involved, an amicable solution will be sought by submitting the case before an appropriate



committee having representation from both parties and chaired by the Provost of CHARUSAT.

5. **Confidentiality**

Each party shall keep confidential and not use for any other purpose not contemplated hereunder, all proprietary information disclosed by the other party, directly or indirectly. Any discoveries, inventions or know-how resulting from the project shall be kept confidential for a period of **three** years from the date of termination of this agreement, except as authorized in writing by the other party or provided herein.

6. **Financial obligation**

Financial arrangement for each specific collaboration will be decided on a case-to-case basis and brought on record in each case after due approval from heads of both the parties.

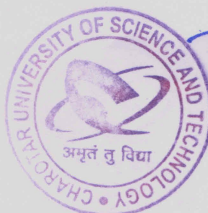
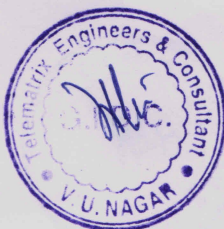
7. **Miscellaneous**

(a) **Exclusivity**

The parties agree that this memorandum does not confer any exclusivity regarding activities covered by this memorandum and they may collaborate on similar activities with other parties.

(b) **Commencement and duration**

This memorandum shall operate as from the date of signature thereof ("11th July 2018") and shall remain binding for a period of 3 years, unless terminated prior thereto by mutual written consent between the parties. This MoU may, after expiry thereof, be renewed by the consent of both the parties in accordance of the terms and conditions of this agreement.



(c) Indemnification

Each party shall indemnify, defend and hold harmless the other party from and against any and all claims, demands, liabilities, settlements, damages, costs and expenses including reasonable attorney's fees and expenses, arising out of, or in any way connected with, any default, breach or negligent non-performance of this MoU or any negligent act or omission on the part of indemnifying party, its agents and employees arising out of this conduct. Each party shall provide prompt written notification to the other party in the event an indemnified claim arises. The indemnified party shall reasonably cooperate with the indemnifying party at the indemnifying party's expense.

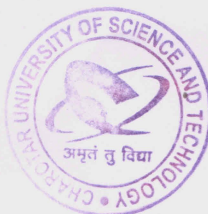
(d) Dispute and Settlement

This agreement shall take effect and be construed in accordance with the Laws of India and be subject to its applicable jurisdiction and at the courts of Anand. In case of any dispute or differences, whatsoever arises between parties in relation to or in connection with this agreement; both parties shall try first to resolve it amicably between themselves, failing which the matter shall be referred to and settled through arbitration. The arbitration proceedings shall be held in accordance with the provision of Indian Arbitration and Reconciliation Act.

(d) Process Owner

HoD, Department of Mechanical Engineering, shall function as a process owner from CHARUSAT University having contact number 9925830781, Email: vijaychaudhary.me@charusat.ac.in. The Coordinator for the project will be Dr. Dattatraya G Subhedar, Assistant Professor, Department of Mechanical Engineering from CSPIT having contact number 9712624320, Email: dattatraya.me@charusat.ac.in.

Mr. Jayatiibhai M. Patel, Managing Partner, TEC shall function as a process owner from TEC. However, appropriate authorities shall be communicated for progress tracking and strengthening bond between two parties.



Patel

(e) Progress Review

Review committee shall be formed to review activities under MoU. It shall comprise of process owners and few more personnel from both the sides based on need of the project(s) being reviewed.

This MOU is signed under mutual agreement between CHARUSAT and TEC considering all the above points.

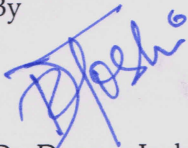
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This MOU is executed in duplicate with each copy being an official version of the agreement and having equal legal validity.

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On behalf of
CHAROTAR UNIVERSITY OF SCIENCE
AND TECHNOLOGY (CHARUSAT University)

By



Dr. Devang Joshi
Registrar



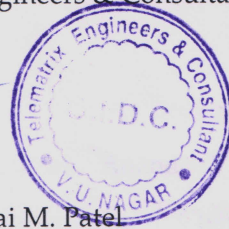
Date:

WITNESSES:

1. Minesh V. Amin

2. Dattatraya Subhedar Subhedar

On behalf of
Telematrix Engineers & Consultant.



Mr. Jayantibhai M. Patel
Managing Partner

Date:

WITNESSES:

1. Dwarotabhai M. Patel

2. Ruehis Patel

MEMORANDUM OF UNDERSTANDING
BETWEEN
GUJARAT INSTITUTE OF DISASTER MANAGEMENT,
GOVERNMENT OF GUJARAT, INDIA
AND
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
GUJARAT, INDIA

This Memorandum of Understanding [MoU] (the “Memorandum”) is made between The **Gujarat Institute of Disaster Management [GIDM]**, Gujarat, India, represented by the Director General, GIDM and The **Charotar University of Science and Technology (CHARUSAT)**, Gujarat, India represented by the Provost.

About Gujarat Institute of Disaster Management [GIDM]

The Gujarat Institute of Disaster Management (GIDM) is registered as an autonomous society under the Government of Gujarat. The Institute has been entrusted with the responsibility of human resource development, capacity building, training, research and documentation in the field of Disaster Management. As per the GIDM's objectives and mandates, it focuses on enriching the capacities – in specific areas of prevention, mitigation, preparedness, relief, recovery, rehabilitation, reconstruction and sustainable development - of the officials and other functionaries of the state and district administration for response to emergencies and in the longer run, it will take up similar capacity building for other stakeholders in the country.

Positioned as a Center of Excellence (CoE), GIDM has committed itself to development and application of information, research and technology for the safety of life, property and socio-economic processes in Disaster Management. It is thus also mandated to partner with national and international organizations, universities, institutions, bodies and individuals specialized in Disaster Management.

Charotar University of Science and Technology [CHARUSAT]

CHARUSAT has been established by promulgation of Gujarat Private University Act, 2009. Presently, CHARUSAT offers 64 programs from UG to Ph D under the tutelage

of 8 Institutes and 6 Faculties. They are in the allied disciplines of Technology & Engineering, Pharmacy, Computer Applications, Management Studies, Applied Sciences, Nursing, Physiotherapy, and other Paramedical Sciences.

With a thrust on socially relevant Research and Development, CHARUSAT strives to transform the society through creation, augmentation, dissemination and perpetuation of knowledge. For the purpose, a Research and Development Centre has also been established on the Campus. Uniquely, CHARUSAT has also established a Space Technology Centre to initiate and foster research in Space Technology.

Article I: Objective

Given the background of the two parties and the potential areas of partnership, this Memorandum represents a Framework of Cooperation between GIDM and CHARUSAT specifically on Joint Training Services, Strengthen Training Capacity, Joint Research Activity, Documentation and Case Study, Consultancy/ Advisory Services on use of Science and Technology in Disaster Management. GIDM and CHARUSAT will collaborate to identify ways to implement the objectives of this memorandum of understanding by working together wherever applicable in their respective ongoing programs and projects. Based on the expertise/ interest of faculties and students from various streams of CHARUSAT, joint activities/ internship/ projects will be taken up under the MoU.

Article II: Areas of Cooperation

Given shared primary mandates of the two parties on enhancing the co-operation between the two institutions and developing Academic and Professional Exchanges, Scientific Research, Consultancy/ Advisory Services on relevant matters and other activities, the MoU would collaborate under the followings:

- 1. Joint Development and Delivering of Prioritized Training Programmes on use of Science and Technology in Disaster Management***
 - i. To jointly conduct prioritized trainings on specific themes and sub-themes on use of Science and Technology in Disaster Management as identified and agreed upon by GIDM and CHARUSAT and issue certification/ degree for such training programmes.
 - ii. Work towards development of training curriculums, review and updating of the curriculums for effective training delivering to intended specific audiences
 - iii. Develop training package including participants' workbook, supplementary reading materials, case studies and exercises and facilitator guidebooks as resource pools for the trainings which could also be used for future similar trainings
 - iv. Enhancing Outreach and Upgrade training provision through IT based solutions jointly by undertaking Massive Open Online Courses (MOOCs) that may be conducted in collaboration with specialized institutions at national and international level, if necessary. Both institutions may share expertise, technical

solutions, Instructional Design, User interface and User Experience for development of online trainings.

2. *Strengthen use of Science and Technology in Disaster Management training capacities*
 - i. To jointly conduct Training Need Assessment and come up with strategic planning for training services development that well addresses specific and diverse demand of potential intended target groups and current gaps in capacity building on use of Science and Technology in Disaster Management
 - ii. To co-operate, assist and share technical expertise with each other to develop training capacity on various themes of use of Science and Technology in Disaster Management including transfer of necessary knowledge and training skills for effective Disaster Management trainings, joint capacity building activities for GIDM and CHARUSAT training resources persons and facilitators
 - iii. GIDM and CHARUSAT to identify potential areas to enrich and expand joint-training services to keep up with market demands and the emerging global trends on use of Science and Technology in Disaster Management
3. *Support and Promote use of Science and Technology in Disaster Management Knowledge, Experience Sharing and Joint Projects*
 - i. Jointly explore the opportunity for staff empowerment through staff exchange for short duration, in-house workshop for knowledge sharing and transfer, and other learning activities under mutually agreed terms and conditions
 - ii. Explore the opportunity to develop joint initiatives to promote use of Science and Technology in Disaster Management knowledge building including joint research, seminar and academic meetings, study documentation and case study on specific Disaster Management themes and sub-themes
 - iii. Support and promote existing use of Science and Technology in Disaster Management networks, forums, working groups and other formal and informal forum and other alternative channels for Disaster Management knowledge sharing at state, national and international level.
 - iv. Consultancy/ Advisory service on relevant matters as and when required.
 - v. Jointly contribute towards Policy formulation in the domain of use of Science and Technology in Disaster Management to support state and central governments along with agencies/ organisations working in this field.

Article III: Special Provisions

The GIDM and CHARUSAT will collaborate to identify ways to implement the overarching objectives of this Memorandum of Understanding. The decision to participate in any proposal or activity will be based on resources available to the respective organizations at the time. This memorandum of understanding does not preclude GIDM and CHARUSAT from collaborating with other organizations. This memorandum of understanding may be altered by mutual written consent of both parties. Any dispute arising in connection with the interpretation or application of this

memorandum of understanding shall be settled through consultation and mutual agreement.

Article IV: Institutional Arrangements:

The Director General/ Any other Officer duly authorised by the Director General will represent the Gujarat Institute of Disaster Management, Gujarat, India and Provost/ any other officer duly authorised by the Provost will represent Charotar University of Science and Technology, Changa, Gujarat, India.

Article V: Duration, Termination and Amendment of the MoU

1. This Memorandum shall enter into force on the date of its signature by both Parties and remain valid for a period of **five (5) years**, and subject to extensions signed by authorised representatives of both parties.
2. Either party may terminate this MoU by giving three months advance notice in writing provided, however, that either party may immediately terminate this MoU upon written notice if it determines that its continued participation would violate any laws, regulations, policies or rules applicable to such parties, jeopardise the health or safety of its faculty, students, or staff, or adversely affect its accreditation, licences, or tax status.
3. The provision of this MoU may be amended at any time with the mutual consent of the parties in writing.
4. The amendment, termination and expiration of this MoU will not affect the terms of activities ongoing formal project agreements at the time of amendment, termination and expiration unless otherwise agreed between the parties.

This MoU is prepared in two identical copies. Each party holds one original copy duly signed by the GIDM and CHARUSAT.

IN WITNESS WHEREOF, the Parties hereto, acting through their duly authorized representatives, have executed this Memorandum in their respective names on dates hereinafter mentioned.

Agreed and Signed for and on behalf of

Gujarat Institute of Disaster Management

Charotar University of Science and Technology

Name: Rakesh Jani

Name: DEVANGI JOSHI

Designation: Director (OM)

Designation:

Date: 29 March 2018

Date:

Place: Gandhinagar

Place:





Memorandum of Action (MoA)

between

Centre for Environment Education, Ahmedabad

and

Charotar University of Science and Technology (CHARUSAT)

For the implementation of the SDG Handprint Lab: A local area Study and Sustainability Action Programme

WHEREAS CHARUSAT is established under the Gujarat Act No. 8 of 2009, Government of Gujarat and the University Grants Commission (UGC) has empowered CHARUSAT to award Degrees under Section 22 of UGC Act 1956. CHARUSAT has its campus at Highway 139, Off, Nadiad - Petlad Road, Changa, Gujarat 388421 (hereinafter referred to as CHARUSAT).

WHEREAS Centre for Environment Education (CEE) established in August 1984 as a Centre of Excellence of the Ministry of Environment, Forest and Climate Change, Government of India having its registered office at Thaltej Tekra, Ahmadabad 380 054. CEE is a Society registered under the Societies Registration Act of 1860 (Act 21 of 1860) vide Registration No. Guj/1043/Ahmedabad dated August 28, 1984 (hereinafter referred to as CEE).

Background

The United Nations Sustainable Development Summit in 2015, adopted the 2030 Agenda for Sustainable Development—an ambitious plan of action with 17 Sustainable Development Goals (SDGs) and 169 targets all aimed at a universal, integrated and transformative vision for a better world. The Goals apply to every nation and every sector. Governments, businesses, schools, colleges, organizations and the general public, all are challenged to act and share responsibility to work together to build a better future for everyone.

Achieving the 2030 Agenda will require strong partnerships between young people and all the relevant stakeholders. Young people have been described as the 'torch bearers' by the United Nations leaders and that they have a central role to play in the successful implementation of SDGs. Therefore, it is crucial that youth are informed and engaged with the global vision for the future.

The knowledge, reach and innovative solutions by young people are essential if sustainable development is to be realized. Responding to the call of action, SDGs can empower students to become responsible global citizens. From being inventors creating solutions to problems to being innovators, identifying needs through research and evidence to looking at advocacy through campaigns that allow them to share their voices with the world, students may explore their own passion, in their own style of learning find solutions to issues that impact their communities.

SDG Handprint Lab is a certificate programme offered by CEE. It is an initiative towards increasing youth participation in achieving the SDGs at the local level. The programme challenges the students to understand the goals and targets in a selected geographic area and think of solutions and Handprint actions that could lead to achieving the goals. Handprint actions are positive and tangible actions taken towards sustainability. Exploring the themes of the SDGs is an excellent way to get the students to link their education and skill with real life problems in the wider community and environment.

Objective

Providing a unique learning environment to youth that involves understanding of the SDGs and relating it to issues of a local area and using their skill and knowledge to conduct research and executing handprint activities.

Responsibilities covered under this MoA:

As enclosed in Annexure I.

BENEFITS OF THE PROGRAMME

- Opportunity to be part of CEE's and partner national and international networks.
- Understand the SDGs and learn their indicator protocols in a local area context.
- Practical applications of academic knowledge
- Learn to develop sustainability strategies, conduct research and work with community.
- Students acquire report writing and presentation skills

CERTIFICATION

Each participating student will get a certificate of participation on completion of the project by CEE's SDG Handprint Lab which is based on The United Nation's 2030 Agenda for Sustainable Development.

PROGRAMME FEE

The fee for the programme is Rs. 2,50,000 (Rupees two lakh fifty thousand) for the launch year. This includes a registration fee: Rs. 50,000 (paid one time only) and Rs. 2,00,000 for a batch size up to 100 students. Any additional registration will be charged at Rs. 2000 per student. For the subsequent semesters the fee will be finalized jointly.

DURATION:

The programme is spread over a period of approximately six months from **January to June 2019**. It is expected that the College will continue the programme till 2030 with new batches in successive years studying and implementing their projects in the same geographic area selected by the College. 2030 is the year by which the SDGs are to be fulfilled by.



ROLES AND RESPONSIBILITIES:

CEE:

1. Help in setting up the Lab and initial survey of CHARUSAT resources
2. Content Development and providing support material
3. Conducting programme sessions at CHARUSAT
4. Overall guidance to student groups during the programme
5. Introducing students to the field area
6. Running a web-portal for students to upload their data and report their work
7. Student evaluation and certification
8. CEE will offer 2 months' internship for selected students of the SDG Handprint Lab

CHARUSAT:

1. Coordination and communication of sessions at CHARUSAT and during field visits
2. Monitoring, assessment (jointly with CEE) and reporting of students

INTELLECTUAL PROPERTY RIGHT

The copyright of the material generated using the resource kit and the intellectual property developed as part of the project and the lab involving CHARUSAT will be a joint property of CEE and CHARUSAT

NOTICES:

Any notices under this Agreement will be sent by e-mail, certified or registered mail, return receipt requested, to the respective address of Parties as contained in this Agreement. Such notice will be effective upon its mailing.

If to CEE:

Attention:
Address:

Email:

If to CHARUSAT:

Attention:
Address:

Email:

AMENDMENTS:

No amendment to this Agreement shall be binding unless made in writing, signed by the authorized representatives of the Parties.

FORCE MAJEURE:

If CEE is unable to perform its obligations under this Agreement due to the occurrence of an event beyond its control (such as acts of God, War like situation, Riots, Bandhs, Government actions, Earthquakes, Cyclones, Typhoons, and other natural calamities, etc.,) CEE will not be deemed to have defaulted under this Agreement.

DISPUTE RESOLUTION

In case of any dispute that cannot be solved through discussions, the same shall be referred to arbitration. Reference made shall be deemed to have been made under the provisions of the Arbitration and Conciliation Act, 1996 or any statutory modification/re-enactment thereof and rules made thereunder.

The Arbitration proceedings shall be held in Ahmedabad. The language of the Arbitration will be English. The courts in Ahmedabad shall only have jurisdiction in this matter.

For CEE

(Authorized Signatory)

Witnesses:

1.

Date: January 25, 2019

Place: Ahmedabad

Annexure I

1. Registration and Setting up of SDG Handprint Lab

The SDG Handprint Lab will be formed at the CHARUSAT by CEE through the following process:

- a. Affiliation of the Institution to SDG Handprint Lab
- b. Facilitating identification of a geographical area for the SDG Handprint Implementation
- c. Setting up of the unit (lab) at the college. The lab will be equipped with information needed by students including a map of the geographical area of study, study material, activity material etc. A rapid assessment of the college in terms of available scientific tools and skills for conducting the studies on selected themes will be conducted to identify gap, if any.
- d. Facilitating customising of the programme for the college/geographical area.
- e. Orienting management and faculty members involved in the process.

Providing access to web-portal and information on other web resources. Provide opportunities to connect to international Handprint community.

2. Action Plan

The overall approach and strategy of the project will be based on the goals, targets and indicators of the Sustainable Development Goals. The programme involves nine steps.

For CHARUSAT

(Authorized Signatory)

REGISTRAR

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
EDUCATION CAMPUS, CHANGA

2.

A. D. Patel
(Dr. A. D. Patel,
Principal, CSPIT, Charusat)

1. Orientation
2. Selection of the SDG Target and Group Formation
3. Compilation and Analysis of Available Statistical and Geospatial Information
4. Ground truthing
 1. Understanding/developing methodology
 2. Baseline study
5. Developing Project Strategy and Plan of Action
 1. Analysis of data
 2. Developing the plan of Action
6. Presentation of Strategy and Ethical Evaluation
7. Project Implementation and Handprint Action
8. Submission of Project Report
9. Presentation, Evaluation and Certification

Step 1: Orientation

Students will be oriented to the SDG Handprint Lab. Students will also be made familiar with the concept of Handprint, the SDGs and its 17 goals and the 169 targets.

Step 2: Selection of the SDG Target and Group Formation

Once the students have gathered enough knowledge about the global goals, based on their interest area, they will select the SDG target/Sub-target aimed at addressing a local sustainability concern. CEE will provide a short list of about 50 SDG targets that are suitable for this programme. Through an interactive session, the students will evaluate these in relationship to the specific geographical area, mapping the local sustainability concerns in the identified area and identifying/selecting the issue that will be addressed. Students with similar interests form groups of 3 to 5 members each and work together from step 3.

Step 3: Compilation and Analysis of Available Statistical and Geospatial Information

Available data for the selected area will be collected through the students assisted by the CEE facilitators. Additional geospatial data will also be procured for the area. The sensors and models that measure, monitor and forecast our planet produce a large amount of data for the environment. These data can contribute to the implementation of the 2030 Agenda and the SDGs. Students will be exposed to platforms for obtaining information for planning, monitoring implementation, and tracking accountability. Students will be encouraged to integrate statistical and geospatial information for baseline study and project implementation

Step 4: Ground truthing

Research and analysis of the available information on the selected SDG target in the geographical area would be done in this step. The data for the same would be obtained from research organizations, government reports, statistical information, surveys, observation, interview with expert etc. This baseline study will help the group understand the ground reality and strategize their action plan. CEE will provide basic methodology for data

measurement. As the aim is to integrate this work with the skills learnt in the students course work, there will be coordination with faculty necessary at this stage.



Step 5: Developing Project Strategy and Plan of Action

Groups will devise a strategy to implement intervention on the chosen target based on the baseline study. They will also be exposed to solutions that others are using. The strategy must address all dimensions of the issue and discuss what needs to change and how this change will be effected. The strategy must address and involve stakeholders in the community. Students talk to the community and other stakeholders to conduct a basic opinion poll or random sample survey. Groups also collect information on best practices and integrate this into their strategy.

The SDG Handprint website and the mobile app will keep all the member colleges and students connected and will provide a platform to share and discuss ideas.

Step 6: Presentation of Strategy and Ethical Evaluation

The session will start with a discussion on what criteria one would use in evaluating a strategy. This will include issues of cost, speed, effectiveness, durability of the solution etc. This will be followed by a discussion on issues of different stake holders and how the solution effects different groups, how a sustainability and environmental impact assessment is done, what issues are involved in ethics and development. It will introduce the students to the Earth Charter, the Rio principles and global discussions on fairness, ethics and justice issues. It will then evaluate the proposed interventions from this point of view and modify the strategies as necessary.

Step 7: Project Implementation and Handprint Action

SDG Handprint Lab will implement the plan of action with the help of partners and other stakeholders.

Step 8: Submission of Project Report

The results of the intervention will be assessed, stock taken and the final report will be prepared.

The report will document the observations, strategy, Handprint Actions taken in achieving the SDG Target and recommendations (if any) for any further actions required. The report will be uploaded on the SDG Handprint Lab website.

A detailed record of the project and methodology will be made and kept in the Lab space. This will be available in future to other students who may take up the same targets and take it further in the following years. Through the website, the students will also be able to compare their results with those of other universities.

Step 9: Presentation, Evaluation and Certification

The students will be evaluated on the basis of specific learning goals of the programme. An Exhibition highlighting the Handprint Action by the students as a part of the SDG Handprint Lab and the positive impact created in the selected Geographical Area, will be organized in the institute. The exhibition will highlight the achievement towards 2030 Agenda for Sustainable Development. Students will obtain a SDG Handprint Certificate on meeting the criteria established to evaluate their performance.

Implementation:

The project will be offered as a club activity and interested students can join. The project will run for 6 months (January to June). Minimum 3 to 5 field visits are required and approximately 15 class room sessions. With support from faculty, CEE will facilitate the entire project through resource kit, web resources and minimum 10 contact sessions.

Based on the request from College, CEE will try and integrate the above in any of their existing programmes based on convergence of aims and objectives of the two Programmes. Adequate time and participation of students for planning, research and analysis, presentation will need to be built in by the University to achieve the desired objectives of the Programme.

MEMORANDUM OF AGREEMENT

This Memorandum of Agreement is made between

VMS Engineering and Design Services Private Limited, hereafter called "VMS", having its registered office at Chitrkoot Flats, Ashram Road, Behind Times of India Building, Ashram Road, Navarngpura, Ahmedabad 380009, and

CHAROTAR UNIVERSITY OR SCIENCE AND TECHNOLOGY, hereafter called the "CHARUSAT", having its registered office CHARUSAT Campus At Changa, Ta. Petlad Dist. Anand – 388 421

WHEREAS VMS is a leading organization of consulting engineers and architects, having more than fifty years of experience in designing buildings and civil engineering facilities and have carried out thousands of projects in India and abroad, and

WHEREAS VMS has established VMS Academy with a desire to disseminate its expertise to institutions and individuals interested in learning practical aspects of design, and

WHEREAS the University has desired to equip its faculty members with practical knowledge of design so that they can provide meaningful and relevant education to their students

IT IS NOW AGREED between the parties as follows:

1. VMS Academy will provide a model training programme it has prepared to the participants nominated by the University and modify the same, if required, in consultation with the participants.
2. VMS Academy will conduct training sessions on line with Webinar and other means. VMS Academy will also conduct workshops at its premises for practical hands on experience.
3. Upon successful completion of the training programme, VMS Academy will provide a certificate of satisfactory completion to the participants.

4. VMS Academy will not make any charges to the University for providing the training to its faculty members.
5. The University will ensure that the faculty members nominated by it are in a position to attend the training programme.
6. The University or the concerned faculty members will defray all out of pocket and travelling expenses.
7. The duration of this Agreement shall be for a period of Two years and the same can be reviewed for extension at the end of the period.

Date: 11-02-2019

For VMS Academy

Signature

Bhavin Shah
CBHAVIN SHAH

Date:

Witness:

Name: Jay K Bhavsar

Signature *Bhavsar J.K.*
11/02/2019

For the University

Signature

Doshi

Date: 11/02/2019

Witness:

Name: Dr. V. R. Panchal

Signature

Panchal



MEMORANDUM OF UNDERSTANDING

BETWEEN

**Charotar University of Science and Technology
(CHARUSAT), Changa**

AND

L & T Power Training Institute, Vadodara

This Memorandum of Understanding (MoU) is signed on April 26th, 2019 between **Charotar University of Science and Technology (CHARUSAT)** having its registered office at **CHARUSAT Campus, Changa, District: Anand, Gujarat** and hereinafter called the "**First Party**" (which expression shall, unless repugnant to the context, include its successors and assignees of the "First Party") and **L&T Power Training Institute (L&T PTI)** hereinafter called the "**Second Party**" (which expression shall, unless repugnant to the context, includes its successors and assignees of the Second Party) is an Engineering conglomerate involved in large scale projects on EPC route within and outside India.

PREAMBLE

CHARUSAT is a premier academic and research Institution which has driven new ways of thinking since its inception in 2009. CHARUSAT is established under the Gujarat Act No. 8 of 2009, Government of Gujarat. Today, CHARUSAT is an intellectual destination that draws inspired scholars to its campus, keeping CHARUSAT at the nexus of ideas that challenge and change the world. CHARUSAT is a state private university with 09 constituent institutes. The University caters to the fields of Engineering, Pharmacy, Computer Applications, Management, Applied Sciences, Nursing, Physiotherapy, and Paramedical Sciences. The University has about 7,000 plus students enrolled in Under Graduate, Post Graduate programs along with a robust Doctoral program.

Larsen and Toubro Limited is an Engineering conglomerate working on large scale Projects on EPC route within and outside India. L&T PTI is a training institute that imparts technical training to professionals.

WHEREAS, both first party and second party, now

- Recognizing the importance of internship in the areas of engineering, technology, technology management and soft skills as well as imparting industrial training to engineering/technology/science students and in the process facilitating their journey from the Campus to Corporate.
- Training of faculty members
- Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to engineering, technology & technology management

Intend to prepare the students by providing them practical training/internship in the fields of engineering, technology and sciences with special emphasis on

technology management and related fields. This initiative also aims at imparting training on soft skills required to navigate in the increasingly complex industrial environment.

Now, Therefore, in consideration of the mutual promises made herein and of good and valuable co-operation, the receipt and sufficiency of which both parties hereby acknowledge, both parties hereby agree to sign a memorandum of understanding (MOU).

ARTICLE-I: SCOPE OF THE MOU

This MOU details the modalities and general conditions regarding collaboration between first party and second party. for enhancing, within the country, the availability of highly qualified manpower in the areas of engineering, technology & technology management without any prejudice to prevailing rules and regulations in first party and second party without any disregard to any mechanism evolved and approved by the competent authorities under Govt. of India in so far as such mechanism applies to first party and second party. The areas of cooperation can be extended through mutual consent.

ARTICLE-II: SCOPE AND TERMS OF INTERACTIONS

Both parties will work together through the following arrangements:

- a) Organization of joint seminars;
- b) Explore the opportunities to develop joint research and industry-academic interactions;
- c) Develop PhD programs to enable L&T officials to enrol as regular external candidates;
- d) As per mutual convenience, L&T officials can plan lecture sessions for B. Tech and M. Tech programs at CHARUSAT;
- e) Working out Interdisciplinary-Specialized study areas and University Electives as applied to Industrial practice;
- f) Sharing the excellent library facilities existing with both the institutions;
- g) Class room training, site Visits & Workshop Module for CHARUSAT students and faculty members at L&T-PTI;
- h) Second party would accommodate undergraduate students who have completed the 5th semester and 7th Semester of their programme on such a number that second party deems convenient to it for imparting

industrial training/internship. This will help in fulfilling the mandatory requirement for the internship as per academic regulations of AICTE. Second party will offer training modules of 1-week, 2-weeks, and 3-weeks for students at concessional rates depending upon the strength of the students in a training batch;

- i) Students will sign an Undertaking before the site visit as per L&T rules;
- j) Second party would allow the industrial visits for constitute colleges' students of CHARUSAT for half/full day to provide them with an exposure to various equipment, instrument, etc.;
- k) Second party may demonstrate its business activities in form of Seminar/workshop/conference, etc. at any of the constitute colleges of CHARUSAT at the sponsoring rates decided for the event;
- l) In any of the activities mentioned above, wherever financial aspects are involved, amount, payment conditions, etc. would be spelt out clearly before starting the activity.
- m) Endeavouring to include CHARUSAT in L&T's campus recruitment plan.
- n) Facilitating project internships and M. Tech Dissertations at L&T.
- o) Second party will organise Faculty Development program for Charusat.

ARTICLE-III: CO-ORDINATION OF THE PROGRAMME INCLUDING FINANCIAL ARRANGEMENTS

- a) The collaborative programme between both parties shall be coordinated by a coordination committee appointed by Head of both the Institutes. The committee will review the progress on annual basis and recommend necessary course corrections.
- b) Financial arrangements for each specific collaboration will be decided on a case-to-case basis and brought on record in each case after due approval from head of both the Institutions.

ARTICLE-IV: EFFECTIVE DATE AND DURATION OF MOU

- a) This MOU shall be effective from the date of its approval by competent authorities at both ends.
- b) The duration of the MOU shall be for a period of 3 years from the effective date.
- c) During its tenure, the MOU may be extended or terminated by a prior notice of not less than three months by either party. However, termination of the MOU will not in any manner affect the interests of the students/faculty members

/scientists/ working professionals from the first party and second party who have been admitted to pursue a programme under the MOU.

d) Any clause or article of the MOU may be modified or amended by mutual agreement of both parties.

ARTICLE-V: AMENDMENTS

Any amendment and/or addenda to the AGREEMENT shall be in writing and signed by both parties hereto and shall only after such execution be deemed to form part of the AGREEMENT and have the effect of modifying the AGREEMENT to the extent required by such amendment or addenda.

First Party

Signature



Name: DEVANG JOSHI

Designation: REGISTRAR

Charotar University of Science and Technology, Changa

Witness

First Party

Signature



Name: Dr. A.D. PATEL

Designation: PRINCIPAL, CSPIT

Charotar University of Science and Technology, Changa

Date: 26th April, 2019

Place: Charusat Campus,
Changa.



Second Party

Signature



Name: RAJEN PANDYA

Designation: Head -

L&T Power Training Institute, Vadodara

Second Party

Signature



Name: BIBHAS KUMAR BASU

Designation: VP & HEAD - CORPORATE CENTER
& TECH.

L&T Power Training Institute, Vadodara



MEMORANDUM OF UNDERSTANDING (MOU)

Between

Chandubhai S. Patel Institute of Technology

AND

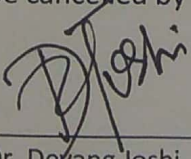
Silver Touch Technologies Limited, Ahmedabad

This Memorandum of Understanding (MOU) is made on 11th May 2019 by and between **Chandubhai S. Patel Institute of Technology** hereinafter referred to as C.S. Patel Institute of Technology and **Silver Touch Technologies Limited, Ahmedabad** herein after referred to second party to promote greater interaction and agree to work together to achieve following academic objectives.

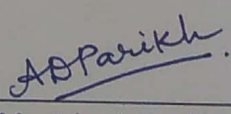
- To establish close and continuing interaction to improve industrial exposure to the students of College Name.
- To help students to identify real life challenges faced by the industries.
- To arrange Expert talk/ Seminars / Workshops with help of engineers from the second party and faculties from College Name.
- To have Summer / Winter / Short Term internships for students.
- To have Students Industrial Visit.
- To support innovation and start-up activities by providing mentorship from second party and fund from College Name under Student Support and Innovation Policy

Both the parties recognize that this Memorandum of Understanding (MoU) establishes a foundation of mutual understanding and interest and does not itself entail any financial obligation for either party.

This MoU shall become valid for the period of three years with understanding that the agreement may be cancelled by either party on mutually agreeable terms.



Dr. Devang Joshi
Registrar, CHARUSAT



Mr. Adarsh Parikh
Associate Vice President,
Silver Touch Technologies Ltd.

Faculty of Pharmacy

NON-DISCLOSURE AND INTELLECTUAL PROPERTY RIGHTS AGREEMENT

This Confidentiality Agreement is made by and between **Herbitat Lifesciences LLP** ("OWNER"); and Institute of Pharmacy, Ramanbhai Patel College of Pharmacy, Charotar University of Science and Technology ("RECIPIENT") and entered into **June 7th 2018**

WITNESSETH

WHEREAS, OWNER has developed through substantial effort, research, time, and expense certain inventions, design and research concepts, methodologies, technical know-how, data, intellectual property, patentable material and/or technology, copyrightable material and/or technology and trade secrets and business directed and related to scientifically supported platform technologies for improving the bioavailability, efficacy & release patterns of naturally occurring bio active ingredients and/or pharmaceuticals for human consumption ("INFORMATION");

WHEREAS, OWNER desires to disclose the INFORMATION on a confidential basis to RECIPIENT solely for the purposes of evaluating the INFORMATION for the limited purpose of determining if it is expedient to proceed with the protocol, and for no other purpose what so ever. The INFORMATION constitutes a valuable commercial asset to the OWNER.

WHEREAS, OWNER wishes to maintain the confidentiality of the INFORMATION and the protection of OWNER'S intellectual property rights.

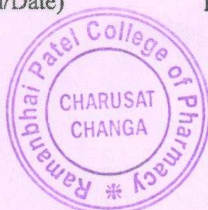
NOW, THEREFORE, in consideration of the mutual promises, covenants, and conditions contained herein, the sufficiency of which is hereby acknowledged, the parties agree as follows:

I. CONFIDENTIAL INFORMATION

- A. For purposes of this agreement, CONFIDENTIAL INFORMATION shall mean all strategic development and plans, financial condition, data, project record, methodologies and procedures, information related to processes, technologies or theory and all other information which may be disclosed by the OWNER or to which the RECIPIENT may be provided the access by the OWNER or others in accordance with this agreement, which is generated as result of incidental to or in connection with the study purposes which is not generally available to the public
- B. RECIPIENT agrees to receive such INFORMATION and to refrain from copying, disclosing, using, selling, or offering for sale any and all of said INFORMATION, other than at the request of OWNER, with the exceptions as provided in paragraph C herein. RECIPIENT agrees to keep confidentiality and refrain from disclosing any and all of the INFORMATION, and to take all necessary and reasonable steps to prevent unauthorized disclosure or use of any and all of the INFORMATION. RECIPIENT shall refrain and shall cause all its authorities, employees, faculty members, students, other directly or indirectly involved representatives to refrain from divulging or disclosing to any other person and/or entity any confidential documents or information concerning the OWNER and RECIPIENT'S services rendered hereunder (the "Work").
- C. Notwithstanding paragraph B, RECIPIENT shall not be liable for disclosure or use of INFORMATION only if, and only to the extent that, said INFORMATION was in the public domain at the time it was disclosed by OWNER, or was known to and recorded in writing by RECIPIENT prior to the time of disclosure by OWNER, or is received from a third party or passes into the public domain without breach of this Agreement. With respect to any

OWNER *[Signature]* June 7 2018 (Sign/Date)

RECIPIENT *[Signature]* 11th June, 2018 (Sign/Date)



INFORMATION known by RECIPIENT prior to the time of disclosure by OWNER that RECIPIENT believes to constitute the INFORMATION, or any portion thereof, RECIPIENT shall disclose to OWNER an adequate written description of the INFORMATION within fourteen (14) days of the disclosure by OWNER.

- D. This is not an offer for sale or license. No right or license is granted by OWNER to RECIPIENT in connection with the technical information or inventions disclosed under this agreement. All documents or materials constituting the INFORMATION and all reproductions thereof shall at all times remain the sole property of OWNER and shall promptly be returned by RECIPIENT upon request.
- E. This Agreement shall remain in force in spite of disclosure of the INFORMATION by OWNER in the form of all intellectual property applications, patent applications, copyright applications, or other disclosures by OWNER.

II. RESTRICTIONS

A. Except for the express written consent of OWNER, RECIPIENT agrees:

1. Not to use or disclose to another person or entity any confidential information of OWNER;
2. Not to make, or cause to be made, any copies, facsimiles or other reproductions including data files of any documents containing confidential information of OWNER; and
3. To use all other reasonable means to maintain the secrecy and confidentiality of the confidential information of OWNER.

B. RECIPIENT further agrees, at the request of OWNER:

4. To immediately return to OWNER all of the items in the possession of RECIPIENT which relate to or which disclose in whole or in part any confidential information of OWNER; and
5. To refrain from using or disclosing to any other person or entity any confidential information of OWNER.

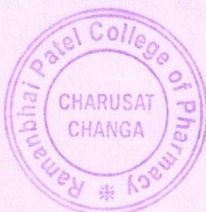
III. INTELLECTUAL PROPERTY

A. Title and Copyright Assignment

1. All products and results of the Work are works made for hire. RECIPIENT acknowledges and agree that the Work (and all rights therein, including, without limitation, copyrights) belongs to and shall be the sole and exclusive property of OWNER.
2. Notwithstanding the foregoing, RECIPIENT also hereby assigns and transfers to OWNER, its successors and assigns, the entire right, title, and interest in and to all copyrights in the Work; all registrations and copyright applications relating thereto and all renewals and extensions thereof; all works based upon, derived from, or incorporating the Work; all income, royalties, damages, claims and payments now or hereafter due or payable with respect thereto; all causes of action, either in law or in equity for past, present, or future infringement based on the copyrights; and all rights corresponding to the foregoing throughout the world.

OWNER PA Patel June-7-2019 (Sign/Date)

RECIPIENT Dr. P. Patel 07th June 2019 (Sign/Date)



Page 2 of 4



3. RECIPIENT hereby waives and appoints OWNER to assert on RECIPIENT'S behalf RECIPIENT'S moral rights or any equivalent rights regarding the form or extent of any alteration to the Work (including, without limitation, removal or destruction) or the making of any derivative works based on the Work, including, without limitation, photographs, drawings or other visual reproductions or the Work, in any medium, for OWNER'S purposes.
4. RECIPIENT agrees to execute all papers and to perform such other proper acts as OWNER may deem necessary to secure for OWNER or its designee the rights herein assigned.

B. Patent Assignment

1. RECIPIENT may invent new, original, and ornamental or useful inventions in the course of or related to RECIPIENT'S business relationship with OWNER ("the Inventions").
2. RECIPIENT hereby assigns and/or transfers to OWNER, its successors or assigns, the entire right, title, and interest in and to said Inventions, and any patent and patent applications deriving there from for any such invention in India and throughout the world, including the right to file foreign applications directly in the name of OWNER and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise; and to cooperate with OWNER as may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing said patent or patent applications in India and throughout the world for said Inventions, and for perfecting, recording, or maintaining any such title in OWNER.
3. Notwithstanding the above, RECIPIENT shall not assign and/or transfer any invention for which no confidential information of OWNER was used, unless the invention results from any work performed by RECIPIENT for OWNER.

C. Ownership of Trademarks

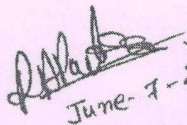
RECIPIENT hereby acknowledges that OWNER shall retain all right, title, and interest in all trademarks, trade dress, and good will that results from the INFORMATION or any use or offer to sell thereof.

IV. COVENANT NOT TO SUE

RECIPIENT shall not institute any action or suit at law or in equity against OWNER, nor institute, prosecute or in any way aid in the institution or prosecution of any claim, demand, action, or cause of action arising out of the INFORMATION or any INTELLECTUAL PROPERTY thereof, including but not limited to, claim, demand, action, or cause of action for invalidating any INTELLECTUAL PROPERTY of OWNER.

V. DAMAGES AND SPECIFIC PERFORMANCE

RECIPIENT agrees that should RECIPIENT breach any of the promises contained in this Agreement that OWNER would suffer irreparable harm and OWNER would be without adequate remedy at law and that OWNER may obtain injunctive relief, including specific performance of the Agreement, as well as monetary award for damages suffered by OWNER for RECIPIENT'S breach of this Agreement.

OWNER  June 7 - 2018 (Sign/Date)

RECIPIENT  11th June, 2018 (Sign/Date)



VI. NO WAIVER

Failure at any time to require performance of any of the provisions herein shall not waive or diminish a party's right thereafter to demand compliance therewith or with any other provision. Waiver of any default shall not waive any other default. A party shall not be deemed to have waived any rights hereunder unless such waiver is in writing and signed by a duly authorized officer of the party making such waiver.

VII. SEVERABILITY

Should a court of competent jurisdiction find that any portion of this Agreement is invalid, illegal, or unenforceable, the remaining provisions shall remain in full force and effect, and the parties shall use reasonable efforts to substitute a valid, legal, and enforceable provision that implements purposes of the provision so held invalid, illegal, or unenforceable to any extent permissible under the law.

VIII. MERGER/MODIFICATION IN WRITING

RECIPIENT agrees that this Agreement shall supersede all prior agreements and shall not be modified by either party except in writing and by agreement between both parties. Notwithstanding this paragraph, RECIPIENT shall honor all prior obligations concerning confidentiality of OWNER'S confidential INFORMATION.

IX. CHOICE OF LAW

This Agreement shall be governed by, construed, and enforced in accordance with the laws of India.

IN WITNESS WHEREOF, the parties have executed this agreement as of the latest date indicated below.

OWNER

(For HERBITAT LIFESCIENCES LLP)

504 Dunhill Corner CHSL
Military Road No.7, Golibar Road
Santacruz East, Mumbai,
Maharashtra 400055

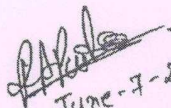
Authorized Signatory – Ritesh Patel

RECIPIENT

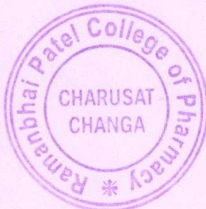
(For Ramanbhai Patel College of Pharmacy, Charotar
University of Science and Technology)

Changa
Ta: Petlad, Di: Anand, 388421,
Gujarat, India.

Authorized Signatory – Devang Joshi

OWNER  June-7-2018 (Sign/Date)

RECIPIENT  11th June, 2018 (Sign/Date)





ગુજરાત ગુજરાત GUJARAT

BF 883723

પે.મા.ક.સ્ટુ.નં : ૪૪૩૦/૮ રૂ. : ૧૦૦ / -અંકે રૂપિયા સો પુરા

નામ : શ્રી ચરોતર મોટી સત્વાવીસ પાટીદાર કેળવણી મંડળ

રહેવાસી : સાંગા, તા. પેટલાદ. તારીખ: ૨૮-માર્ચ-૨૦૧૮

હસ્તે : પટેલ સન્ની વિજયભાઈ (રહે. મુ. સાંગા, તા. પેટલાદ.)

ખરીદનારની સહી :

સ્ટેમ્પ વેન્ડર, પેટલાદ

લા.નં.પી / ૨ / ૨૦૦૩

રહેવાસી મુ. શેખડી, તા. પેટલાદ

MEMORANDUM OF UNDERSTANDING

BETWEEN

RAMANBHAI PATEL COLLEGE OF PHARMACY (RPCP),
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY- CHARUSAT

AND

FRONTIER RESEARCH, GUJARAT, INDIA

This Memorandum of Understanding is signed on the 3rd day of November, 2018 at CHARUSAT campus, Changa, BETWEEN:

- (a) Charotar University of Science and Technology (CHARUSAT), situated at Changa, having address at CHARUSAT Campus, Changa, Taluka Petlad, District Anand-388 421 established under Gujarat Private University Act No.8 of 2009, Government of Gujarat and

Page 1 of 6

has empowered to award degrees by UGC u/s.22 of UGC Act, 1956 (hereinafter referred to as "CHARUSAT" which expression shall where the context so admits include its successors and permitted assignees).

AND

Frontier Research established in 2018 at A1-Rushabh Apartment, Ellisbridge, Ahmedabad – 380 006, Gujarat, India. Frontier Research is engaged in research and development-based organization. Their involvement is mainly in pharmaceutical and chemical formulation development, analytical research and compliance related consultation work. Their prime objective is to improve the efficacy, safety, and quality of pharmaceutical products for better clinical compliance. Their projects are based on both human and veterinary products.

Frontier Research's Consultation work is for local and international organizations.

WHEREAS both the parties have the intentions to provide project work and exposure to students in the field of Pharmaceutical Product Development so that students are industry ready and at the edge of employability.

NOW it is mutually agreed by and between the parties as under:

1. **Objectives**

This MoU reflects the participants' intentions to collaborate in specific activities set out herein under pertaining to the field of pharmaceutical and chemical formulation development, analytical research and compliance related consultation work. The objective of this agreement is to strengthen the relationship between industry and academia for quality education in the relevant disciplines as well as solving industrial problems by delivery or sharing of expertise.

2. **Responsibilities of the parties under this MoU**

Now, therefore, in consideration of the objectives contained herein, the parties at this moment agree as under:

The CHARUSAT undertakes responsibility as follows:

1. The Ramanbhai Patel College of Pharmacy (RPCP), a constituent institute of CHARUSAT shall identify the deserving human resources (Faculties and Students) for projects to be undertaken for Frontier Research.
2. The RPCP shall ensure that data/information provided by Frontier Research shall be effectively used for the benefit of project execution purpose only.

N. Chotai

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3. The RPCP shall observe the Frontier Research policies about training, internship, placement of the students and future collaboration.
4. The RPCP shall provide technical support and required infrastructure to Frontier Research for Research and Development.

The Frontier Research undertakes responsibility as follows:

1. Frontier Research shall provide the required data/information to implement the projects to be undertaken by CHARUSAT.
2. Frontier Research shall provide the required raw materials, columns, and all necessary consumables, etc., for the smooth and timely execution and completion of the project.
3. Frontier Research shall allow using its name and emblem for all communications of CHARUSAT to the extent that it is used for information of students, faculties, submission to academic, regulatory agencies and organization(s) that assesses and accredits Institutions and Universities for non-commercial gains.

3. Procedures for activities

CHARUSAT and Frontier Research shall encourage interaction for Research and Development collaboration by their representative(s) through following activities:

- (a) Conducting Joint Research and Development projects;
- (b) Cooperation in Individual Projects;
- (c) Search for Opportunities to Collaborate in the Future.

4. Intellectual Property Rights (IPR)

- (a) Rights (IPR) concerning outcomes, resulting from research projects or work funded by CHARUSAT shall be subject to the applicable CHARUSAT rules on IPRs.
- (b) Rights (IPR) concerning outcomes, resulting from research projects or work funded by Frontier Research shall be subject to the applicable provisions in the Frontier Research's rules.
- (c) In the case where Intellectual Property Rights are generated based on inputs from both the parties, there will be a Joint Ownership. In such case, the generating parties will, in good faith, endeavor to establish a Joint Ownership Agreement with regards to allocation and terms of exercising joint ownership taking into relevant provisions on IPR. In case of conflicts arising between parties involved, an amicable solution will be sought by submitting the case before an appropriate committee having

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representation from both parties and chaired jointly by the Provost of CHARUSAT and Chief Executive Officer (CEO) of Frontier Research.

- (d) In the case where Intellectual Property Rights are generated based on inputs from both the parties, proprietary information and results will not be published or made available in any public domain.

5. Confidentiality

Each party shall keep confidential and not use for any other purpose not contemplated hereunder, all proprietary information disclosed by the other party, directly or indirectly. Any discoveries, inventions or know-how resulting from the project shall be kept confidential for **three** years from the date of termination of this agreement, if any, except as authorized in writing by the other party or provided herein.

6. Financial obligation

Financial arrangement for each specific activity to be undertaking under this collaboration will be decided on a case-to-case basis and brought on record in each case after due approval from heads of both the parties.

7. Miscellaneous

(a) Exclusivity

The parties agree that this memorandum does not confer any exclusivity regarding activities covered by this memorandum and they may collaborate on similar activities with other parties.

(b) Commencement and duration

This memorandum shall operate as from the date of signature thereof (**3rd Day of November 2018**) and shall remain binding for 3 years, unless terminated prior to it by mutual written consent between the parties. This MoU may, after expiry thereof, be renewed by the consent of both the parties by the terms and conditions of this agreement.

(c) Indemnification

Each party shall indemnify, defend and hold harmless the other party from and against any and all claims, demands, liabilities, settlements, damages, costs and expenses including reasonable attorney's fees and expenses, arising out of, or in any way connected with, any default, breach or negligent non-performance of this MoU or any negligent act or omission on the part of indemnifying party, its agents and employees arising out of this conduct. Each party shall provide prompt written

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Dr

notification to the other party in the event an indemnified claim arises. The indemnified party shall reasonably cooperate with the indemnifying party at the indemnifying party's expense.

(e) Dispute and Settlement

This agreement shall take effect and be construed by the Laws of India and be subject to its applicable jurisdiction and at the courts of Anand. In case of any dispute or differences, whatsoever arises between parties about or in connection with this agreement; both parties shall try first to resolve it amicably between themselves, failing which the matter shall be referred to and settled through arbitration. The arbitration proceedings shall be held by the provision of Indian Arbitration and Reconciliation Act.

(f) Process Owner

Principal, Ramanbhai Patel College of Pharmacy, shall function as a process owner from CHARUSAT having contact number 9904132390, Email: mananraval.ph@charusat.ac.in. The Coordinators for the project will be Dr. Rashmin B. Patel, Associate Professor, and Dr. (Mrs.) Mrunali R. Patel Associate Professor, from Department of Pharmacy, RPCP. Dr. Narendra Prabhudas Chotai, Chief Executive Officer (CEO), Frontier Research, shall function as a process owner from Frontier Research having contact number 9428479539, Email ID: frontierresearch.npc@gmail.com. However, appropriate authorities shall be communicated for progress tracking and strengthening the bond between two parties.

(g) Progress Review

The review committee shall be formed to review activities under MoU. It shall comprise of process owners and few more personnel from both the sides based on the need of the project(s) to be reviewed and quarterly progress report of the same shall be submitted.

This MOU is signed under an agreement between CHARUSAT and Frontier Research considering all the above points.

SIGNED IN DUPLICATE

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Dr

This MOU is executed in duplicate with each copy being an official version of the agreement and having equal legal validity.

By SIGNING BELOW, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

On behalf of
CHAROTAR UNIVERSITY OF SCIENCE
AND TECHNOLOGY (CHARUSAT)

By

Dr. Devang Joshi
Registrar

Date:

WITNESSES:

1. Manan
(Manan Ravai)
2. [Signature]

On behalf of
FRONTIER RESEARCH

N. Chotai
03/11/18

Dr. Narendra P. Chotai
Chief Executive Officer (CEO)

Date:

WITNESSES:

1. _____
2. _____



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BR 161308

SL No.: 1308 Date: 31/12/2018

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by: 21021111

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Sub Postmaster

V. Nagar-388

Minal A Patel

MEMORANDUM OF UNDERSTANDING

This memorandum of understanding is made on **1st January, 2019**

between

Mahagujarat Medical Society, college road Nadiad-387001 which is represented by its **Chairman** herein named as party one

And

Ramanbhai Patel College of Pharmacy, a constituent Institute of **Charotar University of Science and Technology, CHARUSAT** Campus, Changa-388421 represented by its **Registrar** herein named as party two

B. T. Desai
Chairman

Mahagujarat Medical Society
Hospital authority [party one]

(Dr. Devang Joshi)
Registrar,


Charotar University of Science &
Technology [party two]

The parties hitherto agree as follows:

1. Party one declares that Sheth H. J. Mahagujarat Hospital is a **125** bedded hospital, with a minimum of **60 beds** for General Medicine Department & D.Z.Patel Cardiology Centre having **75** beds.
2. Party one agrees to provide to party two the minimum space necessary of **1200 square feet** in the hospital building to establish Pharmacy Practice department for the conduct of Pharm.D. programs.
3. Party one agrees to provide preceptors required to train the Pharm.D students.
4. Party one agrees that, it will not enter into similar agreement with any other Pharmacy institution/s or department/s offering or intend to offer Pharm.D programs.
5. The prospective students will be allowed to undergo training in the following specialty departments.
 - Medicine
 - Surgery
 - Pediatrics
 - Gynecology and Obstetrics
 - Orthopedics
6. Party two will provide the academic staff and necessary infrastructure for Pharm. D course as per the PCI norms and takes the overall responsibility for smooth conduct of the programs.
7. This agreement is to be in effect at least for ten years from the time of its endorsement by both the parties.
8. The officials representing Mahagujarat Medical Society and Ramanbhai Patel College of Pharmacy are signing this MOU to achieve the beneficial objectives of Pharm.D programs.


B. T. Desai
Chairman

Mahagujarat Medical Society
Hospital authority [party one]


(Dr. Devang Joshi)
Registrar,

Charotar University of Science &
Technology [party two]

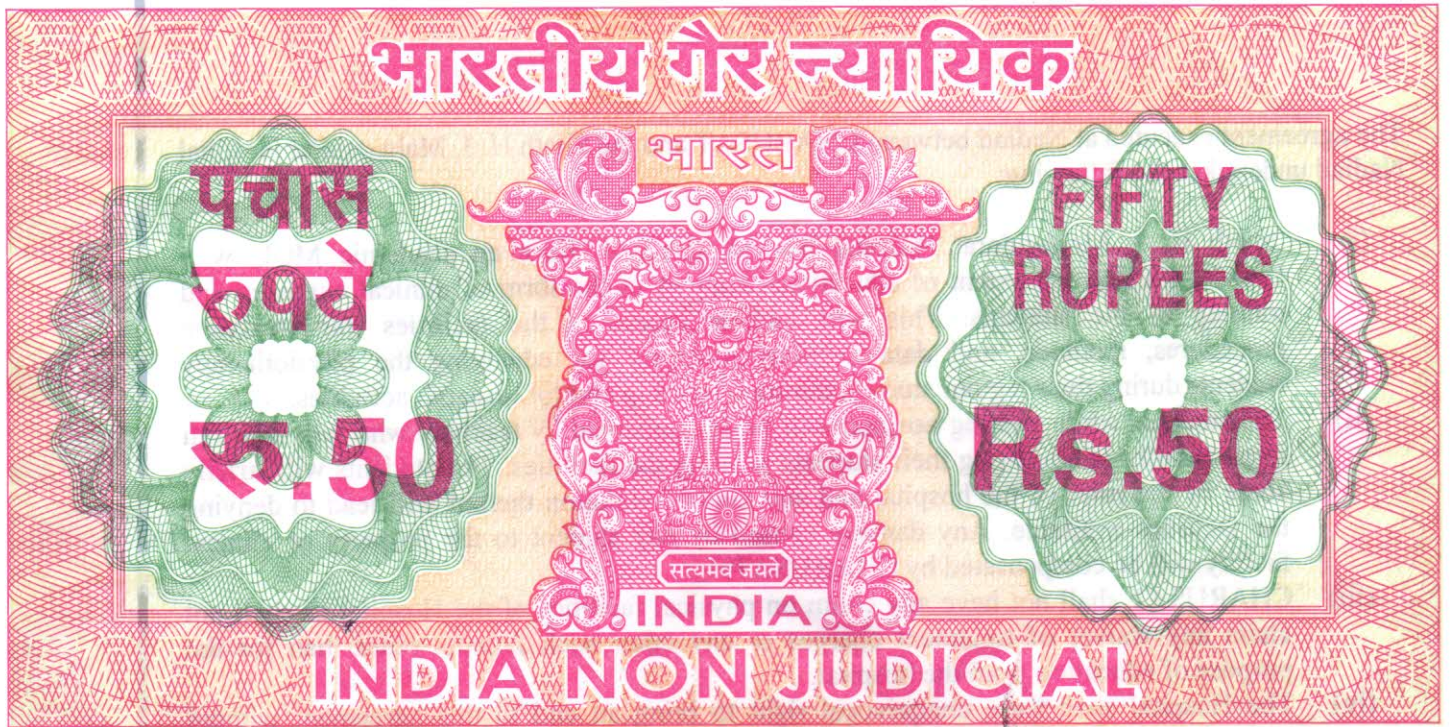
Date: 21/1/2019



Date: 02/01/2019



Faculty of Medical Sciences



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AE 511605

SL No.: 605 Date: 15 MAY 2019
WFIO: CHARUSAT Add.: Changa
for Parth Patel

Postmaster (HSG:1)
Anand HO - 388901

MOU for Physiotherapy- Sheth H.J. Mahagujarat Hospital

Sheth H.J. Mahagujarat Hospital, Nadiad (hereinafter referred to as "The Hospital") is a multispecialty Hospital in the district with an ISO 9001/2000 certification. It is being managed by Mahagujarat Medical Society Nadiad (hereinafter referred to as "Hospital Trust"), a trust dedicated to the service of the people.

Charotar University of Science and Technology (hereinafter referred to as CHARUSAT) is a University established under Gujarat Act No. 8 of 2009; having head quarter at CHARUSAT Campus at Changa. Presently, CHARUSAT runs professional education programmes in Engineering, Pharmacy, Computer Application, Business Management, and Applied Sciences. Now, CHARUSAT has ventured into healthcare education.

It has started Bachelor of Physiotherapy (B.P.T.) Programme from the academic year 2009-10, Doctorate Programme (Ph.D) in 2011-12 and Masters of Physiotherapy Programme in 2013-14. For the training of the students pursuing this programme, CHARUSAT intends to enter into an academic MOU with Sheth H.J. Mahagujarat Hospital, Nadiad

Both the organizations have agreed to have such an academic MOU in the mutual interest and for the welfare of the society.

The agreement executed at Nadiad between CHARUSAT and the Sheth H. J. Mahagujarat Hospital Nadiad undertakes the following:

- (i) Sheth H. J. Mahagujarat Hospital Nadiad agrees to have an academic MOU with CHARUSAT to the extent of educational support in the form of clinical exposure and training to the students. This will include access to the facilities like treatment procedures, methods, and data keeping necessary for educating the physiotherapy students during their regular studies, during internship and for research activities.
- (ii) The students while visiting hospital will be accompanied by teachers who will take full responsibility of educating their students availing the facilities. The students will strictly abide by the rules of the hospital and any kind of violation thereof will lead to denying the facilities available. Any damage caused by any student to the property or clinical facility will be compensated by CHARUSAT.
- (iii) CHARUSAT shall not have any claim on physical facilities of the Hospital or shall not claim any waiver of treatment charges or any other such favours other than for the purpose of education from the hospital.
- (iv) The Hospital shall have unequivocal right to bring an end to this agreement without assigning any reason or without any previous notice and CHARUSAT will not be entitled to any claim by way of compensation and / or damages.
- (v) CHARUSAT shall not make any endeavours to have covetous gain from this agreement. It is specifically understood that this agreement entered by both the parties is only with the sole purpose of "SERVICE TO HUMAN KIND".
- (vi) Students will not be allowed to deal with patients independently.
- (vii) That the Sheth H. J. Mahagujarat Hospital Nadiad has qualified physiotherapy staff as per its requirement. Their guidance shall be available to the trainee students.

This agreement shall remain in force for next five years i.e. **08/01/2019 to 07/01/2024**, of UG, PG & Ph.D programme. It can be further extended by mutual consent if required, either in the present form or any modifications as the need be.

Signature: _____

Name: Devang Joshi
Registrar
CHARUSAT

Signature: _____

Name: _____
CHAIRMAN
MAHAGUJARAT MEDICAL SOCIETY
COLLEGE ROAD, NADIAD - 387001.

Date: **23-05-2019**

Place: Changa



MEMORANDUM OF UNDERSTANDING

Entered between

**Shreeji Imaging Center
Anand, Gujarat
India**

AND

**Charotar University of Science and Technology
(CHARUSAT), Changa, Gujarat
India**

AGREEMENT

This Agreement is executed at Changa on this Tuesday day of January 2016 by and between **Shreeji Imaging Centre, Anand, Gujarat** ; hereinafter referred to as "SIC" which expression shall, unless it be repugnant to the context or meaning thereof, to be deemed to include its successors, executors, administration and assignee, being of the FIRST PART;

AND

Charotar University of Science and Technology (CHARUSAT), Changa, Gujarat, a State Private University formed under Gujarat State Act No.8 of 2009, Government of Gujarat (Hereinafter referred to as "CHARUSAT" which expression shall unless repugnant to context in which it is used, includes its successors and administration) of the SECOND PART.

WHEREAS **Shreeji Imaging Centre** is Private Diagnostic Centre. It is a center for excellence in Diagnostic imaging which include Ultrasonography scan (USG), Magnetic Resonance Imaging (MRI), Computed Tomography scan (CT) and X-ray is equipped with a Computed Radiography System.

AND

WHEREAS **CHARUSAT** stands and promotes education and research in the fields of Engineering, Management, Pharmacy, Applied Sciences, Computer Applications, and Paramedical Sciences: Physiotherapy and Nursing at UG, PG and Doctoral levels and is well known and reputed University conducting physiotherapy education and engaged in research activities.

WHEREAS **CHARUSAT** and **Shreeji Imaging Centre** individually referred to herein as a party and collectively as the parties.

WITNESSETH AS FOLLOWS:

WHEREAS it is highly desirable to develop multi-disciplinary training and research through involvement and integration of diverse but relevant disciplines through synergy and knowledge sharing and ensure dissemination of knowledge to all corners of the country;

Both parties felt that a sustained, synergetic and effective collaboration between them will enhance strength and add value to, the efforts of each party.

AND WHEREAS both parties have agreed to work together and establish academic as well as Practical collaboration with each other to enhance the quality of Imaging Technology based education and training.

NOW, THEREFORE, IN CONSIDERATION OF MUTUAL COVENANTS AND PREMISES CONTAINED HEREIN, THE PARTIES ENTER INTO THIS AGREEMENT AND AGREE THAT:

Both parties shall be creating a collaborative framework for enriching scientific endeavors in mutually agreed fields of education and training with following broad Objectives:

1. BROAD OBJECTIVES:

- 1.1 Develop synergetic collaborations in a resource-sharing and knowledge-sharing environment in areas of Paramedical (Medical Imaging Technology) and related sciences;
- 1.2 Develop academic program, Practical Workshop, Certification Program in Medical Imaging Technology and share expertise in training and other academic activities through joint organization of events, guidance of students by Radiologists and expertise Radio-technologist.

- 1.3 Develop joint research programmes for funding by internal, national and international agencies;
- 1.4 Design and develop outreach activities and programmes for various mutually identified goals of **Shreeji Imaging Centre** and **CHARUSAT**;
- 1.5 Develop collaborations in laboratories and equipment's sharing as well as publications, patents (if any);
- 1.6 To encourage teaching and research in the field of Physical Therapy;
- 1.7 To set educational goals to commit clinicians to lifelong learning in the art and science of Physical Therapy;
- 1.8 To create awareness among physical therapists about the contemporary practice patterns in Physical Therapy;
- 1.9 To apply aspects of evidence in their practice patterns, to justify the effectiveness of intervention;
- 1.10 To devise initiatives in study and treatment of Pediatric dysfunction within the scope of physical therapy;

2. AREAS OF COLLABORATION:

- 2.1 As a part of collaborative activities, the **Shreeji Imaging Centre** and **CHARUSAT** will jointly offer a 3-months training program leading to Certification Program in Medical Imaging Technology (MIT) intended for practicing third year students / interns in MIT. Complete details of the training programme and certification methodology shall be as given in the **Annexure-I**.
- 2.2 The **Shreeji Imaging Centre** will process enrollment and registration and offer its expertise through conducting lectures and skill development sessions by

Radiologists & Experienced Technologists, in Medical Imaging Technology fulfilling the need for completion of this programme including evaluation for certification program.

2.3 Charotar Institute of Paramedical and Science under Faculty of Medical Sciences of CHARUSAT will fulfill the needs of the programme through supervision and award of Certificate.

2.4 Final list of candidates shall be prepared for Practical exposure as well as training programme. Each batch will have maximum of 15 candidates.

3. **MODE OF OPERATION:**

Both parties will provide necessary support for effective implementation of the agreement/ MoU within the institutional rules and procedures.

3.1 This MoU shall be effective from the date it is signed by the two parties.

3.2 Within the broad framework of the MoU, **CHARUSAT** and **Shreeji Imaging Centre** shall develop joint research, academic or scientific programme, Practical training, etc.

3.3 Any financial commitment for joint activities under this MoU shall be subject to the approval by the competent authorities of both parties.

3.4 The activities under this MoU shall be coordinated, monitored and recorded by an Internal Coordination Committee constituting a member nominated by both parties; **each organization will appoint a coordinator** who will organize joint meeting at regular intervals at mutually agreed locations and maintain records of agreements, work plan and progress.

3.5 The students will be bound by the rules and regulations as well as code of conduct of the **Shreeji Imaging Centre**.

3.6 The mode and quantum of resource sharing will be decided based on recommendation of the Coordination Committee on the case to case basis, **subject to approval of competent authority as required.**

3.7 The Coordination Committee will formulate action plans at its meetings and communicate for information and necessary approvals by the concerned authority.

4. LIAISON AND SUPERVISION:

4.1 The HOD of the Charotar Institute of Paramedical and Science, CHARUSAT will be the main liaison in the operation, supervision and follow up of the programme. And his/ her duties will include: Ongoing communication with the **Shreeji Imaging Centre** regarding the said Practical Exposure to the students, training program and Supervision of assessment, skill development and monitoring online discussion.

4.2 Honorary HOD of Medical Imaging Technology designated by Charotar Institute of Paramedical and Science will coordinate with Owner of **Shreeji Imaging Centre**, Anand, for carrying out the above said duties.

4.3 Liaising / supervision / Coordination fees to **Shreeji Imaging Centre** as mentioned in Annexure-II will be paid by Charotar Institute of Paramedical and Science (Medical Imaging Department).

5. OBLIGATIONS OF THE PARTIES

5.1 In accordance with the clause 3.4 as above, each party shall nominate a Coordinator and members to the Coordination Committee within 15 days of signing the MoU.

- 5.2 Each Party shall provide all necessary support at its disposal and as allowed by its institutional/Hospital rules, for implementing this MoU effectively.
- 5.3 **Shreeji Imaging Centre** will train and guide the students enrolled for collaborative training programme/course/practical.
- 5.4 Radiologists and Radio-Technologists, from the **Shreeji Imaging Centre** will serve as lead Trainer in the operation of the Practical's as well as Training Program. In case of inability of any of the above Trainer, the **Shreeji Imaging Centre** will depute suitable alternate Trainers.
- 5.5 A non-refundable fee per candidate and its sharing and collection pattern for the entire Certification program along with break-up of income and expenditure is mentioned in Annexure-II which shall form part of the present agreement. Fees shall be collected by CHARUSAT. Disbursement of fees as per **Annexure-II** shall be undertaken within 15 days of the last date of enrolment. The fees can be revised from time to time after mutually agreed by both parties, No Financial commitment from either party except as per Annexure II shall be assumed unless a formal approval/acceptance to that effect has been accorded through signed documents by both the parties.
- 5.6 Study material to course participants will be provided by **Shreeji Imaging Centre** as mentioned in Annexure-II.
- 5.8 **Shreeji Imaging Centre** will provide all the infrastructural and logistic facilities for the smooth conduction of Practical Training in its Hospital/centre and all expenses will be borne directly by CHARUSAT.

- 5.9 Faculties of **Shreeji Imaging Centre** will be responsible for providing training, education, skill transfer, actively participating in discussion of practical training for the smooth conduction of this practical exposures in its campus and all expenses (if any) related to this will be borne directly by CHARUSAT.
- 5.10 The Certificate will be issued by **Shreeji Imaging Centre**. The transcript will be signed by Director and Senior Radiologist of the Shreeji imaging center.
- 5.11 Faculty from the **Shreeji Imaging Centre** and CHARUSAT will evaluate the candidates for their eligibility to receive the Certificate along with the commencement of successive batch for the programme.
- 5.12 The CHARUSAT shall share knowledge and facilities within the institutional rules:
- (a) Provide access to libraries, archives, research laboratories and other facilities.
 - (b) Provide access to instruments and equipment as mutually agreed.
 - (c) Encourage joint discussions on new information and scientific development.
 - (d) Share knowledge/information and publication/ magazines/literature as may be essential for academic pursuit.

6. DURATION AND TERMINATION

- 6.1 This MoU shall remain in force initially for a period for Three years. However, thereafter, it may be renewed by the consent of both the parties in accordance with the terms and conditions of this agreement unless any of the parties seeks termination in writing.
- 6.2 This MoU may be terminated prior to expiry of the MoU as indicated above with six months' notice and with the written consent of the heads of the two

organizations provided both parties agrees that the instruction and eligibility for Certificate of all enrolled students will be completed.

7. DATA SHARING AND INTELLECTUAL PROPERTY RIGHTS

- 7.1 No rights in Industrial and/or Intellectual Property (Including without limitation, letters, patent, registered design, software copyrights, trademark, and copyright) owned by the parties on the date of signature of this MoU and independently developed on their part are hereby granted by the owning Party to the other party, nor shall any such rights be deemed to be granted except specified by owning party. Each party will have the exclusive ownership and rights on the independently developed intellectual property after signing of MoU.
- 7.2 The Intellectual Property Rights in respect of joint project will be decided on case-to-case basis. Parties will mutually decide on sharing of required information by way of joint publication in journals and seminars or workshops etc. All publications resulting from the collaboration between the parties will be mentioned in the scientific reports of the either Party.
- 7.3 Sharing of any data generated (either observational or computational) under the aegis of this MoU shall be as per the provision of the specific project/ programme.
- 7.4 Each Party shall duly acknowledge the contribution/involvement of other party in each activity in its bulletins/publications/media release/ outreach and any other official communication.
- 7.5 Every member of both Parties in any activity under the aegis of this MoU shall abide by the prevailing policies of Government of India with respect to classified information/data. During the tenure of this MoU and for Three years thereafter, Parties undertakes on their behalf and on behalf of their employees

or representatives or associates to maintain strict confidentiality and prevent disclosure thereof to any third party, all the information and data exchanged or generated during the operation of MoU.

8. GENERAL PROVISION

- 8.1 Neither Party shall assign, or in any manner, transfer its interest or any part thereof in this MoU, except to wholly owned subsidiaries and agreed explicitly to that effect in writing. This MoU shall be binding on and inure to the benefit of the Parties hereto and their respective heirs, personal representatives, successors and assignees; and,
- 8.2 This MoU constitutes the entire understanding between the Parties relating to the subject matter hereof and supersedes and cancels all previous or collateral MoUs, negotiations, commitments, representations or understandings between the Parties with respect to this MoU, and the subject matter hereof. If any of the provisions of this MoU are determined to be invalid under applicable law, they are, to that extent, deemed omitted. The invalidity of any portion of this MoU shall not render any other portion invalid; and,
- 8.3 No amendments or modifications of this MoU shall be valid unless they are made in writing by both the Parties or their authorized representative and specifically stating the same to be an amendment of this MoU. The modifications/changes shall be effective from the date on which they are made or executed unless otherwise agreed to.
- 8.4 This MoU is not intended to constitute, create, give effect to, or otherwise recognize a joint venture, partnership, or formal business organization, of any kind, and the rights and obligations of the Parties shall be only those expressly set forth herein. Nothing in this MoU shall be construed to grant either Party the right to make commitments of any kind for or on behalf of the other

without the other's prior written consent. At all times contemplated herein, and both shall remain independent entities, each responsible for its own employees. Each party assumes no responsibility to the other for costs, expenses, risks, and arising from the efforts of the party.

9. **FORCE MAJEURE**

Neither **Party** shall be held responsible for non-fulfillment of their respective obligations under the **MoU** duration to the exigency of one or more of the Force Majeure events such as, but not limited to, the acts of God, War, Flood, Earthquake, Strikes, Lockouts, Epidemic, Riots, Civil commotions etc., provided on the occurrence and cessation of any such event the **Party** affected thereby shall give a notice in writing to the other **Party** within 30 (Thirty) days of such occurrence or cessation. If the Force Majeure conditions continue beyond 6 (six) months, the Parties shall jointly decide about the future course of action.

10. **GOVERNING LAWS AND DISPUTES RESOLUTION**

10.1 This **MoU** shall, in all respects, be governed by and construed in all respects in accordance with the laws of the Republic of India.

10.2 This **MoU** is to create a framework for enriching scientific endeavors in mutually agreed fields of research through collaboration in developing and implementing new academic and research programmes and faculty and students exchange. Hence any question, doubt or dispute arising out of the interpretation of any term or usage herein or on the implementation and functioning of the various understanding forming a part of this **MoU** shall be resolved by the Heads of the two organizations or their authorized representatives for the purpose mentioned herein by discussions and

negotiations base on consensus in the spirit of developing and strengthening the mutual relationships.

- 10.3 Any unresolved dispute if any, shall be referred to Sole Arbitrator in accordance with Arbitration and Conciliation Act, 1996 and rules framed thereof. Arbitrator shall be appointed on mutual consent of Parties. Arbitration shall be conducted at its applicable jurisdiction in English language; the decision of arbitrator so reached shall be final and binding on both the parties.

11. SEAL OF THE PARTIES

In within whereof, the PARTIES represented by their authorized representatives, set forth their hand on this the day, month and year first states above agreed and accepted this MoU to be signed in the presence of the following witnesses:

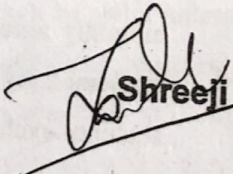
IN WITNESS WHEREOF, each of the parties has caused this agreement to be executed by its duly authorized authorities as of date written above.

Witness 1

For and on behalf of **Shreeji Imaging Centre**

Name: Mr. Harin S

Address: Anand

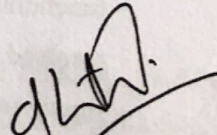

Shreeji Imaging Centre
Partner

Seal

Witness 2

Name: Mrs. Dolly Sharma

Address: 1/RS, Charusat
University



For and on behalf of CHARUSAT

PRINCIPAL
CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCES
CHARUSAT CAMPUS, CHANGA
AT. CHANGA - 388 421
TA. PETLAD, DIST. ANAND (GUJARAT)

ANNEXURE - I

1. Course Modules

Learning Objectives of the Course:

1. Understand key assessment areas and assessment methods.
2. Knowing how to handle the patient & positioning and scanning of patient in different modalities.

A. Practical exposure on:

Sr. No.	Title of the Unit
1.	MAGNETIC RESONANCE IMAGING
2	ULTRASONOGRAPHY
3.	COMPUTED TOMOGRAPHY
4.	X-RAY INCLUDING PROCEDURES

ANNEXURE - II

Expenses / Fees	Participants Fees (Per Student)
	Fees at Shreeji Imaging Centre Anand/ Borsad
Teaching & Clinical Training Expenses	1500rs per student
Total students	32
Total months	02 (February and March)
Total expenses	Rs 96, 000