



Memorandum of Understanding

Between

Shri Guru Ram Rai University, Dehradun

And

CSIR-Indian Institute of Petroleum, Dehradun

MEMORANDUM OF UNDERSTANDING (MoU)

This MoU is made on 5th April 2024 between Council of Scientific and Industrial Research, through its constituent CSIR-Indian Institute of Petroleum, located at Haridwar Road, Dehradun – 248005, Uttarakhand (hereinafter called CSIR-IIP, which expression shall include its successors and assignees) on the first part

AND


Shri Guru Ram Rai University, Patel Nagar, Dehradun-248001, Uttarakhand, a University established under Shri Guru Ram Rai University Act No 03 under 2017, enacted by the state of Uttarakhand, India, having its campus at Patel Nagar, Dehradun, Uttarakhand. 248001, India, through its Registrar, **Dr Ajay Khanduri** (hereinafter called as "SGRRU". which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its successors and assigns), of the other part.

Collectively hereinafter referred to as "Institutions".

PREAMBLE

WHEREAS, **CSIR-Indian Institute of Petroleum**, (CSIR-IIP) Dehradun, a constituent laboratory of Council of Scientific & Industrial Research, is engaged in research, design and development and consultancy in the field of Chemical Engineering including Petroleum, Petrochemicals, Natural Gas, Mechanical Engineering including Automotive Engineering, Application of Fuel and Lubricants, Fuel Quality, Engine Emission, Alternative Fuels, Engine Testing and related fields.

WHEREAS, **Shri Guru Ram Rai University** (Estd. by Govt. of Uttarakhand, vide Shri Guru Ram Rai University Act No. 03 of 2017 Act No. 03 of July 2017) with its 11 different schools and 69 years of educational experience is imparting education in various fields viz. Basic and Applied Sciences, Agricultural Sciences, Medical Sciences, Management, Pharmaceutical Sciences, Yogic Sciences and Computer Sciences. Shri Guru Ram Rai University aims at providing exceptional value to students by guiding them to achieve their aspirations through personalized and industry relevant learning opportunities. The university envisages advancing the intellectual and social conditions of the people through creation, translation and dissemination of knowledge. The university believes that collaboration can enhance the quality of research and teaching through an exposure to a new perspective and experience of research and teaching.



WHEREAS, both CSIR-IIP and SGRRU, now

Recognizing the importance of research and development in the areas of Biorefinery, Biofuels, Clean and green energy systems, Reactor modeling and simulation, Industrial Biotechnology, Process Engineering in Biotechnology, Membrane technology, Bioreactors, Industry 4.0, Autotronics, Drone, Machine Learning, Image Processing, Artificial Intelligence, Internet of Things (IoT), Communication Systems, Power System.

Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to Biorefinery, Biofuels, Clean and green energy systems, Reactor modeling and simulation, Industrial Biotechnology, Process Engineering in Biotechnology, Membrane technology, Bioreactors, Materials engineering, Quantum Electronics, VLSI, Robotics & Automation, Electric Vehicle Technology and Charging Infrastructure, Industry 4.0, Autotronics, Drone, Machine Learning, Image Processing, Artificial Intelligence, Internet of Things (IoT), Communication Systems, Power System and related fields and desiring to club their efforts by pooling their expertise and resources.

INTEND to form a nucleus for promoting excellent quality manpower in aforementioned fields. NOW, THEREFORE, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both hereby acknowledge, CSIR-IIP and SGRRU hereby agree to sign a memorandum of understanding (MoU).

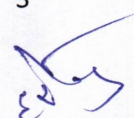
ARTICLE-I: SCOPE OF THE MoU

This MOU details the modalities and general conditions regarding collaboration between CSIR-IIP and SGRRU for enhancing, within the country, the availability of highly qualified manpower in chemical sciences including hydrocarbons, material science, organic synthesis, catalysis and other related fields without any prejudice to prevailing rules and regulations in CSIR-IIP and SGRRU and 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 CSIR-IIP and SGRRU. The areas of cooperation can be extended through mutual consent.

ARTICLE-II: SCOPE OF ACADEMIC INTERACTION

Both CSIR-IIP and SGRRU shall encourage interaction between the scientists, research fellows, research scholars, faculty members and students of both the organizations through the following arrangements:

- a) Exchange of personnel through limited periods as mutually agreed upon;
- b) Organization of joint conferences and seminars;
- c) Student project work/dissertation Exchange of students will be considered to carry out summer/project/dissertation/skill training at CSIR-IIP. CSIR-IIP will charge Rs 2500/ per month as internship fee.



d) Joint guidance of student projects in various areas such as Biorefinery, Biofuels, Clean and green energy systems, Reactor modeling and simulation, Industrial Biotechnology, Process Engineering in Biotechnology, Membrane technology, Industry 4.0, Autotronics, Drone, Machine Learning, Image Processing, Artificial Intelligence, Internet of Things (IoT), Communication Systems, Power System, Analysis of Petroleum and it's allied products and other areas of mutual interest on mutually agreeable terms as listed below:

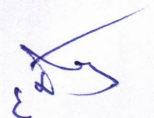
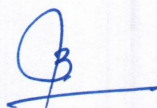
- i) *The students will be allotted a research supervisor from SGRRU faculty. A research scientist at SGRRU may be appointed a co-research guide for a student registered in accordance with academic regulations formulated by the University*
- ii) *The students will carry out their research work/ project at SGRRU and/or CSIR-IIP depending on facilities and requirements.*
- iii) *Both SGRRU and CSIR-IIP will be free to independently carry out follow-up research on the project work conducted under this scheme.*
- iv) *If the outcome of a project related to product development, Process, technology and design etc. which involves matter of secrecy and concern with security of the State and Country the same will not be allowed for publication/printing in any form such as Electronically/ verbal etc. If the outcome of a project results into an intellectual property, for which rights can be secured, it will be decided on case to case basis. Similarly, sharing of expenditure in securing such rights and income accrued through royalty, etc. by the parties under the law will be decided on case to case basis after mutual consultation.*

e) Students/faculty dissertation and training program

f) Mutually identified skill program Skill training programs for students

ARTICLE-III: SHARING OF FACILITIES

- a) CSIR-IIP and SGRRU shall make provisions to share their respective important R&D facilities/Lab facilities in order to promote academic and research interaction in the areas of cooperation. The faculty and research scholars/project fellows of both the organizations may be allowed to avail the analytical research facilities as per the rates applicable to the academic partner/ institutions.
- b) CSIR-IIP and SGRRU shall provide access to the library facilities to scientists, members of faculty and students as per the prevailing rules and norms in the respective institutes.



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

- a) The collaborative programme between CSIR-IIP and SGRRU, shall be coordinated by a coordination committee appointed by Directors/ Registrar of both the Institutes.
- 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 heads of both the Institutions.

ARTICLE-V: 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 5 years from the effective date.
- c) During its tenancy, the MoU may be extended or terminated by a prior notice of not less than six months by either party. However, termination of the MoU will not in any manner affect the interests of the students/research scholars/project fellows who have been admitted to pursue a program under the MoU.
- d) Any clause or article of the MoU may be modified or amended by mutual agreement of CSIR-IIP and SGRRU

ARTICLE-VI: IPR

Rights regarding publications, patents, royalty, ownership of software/design/product developed etc. under the scope of this MoU, shall be decided by the two parties by mutual consent.

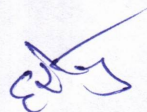
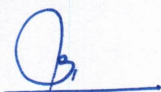
ARTICLE-VII: CONFIDENTIALITY

During the tenure of the MoU and 5 years thereafter both CSIR-IIP and SGRRU will maintain strict confidentiality and prevent disclosure of all the information and data exchanged under the scope of this MoU for any purpose other than in accordance with this MoU.

Both CSIR-IIP and SGRRU shall bind their respective personnel who come into possession or knowledge of any confidential information not to disclose the same to third parties without written approval of the disclosing party or use such confidential information for any use other than intended under this MoU.

Further both CSIR-IIP and SGRRU, shall put in place adequate and reasonable measures to keep and store confidential information secure so as to prevent any unauthorized use.

CONFIDENTIAL INFORMATION shall mean any proprietary information, data or facts belonging to PARTIES collectively or severally, disclosed by the disclosing part) under this agreement or any subsequent agreement, whether in writing, verbal or electronically, irrespective of the



medium in which such information is stored, which is marked confidential or with any other words having similar meaning by the disclosing party, or specifically agreed to be kept confidential by the parties, or declared or identified so by the disclosing party before such disclosure or during the discussions. However confidential information shall not include any data or information which:

- (a) Is or becomes publicly available through no fault of the receiving party,
- (b) is already in the rightful possession of the receiving party prior to its receipt of such data or information;
- (c) Is independently developed by the receiving party without reference to the confidential information of the disclosing party
- (d) Is rightfully obtained by the receiving party from a third party or is in the-public domain
- (e) Is disclosed with the written consent of the party whose information it is, or
- (f) Is disclosed pursuant to court order or other legal compulsion, after providing prior notice to the disclosing party.

ARTICLE-VIII: AMENDMENTS

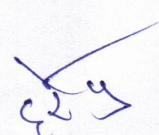
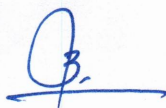
Any amendment and/or addenda to the MoU shall be in writing and signed by the Institutions. hereto and shall only after such execution be deemed to form part of the MoU and have the effect of modifying the MoU to the extent required by such amendment or addenda

ARTICLE-IX:-GOVERNING LAW AND DISPUTE RESOLUTION:

- a) The validity and interpretation of this MoU and the legal relation of the Institutions to it shall be governed by the laws of India.
- b) Any dispute or difference arising out of or in connection with this MoU shall be settled by the Parties hereto by mutual negotiation involving the leadership of both the Institutes.

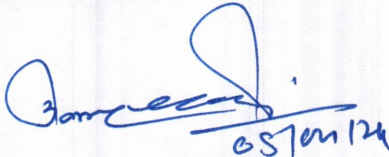

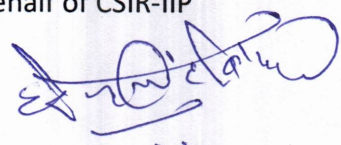

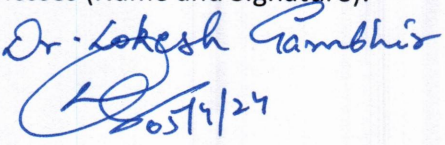
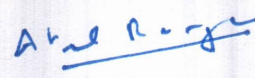
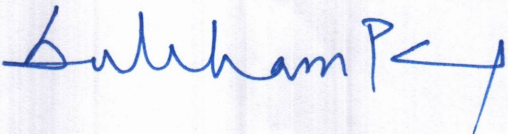
ARTICLE-X: MISCELLANEOUS

- a) The headings and sub-headings are inserted for convenience only and shall not affect the construction of this MoU.
- b) Both IIP and SGRRU shall not, during the term of this MoU directly or indirectly, solicit or offer employment or engagement to any of the personnel of other party without the prior consent in writing of that other party.



- c) No failure to exercise and no delay in exercising, on the part of a Party, and right, remedy, power or privilege hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any right, remedy, power or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, remedy, power or privilege. The rights, remedies, power and privileges herein provided are cumulative and not exclusive of any right, remedies, powers and privileges provided by law.
- d) After this Agreement has been signed, all preceding understandings/negotiations and correspondence pertaining to it shall become null and void.

IN WITNESS WHEREOF PARTIES HERE TO HAVE ENTERED INTO THIS AGREEMENT EFFECTIVE AS ON THE DATE AND YEAR FIRST WRITTEN ABOVE

<p>For and On-behalf of SGRRU</p> <p>Signature:  05/01/24</p> <p>Seal with Name and Designation: </p> <p>Registrar, Shri Guru Ram Rai University</p>	<p>For and On-behalf of CSIR-IIP</p> <p>Signature: </p> <p>Seal with Name and Designation: </p> <p>Director, CSIR-IIP</p>
<p>Witnesses (Name and Signature):</p> <p>1.  05/01/24</p> <p>2.</p>	<p>Witnesses (Name and Signature):</p> <p>1. </p> <p>2. </p>