

Metric No. 3.5.2

Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years



Laxminarayan Institute of Technology, Nagpur
Self-Study Report



Laxminarayan Institute of Technology

Rashtrasant Tukadoji Maharaj Nagpur University

Amravati Road, Nagpur – 440 033

www.litnagpur.in



Professor (Dr.) Raju B. Mankar
M. Tech, Ph. D., Fellow DAAD Germany
Director

List of MoUs Signed by Institute

Sr. No	Name of the institution/ industry/ corporate house	Year of signing MoU	Duration
1	CCF TATR, Chandrapur	2020-21	5 Years
2	Uday Creations (P) Ltd., Nagpur	2019-20	3 years
3	NCSR Chemicals Private Ltd. Nagpur	2019-20	5 Years
4	NCS Green Earth Private Ltd, Nagpur	2019-20	5 Years
5	Chemprosol Biotech, Nagpur	2019-20	5 Years
6	Vimal Paints Pvt. Ltd. Nagpur	2019-20	5 Years
7	Clean Aquato Engineering Environmental Consultant, Pune	2019-20	5 Years
8	Vanita Foods Private Ltd., Nagpur	2019-20	5 Years
9	Maharashtra Center For Entrepreneurship Development (MCED), Aurangabad	2019-20	5 Years

Dr. R. B. Mankar
Director, LIT, Nagpur

Director
Laxminarayan Institute of Technology
Rashtrasant Tukadoji Maharaj Nagpur University

Mobile: 9422095110

director@litnagpur.in

WhatsApp: 8788713619





महाराष्ट्र MAHARASHTRA

2020

NAGPUR TREASURY
XB 502319
23 OCT 2020
Stamp Head Clerk / Secy

Memorandum of Understanding

This Agreement is entered into between.

CCF TATR as first Party (here in after referred to as the "Party No. 1" for the sake of brevity)

And

Laxminarayan Institute of Technology, RTM Nagpur University, Opp. Bharat Nagar, Amravati Road, Nagpur - 440010, through its Project Chairman Dr. R B Mankar and Project Co-ordinators, Prof. Amit J. Agrawal and Dr. Vijay Y. Karadbhajne (here in after referred to as "Party No. 2" for the sake of brevity)

NO/L.I.1 32A
DATE :- 27/10/2020

महाराष्ट्र प्रातःपत्राभ्यास (अनुच्छेद ४)

प्रातःपत्र कोषाधिकारी का नाम राजेश

प्रातःपत्राभ्यास का नाम सुरेश

मुद्रांक विक्रय का नाम विजय रीजिस्टर १२५११०१७

गतिवारी का नाम राजेश

मुद्रांक विक्रय का नाम ३३२७ २७/१०/२०००

मुद्रांक विक्रय का नाम १२ १०००

मुद्रांक विक्रय का नाम आर. रामटेके

मुद्रांक विक्रय का नाम मुद्रांक विक्रय का नाम १०/२०११ का नाम १००१००१

मुद्रांक विक्रय का नाम मुद्रांक विक्रय का नाम (मुद्रांक)

INTRODUCTION

The Bamboo is Multi use forest products which is called as the green gold. It has special place in the life of poor and in rural businesses. It is easily becoming available and affordable forest produce meeting with the industrial uses in many sectors. Activated carbon from Bamboo is one of them. It has a capacity to create livelihood in rural as well as in urban areas. Taking this into consideration, the Government established a board called as Maharashtra Bamboo Development Board.

Purpose of the Agreement

The party no 1, is aimed to give encouragement for remarkable growth in the quality and production of Bamboo produced in the state, and also to impart the training to the desirous people for production of value added products of Bamboo. As a measure for achieving the foregoing aim, it was felt that the said objective can be achieved more effectively and with an accurate punctuality by authorizing an agency or enthusiastic researcher to manufacture carbon from Bamboo and its waste and/or impart training to the interested unemployed for skill development. This way Bamboo carbon can be sold to industries at large and can be supplied to retailers and other interested sellers as per their requirements through the machinery established under this MOU. The party no 2, is willing to act for the above said purpose

Further it is agreed by and between the parties as under

1. The party no 2 shall be the technical consultant for fabrication and installation of Bamboo carbonization furnace and other machineries through an appropriate fabricator as per the prevailing rules and regulations of the party No.1. The cost of fabrication and installation of the furnace and the machineries shall be borne by the party no.1.
2. The party no 2 is permitted to establish all the facilities and prerequisites required for the installation of the carbonization furnace at the selected site. The expenses shall be borne by the party no.1 as per their prevailing rules and regulations. However, party no 2 shall take permission in advance for the facilities development at the site and maintain its proper record. The record shall be submitted as and when required without fail.
3. The produced carbon and other carbon products shall be the property of party no 1
4. The party no 1, shall provide onsite, raw material i.e. bamboo during the initial runs of carbonization. The cost of collection and transportation to the carbonization site shall be borne by party no. 1.
5. Party no.2 shall not be entitled for any profit from the sale of this carbon in the market.
6. The party no 2 shall make efforts to increase the quality of carbon produced from the furnace and the operating skills among the trainees working on the furnace.
7. The party no 2 shall not supply any material to any offline or online selling portals (e.g. Amazon etc.) without previous consent of party no 1.
8. The party no 1 will also provide with the machines and consumables required for the purpose of manufacturing of bamboo carbon products.
9. The said machinery and the required consumables of the said machineries shall also be the property of party no 1

10. The premises provided by the party no 1 for furnace installation, shall not be used for the residential purposes of any person hired or employed by the party no 2.

11. The party no 1 shall take care of arranging all the facilities (like travel to the site, lodging and boarding, etc.) for the project co-ordinators of party no. 2 during the tenure of the MOU.

12. The party no 2, shall not use the party no. 1's good will in any manner for promoting his own business other than this.

The dispute resolution

If any dispute arises between party No.1 & party No 2 the dispute will be referred to Executive Committee of Maharashtra Bamboo Development Board and its decision will be final and binding on both the parties.

The period of agreement/MOU

- This agreement shall be in force for a period of 3 months from the date of its execution. However this agreement can be extended after mutual consent

The above memorandum of understanding is signed hereunto by the parties below mentioned in presence of the witness, and hereby adopted the same in the noble interest and cause as set out hence forth, on this day of October 2020 at Nagpur

CCF

TAFTR

(FIRST PARTY)

Jitendra S. Ramyekar

**Conservator of Forest &
Field Director
Tadoba-Andhar Tiger Reserve
Chandrapur**



LAXMINARAYAN INSTITUTE OF TECHNOLOGY, RTM NAGPUR UNIVERSITY

Through its Project Chairman Dr. R B Mankar and Project Co-ordinators, Prof. Amit J. Agrawal & Dr. Vijay Y. Karadbhajne

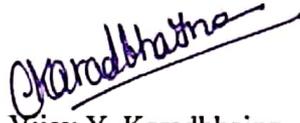
(SECOND PARTY)



Dr. R B Mankar
Director, LIT

Director

Laxminarayan Institute of Technology
Rashtrasant Tukadoji Maharaj Nagpur University

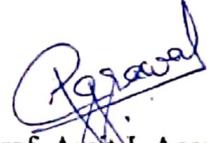


Dr. Vijay Y. Karadbhajne

HOD, Oil Technology

Dr. V. Y. Karadbhajne

Asst. Prof. & Head
Dept. of Oil Tech.
L.I.T., R T M N U, Nagpu



Prof. Amit J. Agrawal

Asst. Prof. Department
of Petrochemical Tech.
Assistant Professor.

Laxminarayan Institute of Technology
R.T.M. Nagpur University, Nagpur

Witness

1) 
(C.P. G. Shende)

2) 
V.M. Gaware



MEMORANDUM OF UNDERSTANDING

BETWEEN

Laxminarayan Institute of Technology, Nagpur

AND

Uday Creations (P) Ltd., Nagpur



PREAMBLE

Whereas, Laxminarayan Institute of Technology, Nagpur (LIT) at its Chemical Engineering and various Chemical Technology (which includes, Food, Oil, Surface Coating, Pulp and Paper, Plastic and Polymer and Petrochemical Technology) departments is charged with responsibility of training technical and scientific manpower in various front-line areas of importance for the Nation and is also contributing to the rapidly growing scientific and technological knowledge and professional excellence in Science & Technology by undertaking industrial & applied research and consultancy.

WHEREAS, Uday Creations (P) Ltd., Nagpur is engaged in manufacturing of Fibre Reinforced Plastics (FRP) products, research, design and development and consultancy in the field of Plastics Composites and related fields.

WHEREAS, both LIT, Nagpur and Uday Creations (P) Ltd., Nagpur, now

- Recognizing the importance of research and development in the areas Plastics & Polymer Technology, as well as imparting industrial training to the engineering/technology/sciences students, etc.
- Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to polymer and its composites
- Desiring to club their efforts by pooling their expertise and resources,

INTEND to form a nucleus for promoting excellent quality manpower in the fields of engineering and technology and with special emphasis on areas of mutual interest and related fields etc.

NOW, THEREFORE, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both LIT, NAGPUR and Uday Creations (P) Ltd., Nagpur hereby acknowledge, LIT, NAGPUR and Uday Creations (P) Ltd., Nagpur 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 LIT, NAGPUR and Uday Creations (P) Ltd., Nagpur for enhancing, within the country, the availability of highly qualified manpower in the areas of Chemical Engineering and Chemical Technology without any prejudice to prevailing rules and regulations in LIT, NAGPUR and Uday Creations (P) Ltd., Nagpur 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 LIT, NAGPUR and Uday Creations (P) Ltd., Nagpur. The areas of cooperation can be extended through mutual consent.



ARTICLE-II: SCOPE AND TERMS OF INTERACTIONS

Both LIT, NAGPUR and Uday Creations (P) Ltd., Nagpur shall encourage interactions between the Engineers, Scientists, Research fellows, faculty members and students of both the organizations through few of the following arrangements:

- a) Exchange of personnel to deliver Guest Lectures as per the rules of the respective institute, for limited periods as mutually agreed upon;
- b) Organization of joint conferences and seminars;
- c) Industrial training of LIT, NAGPUR students at Uday Creations (P) Ltd., Nagpur ;
- d) Joint guidance of student projects/thesis in Plastics & Polymer Technology and other areas of national interest at LIT, NAGPUR by Uday Creations (P) Ltd., Nagpur on mutually agreeable terms.
- e) Uday Creations (P) Ltd., Nagpur would accommodate B.Tech. students who have completed the 6th semester of their programme in such a number that Uday Creations (P) Ltd., Nagpur deems convenient to it for the purpose of imparting industrial training.
- f) Uday Creations (P) Ltd., Nagpur may depute its personnel as visiting faculty at LIT, NAGPUR to teach any of the regular Course or specialized topics as Guest Faculty.
- g) Uday Creations (P) Ltd., Nagpur personnel, as well as research scholars, may also be allowed to enroll for their Ph.D./M.Tech. (Research) at LIT, NAGPUR, subject to availability of seats, research facilities and subject to their fulfilling eligibility criteria and all other academic regulations of LIT, NAGPUR. Further, Uday Creations (P) Ltd., Nagpur may request to design and teach a Course or Courses which it deems fit to enhance quality and performance of its employees. Such Courses may be run at any mutually convenient premises.
- h) Uday Creations (P) Ltd., Nagpur may seek collaboration of LIT, NAGPUR faculty member/s in product/process modification, modernization, trouble shooting, etc.
- i) Would allow the industrial visits of students for half/full day to provide them with an exposure to various equipment, instrument, etc.
- j) Uday Creations (P) Ltd., Nagpur may showcase its business activities at the seminar/workshop/conference, etc. at LIT, NAGPUR.
- k) Uday Creations (P) Ltd., Nagpur may avail library, Internet, computational facilities at LIT, NAGPUR.
- l) Post-graduate student will be allotted a Research supervisor from LIT, NAGPUR faculty members. A Research Scientist/Engineer at Uday Creations (P) Ltd., Nagpur may be appointed a Co- research guide as per the rules of the respective institute for a student Registered for Ph.D/ M.Tech (Regular or Research) degree at LIT, NAGPUR. The student may be encouraged to take up the project such that Uday Creations (P) Ltd., Nagpur desirably benefits from its outcomes.
- m) The students will carry out part of their Ph.D. research work or M.Tech./B.Tech. project at LIT, NAGPUR and Uday Creations (P) Ltd., Nagpur depending on the nature of the work as per rules of the respective institute depending on facilities and requirements.
- n) There will be no restriction on the contents of the thesis and on publication of results of the thesis, subject to the condition that no Intellectual Property Rights can be secured for any part of the work which will be decided with mutual consent.
- o) Both LIT, NAGPUR and Uday Creations (P) Ltd., Nagpur will be free to



independently carry out follow-up research on the thesis work conducted under this scheme.

- p) 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 the 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.
- q) Research supervisors from both the Institute and Industry will be the corresponding authors in any publication resulting from the collaborative work. All the efforts put by the student/s as a part of this MoU will be accounted for by way of reporting the work in thesis and/or paper publication except the part for which IPR needs be claimed.
- r) Neither of the supervisors will publish the work carried out under this MoU without knowledge of the other.
- s) 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.

ARTICLE-III : SHARING OF FACILITIES

- a) LIT, NAGPUR and Uday Creations (P) Ltd., Nagpur shall make provisions to share their respective important R&D facilities in order to promote academic and research interaction in the areas of cooperation.
- b) LIT, NAGPUR and Uday Creations (P) Ltd., Nagpur shall permit the sharing software and other materials and components developed in-house in the areas of cooperation, if permissible within the rules governing the two institutions. However, responsibility for safety of software and other materials during the exchange will rest on respective Head of academic department/section.
- c) LIT, NAGPUR and Uday Creations (P) Ltd., Nagpur 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 LIT, NAGPUR and Uday Creations (P) Ltd., Nagpur shall be coordinated by a coordination committee appointed by Directors 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/faculty/scientists 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 Uday Creations (P) Ltd., Nagpur and LIT, NAGPUR.

ARTICLE-VI : INTELLECTUAL PROPERTY RIGHTS (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 both LIT, NAGPUR and Uday Creations (P) Ltd., Nagpur 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 LIT, NAGPUR and Uday Creations (P) Ltd., Nagpur 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 agreement or PROJECTS.

Further both LIT, NAGPUR and Uday Creations (P) Ltd., Nagpur 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 party 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 AGREEMENT shall be in writing and signed by the 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.

ARTICLE-IX : RESOLUTION OF DISPUTES

- a) This agreement shall take effect and be construed in accordance with the Laws of India and be subject to the jurisdiction of the courts at NAGPUR and or at the location of Uday Creations (P) Ltd., Nagpur .
- b) The dispute or difference whatsoever arises between PARTIES in relation to or in connection with this AGREEMENT both the parties shall first try to resolve the dispute/difference amicably between themselves, failing which the matter shall be referred to and settled through arbitration Adv. A.M. Qazi, Magalwari Complex Bajaj Wing, Nagpur will act as arbitrator and his decision will be final and applicable to both LIT and Uday Creations Pvt Ltd. The arbitration proceedings shall be held in accordance with the provision of Indian Arbitration and Reconciliation ACT, 1996. The venue of arbitration shall be Nagpur and Language of arbitration shall be English.

ARTICLE-X: MISCELLANEOUS

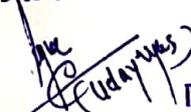
- a) The headings and sub-headings are inserted for convenience only and shall not affect the construction of this Agreement.
- b) Both LIT, NAGPUR and Uday Creations (P) Ltd., Nagpur shall not, during the term of this Agreement directly or indirectly, solicit or offer employment or engagement to any 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, power, 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.

For UDAY CREATIONS PVT. LTD.


DIRECTOR
Authorized Signatory
Uday Creations (P) Ltd., Nagpur


Director
Laxminarayan Institute of Technology,
Nagpur

Witness

1 ANANT W. KHARVE 
2 Sanjay Pagade 

Date 16/10/2019

Witness

1 
Jayant B. Modak
2 
MAYUR. M. YENKIE

Date



MEMORANDUM OF UNDERSTANDING

BETWEEN

Laxminarayan Institute of Technology, Nagpur

AND

NCSR CHEMICALS PVT LTD

PREAMBLE

Whereas, Laxminarayan Institute of Technology, Nagpur (LIT) at its Chemical Engineering and various Chemical Technology (which includes, Food, Oil, Surface Coating, Pulp and Paper, Plastic and Polymer and Petrochemical Technology) departments is charged with responsibility of training technical and scientific manpower in various front-line areas of importance for the Nation and is also contributing to the rapidly growing scientific and technological knowledge and professional excellence in Science & Technology by undertaking industrial & applied research and consultancy.

WHEREAS, NCSR CHEMICALS PVT LTD is engaged in manufacturing of Silica Powder, research, design and development and consultancy in the field of Zeolites and related fields.

WHEREAS, both LIT, Nagpur and NCSR CHEMICALS PVT LTD now

- Recognizing the importance of research and development in the areas of Alumino-Silicates, Zeolites and silica as well as imparting industrial training to the engineering/technology/sciences students, etc.
- Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to
- Desiring to club their efforts by pooling their expertise and resources,

INTEND to form a nucleus for promoting excellent quality manpower in the fields of engineering and technology and with special emphasis on areas of mutual interest and related fields etc.

NOW, THEREFORE, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both LIT, NAGPUR and NCSR CHEMICALS PVT LTD hereby acknowledge, LIT, NAGPUR and NCSR CHEMICALS PVT LTD 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 LIT, NAGPUR and NCSR CHEMICALS PVT LTD for enhancing, within the country, the availability of highly qualified manpower in the areas of Chemical Engineering and Chemical Technology without any prejudice to prevailing rules and regulations in LIT, NAGPUR and NCSR CHEMICALS PVT LTD 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 LIT, NAGPUR and NCSR CHEMICALS PVT LTD. The areas of cooperation can be extended through mutual consent.

ARTICLE-II: SCOPE AND TERMS OF INTERACTIONS

Both LIT, NAGPUR and NCSR CHEMICALS PVT LTD shall encourage interactions between the Engineers, Scientists, Research fellows, faculty members and students of both the organizations through few of the following arrangements:

- a) Exchange of personnel to deliver Guest Lectures as per the rules of the respective institute, for limited periods as mutually agreed upon;
- b) Organization of joint conferences and seminars;
- c) Industrial training of LIT, NAGPUR students at NCSR CHEMICALS PVT LTD;
- d) Joint guidance of student projects/thesis in TO BE INTRODUCED HERE and other areas of national interest at LIT, NAGPUR by NCSR CHEMICALS PVT LTD on mutually agreeable terms.
- e) NCSR CHEMICALS PVT LTD would accommodate B. Tech. students who have completed the 6th semester of their programme in such a number that NCSR CHEMICALS PVT LTD deems convenient to it for the purpose of imparting industrial training.
- f) NCSR CHEMICALS PVT LTD may depute its personnel as visiting faculty at LIT, NAGPUR to teach any of the regular Course or specialized topics as Guest Faculty.
- g) NCSR CHEMICALS PVT LTD personnel, as well as research scholars, may also be allowed to enroll for their Ph.D./M.Tech. (Research) at LIT, NAGPUR, subject to availability of seats, research facilities and subject to their fulfilling eligibility criteria and all other academic regulations of LIT, NAGPUR. Further, NCSR CHEMICALS PVT LTD may request to design and teach a Course or Courses which it deems fit to enhance quality and performance of its employees. Such Courses may be run at any mutually convenient premises.
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- i) Would allow the industrial visits of students for half/full day to provide them with an exposure to various equipment, instrument, etc.
- j) NCSR CHEMICALS PVT LTD may showcase its business activities at the seminar/workshop/conference, etc. at LIT, NAGPUR.
- k) INDUSTRYNAME may avail library, Internet, computational facilities at LIT, NAGPUR.
- l) Post-graduate student will be allotted a Research supervisor from LIT, NAGPUR faculty members. A Research Scientist/Engineer at NCSR CHEMICALS PVT LTD may be appointed a Co- research guide as per the rules of the respective institute for a student Registered for Ph.D/ M.Tech (Regular or Research) degree at LIT, NAGPUR. The student may be encouraged to take up the project such that NCSR CHEMICALS PVT LTD desirably benefits from its outcomes.
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- n) There will be no restriction on the contents of the thesis and on publication of results of the thesis, subject to the condition that no Intellectual Property Rights can be secured for any part of the work which will be decided with mutual consent.
- o) Both LIT, NAGPUR and NCSR CHEMICALS PVT LTD will be free to independently carry out follow-up research on the thesis work conducted under this scheme.

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- q) Research supervisors from both the Institute and Industry will be the corresponding authors in any publication resulting from the collaborative work. All the efforts put by the student/s as a part of this MoU will be accounted for by way of reporting the work in thesis and/or paper publication except the part for which IPR needs be claimed.
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- c) LIT, NAGPUR and NCSR CHEMICALS PVT LTD 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.

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- a) The collaborative programme between LIT, NAGPUR and NCSR CHEMICALS PVT LTD shall be coordinated by a coordination committee appointed by Directors of both the Institutes.
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- 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/faculty/scientists who have been admitted pursuing a programme under the MOU.
- d) Any clause or article of the MOU may be modified or amended by mutual agreement of NCSR CHEMICALS PVT LTD and LIT, NAGPUR.

ARTICLE-VI: INTELLECTUAL PROPERTY RIGHTS (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 both LIT, NAGPUR and NCSR CHEMICALS PVT LTD 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 LIT, NAGPUR and NCSR CHEMICALS PVT LTD 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 agreement or PROJECTS.

Further both LIT, NAGPUR and NCSR CHEMICALS PVT LTD 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 party 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,
- a) is already in the rightful possession of the receiving party prior to its receipt of such data or information;
- b) is independently developed by the receiving party without reference to the confidential information of the disclosing party
- c) is rightfully obtained by the receiving party from a third party or is in the public domain
- d) is disclosed with the written consent of the party whose information it is, or
- e) 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 AGREEMENT shall be in writing and signed by the 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.

ARTICLE-IX: RESOLUTION OF DISPUTES

- a) This agreement shall take effect and be construed in accordance with the Laws of India and be subject to the jurisdiction of the courts at NAGPUR.
- b) The dispute or difference whatsoever arises between PARTIES in relation to or in connection with this AGREEMENT both the parties shall first try to resolve the dispute/difference 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, 1996. The venue of arbitration shall be New Delhi and Language of arbitration shall be English.

ARTICLE-X: MISCELLANEOUS

- a) The headings and sub-headings are inserted for convenience only and shall not affect the construction of this Agreement.
- b) Both LIT, NAGPUR and NCSR CHEMICALS PVT LTD shall not, during the term of this Agreement 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.



Authorized Signatory
NCSR CHEMICALS PVT LTD
NAGPUR

Witness

1
2

Date 05/09/2019

Director
Laxminarayan Institute of Technology
Laxminarayan Institute of Technology,
Nagpur

Witness

1
(P.G. Shende)
2
(Dr. S.V. Meshram)

Date 05/09/2019

MEMORANDUM OF UNDERSTANDING

BETWEEN

**LAXMINARAYAN INSTITUTE OF
TECHNOLOGY, NAGPUR**

AND

NCS GREEN EARTH PVT. LTD.

PREAMBLE

Whereas, Laxminarayan Institute of Technology, Nagpur (LIT) at its Chemical Engineering and various Chemical Technology (which includes, Food, Oil, Surface Coating, Pulp and Paper, Plastic and Polymer and Petrochemical Technology) departments is charged with responsibility of training technical and scientific manpower in various front-line areas of importance for the Nation and is also contributing to the rapidly growing scientific and technological knowledge and professional excellence in Science & Technology by undertaking industrial & applied research and consultancy.

Whereas, NCS Green Earth Pvt Ltd is engaged in manufacturing of Products required for Solid Waste Management, Waste Water Management & other cleaning requirements; also it carries production of Agriculture Inputs as Biopesticides, Biostimulants. Also undertakes consultancy in field of Organic Fertilizer Production, Sugar Mills, all based on Green Chemistry.

Whereas, both LIT, Nagpur and NCS Green Earth Pvt Ltd, now

- Recognizing the importance of research and development in the areas of Environment Agriculture Manufacturing Based On Green Chemistry, as well as imparting industrial training to the engineering/technology/sciences students etc.
- Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to Environment Agriculture Manufacturing based on Green Chemistry.
- Desiring to club their efforts by pooling their expertise and resources,

INTEND to form a nucleus for promoting excellent quality manpower in the fields of engineering and technology and with special emphasis on areas of mutual interest and related fields etc.

NOW, THEREFORE, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both LIT, Nagpur and NCS Green Earth Pvt Ltd, hereby acknowledge, LIT, Nagpur and NCS Green Earth Pvt Ltd hereby agree to sign a memorandum of understanding (MOU).

ARTICLE-1: SCOPE OF THE MOU

This MOU details the modalities and general conditions regarding collaboration between LIT, Nagpur and NCS Green Earth Pvt Ltd for enhancing, within the country, the availability of highly qualified manpower in the areas of Chemical Engineering and Chemical Technology without any prejudice to prevailing rules and regulations in LIT, Nagpur and NCS Green Earth Pvt Ltd 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 LIT, Nagpur and NCS Green Earth Pvt Ltd. The areas of cooperation can be extended through mutual consent.

ARTICLE-II: SCOPE AND TERMS OF INTERACTIONS

Both LIT, Nagpur and NCS Green Earth Pvt Ltd shall encourage interactions between the Engineers, Scientists, Research fellows, faculty members and students of both the organizations through few of the following arrangements:

- a) Exchange of personnel to deliver Guest Lectures as per the rules of the respective institute, for limited periods as mutually agreed upon;
- b) Organization of joint conferences and seminars;
- c) Industrial training of LIT, Nagpur and NCS Green Earth Pvt Ltd;
- d) Joint guidance of student projects/thesis in Environment Agriculture Manufacturing Based On Green Chemistry and other areas of national interest at LIT, Nagpur and NCS Green Earth Pvt Ltd on mutually agreeable terms.
- e) NCS Green Earth Pvt Ltd would accommodate B.Tech. students who have completed the 6th semester of their programme in such a number that NCS Green Earth Pvt Ltd deems convenient to it for the purpose of imparting industrial training.
- f) NCS Green Earth Pvt. Ltd. may depute its personnel as visiting faculty at LIT, Nagpur to teach any of the regular Course or specialized topics as Guest Faculty.
- g) NCS Green Earth Pvt. Ltd. personnel, as well as research scholars, may also be allowed to enroll for their Ph.D./M.Tech. (Research) at LIT, Nagpur, subject to availability of seats, research facilities and subject to their fulfilling eligibility criteria and all other academic regulations of LIT, Nagpur. Further, NCS Green Earth Pvt. Ltd. may request to design and teach a Course or Courses which it deems fit to enhance quality and performance of its employees. Such Courses maybe run at any mutually convenient premises.
- h) NCS Green Earth Pvt Ltd may seek collaboration of LIT, Nagpur faculty member/s in product/process modification, modernization, trouble shooting etc.
- i) Would allow the industrial visits of students for half/full day to provide them with an exposure to various equipment, instrument etc.
- j) NCS Green Earth Pvt. Ltd. may showcase its business activities at the seminar/workshop/conference, etc. at LIT, Nagpur.
- k) NCS Green Earth Pvt. Ltd. may avail library, Internet, computational facilities at LIT, Nagpur.
- l) Post-graduate student will be allotted a Research supervisor from LIT, Nagpur faculty members. A Research Scientist/Engineer at NCS Green Earth Pvt. Ltd. may be appointed a Co- research guide as per the rules of the respective institute for a student Registered for Ph.D/ M.Tech (Regular or Research) degree at LIT, Nagpur. The student maybe encouraged to take up the project such that NCS Green Earth Pvt. Ltd. desirably benefits from its outcomes.
- m) The students will carry out part of their Ph.D. research work or M.Tech./B.Tech. project at LIT, Nagpur and NCS Green Earth Pvt. Ltd. depending on the nature of the work as per rules of the respective institute depending on facilities and requirements.
- n) There will be no restriction on the contents of the thesis and on publication of results of the thesis, subject to the condition that no Intellectual Property Rights can be secured for any part of the work which will be decided with mutual consent.
- o) Both LIT, Nagpur and NCS Green Earth Pvt Ltd will be free to independently carry out follow-up research on the thesis work conducted under this scheme.
- p) 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

the Country, the same will not be allowed for publication/printing in any form such as Electronically/verbally, 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.

- q) Research supervisors from both the Institute and Industry will be the corresponding authors in any publication resulting from the collaborative work. All the efforts put by the student/s as a part of this MOU will be accounted for by way of reporting the work in thesis and/or paper publication except the part for which IPR needs to be claimed.
- r) Neither of the supervisors will publish the work carried out under this MOU without knowledge of the other.
- s) 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.

ARTICLE-III : SHARING OF FACILITIES

- a) LIT, Nagpur and NCS Green earth Pvt. Ltd. shall make provisions to share their respective important R&D facilities in order to promote academic and research interaction in the areas of cooperation.
- b) LIT, Nagpur and NCS Green Earth Pvt Ltd shall permit the sharing software and other materials and components developed in-house in the areas of cooperation, if permissible within the rules governing the two institutions. However, responsibility for safety of software and other materials during the exchange will rest on respective Head of academic department/section.
- c) LIT, Nagpur and NCS Green Earth Pvt. Ltd. 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 LIT, Nagpur and NCS Green Earth Pvt. Ltd. shall be coordinated by a coordination committee appointed by Directors 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/faculty/scientists 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 NCS Green Earth Pvt Ltd and LIT, Nagpur.

ARTICLE-VI : INTELLECTUAL PROPERTY RIGHTS (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 both LIT, Nagpur and NCS Green Earth Pvt Ltd 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 LIT, Nagpur and NCS Green Earth Pvt Ltd 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 agreement or Projects.

Further both LIT, NAGPUR and NCS Green Earth Pvt. Ltd. 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 party under this agreement or any subsequent agreement, whether in writing, verbally 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 AGREEMENT shall be in writing and signed by the 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 agenda.

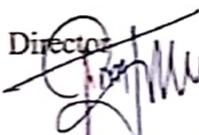
ARTICLE-IX : RESOLUTION OF DISPUTES

- a) This agreement shall take effect and be construed in accordance with the Laws of India and be subject to the jurisdiction of the courts at Nagpur and or at the location of NCS Green Earth Pvt Ltd.
- b) The dispute or difference whatsoever arises between PARTIES in relation to or in connection with this AGREEMENT both the parties shall first try to resolve the dispute/difference 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, 1996. The venue of arbitration shall be New Delhi and Language of arbitration shall be English.

ARTICLE-X: MISCELLANEOUS

- a) The headings and sub-headings are inserted for convenience only and shall not affect the construction of this Agreement.
- b) Both LIT, Nagpur and NCS Green Earth Pvt Ltd shall not, during the term of this Agreement 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.

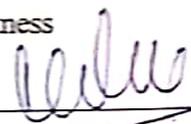
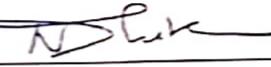
IN WITNESS WHEREOF PARTIES HERE TO HAVE ENTERED INTO THIS AGREEMENT EFFECTIVE AS ON THE DATE AND YEAR FIRST WRITTEN ABOVE.

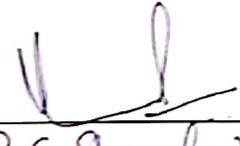
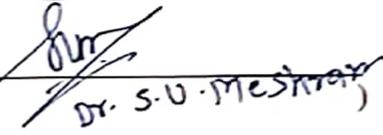
Director

(Milind Bodke)
NCS Green Earth Pvt Ltd



Director

Director (R. B. Manekar)
Laxminarayan Institute of Technology
Rashtriya Teknol. Mahavidyalaya
Laxminarayan Institute of Technology, Nagpur

Witness
1 
(Nandkumar Nodkarn)
2 
(Nikhil Dhote)

Witness
1 
(P. G. Shende)
2 
(Dr. S. U. Meshram)

Date :

Date : 05/09/2019



महाराष्ट्र MAHARASHTRA

2019

NAGPUR TREASURY

VF 138740

20 AUG 2019

Stamp Head Clerk / Sr. Clerk

MEMORANDUM OF UNDERSTANDING

BETWEEN

Laxminarayan Institute of
Technology, Nagpur
&
CHEMPROSOL BIOTECH,
Nagpur
(GSTIN: ESGPK7967G1Z4)

(TO PROMOTE ACADEMIC & RESEARCH COOPERATION)

PREAMBLE

Whereas, Laxminarayan Institute of Technology, Nagpur (LIT) at its Chemical Engineering and various Chemical Technology (which includes, Food, Oil, Surface Coating, Pulp and Paper, Plastic and Polymer and Petrochemical Technology) departments is charged with responsibility of training technical and scientific manpower in various front-line areas of importance for the Nation and is also contributing to the rapidly growing scientific and technological knowledge and professional excellence in Science & Technology by undertaking industrial & applied research and consultancy.

[Handwritten signatures]

WHEREAS, **CHEMPROSOL BIOTECH** is engaged in manufacturing of Biodiesel, Glycerin, Fatty Acids and other respective Oleo chemicals, along with research, design and development and consultancy in the field of Oleochemicals and related fields.

WHEREAS, both LIT, Nagpur and **CHEMPROSOL BIOTECH**, now

- Recognizing the importance of research and development in the areas of BIODIESEL, Oleo chemicals, Research, Technical Consultation, Plant Design & Fabrication as well as imparting industrial training to the engineering/technology/sciences students, etc.
- Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to Biodiesel, Biopetrol, Bioethanol, Bioplasticiser & other Biodegradable Oleochemicals along with their Manufacturing process.
- Desiring to club their efforts by pooling their expertise and resources,

INTEND to form a nucleus for promoting excellent quality manpower in the fields of engineering and technology and with special emphasis on areas of mutual interest and related fields etc.

NOW, THEREFORE, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both LIT, NAGPUR and **CHEMPROSOL BIOTECH** hereby acknowledge, LIT, NAGPUR and **CHEMPROSOL BIOTECH** 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 LIT, NAGPUR and **CHEMPROSOL BIOTECH** for enhancing, within the country, the availability of highly qualified manpower in the areas of Chemical Engineering and Chemical Technology without any prejudice to prevailing rules and regulations in LIT, NAGPUR and **CHEMPROSOL BIOTECH** 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 LIT, NAGPUR and **CHEMPROSOL BIOTECH**. The areas of cooperation can be extended through mutual consent.

Nagpur
Chis

ARTICLE-II: SCOPE AND TERMS OF INTERACTIONS

Both LIT, NAGPUR and CHEMPROSOL BIOTECH shall encourage interactions between the Engineers, Scientists, Research fellows, faculty members and students of both the organizations through few of the following arrangements:

- a) Exchange of personnel to deliver Guest Lectures as per the rules of the respective institute, for limited periods as mutually agreed upon;
- b) Organization of joint conferences and seminars;
- c) Industrial training of LIT, NAGPUR students at CHEMPROSOL BIOTECH;
- d) Joint guidance of student projects/thesis in Biodegradable oleochemicals, Biodiesel, Biopetrol, Jet Fuel, Bioplasticiser, Biopolyol and other areas of national interest at LIT, NAGPUR by CHEMPROSOL BIOTECH on mutually agreeable terms.
- e) CHEMPROSOL BIOTECH would accommodate B.Tech. students who have completed the 6th semester of their programme in such a number that CHEMPROSOL BIOTECH deems convenient to it for the purpose of imparting industrial training.
- f) CHEMPROSOL BIOTECH may depute its personnel as visiting faculty at LIT, NAGPUR to teach any of the regular Course or specialized topics as Guest Faculty.
- g) CHEMPROSOL BIOTECH personnel, as well as research scholars, may also be allowed to enroll for their Ph.D./M.Tech. (Research) at LIT, NAGPUR, subject to availability of seats, research facilities and subject to their fulfilling eligibility criteria and all other academic regulations of LIT, NAGPUR. Further, CHEMPROSOL BIOTECH may request to design and teach a Course or Courses which it deems fit to enhance quality and performance of its employees. Such Courses may be run at any mutually convenient premises.
- h) CHEMPROSOL BIOTECH may seek collaboration of LIT, NAGPUR faculty member/s in product/process modification, modernization, trouble shooting, etc.
- i) Would allow the industrial visits of students for half/full day to provide them with an exposure to various equipment, instrument, etc.
- j) CHEMPROSOL BIOTECH may showcase its business activities at the seminar/workshop/conference, etc. at LIT, NAGPUR.
- k) CHEMPROSOL BIOTECH may avail library, Internet, computational facilities at LIT, NAGPUR.
- l) Post-graduate student will be allotted a Research supervisor from LIT, NAGPUR faculty members. A Research Scientist/Engineer at CHEMPROSOL BIOTECH may be appointed a Co- research guide as per the rules of the respective institute for a student Registered for Ph.D/ M.Tech (Regular or Research) degree at LIT, NAGPUR. The student may be encouraged to take up the project such that CHEMPROSOL BIOTECH desirably benefits from its outcomes.
- m) The students will carry out part of their Ph.D. research work or M.Tech./B.Tech. project at LIT, NAGPUR and CHEMPROSOL BIOTECH depending on the nature of the work as per rules of the respective institute depending on facilities and requirements.
- n) There will be no restriction on the contents of the thesis and on publication of results of the thesis, subject to the condition that no Intellectual Property Rights can be secured for any part of the work which will be decided with mutual consent.
- o) Both LIT, NAGPUR and CHEMPROSOL BIOTECH will be free to independently carry out follow-up research on the thesis work conducted under this scheme.




- p) 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 the 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.
- q) Research supervisors from both the Institute and Industry will be the corresponding authors in any publication resulting from the collaborative work. All the efforts put by the student/s as a part of this MoU will be accounted for by way of reporting the work in thesis and/or paper publication except the part for which IPR needs be claimed.
- r) Neither of the supervisors will publish the work carried out under this MoU without knowledge of the other.
- s) 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.

ARTICLE-III : SHARING OF FACILITIES

- a) LIT, NAGPUR and CHEMPROSOL BIOTECH shall make provisions to share their respective important R&D facilities in order to promote academic and research interaction in the areas of cooperation.
- b) LIT, NAGPUR and CHEMPROSOL BIOTECH shall permit the sharing software and other materials and components developed in-house in the areas of cooperation, if permissible within the rules governing the two institutions. However, responsibility for safety of software and other materials during the exchange will rest on respective Head of academic department/section.
- c) LIT, NAGPUR and CHEMPROSOL BIOTECH 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 LIT, NAGPUR and CHEMPROSOL BIOTECH shall be coordinated by a coordination committee appointed by Directors 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/faculty/scientists who have been admitted to pursue a programme under the MOU.

[Handwritten signatures]

- d) Any clause or article of the MOU may be modified or amended by mutual agreement of CHEMPROSOL BIOTECH and LIT, NAGPUR.

ARTICLE-VI : INTELLECTUAL PROPERTY RIGHTS (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 both LIT, NAGPUR and CHEMPROSOL BIOTECH 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 LIT, NAGPUR and CHEMPROSOL BIOTECH 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 agreement or PROJECTS.

Further both LIT, NAGPUR and CHEMPROSOL BIOTECH 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 party 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 AGREEMENT shall be in writing and signed by the 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.



ARTICLE-IX : RESOLUTION OF DISPUTES

- a) This agreement shall take effect and be construed in accordance with the Laws of India and be subject to the jurisdiction of the courts at NAGPUR and or at the location of CHEMPROSOL BIOTECH
- b) The dispute or difference whatsoever arises between PARTIES in relation to or in connection with this AGREEMENT both the parties shall first try to resolve the dispute/difference 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, 1996. The venue of arbitration shall be New Delhi and Language of arbitration shall be English.

ARTICLE-X: MISCELLANEOUS

- a) The headings and sub-headings are inserted for convenience only and shall not affect the construction of this Agreement.
- b) Both LIT, NAGPUR and CHEMPROSOL BIOTECH shall not, during the term of this Agreement 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.


Mrs Latika Atul Amgaonkar
Chemprosol Biotech
Authorized Signatory
CHEMPROSOL BIOTECH




Dr. Raju Mankar **Director**
Director
Laxminarayan Institute of Technology
Laxminarayan Institute of Technology
RTMNU, Nagpur



Witness
1 Shri. V.S. Amgaonkar
2 Sarin D. N. K. Pate
S. D. Aggarwal

Witness
1 Dr. R. V. Y. Karadbhavne
2 C. Vaibhav Gawande

Date

Date :



महाराष्ट्र MAHARASHTRA

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NAGPUR TREASURY
VR 248012

19 SEP 2019

Stamp Head Clerk / Sr. Clerk

MEMORANDUM OF UNDERSTANDING

BETWEEN

Laxminarayan Institute of Technology, Nagpur

AND

Vimal Paints Pvt. Ltd., Nagpur

PREAMBLE

Whereas, Laxminarayan Institute of Technology, Nagpur (LIT) at its Chemical Engineering and various Chemical Technology (which includes, Food, Oil, Surface Coating, Pulp and Paper, Plastic and Polymer and Petrochemical Technology) departments is charged with responsibility of training technical and scientific manpower in various front-line areas of importance for the Nation and is also contributing to the rapidly growing scientific and technological knowledge and professional excellence in Science & Technology by undertaking industrial & applied research and consultancy.

WHEREAS, VIMAL PAINTS PVT. LTD. NAGPUR is engaged in manufacturing of Paint/Coatings, research, design and development Coatings and related fields.

WHEREAS, both LIT, Nagpur and VIMAL PAINTS PVT. LTD. NAGPUR, now

- Recognizing the importance of research and development in the areas Paints/Coatings, as well as imparting industrial training to the engineering/technology/sciences students, etc.
- Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to Paints/Coatings.
- Desiring to club their efforts by pooling their expertise and resources,

INTEND to form a nucleus for promoting excellent quality manpower in the fields of engineering and technology and with special emphasis on areas of mutual interest and related fields etc.

NOW, THEREFORE, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both LIT, NAGPUR and VIMAL PAINTS PVT. LTD. NAGPUR hereby acknowledge, LIT, NAGPUR and VIMAL PAINTS PVT. LTD. NAGPUR 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 LIT, NAGPUR and VIMAL PAINTS PVT. LTD. NAGPUR for enhancing, within the country, the availability of highly qualified manpower in the areas of Chemical Engineering and Chemical Technology without any prejudice to prevailing rules and regulations in LIT, NAGPUR and VIMAL PAINTS PVT. LTD. NAGPUR 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 LIT, NAGPUR and VIMAL PAINTS PVT. LTD. NAGPUR. The areas of cooperation can be extended through mutual consent.

ARTICLE-II: SCOPE AND TERMS OF INTERACTIONS

Both LIT, NAGPUR and VIMAL PAINTS PVT. LTD. NAGPUR shall encourage interactions between the Engineers, Scientists, Research fellows, faculty members and students of both the organizations through few of the following arrangements:

- a) Exchange of personnel to deliver Guest Lectures as per the rules of the respective institute, for limited periods as mutually agreed upon;
- b) Organization of joint conferences and seminars;
- c) Industrial training of LIT, NAGPUR students at VIMAL PAINTS PVT. LTD. NAGPUR;
- d) Joint guidance of student projects/thesis in Paint/Organic Coatings and other areas of national interest at LIT, NAGPUR by VIMAL PAINTS PVT. LTD. NAGPUR on mutually agreeable terms.
- e) VIMAL PAINTS PVT. LTD. NAGPUR would accommodate B. Tech. students who have completed the 6th semester of their programme in such a number that VIMAL PAINTS PVT. LTD. NAGPUR deems convenient to it for the purpose of imparting industrial training.
- f) VIMAL PAINTS PVT. LTD. NAGPUR may depute its personnel as visiting faculty at LIT, NAGPUR to teach any of the regular Course or specialized topics as Guest Faculty.
- g) VIMAL PAINTS PVT. LTD. NAGPUR personnel, as well as research scholars, may also be allowed to enroll for their Ph.D./M.Tech. (Research) at LIT, NAGPUR, subject to availability of seats, research facilities and subject to their fulfilling eligibility criteria and all other academic regulations of LIT, NAGPUR. Further, VIMAL PAINTS PVT. LTD. NAGPUR may request to design and teach a Course or Courses which it deems fit to enhance quality and performance of its employees. Such Courses may be run at any mutually convenient premises.
- h) VIMAL PAINTS PVT. LTD. NAGPUR may seek collaboration of LIT, NAGPUR faculty member/s in product/process modification, modernization, trouble shooting, etc.
- i) Would allow the industrial visits of students for half/full day to provide them with an exposure to various equipment, instrument, etc.
- j) VIMAL PAINTS PVT. LTD. NAGPUR may showcase its business activities at the seminar/workshop/conference, etc. at LIT, NAGPUR.
- k) VIMAL PAINTS PVT. LTD. NAGPUR may avail library, Internet, computational facilities at LIT, NAGPUR.
- l) Post-graduate student will be allotted a Research supervisor from LIT, NAGPUR faculty members. A Research Scientist/Engineer at VIMAL PAINTS PVT. LTD. NAGPUR may be appointed a Co- research guide as per the rules of the respective institute for a student Registered for Ph.D/ M.Tech (Regular or Research) degree at LIT, NAGPUR. The student may be encouraged to take up the project such that VIMAL PAINTS PVT. LTD. NAGPUR desirably benefits from its outcomes.
- m) The students will carry out part of their Ph.D. research work or M.Tech./B.Tech. project at LIT, NAGPUR and VIMAL PAINTS PVT. LTD. NAGPUR depending on the nature of the work as per rules of the respective institute depending on facilities and requirements.
- n) There will be no restriction on the contents of the thesis and on publication of

- results of the thesis, subject to the condition that no Intellectual Property Rights can be secured for any part of the work which will be decided with mutual consent.
- o) Both LIT, NAGPUR and VIMAL PAINTS PVT. LTD. NAGPUR will be free to independently carry out follow-up research on the thesis work conducted under this scheme.
 - p) 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 the 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.
 - q) Research supervisors from both the Institute and Industry will be the corresponding authors in any publication resulting from the collaborative work. All the efforts put by the student/s as a part of this MoU will be accounted for by way of reporting the work in thesis and/or paper publication except the part for which IPR needs be claimed.
 - r) Neither of the supervisors will publish the work carried out under this MoU without knowledge of the other.
 - s) 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.

ARTICLE-III : SHARING OF FACILITIES

- a) LIT, NAGPUR and VIMAL PAINTS PVT. LTD. NAGPUR shall make provisions to share their respective important R&D facilities in order to promote academic and research interaction in the areas of cooperation.
- b) LIT, NAGPUR and VIMAL PAINTS PVT. LTD. NAGPUR shall permit the sharing software and other materials and components developed in-house in the areas of cooperation, if permissible within the rules governing the two institutions. However, responsibility for safety of software and other materials during the exchange will rest on respective Head of academic department/section.
- c) LIT, NAGPUR and VIMAL PAINTS PVT. LTD. NAGPUR 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 LIT, NAGPUR and VIMAL PAINTS PVT. LTD. NAGPUR shall be coordinated by a coordination committee appointed by Directors 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/faculty/scientists 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 VIMAL PAINTS PVT. LTD. NAGPUR and LIT, NAGPUR.

ARTICLE-VI : INTELLECTUAL PROPERTY RIGHTS (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 both LIT, NAGPUR and VIMAL PAINTS PVT. LTD. NAGPUR 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 LIT, NAGPUR and VIMAL PAINTS PVT. LTD. NAGPUR 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 agreement or PROJECTS.

Further both LIT, NAGPUR and VIMAL PAINTS PVT. LTD. NAGPUR 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 party 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 AGREEMENT shall be in writing and signed by the 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.

ARTICLE-IX : RESOLUTION OF DISPUTES

- a) This agreement shall take effect and be construed in accordance with the Laws of India and be subject to the jurisdiction of the courts at NAGPUR and or at the location of VIMAL PAINTS PVT. LTD. NAGPUR.
- b) The dispute or difference whatsoever arises between PARTIES in relation to or in connection with this AGREEMENT both the parties shall first try to resolve the dispute/difference 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, 1996. The venue of arbitration shall be New Delhi and Language of arbitration shall be English.

ARTICLE-X: MISCELLANEOUS

- a) The headings and sub-headings are inserted for convenience only and shall not affect the construction of this Agreement.
- b) Both LIT, NAGPUR and VIMAL PAINTS PVT. LTD. NAGPUR shall not, during the term of this Agreement 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.

Authorized Signatory
Vimal Paints Pvt. Ltd
Nagpur

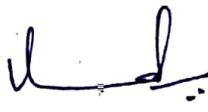
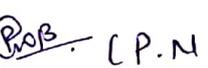


Director
Laxminarayan Institute of Technology
Rashtrasant Tukadoji Maharaj Nagpur University
Laxminarayan Institute of Technology,
Nagpur

Witness

1 Abhishek Joshi 
2 Kevila Sharma 

Witness

1  (P. G. Shende)
2  (P. N. Belkhode)

Date

Date



महाराष्ट्र MAHARASHTRA

2019

VN 866418

12 SEP 2019

Stamp Head Clerk / Sr. Clerk

MEMORANDUM OF UNDERSTANDING

BETWEEN

Laxminarayan Institute of Technology, Nagpur
AND
Clean Aquato Engineering Environmental Consultant.

PREAMBLE

Whereas, Laxminarayan Institute of Technology, Nagpur (LIT) at its Chemical Engineering and various Chemical Technology (which includes, Food, Oil, Surface Coating, Pulp and Paper, Plastic and Polymer and Petrochemical Technology) departments is charged with responsibility of training technical and scientific manpower in various front-line areas of importance for the Nation and is also contributing to the rapidly growing scientific and technological knowledge and professional excellence in Science & Technology by undertaking industrial & applied research and consultancy.

WHEREAS, CLEAN AQUATO ENGINEERING ENVIRONMENTAL CONSULTANT is engaged in a specified consulting and Engineering activities that works with domestic, commercial and Industrial Clients to address new ventures and complex problems regarding water and waste water treatment, Chemical Engineering, Environmental Engineering with the excellence of research, design and development to find out sustainable and appropriate technical solutions in the field of Environmental Engineering and related fields.

WHEREAS, both LIT, Nagpur and CLEAN AQUATO, now

- Recognizing the importance of research and development in the areas **Environmental Engineering**, as well as imparting industrial training to the engineering/technology/sciences students, etc.
- Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to **Environmental Engineering**.
- Desiring to club their efforts by pooling their expertise and resources,

INTEND to form a nucleus for promoting excellent quality manpower in the fields of engineering and technology and with special emphasis on areas of mutual interest and related fields etc.

NOW, THEREFORE, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both LIT, NAGPUR and CLEAN AQUATO hereby acknowledge, LIT, NAGPUR and CLEAN AQUATO 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 LIT, NAGPUR and CLEAN AQUATO for enhancing, within the country, the availability of highly qualified manpower in the areas of Chemical Engineering and Chemical Technology without any prejudice to prevailing rules and regulations in LIT, NAGPUR and CLEAN AQUATO 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 LIT, NAGPUR and CLEAN AQUATO. The areas of cooperation can be extended through mutual consent.

ARTICLE-II: SCOPE AND TERMS OF INTERACTIONS

Both LIT, NAGPUR and CLEAN AQUATO shall encourage interactions between the Engineers, Scientists, Research fellows, faculty members and students of both the organizations through few of the following arrangements:

- a) Exchange of personnel to deliver Guest Lectures as per the rules of the respective institute, for limited periods as mutually agreed upon;
- b) Organization of joint conferences and seminars;
- c) Industrial training of LIT, NAGPUR students at CLEAN AQUATO;
- d) Joint guidance of student projects/thesis in **Environmental Engineering** and other areas of national interest at LIT, NAGPUR by CLEAN AQUATO on mutually agreeable terms.
- e) CLEAN AQUATO would accommodate B. Tech. students who have completed the 6th semester of their programme in such a number that CLEAN AQUATO deems convenient to it for the purpose of imparting industrial training.
- f) CLEAN AQUATO may depute its personnel as visiting faculty at LIT, NAGPUR to teach any of the regular course or specialized topics as Guest Faculty.
- g) CLEAN AQUATO personnel, as well as research scholars, may also be allowed to enroll for their Ph.D./M.Tech. (Research) at LIT, NAGPUR, subject to availability of seats, research facilities and subject to their fulfilling eligibility criteria and all other academic regulations of LIT, NAGPUR. Further, CLEAN AQUATO may request to design and teach a Course or Courses which it deems fit to enhance quality and performance of its employees. Such Courses may be run at any mutually convenient premises.
- h) CLEAN AQUATO may seek collaboration of LIT, NAGPUR faculty member/s in product/process modification, modernization, trouble shooting, etc.
- i) Would allow the industrial visits of students for half/full day to provide them with an exposure to various equipment, instrument, etc.
- j) CLEAN AQUATO may showcase its business activities at the seminar/workshop/conference, etc. at LIT, NAGPUR.
- k) CLEAN AQUATO may avail library, Internet, computational facilities at LIT, NAGPUR.

- l) Post-graduate student will be allotted a Research supervisor from LIT, NAGPUR faculty members. A Research Scientist/Engineer at CLEAN AQUATO may be appointed a Co- research guide as per the rules of the respective institute for a student Registered for Ph.D/ M.Tech (Regular or Research) degree at LIT, NAGPUR. The student may be encouraged to take up the project such that CLEAN AQUATO desirably benefits from its outcomes.
- m) The students will carry out part of their Ph.D. research work or M.Tech./B.Tech. Project at LIT, NAGPUR and CLEAN AQUATO depending on the nature of the work as per rules of the respective institute depending on facilities and requirements.
- n) There will be no restriction on the contents of the thesis and on publication of results of the thesis, subject to the condition that no Intellectual Property Rights can be secured for any part of the work which will be decided with mutual consent.
- o) Both LIT, NAGPUR and CLEAN AQUATO will be free to independently carry out follow-up research on the thesis work conducted under this scheme.
- p) 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 the 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.
- q) Research supervisors from both the Institute and Industry will be the corresponding authors in any publication resulting from the collaborative work. All the efforts put by the student/s as a part of this MoU will be accounted for by way of reporting the work in thesis and/or paper publication except the part for which IPR needs be claimed.
- r) Neither of the supervisors will publish the work carried out under this MoU without knowledge of the other.
- s) 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.

ARTICLE-III: SHARING OF FACILITIES

- a) LIT, NAGPUR and CLEAN AQUATO shall make provisions to share their respective important R&D facilities in order to promote academic and research interaction in the areas of cooperation.
- b) LIT, NAGPUR and CLEAN AQUATO shall permit the sharing software and other materials and components developed in-house in the areas of cooperation, if permissible within the rules governing the two institutions. However, responsibility for safety of software and other materials during the exchange will rest on respective Head of academic department/section.
- c) LIT, NAGPUR and CLEAN AQUATO 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 LIT, NAGPUR and CLEAN AQUATO shall be coordinated by a coordination committee appointed by Directors 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/faculty/scientists 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 **CLEAN AQUATO** and **LIT, NAGPUR**.

ARTICLE-VI : INTELLECTUAL PROPERTY RIGHTS (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 both **LIT, NAGPUR** and **CLEAN AQUATO** 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 **LIT, NAGPUR** and **CLEAN AQUATO** 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 agreement or **PROJECTS**.

Further both **LIT, NAGPUR** and **CLEAN AQUATO** 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 party 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 already in the rightful possession of the receiving party prior to its receipt of such data or information;
- B. is independently developed by the receiving party without reference to the confidential information of the disclosing party
- C. is rightfully obtained by the receiving party from a third party or is in the public domain
- D. is disclosed with the written consent of the party whose information it is, or
- E. is disclosed pursuant to court order or other legal compulsion, after providing prior notice to the disclosing party.
- F. is or becomes publicly available through no fault of the receiving party,

ARTICLE-VIII : AMENDMENTS

Any amendment and/or addenda to the AGREEMENT shall be in writing and signed by the 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.

ARTICLE-IX : RESOLUTION OF DISPUTES

- a) This agreement shall take effect and be construed in accordance with the Laws of India and be subject to the jurisdiction of the courts at NAGPUR and or at the Pune of CLEAN AQUATO.
- b) The dispute or difference whatsoever arises between PARTIES in relation to or in connection with this AGREEMENT both the parties shall first try to resolve the dispute/difference 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, 1996. The venue of arbitration shall be New Delhi and Language of arbitration shall be English.

ARTICLE-X: MISCELLANEOUS

- a) The headings and sub-headings are inserted for convenience only and shall not affect the construction of this Agreement.
- b) Both LIT, NAGPUR and CLEAN AQUATO shall not, during the term of this Agreement 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.

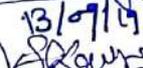
IN WITNESS WHEREOF PARTIES HERE TO HAVE ENTERED INTO THIS AGREEMENT EFFECTIVE AS ON THE DATE AND YEAR FIRST WRITTEN ABOVE.


 Authorized Signatory
 CLEAN AQUATO ENGINEERING
 ENVIRONMENTAL CONSULTANT

 Witness


 Director
 Laxminarayan Institute of Technology, Nagpur

 Witness
 Rashtrasant Tukadoji Maharaj Nagpur University

1  (रामेश्वर प्रसाद)
 13/9/19
 2  (रमेश्वर कावरासे)
 14.9.19

1  Dr. B. A. Bhanvare
 2  R. P. Jyotekar

Date 14/9/2019

Date 14/9/2019

MEMORANDUM OF UNDERSTANDING

BETWEEN

Laxminarayan Institute of Technology, Nagpur

AND

Vanita Foods Private Limited, Chandrapur

PREAMBLE

Whereas, Laxminarayan Institute of Technology, Nagpur (LIT) at its Chemical Engineering and various Chemical Technology (which includes, Food, Oil, Surface Coating, Pulp and Paper, Plastic and Polymer and Petrochemical Technology) departments is charged with responsibility of training technical and scientific manpower in various front-line areas of importance for the Nation and is also contributing to the rapidly growing scientific and technological knowledge and professional excellence in Science & Technology by undertaking industrial & applied research and consultancy.

WHEREAS, Vanita Foods Private Limited, C-3-I, Chanda Industrial Co-operative Estate, Mul Road, Chandrapur is engaged in manufacturing of Instant Food Mixes, Pickles, Spices and Papads, research, design and development and consultancy in the field of Food Technology and Product Development and related fields.

WHEREAS, both LIT, Nagpur and Vanita Foods Private Limited, now

- Recognizing the importance of research and development in the areas Food Technology and Product Development, as well as imparting industrial training to the engineering/technology/sciences students, etc.
- Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to Food Technology and Product Development
- Desiring to club their efforts by pooling their expertise and resources,

INTEND to form a nucleus for promoting excellent quality manpower in the fields of engineering and technology and with special emphasis on areas of mutual interest and related fields etc.

NOW, THEREFORE, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both LIT, NAGPUR and VANITA FOODS PRIVATE LIMITED hereby acknowledge, LIT, NAGPUR and VANITA FOODS PRIVATE LIMITED 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 LIT, NAGPUR and VANITA FOODS PRIVATE LIMITED for enhancing, within the country, the availability of highly qualified manpower in the areas of Chemical Engineering and Chemical Technology without any prejudice to prevailing rules and regulations in LIT, NAGPUR and VANITA FOODS PRIVATE LIMITED 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 LIT, NAGPUR and VANITA FOODS PRIVATE LIMITED. The areas of cooperation can be extended through mutual consent.



ARTICLE-II: SCOPE AND TERMS OF INTERACTIONS

Both LIT, NAGPUR and VANITA FOODS PRIVATE LIMITED shall encourage interactions between the Engineers, Scientists, Research fellows, faculty members and students of both the organizations through few of the following arrangements:

- a) Exchange of personnel to deliver Guest Lectures as per the rules of the respective institute, for limited periods as mutually agreed upon;
- b) Organization of joint conferences and seminars;
- c) Industrial training of LIT, NAGPUR students at VANITA FOODS PRIVATE LIMITED;
- d) Joint guidance of student projects/thesis in TO BE INTRODUCED HERE and other areas of national interest at LIT, NAGPUR by VANITA FOODS PRIVATE LIMITED on mutually agreeable terms.
- e) VANITA FOODS PRIVATE LIMITED would accommodate B. Tech. students who have completed the 6th semester of their programme in such a number that VANITA FOODS PRIVATE LIMITED deems convenient to it for the purpose of imparting industrial training.
- f) VANITA FOODS PRIVATE LIMITED may depute its personnel* as visiting faculty at LIT, NAGPUR to teach any of the regular Course or specialized topics as Guest Faculty.
- g) VANITA FOODS PRIVATE LIMITED personnel, as well as research scholars, may also be allowed to enroll for their Ph.D./M.Tech. (Research) at LIT, NAGPUR, subject to availability of seats, research facilities and subject to their fulfilling eligibility criteria and all other academic regulations of LIT, NAGPUR. Further, VANITA FOODS PRIVATE LIMITED may request to design and teach a Course or Courses which it deems fit to enhance quality and performance of its employees. Such Courses may be run at any mutually convenient premises.
- h) VANITA FOODS PRIVATE LIMITED may seek collaboration of LIT, NAGPUR faculty member/s in product/process modification, modernization, trouble shooting, etc.
- i) Would allow the industrial visits of students for half/full day to provide them with an exposure to various equipment, instrument, etc.
- j) VANITA FOODS PRIVATE LIMITED may showcase its business activities at the seminar/workshop/conference, etc. at LIT, NAGPUR.
- k) VANITA FOODS PRIVATE LIMITED may avail library, Internet, computational facilities at LIT, NAGPUR.
- l) Post-graduate student will be allotted a Research supervisor from LIT, NAGPUR faculty members. A Research Scientist/Engineer at VANITA FOODS PRIVATE LIMITED may be appointed a Co- research guide as per the rules of the respective institute for a student Registered for Ph.D/ M.Tech (Regular or Research) degree at LIT, NAGPUR. The student may be encouraged to take up the project such that VANITA FOODS PRIVATE LIMITED desirably benefits from its outcomes.
- m) The students will carry out part of their Ph.D. research work or M.Tech./B.Tech. project at LIT, NAGPUR and VANITA FOODS PRIVATE LIMITED depending on the nature of the work as per rules of the respective institute depending on



facilities and requirements.

- n) There will be no restriction on the contents of the thesis and on publication of results of the thesis, subject to the condition that no Intellectual Property Rights can be secured for any part of the work which will be decided with mutual consent.
- o) Both LIT, NAGPUR and VANITA FOODS PRIVATE LIMITED will be free to independently carry out follow-up research on the thesis work conducted under this scheme.

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke extending to the right.A handwritten signature in black ink, appearing to be a name with a long horizontal stroke extending to the right.

- p) 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 the 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.
- q) Research supervisors from both the Institute and Industry will be the corresponding authors in any publication resulting from the collaborative work. All the efforts put by the student/s as a part of this MoU will be accounted for by way of reporting the work in thesis and/or paper publication except the part for which IPR needs be claimed.
- r) Neither of the supervisors will publish the work carried out under this MoU without knowledge of the other.
- s) 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.

ARTICLE-III : SHARING OF FACILITIES

- a) LIT, NAGPUR and VANITA FOODS PRIVATE LIMITED shall make provisions to share their respective important R&D facilities in order to promote academic and research interaction in the areas of cooperation.
- b) LIT, NAGPUR and VANITA FOODS PRIVATE LIMITED shall permit the sharing software and other materials and components developed in-house in the areas of cooperation, if permissible within the rules governing the two institutions. However, responsibility for safety of software and other materials during the exchange will rest on respective Head of academic department/section.
- c) LIT, NAGPUR and VANITA FOODS PRIVATE LIMITED 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 LIT, NAGPUR and VANITA FOODS PRIVATE LIMITED shall be coordinated by a coordination committee appointed by Directors 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/faculty/scientists 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 VANITA FOODS PRIVATE LIMITED and LIT, NAGPUR.

ARTICLE-VI : INTELLECTUAL PROPERTY RIGHTS (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 both LIT, NAGPUR and VANITA FOODS PRIVATE LIMITED 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 LIT, NAGPUR and VANITA FOODS PRIVATE LIMITED 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 agreement or PROJECTS.

Further both LIT, NAGPUR and VANITA FOODS PRIVATE LIMITED 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 party 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 AGREEMENT shall be in writing and signed by the 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.

ARTICLE-IX : RESOLUTION OF DISPUTES

- a) This agreement shall take effect and be construed in accordance with the Laws of India and be subject to the jurisdiction of the courts at NAGPUR and or at the location of VANITA FOODS PRIVATE LIMITED.
- b) The dispute or difference whatsoever arises between PARTIES in relation to or in connection with this AGREEMENT both the parties shall first try to resolve the dispute/difference 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, 1996. The venue of arbitration shall be New Delhi and Language of arbitration shall be English.

ARTICLE-X: MISCELLANEOUS

- a) The headings and sub-headings are inserted for convenience only and shall not affect the construction of this Agreement.
- b) Both LIT, NAGPUR and VANITA FOODS PRIVATE LIMITED shall not, during the term of this Agreement 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.

Authorized Signatory

FOT, VANITA FOODS PVT. LTD.

Vinayak H. Dhote 
Director
VANITA FOODS PRIVATE LIMITED

Director
Laxminarayan
Nagpur



Director

Laxminarayan Institute of Technology
Rashtrasant Tukadoji Maharaj Nagpur University

Witness



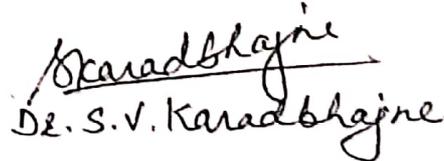
1 Rupali Pimpalkar


2 Avinash Mishra

Witness



1 Dr. M.G. Bhotmange

2 
Dr. S.V. Karadbhajne

Date: 7th September 2019

Date

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN



**MAHARASHTRA CENTER FOR ENTREPRENEURSHIP
DEVELOPMENT, (MCED)
(AN AUTONOMOUS SOCIETY WORKING UNDER DIRECTORATE
OF INDUSTRIES, GOVERNMENT OF MAHARASHTRA)
A-38, MIDC AREA, NEAR RAILWAY STATION, AURANGABAD**

&



**Laxminarayan Institute of Technology
Rashtrasant Tukadoji Maharaj Nagpur University
Amravati Road, Opposite Bharat nagar
Nagpur 440033
(MAHARASHTRA, INDIA)**

FOR

ENTREPRENEURSHIP TRAININGS & RESEARCH

MEMORANDUM OF UNDERSTANDING

This **Memorandum of Understanding** (hereinafter called as the 'MOU') is entered into on this the 24 day of October (Name of Month) 2019, for organizing the entrepreneurship development activities by and between

MAHARASHTRA CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT, A-38, MIDC Area, Near Railway Station, Aurangabad- 431005 represented herein by its **Executive Director** (hereinafter referred as '**MCED**', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

AND

Laxminarayan Institute of Technology Rashtrasant Tukadoji maharaj Nagpur University Amravati Road, Opposite Bharat nagar Nagpur 440033, the Second Party, and represented herein by its Director, Dr. R.B. Mankar, Competent Authority / Representative, (hereinafter referred to as "Second Party", organization which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party') as

WHEREAS:

A) First Party is a Higher Educational Institution named:

MAHARASHTRA CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT

MCED &

B) Laxminarayan Institute of Technology Rashtrasant Tukadoji Maharaj Nagpur University Amravati Road, Opposite Bharat nagar Nagpur 440033 believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Entrepreneurship Based Training, Education and Research.

D) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interests.

E) Laxminarayan Institute of Technology Rashtrasant Tukadoji maharaj Nagpur University Amravati Road, Opposite Bharat nagar Nagpur 440033 the Second Party is an educational institution belonging to the people, working for the people and being administered by the people.

F) Laxminarayan Institute of Technology Rashtrasant Tukadoji Maharaj Nagpur University

Amravati Road, Opposite Bharat nagar Nagpur 440033 NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERE TO AGREE AS FOLLOWS:

CLAUSE 1 CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the **Institution** and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing entrepreneurial mindset which help student to decided entrepreneurship as a career choice keeping in mind the needs of the educational institute, the Second Party.
- 1.3 The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

CLAUSE 2 SCOPE OF THE MoU

- 2.1 The budding graduates from the institutions could play a key role in economic development of the country through establishing enterprises. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
- 2.2 **Curriculum Design:** First Party will give valuable inputs to the Second Party in designing teaching / training methodology and suitably customize the curriculum so that the students fit into the current entrepreneurial scenario meaningfully.
- 2.3 **Entrepreneurship Training & Visits:** Entrepreneurship training followed by

industry visits will give an insight in to the latest developments / requirements of startups / enterprise setup. The entrepreneurship training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to entrepreneurial career. The Second Party will provide its Labs & training halls for the hands-on training of the learners enrolled with the First Party.

- 2.4 **Research and Development:** Both Parties have agreed to carry out the joint research activities in the fields of **Entrepreneurship**.
- 2.5 **Entrepreneurship Development Programs:** First Party to conduct training programme for the students of Second Party on entrepreneurship development in order to disseminate the information and make students attitude to go for entrepreneurship as a career choice.
- 2.6 **Entrepreneurship Awareness Programme:** First Party to extend the necessary support to conduct entrepreneurship awareness programme to the students of the Second Party on emerging trends in entrepreneurship.
- 2.7 **Faculty Development Programs:** First Party to train the Faculties of Second Party for imparting training on entrepreneurship development.
- 2.8 **Udyojak Magazine:** Udyojak magazine is one of the tools for cultivating entrepreneurial culture in the society. Second party will help first party for promoting **Udyojak Magazine** at large extent to serve the motto of magazine.
- 2.9 **Post Training support to Trained Students:** First Party will help actively for starting enterprise to the students of second party in terms of Business Plan Preparation, Marketing support, financial support from financial institutions, Design Support, Support for trial production, etc.
- 2.10 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programmes on the terms specified herein
- 2.11 There is no financial commitment on the part of the **MCED**, the First Party to take up any programme mentioned in the MoU. If there is any financial consideration, it will be dealt separately.

CLAUSE 3 INTELLECTUAL PROPERTY

Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

CLAUSE 4 VALIDITY

This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period **MCED**, the First Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of **Laxminarayan Institute of Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Amravati Road, Opposite Bharat nagar Nagpur 440033**, the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU

- 4.1 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.

CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that **MCED** and **Laxminarayan Institute of Technology Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur** are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.

MCED,

First Party


Laxminarayan Institute of Technology
Rashtrasant Tukadoji Maharaj Nagpur University

Director
Laxminarayan Institute of Technology
Rashtrasant Tukadoji Maharaj Nagpur University

Second Party

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of **Aurangabad**.

AGREED:

AGREED:

For Maharashtra Centre for
Entrepreneurship Development

Authorized Signatory

For Laxminarayan Institute of Technology

Authorized Signatory
Laxminarayan Institute of Technology
Rashtrasant Tukadoji Maharaj Nagpur University



Maharashtra Centre for Entrepreneurship Development (MCED), Aurangabad	Laxminarayan Institute of Technology
A-38, MIDC Area, Near Railway Station, Aurangabad- 431005	Rashtrasant Tukadoji Maharaj Nagpur University Amravati Road, Opposite Bharat nagar Nagpur 440033
Contact Details	Phone: 9422095110,
E-mails: executivedirectormced1@gmail.com	E-mails: rajumankar@gmail.com
Web: www.mced.in	Web: www.litnagpur.in

Witness 1:

Witness 2:

Witness 3:

Witness 4:

Jitendra chouse
MCED, Nagpur

**REPORTS OF ACTIVITIES CONDUCTED
UNDER MOUS**

Report on the MoU signed between LIT, NAGPUR and CLEAN AQUATO, Nagpur

The MoU signed between LIT, NAGPUR and CLEAN AQUATO encouraged interactions between the faculty members from LIT Nagpur and experts from Clean Aquato and initiated work on the wastewater treatment. Following work was initiated which is depicted pointwise:

1. Mr. Ade from Clean Aquato visited LIT several times for the discussion of various projects on wastewater treatment.
2. These topics were discussed with Students of B.Tech and M.Tech Chemical Engineering. Based on this, projects related to removal dyes from wastewater treatment were carried out.
3. Further, in collaboration with Clean Aquato fabrication of one cavitation setup was carried out which will be used for the preparation of nanomaterials.



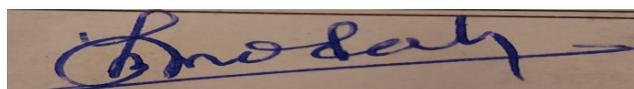
Dr. Bharat A. Bhanvase
Professor and Head, Chemical Engineering
Laxminarayan Institute of Technology, RTMNU Nagpur

MoU with Uday Creations Nagpur

MoU with Uday creations was signed on 16/10/2019 for five years to mutually benefit the industry and the students (especially Plastics and Polymer Technology) at institute in the following respect.

- a) Exchange of personnel to deliver Guest Lectures as per the rules of the respective institute, for limited periods as mutually agreed upon.
- b) Organization of joint conferences and seminars.
- c) Industrial training of LIT, NAGPUR students at Uday Creations (P) Ltd., Nagpur.
- d) Joint guidance of student projects/thesis in Plastics & Polymer Technology and other areas of national interest at LIT, NAGPUR by Uday Creations (P) Ltd., Nagpur on mutually agreeable terms.
- e) Uday Creations (P) Ltd., Nagpur would accommodate B. Tech. students who have completed the 6th semester of their programme in such a number that Uday Creations (P) Ltd., Nagpur deems convenient to it for the purpose of imparting industrial training.
- f) Uday Creations (P) Ltd., Nagpur may depute its personnel as visiting faculty at LIT, NAGPUR to teach any of the regular Course or specialized topics as Guest Faculty.
- g) Uday Creations (P) Ltd., Nagpur personnel, as well as research scholars, may also be allowed to enroll for their Ph.D./M.Tech. (Research) at LIT, NAGPUR, subject to availability of seats, research facilities and subject to their fulfilling eligibility criteria and all other academic regulations of LIT, NAGPUR. Further, Uday Creations (P) Ltd., Nagpur may request to design and teach a Course or Courses which it deems fit to enhance quality and performance of its employees. Such Courses may be run at any mutually convenient premises.
- h) Uday Creations (P) Ltd., Nagpur may seek collaboration of LIT, NAGPUR faculty member/s in product/process modification, modernization, trouble shooting, etc.
- i) Would allow the industrial visits of students for half/full day to provide them with an exposure to various equipment, instrument, etc.
- j) Uday Creations (P) Ltd., Nagpur may showcase its business activities at the seminar/workshop/conference, etc. at LIT, NAGPUR.
- k) Uday Creations (P) Ltd., Nagpur may avail library, Internet, computational facilities at LIT, NAGPUR.

However, since the COVID-19 pandemic no activity could be completed due to absence of students in campus. Since now there is possibility of resuming campus life, soon the activities will be executed. Already one session on "Success story of an Entrepreneur" is planned to conduct before 31st December 2021.



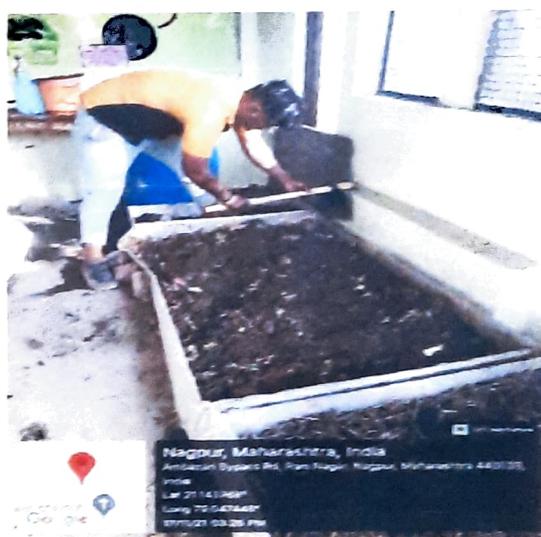
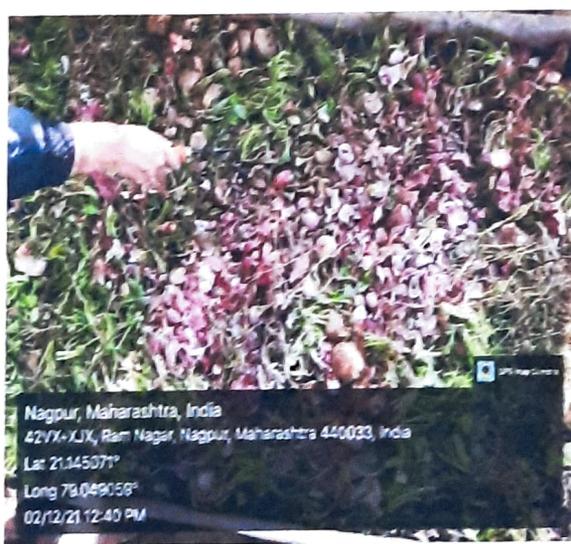
Current Status of MoU

Company Name: M/s NCS Green Earth Private Ltd. MIDC, Hingna

Date of Agreement: 05/09/2019 **Term Period:** 05 Years

M/s NCS Green Earth Private Ltd. is engaged in manufacturing of products required for solid waste management and wastewater management along with agricultural inputs as biopesticides and bio-stimulants. As per the agreement, the company has provided an opportunity to visit the plant with our students to explore the significance of green chemistry and microbial activity in development of agriculture products with sustainability. Though because of pandemic, the students visit, and research activity is very much affected from past 18 months.

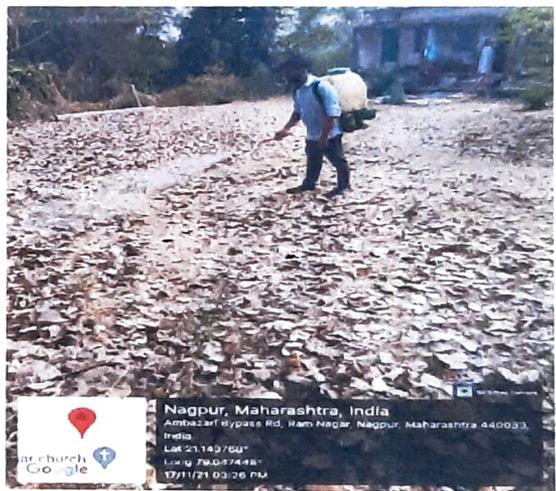
As a part of MoU, company has taken a positive initiative to start a collaborative studies for conversion of vegetable waste from hostel mess into compost using specially developed "Quik-Break" microbial solution to catalyze the rate of composting. Company has also provided the bio-composter FREE along with a 200 Liters container to store "Quick Break concentrate solution. As a counterpart, LIT has allocated a shed of around 150sq ft area to carry out the composting activities. During pandemic, the hostel mess was closed hence the vegetable waste has been procured from local vegetable market and restaurants. The protocol of spraying of Quik-break was followed under the guidance of company. The current capacity of composting is 150Kg per month under regular activity of hostel mess. Recently the first batch of 50kg compost is ready for use now. The compost sample is submitted to company for evaluation and further modifications if needed. Based on the analysis report, the same would like to be upscaled up to 200Kg of compost per month. Collaborative studies are also in pipeline to examine the quality of compost by applying it on LIT garden and monitor the growth of plants accordingly.



While visit to LIT campus by company staff it has been noticed that two third of campus area is studded with dense weeds. The basic objective of this collaborative study is to curtail the expenditure of maintenance and treat the weeds and unwanted vegetation 'on spot' by spraying the microbial solution over it. To execute this, NCS Green Earth has developed a **Weed-O-Friend** strategy to control the weeds organically and convert it into compost on spot.

To execute the plan on experimental basis, an area about (100 X 200 Sq F approx.) has been identified nearby composing chamber which is usually dense with weeds. Using brush cutter, the weeds were cutted and a heap of waste biomass was made. Subsequently, the microbial solution was sprinkled over the heap to convert into manure on spot. The conversion efficacy studies are still under progress under the guidance of LIT and NCS staff jointly.

LIT have constituted a monitoring team of students for preparing 200liter Quik break solution and monitoring the spraying on marked area in association with NCS Green Earth staff in a periodic interval of 10 days.



As a part of MoU, the company is also offering summer internship to LIT students to learn the manufacturing process of green products without use of any chemicals to inculcate the concept of sustainable development vis-a vis.



(Dr. Siddharth U. Meshram)

Coordinator, LIT



(Authorised Signatory)

NCS Green Earth Pvt Ltd

Current Status of MoU

Company Name: M/s NCSR Chemicals Private Ltd., Butibori

Date of Agreement: 05/09/2019

Term Period: 05 Years

M/S NCSR Chemicals Private Ltd. is a developing precipitated silica manufacturing company using waste rice husk ash. As per agreement, the company has provided an opportunity to visit the plant with our budding undergraduates to explore the various unit operations carrying over. Besides, the company have also permitted to avail the facilities to faculty to support batch synthesis of calcium silicate to promote consultancy services. Company is also supplying liquid sodium silicate to department of applied chemistry to support a project sanctioned under University Research Project Scheme for free of cost.

As per terms and conditions, company is always ready to organize an official visit for Students of Laxminarayan Institute of Technology to witness the production of sodium silicate and precipitated silica but owing to pandemic, students' activity is quite restricted from past one and half year.

The Director of company, Mr. Nikhil Dhote is sharing his valuable experiences with students and faculty of Institute as an honorable member of committee constituted by Institute as National Innovation for Startup Policy.

The company is showing active participation in exchanging views on possibilities of commercial production of molecular sieves and its environmental applications in near future with faculty. M/s NCSR has recently installed a new boiler at their premises. As a part of MoU, a proposal from company is in pipeline to demonstrate the Boiler Operations to the third year students in the last week of December 2021 to acquaint its utility and safety parameters while studying.



(Dr. Siddharth U. Meshram)

Coordinator LIT



(Mr. Nikhil Dhote)

Director, NCSR Chemicals Pvt Ltd.

REPORT ON
ACTIVITIES CONDUCTED UNDER MoU
WITH
VIMAL PAINTS PVT. LIMITED, NAGPUR

As per the MoU signed between the Vimal Paints Pvt. Limited, Nagpur and Laxminarayan Institute of Technology, the following activities were conducted:

1. Regular testing of the samples of the paint, solvents, resins supplied to various agencies by the Vimal Paints Pvt. Limited as a third party.
2. Vimal Paints Pvt. Limited is providing the chemicals, resins and allied products free of cost for the conduct of the practical and project work of the students studying in final year.
3. Regularly interacting with the students and faculty on the latest development in the field of paints/ coatings.
4. Final year students are regularly consulting Vimal Paints Pvt. Limited for the conduct of their project work.
5. Students are regularly visiting the Vimal Paints Pvt. Limited to understand the actual manufacturing of paints and allied products.



Dr. Pradeep G Shende
Head,
Dept. of Surface Coating Technology