

3.5.2. Number of functional MoUs with institutions, universities, industries, corporate houses etc. during the years 2023-24

Name of the institution/ industry/ corporate house with whom MoU is signed	Year of signing MoU	Duration	List the actual activities under each MOU and web -links year-wise
BARC, ACRUTI Kendra Establishment, Trombay, Mumbai, 400085	2023-24	26.04.2024 to 27.04.2027	Technology Transfer & Collaboration, Training, Visits.
Ragee Design and Consultant, RDA Complex, Priyadarshini Nagar Colony, New Rajendra Nagar, Raipur	2023-24	Open End	Technology Transfer & Collaboration, Training & Placement, Visits.
BioInnovale Lifescience Pvt. Limt. Bangalore	2023-24	Open End	Technology Transfer & Collaboration, Training & Placement, Visits.
Reacha, 177-178, Second Floor, Triveni Apartments, Jhilmil Colony, Delhi 110095	2023-24	29.08.2023 to 31.03.2024	Industrial Training, & Visits, Guest Lecturing, Placement of Trained Students.



AGREEMENT

BETWEEN

**BHABHA ATOMIC RESEARCH CENTRE, MUMBAI
MAHARASHTRA**

AND

RAIPUR INSTITUTE OF TECHNOLOGY, RAIPUR

FOR

ESTABLISHMENT OF AKRUTI KENDRA

(DAE-SOCIETAL INITIATIVE)

Year - 2024




PRINCIPAL
RAIPUR INSTITUTE OF TECHNOLOGY
CHANDRA, MANDIWAUD, RAIPUR (C.G.)

AGREEMENT BETWEEN BHABHA ATOMIC RESEARCH CENTRE (BARC), MUMBAI AND RAIPUR INSTITUTE OF TECHNOLOGY, RAIPUR, FOR SETTING UP OF 'AKRUTI KENDRA' FOR PROMOTION OF BARC SPIN OFF TECHNOLOGIES AND TO START UP IN RURAL AND URBAN SECTOR (UNDER THE FRAMEWORK OF DAE SOCIETAL INITIATIVE)

An Agreement made between the President of India, acting through and represented by the Associated Director, Knowledge Management Group, Bhabha Atomic Research Centre, Trombay, Mumbai - 400 085, Maharashtra, Department of Atomic Energy (DAE), Government of India (hereinafter called 'BARC', which expression shall include its successors-in interest and assigns), of the first part

AND

RAIPUR INSTITUTE OF TECHNOLOGY, RAIPUR, INDIA (hereinafter called **RIT, RAIPUR**, which expression shall include its successors-in interest & assigns) of the other part.

PREAMBLE

Whereas BARC is a premier multidisciplinary R&D organization under the Department of Atomic Energy, Government of India, engaged in research with the objective of generating knowledge and technique for nuclear power generation, advancement of science, use of radioisotopes in industry, health and agriculture, research in frontier areas of science and technology. Under the framework of DAE societal initiative, based on the development of Non-Power Applications (NPAs) and Spin-off technologies (Spinoffs) in medical, food preservation, waste management, other industrial and rural applications at BARC, a structured programme has been evolved for Advance Knowledge for Rural and Urban Technology Implementation (AKRUTI) for techno economic growth of rural areas, as one of the many schemes for Large-Scale Deployment of NPAs and Spinoffs. AKRUTI programme is operational in various places and surrounding villages in India. AKRUTIs operated through NGOs have demonstrated the usefulness of BARC technologies and scope for techno-premiership in rural sector. AKRUTI Kendra would encourage the interested technopreneurs to have the first-hand experience of BARC Technologies at the facility run by Academic Institutes.

RAIPUR INSTITUTE OF TECHNOLOGY
Chandrapur, Maharashtra, RAIPUR (C.G.)

Whereas RIT, RAIPUR, as a premier Institute in engineering & Technology established in the year 1995 by a group of eminent technocrats, industrialists and management professionals under the aegis of Mahanadi Education Society (MES) Raipur with the sole objective of providing quality & contemporary technical education to the aspiring students of Chhattisgarh region in particular and the nation in general with an eye on the needs and challenges of the third millennium. The Raipur Institute of Technology (RITEE) is approved by All India Council for Technical Education (AICTE) and affiliated to Chhattisgarh Swami Vivekananda University (CSVTV) Bhilai. RITEE is the first Institute of Chhattisgarh accredited as NAAC (A+) college of this region with quality professional education and over all personality development concepts. The Institute looks forward to establish itself as a premier technical education institute imparting high quality and industry relevant teaching at post graduate level to students pursuing courses of study in the areas of industrial requirements and emerging technology with strong research focus. Institute conducts various research projects relevant to the industries and having research collaboration with Rostock and FAU University Germany.

The institute is facilitated with a 120 KVA capacity generator to ensure uninterrupted power supply to conduct the routine activities. RITEE received a subsidy from Ministry of Renewable Energy to install a Photovoltaic solar power plant with capacity of 250KVA to meet the power requirement of RITEE. Whole college runs on solar clean energy. The campus is completely networked with Wi-Fi. Institute is involved in spiritual value education with CGPSSM, Raipur. With the state of art facilities the CAD/CAM and computer labs are value added assets to the institute. Institute have center of excellence for NASSCOM, ultratech. Drone pilot training and drone technical training center is established in college and having MOU with M/s Garuda Aerospace Chennai and Maruti drone Hyderabad.

This education Campus adopted lush green concepts and reduce measurable environmental impacts. The RITEE has pioneered institute in research and development of alternative fuel in the form of biodiesel by establishing a full-fledged biodiesel plant in the year 2006. The plant is situated within campus with all the state of art research and development facilities for developing commercially viable alternative fuel. The biodiesel plant is spread over area of one acre having labs, store and administrative block. This plant is one of the only four agencies authorized and



granted by Department of Science and Technology, Government of India for developing the biodiesel with the help of non edible oil-seed. RITEE is the first institute in central India which is having testing facilities of oil according to ASTM standards, project sponsored by DST, New Delhi. At biodiesel plant student gets first-hand experience of the industry.

RITEE was center of excellence for DAE technologies Display and Dissemination Facility from 2016-2021. Institute spread DAE Technologies through DTDEF in nearby areas. These technologies are helpful in resolving the problems of the villagers and useful to creates ecofriendly, eco-sustainable and good income generating source.

RIT, RAIPUR, expressed their desire to set up AKRUTI Kendra based on BARC technologies for rural sector. **RIT, RAIPUR** who showed willingness to demonstrate, deploy and adapt these technologies contained in AKRUTI Kendra to create sustainable and income generating activities villages. BARC and **RIT, RAIPUR**, agree to take **Advanced Knowledge for Rural and Urban Technology Implementation (AKRUTI)** initiative in the rural and urban sector by deployment of technologies through AKRUTI Kendra.

Whereas RIT, RAIPUR, is desirous to set up AKRUTI Kendra for deployment of technologies in Rural and urban sector in India.

Whereas RIT, RAIPUR, has requested BARC and BARC has agreed to set up AKRUTI Kendra for promotion and deployment of BARC spin off technologies in interim area and exclusively in Rural sector of India.

Now, Therefore, it is hereby agreed by and between the parties that BARC shall permit **RIT, RAIPUR**, to establish the AKRUTI Kendra and grant **RIT, RAIPUR**, a license to utilize the technologies contained in AKRUTI Kendra for the deployment exclusively in Rural sector of India on terms and conditions here in after contained.

1. This Agreement shall supersede all prior correspondence, documents or Agreements, either **RIT, RAIPUR** or verbal between BARC and **RIT, RAIPUR**, in respect of the Technologies listed in Annexure-A hereto.

2. SCOPE OF AGREEMENT

This Agreement covers the modalities, terms and conditions of demonstration

BARC, MUMBAI



RAIPUR INSTITUTE OF TECHNOLOGY
Dr. J. K. Singh, RAIPUR (C.G.)

RIT, RAIPUR

and deployment of technologies contained in AKRUTI Kendra at no cost to BARC on approval of BARC.

3. GRANT OF LICENCE

By this Agreement BARC grants a non-exclusive revocable license to **RIT, RAIPUR**, to demonstrate the BARC developed technologies for 3 years from the date this Agreement becomes effective as per the terms and conditions stipulated in this Agreement. The AKRUTI Kendra can become a legal entity after registration for continuing its activities on commercial basis.

4. RESPONSIBILITIES OF BARC AND MODE OF DEPLOYMENT

4.1 AKRUTI KENDRA TECHNOLOGY DOCUMENT (AKTD)

BARC agrees to supply the technologies for rural deployment, in the form of documents, drawings, literature and advice as detailed in the AKRUTI Kendra Technology Document (AKTD), which will be handed over to **RIT, RAIPUR**, at the time of signing of this Agreement. The composition of the 'AKTD' is given in Annexure-A.

4.2 Technical Guidance & Consultancy

RIT, RAIPUR, shall make necessary arrangements for residential accommodation, TA/DA etc. as per their entitlement for the above deputed personnel during the consultancy.

4.3 Training

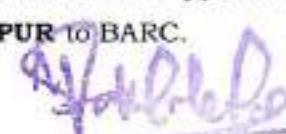
Training to instructors of AKRUTI Kendra would be by BARC on selected technologies for which the institute can make infrastructure available to provide training facility. Accommodation for the instructors deputed by the institute for training at BARC will be provided as per the availability of guest house for accommodation.

5. FINANCIAL ARRANGEMENT

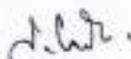
RIT, RAIPUR shall create facility using own resources, no financial support is given by BARC and no license fee to be payable by **RIT, RAIPUR** to BARC.

6.0 RESPONSIBILITIES OF ACADEMIC INSTITUTE

6.1 **RIT, RAIPUR**, is responsible for execution and co-ordination of all


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RAIPUR INSTITUTE OF TECHNOLOGY
CHHAIKOTIA, DISTRICT RAIPUR (C.G.)

BARC, MUMBAI





RIT, RAIPUR



AKRUTI activities at their end.

- 6.2 During the effective period of this Agreement, BARC reserves the right to inspect and test the technologies deployed by **RIT, RAIPUR**, and also to inspect the working places as may be felt necessary by BARC.
- 6.3 **RIT, RAIPUR**, shall obtain necessary local statutory clearances if required for any activity to be carried out under this Agreement.
- 6.4 **RIT, RAIPUR**, shall support in spreading the BARC's concept of AKRUTI Programme through villages on its own.
- 6.5 **RIT, RAIPUR**, shall also be encouraged to deploy new technologies developed by BARC for rural and societal importance on mutually agreed terms and conditions and support individuals to register as a firm or legal entity.

7. **BARC** reserves the right to revoke the license at any time by giving one month's notice to **RIT, RAIPUR**, in the event of his failure to observe or adhere to the terms specified in this Agreement and Annexure -B without any liability on the part of BARC.

8. EXERCISING AUTHORITY FOR RIT, RAIPUR

Any / all instructions or notices which are to be given to and for any / all acts authorized or required to be done under or in consequence of these conditions by BARC may be done by the nominees of Director, BARC and **RIT, RAIPUR** shall accept only instructions so given. The exercising authority for **RIT, RAIPUR** in the case of the **RIT, RAIPUR** shall be Secretary, RIT or nominee.

9. PROJECT IMPLEMENTATION AND REVIEW COMMITTEE:

9.1 PROJECT IMPLEMENTATION COMMITTEE (PIC):

A joint committee of BARC and **RIT, RAIPUR** called the Project Implementation Committee (PIC) to give policy guidance and steer the programme will consist of the following members.

- a) Smt. Bharti A. Bhalerao, AKRUTI Coordinator, BARC :Chairperson
- b) Smt. Manjusha B., Associate Professor, RIT, RAIPUR:Co-chairman

BARC, MUMBAI

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RIT, RAIPUR

RAIPUR INSTITUTE OF TECHNOLOGY
CHHATAUNA, Tehsil Chhatauna, Dist. RAIPUR (C.G.)

- c) Dr. Rajeshwar Rao, Associate Professor, RIT, RAIPUR: Member
- d) Scientific Officer (Technology) from BARC :Member
- e) Mr. Dolendra Patel, Asst. Prof from RIT, RAIPUR: Member Secretary

PIC will meet every 3 months to review, evaluate the progress of the project & send report to Chairman, PRC.

9.2 Project Review Committee (PRC):

A joint group called Project Review Committee of BARC and **RIT, RAIPUR** will review & monitor the project. It will consist of the following members:

- a) Head TT&CD, BARC :Chairman
- b) Mr. Shailendra Jain, Secretary of RIT, RAIPUR :Co-chairman
- c) Smt. Bharti A. Bhalerao, AKRUTI Coordinator, BARC : Member
- d) Smt. Manjusha B., Associate Professor, RIT, RAIPUR :Member
- e) Mr. Dolendra Patel, Asst. Prof from RIT, RAIPUR :Member Secretary

PRC will meet every 6 months to review the reports submitted by PIC.

10.NO LIABILITY CLAUSE

BARC shall not be responsible for any loss or damage whatsoever, resulting due to implementation of these technologies at the premises of the user(s) or due to testing of the same at their premises.

BARC shall not be responsible for any loss or damage to property, staff, project trainees or general public whatsoever, resulting due to the work undertaken by RIT, RAIPUR under this MoU.

11.Dispute Resolution CLAUSE

11.1 This Agreement will be construed by and governed in accordance with the laws of Republic of India. The Parties submit to exclusive jurisdiction of the courts of Mumbai, India.

All the dispute arising out of this agreement shall be settled amicably within 60 days. However, in the event of any such disputes are not settled

BARC, MUMBAI

A. Bhalerao

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[Signature]
RAIPUR INSTITUTE OF TECHNOLOGY
CHANDANA, MANJUNATH, RAIPUR (C.G.)
RIT, RAIPUR

[Signature]

amicably between the parties, the same shall be referred to a Dispute Resolution Committee constituted mutually between the parties for the purpose. The decision taken by the Committee shall be binding on both the parties and they shall abide by the decision in totality. The Parties agree that venue of such proceedings, suit, action, or proceeding arising out of or related to this Agreement will be maintained in India.

11.2 Dispute Resolution Committee may also be constituted by Director BARC.

FOR AND ON BEHALF OF
President of India
BARC, Mumbai

Signature

Name

26/04/2024

डॉ. एस. अधिकारी / Dr. S. Adhikari
सहनिदेशक, ज्ञान प्रबंधन वर्ग
Associate Director, Knowledge Management Group

Date: भारत सरकार, भामा परमाणु अनुसंधान केंद्र
Government of India, Bhabha Atomic Research Centre

Place: मुंबई, मुंबई - 400085 Trombay, Mumbai - 400085

Witness 1.

Name: Daniel Behn, Head TAC

Witness 2.

Name: Bhabha A. Bhalerao

FOR AND ON BEHALF OF
RIT, RAIPUR

Signature

Name:

Email id: shailu001@rit-raipur.com

Contact Ph: 9329256000.

Date:

Place:

Witness 1.

Name: Dr. Manish Sakhele

Witness 2.

Name: Dr. Manjusha B.



Principal

RAIPUR INSTITUTE OF TECHNOLOGY
CHHIAUDA, MANJHUSAUD, RAIPUR (C.G.)

Annexure-A

1. AKRUTI Kendra consists of following free selected Technologies with Technical Documents (AKTD):

Sr. No.	Technology
1.	Manually Operated Bamboo Cutting Tool (AB47DRHR)
2.	Foldable Solar Dryer (AB05FTD)
3.	Solar Dryer (AB14FTD)
4.	Minimally Processed RTE Apple slices (AB38FTD)
5.	Process for Long Lasting Ready- To- Eat (RTE) Intermediate Moisture (IM) Fruit Cubes (AB20FTD)
6.	Shelf stable oil free potato chips of different flavors (AB46FTD)
7.	Vibro-Thermal Disinfector (AB19FTD)

2. High Tech Consultancy Service on trial basis for villages only

On successfully deploying the taken technologies in the rural sector, the ATP holder can request for following free consultancy suitable to his region on trial basis once:

- Radiation Processing of Agri produce (Sample Quantities)
- BARC New Seeds (Sample)
- Applications of Isotope Techniques in Hydrological Investigation (preliminary exposure)

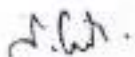
Annexure-B

TERMS AND CONDITIONS

- Designed strictly for technology deployment exclusively for AKRUTI Kendra.
- Place of activity must be close to rural and semi urban sector for providing opportunities of jobs and entrepreneurship to citizens.
- Products made in villages can be marketed in urban areas in addition to villages after becoming a commercial licensee.
- The individual / entrepreneur / industry / company establishing AKRUTI Kendra can also deploy technologies in other villages through suitable mechanism or NGOs operating in those villages with above conditions in the same format as "AKRUTI-Kendra".




PRINCIPAL
RAIPUR INSTITUTE OF TECHNOLOGY
Raipur, Chhattisgarh, India







RAIPUR INSTITUTE OF TECHNOLOGY

(Under the aegis of Mahanadi Education Society)
Approved by AICTE, New Delhi, Affiliated to CSVTU, Bhilai



MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

<<Raipur Institute of Technology>>
AND
<<Ragee Design and Consultant>>

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 11th day of June, 2024..... by and between.

<<Raipur Institute of Technology>>, the First Party represented herein by its Principal / Director / Head of Institution <<Raipur Institute of Technology>>, And <<Ragee Design and Consultant>>. The Second Party, and represented herein by its Centre Head / Director / Managing Director <Nikhil Kumar Verma Center Head>>

WHEREAS:

- A) First Party is a Higher Educational Institution named: <<Raipur Institute of Technology>>.
- B) First Party & Second Party 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 Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.
- D) <<Ragee Design and Consultant>>, - the Second Party is engaged in <<Design and Education>>.

NOW, THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

CLAUSE 1

CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

CLAUSE 2

SCOPE OF THE MoU

- 2.1 Software access and training : Second Party will provide in access and training in licensed softwares required for Civil and Mechanical engineering students like Stadd Pro, 3D MAX, REVIT, CATIA, SOLID WORKS and INVENTOR of the institute .



[Signature]
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CHHATAUNA, MANDIRHASAUD, RAIPUR (CG)

Campus: NH-6, Chhatauna, Mandir Hasaud, Raipur (CG) - 492101 Ph. 9522174000 Website: www.riteengineeringeducation.com

E-mail: principal.eng@rit.edu.in, H.O: Near Bal Ashram, Kutchery Chowk, Jail Road, Raipur 492001 Chhattisgarh, Ph. 0771- 9522292121, 4036053



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(Under the aegis of Mahanadi Education Society)
Approved by AICTE, New Delhi, Affiliated to CSVTU, Bilai



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2.2 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students. The first party may insist students to complete their vocational training with software teach by second party.

2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.

2.4 There is no financial commitment on the part of the <<Raipur Institute of Technology>>, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.

2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

CLAUSE 3 VALIDITY

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

CLAUSE 4

RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

First Party

Principal, Raipur Institute of Technology

PRINCIPAL

RAIPUR INSTITUTE OF TECHNOLOGY
CHHATAUNA, MANDIRHASAUD, RAIPUR (C.G.)

Second Party

Centre Head, Ragee Design and Consultant



Mo. : 9892952238, 9039044314
E-mail : rageedesigns@gmail.com



MEMORANDUM OF UNDERSTANDING (MOU)

FOR
TECHNOLOGY, PROJECT WORK, CONSULTANCY, EDUCATION AND
PLACEMENT (TPCEP) COOPERATION

Between

Raipur Institute of Technology (RITEE)

Chhatauna, Mandir Hasaud, Raipur, Chhattisgarh- 492101

AND

BioInnovale Lifescience Private Limited,

Smart Avenue, Unit-FO-02, 4th Floor,

28/A, 80 ft. Rd, Michael Palaya, Indira Nagar, Bengaluru, Karnataka,
560038.

Signed on

06th December 2023

By

The Principal, Raipur Institute of Technology (RITEE), Raipur

&

Director, BioInnovale Lifescience Private Limited, Bangalore



**BioInnovale
Lifescience**

achieve excellence in biotechnology

[Signature]
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RAIPUR INSTITUTE OF TECHNOLOGY
CHHATAUNA, MANDIRHASAUD, RAIPUR (C.G.)



SINCE 1995

RITEE

MEMORANDUM OF UNDERSTANDING (MoU)

FOR

*TECHNOLOGY, PROJECT WORK, CONSULTANCY, EDUCATION
AND PLACEMENT (TPCEP) COOPERATION*

Between the

Raipur Institute of Technology (RITEE),
Chhatauna, Mandir Hasaud, Sector 1, Raipur, Chhattisgarh.

And the

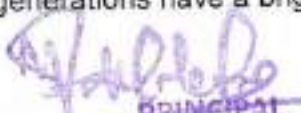
BioInnovale Lifescience (P) Ltd. Bangalore

I. PARTIES

This agreement is entered into between the **BioInnovale Lifescience (P) Ltd.** and **Department of Biotechnology, Raipur Institute of Technology, Raipur.** Both the parties share the common goal of achieving seamless application and information sharing, services, and functional areas for technology, project work, consultancy and industry oriented education and to facilitate the interoperability requirements and assessment for the growth of Biotechnology in particular and Lifescience in general.

II. PURPOSE

The purpose of this Memorandum of Understanding (MOU) is to facilitate a collaborative partnership between **BioInnovale Lifescience (P) Ltd., Bangalore** and **Raipur Institute of Technology, Raipur** that advances the scientific and technological capabilities of the Nation. It is imperative to coordinate the education efforts of these Agencies to promote a comprehensive knowledge base for addressing national challenges and to manage resources efficiently. Building on individual agency strengths and competencies, collaborative partnerships extend and strengthen the work of the Agencies to ensure future generations have a bright future.


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RAIPUR INSTITUTE OF TECHNOLOGY



III. ROLES & RESPONSIBILITIES

Each Agency agrees to conduct its respective activities in a coordinated and mutually beneficial manner.

BIOINNOVALE LIFESCIENCE PRIVATE LIMITED

1. **BioInnovale Lifescience Private limited** will provide hands on training to students on various Biotechnology and bioinformatics courses.
2. Provide Academic project and dissertation work.
3. To provide summer/winter training and internship programs.
4. Apprising the Students and Faculty of **Raipur Institute of Technology, Raipur**, in the ongoing projects of **BioInnovale Lifescience Private Limited** from time to time.
5. Provide technical support for the projects to be carried out in **Raipur Institute of Technology, Raipur**.
6. Provide or offshore projects to **Raipur Institute of Technology, Raipur** as per the capabilities.
7. To provide support for placements cell for the students as per the capabilities and skilled training for the respective proficiency and skill requirement.
8. To arrange seminar from time to time in the **Raipur Institute of Technology, Raipur** campus.
9. To provide consultancy for setting up of the Biotechnology/Lifescience academic and research labs.
10. To provide consultancy free of cost for vendor development for the purchase of instruments and machinery.
11. Emphasize the use of evaluation and research to inform improvements in educational practice and to generate knowledge to advance educational agenda.
12. Provide /facilitate for the campus recruitment process.

RAIPUR INSTITUTE OF TECHNOLOGY, RAIPUR agrees to:

1. Contribute to the development of the **TPCEP** workforce in disciplines needed to achieve common strategic goals, through a resource and potential skilled workforce.



RAIPUR INSTITUTE OF TECHNOLOGY,
CHHATAUNA, MANDIRMASARA, RAIPUR (C.G.)

2. Attract and retain students in **TPCEP** disciplines through a progression of educational opportunities for students, teachers and faculty.
3. Build strategic partnerships and linkages between **TPCEP** formal and informal education providers that promote **TPCEP** literacy and awareness of common mission.
4. Provide facility in Campus to carry out research activity

Under the Memorandum of Understanding (MoU), **Biolnnovale Lifescience Private Limited., Bangalore** and **Raipur Institute of Technology, Raipur** agree to establish a working group to develop and coordinate activities that will address, but not necessarily be limited to, the following objectives:

a. ***Synergistic Collaboration***

1. Identification, discussion, and recommendation of common strategies and relative agency roles for major science and technology education initiatives of particular relevance and creation of a science education panel.
2. Joint participation in strategic planning and the design of projects that advance **TPCEP** education.
3. Develop coordinated strategies in areas where the agencies have mutual investments to ensure education reform.

b. ***Leveraging of Resources***

1. Share resources and/or support joint efforts in the following areas: broadening participation, college and post college partnerships for students of **Raipur Institute of Technology, Raipur** integration of **TPCEP** research and education, and assessment of effectiveness and impacts of the education investment.
2. Set program priorities and allocation of resources to ensure joint alignment to achieve common goals and objectives.

c. ***Shared Knowledge and Expertise***

1. Strengthen the knowledge-base by sharing intellectual expertise:



[Signature]
RAIPUR INSTITUTE OF TECHNOLOGY
CHHATAUNA, MANDIRHASAUD, RAIPUR (C.G.)

d. **Leadership Support and Accountability**

1. The agencies agree to provide points of contact with the necessary program support to enable them to carry out the purposes and scope of the MOU, as specified by implementing agreements.

V. KEY PERSONNEL POINTS OF CONTACT (POC)

The POCs and their designees will have overall day-to-day responsibility for carrying out this collaboration. Specific collaborative projects may have their own project leads appropriately drawn and supported from their Agencies. The following individuals are designated points of contact for this MoU:

For, BioInnovale Lifescience Private Limited

Mr. DEBASISH SAHOO.

Designation: Director and Research Head

Address: Smart Avenue, unit-FO-02, 4th Floor, 28/A, 80 ft. Rd, Michael Palaya, Indira Nagar, Bengaluru, Karnataka, 560038.

PHONE (CELL): +91-797810838, +91-7842650660 (WhatsApp)

Email Address: dsbiosolutions@gmail.com
sahoodebasish3125@gmail.com

For, Raipur Institute of Technology, Raipur:

OFFICE :

PHONE :

PHONE (CELL):

Email Address:

VI. FINANCIAL OBLIGATIONS (No exchange of Funds/covered in Implementing Arrangements/Reimbursable)

This MoU is not a funding document and does not authorize the obligations or transfer of funds. Collaborative activities under this MoU will be conducted under Implementing Arrangements to be developed as specific activities are identified.



[Signature]
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CHHATAUR, RAIPUR (C.G.)

VII. LIABILITY & RISK OF LOSS

The parties agree to assume liability for their own risks associated with all activities undertaken under this MoU or related Implementing Arrangements. In particular, each party shall be responsible for any liabilities associated with use of its own facilities, equipment, and people under this MoU or related Implementing Arrangements.

VIII. INTELLECTUAL PROPERTY AND DATA RIGHTS

Unless otherwise agreed by the Agencies, data rights and right in inventions made as a consequence of, or in direct relation to, the performance of activities under this MoU by employees of an Agency or employees of an Agency's contractors or grantees will be administered according to the Agency's own standard practices. In the event that employees of the Agencies and/or employees of the Agency's contractors or grantees make an invention jointly, the Agencies shall consult and agree as to future actions toward establishment of patent protection for the invention.

IX. TERMINATION

Either Agency may terminate this MoU at any time prior to its expiration, with or without cause, and without incurring liability or obligation to the other parties, by giving at least ninety (90) calendar days' written notice to the other Agency. This MoU may be terminated immediately by mutual written agreement of the parties. The Agencies agree to review this MoU annually to determine whether it should be revised, renewed, or canceled.

X. TERM OF AGREEMENT AND AMENDMENT

This MOU will be effective when signed by **BIOINNOVALE LIFESCIENCE PRIVATE LIMITED** and **RAIPUR INSTITUTE OF TECHNOLOGY, RAIPUR** and shall remain in effect for a **5-year** term from the effective date. The MoU may be amended at any time by the mutual written consent of the Agencies.

XI. DISPUTE PROCESS

All differences between the Agencies concerning this MoU shall be submitted jointly for resolution to The Principal, Raipur Institute of Technology, Raipur for Education and the Director, BioInnovale Lifescience Private Limited.



RAIPUR INSTITUTE OF TECHNOLOGY
RAIPUR

Bangalore for Education and Human Resources and research, if not resolved by the key personnel officials listed above.

The MoU is applicable from
06th December 2023 to 05th December 2028

for a time period of 05 (Five) Years.

Signed on behalf of:

**BioInnovalle Lifescience Private
Limited**

**Raipur Institute of Technology,
Chhatauna, Mandir Hasaud,
Raipur**

**DIRECTOR
BIOINNOVALE LIFESCIENCE
PRIVATE LIMITED
BANGALORE**

**PRINCIPAL
Raipur Institute of Technology,
Raipur**

06th December 2023



Witnesses

1. *Mr. Tanushree Chatterjee*

2. **MR. VIRENDRA VAISHNAV**



**PRINCIPAL
RAIPUR INSTITUTE OF TECHNOLOGY
CHHATAUNA, MANDIRHASAUD, RAIPUR (C.G.)**



Letter of Understanding (LoU)

Between

REACHA (1st Party)

And

RAIPUR INSTITUTE OF TECHNOLOGY (2nd Party)



This Letter of Understanding (LOU) is effective from 29th August, 2023. It is entered into by and between

REACHA having its Registered Office at 177-178, 2nd Floor, Triveni Apartments, Jhilmil Colony, Delhi India 110095.

(Hereinafter referred to as 1st Party)

And

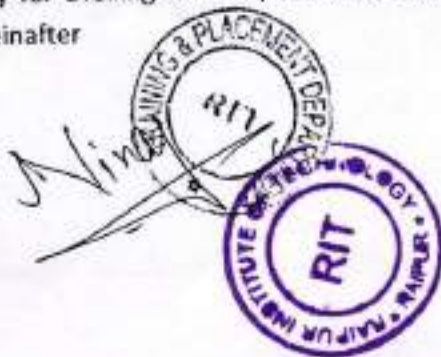
RAIPUR INSTITUTE OF TECHNOLOGY, having its Registered Office at NH-6, Chhatauna, Mandir Hasaud, Raipur (CG)-492101

(Hereinafter referred to as 2nd Party).

Together both may be referred to as "Parties"

Recitals

- I. Whereas, IBM SkillsBuild represented by its country partner for India - REACHA, is a skill building & learning digital platform where users can achieve industry relevant skills, get IBM certificates certified badges & seek employment opportunities for free. This would be applicable based on assessment by REACHA.
- II. Whereas RAIPUR INSTITUTE OF TECHNOLOGY has 8 Branches of Engineering, this is the first Engineering college of Chhattisgarh state Accredited grade A+ by NAAC. It provide skill Development and help to develop personality of students to make a path towards the successful bright future. (2nd Party) represents all the departments and affiliated colleges of the College/University/Institute.
- III. Whereas the 1st Party wants to collaborate with specialized agencies/institutions to achieve industry relevant skills required under the IBM SkillsBuild Project.
- IV. Whereas the 2nd Party has shown interest in providing desired skills required by the 1st Party for implementation of the IBM SkillsBuild Project.
- V. Whereas, at the suggestion of 2nd Party, 1st Party has agreed to collaborate with 2nd Party for availing their expertise for SkillsBuild Project for various activities as listed hereinafter



Therefore, both the parties agree to collaborate for IBM SkillsBuild Project in respect of activities and on terms and conditions given in succeeding para in this Letter of Understanding (LoU). It is reiterated that this LoU is only an expression of interest to collaborate for IBM SkillsBuild Project and neither Party shall have any rights or obligations with respect to each other besides the activities listed below in this LoU.

The IBM SkillsBuild aims to inculcate the requisite knowledge, experience, and skills amongst the students. As per the UGC Guidelines of December 2022, for Fostering Social Responsibility & Community Engagement in Higher Education Institutions (HEIs) in India, Institutions should prioritize social responsibility and community engagement in their mission and operations (refer to *Guidelines for Fostering Social Responsibility and Community Engagement in Higher Education Institutions in India 2.0*). It calls for the integration of community engagement into graduation requirements, assessments, and performance evaluations while offering suggestions for different forms of community engagement. The Guidelines further suggest forms of community engagement which may include linking learning with community service, linking research with community knowledge and knowledge sharing, and knowledge mobilization. Furthermore, as per the Guidelines for performance assessments of teachers, administrators in HEIs should include the view of their involvement and contributions to community engagement in teaching and research. Criteria of and weightage to community engagement by teachers and researchers should be explicitly included in assessments for recruitment, regularization, and promotion.

One of the major objectives of the SkillsBuild programme offered by IBM and implemented by REACHA is to facilitate colleges in achieving all of the above-desired goals.

Objectives

1. The objective of this LoU is to mutually complement both above parties' energies, outreach, and efforts to curate opportunities of collaboration, sharing of knowledge resources and jointly work on building capacities of the users through the IBM SkillsBuild Platform.
2. Both parties will enable IBM SkillsBuild for 1500 (mention no. of students) students from RAIPUR INSTITUTE OF TECHNOLOGY (name of 2nd party) with prime focus in State of Chhattisgarh. Both Parties will work together to achieve this target.
3. The identified students would be encouraged to take up and complete courses on IBM SkillsBuild by both parties mentioned. 2nd Party must ensure a minimum of 80% attendance and course completion as active learning (8-10 hours of dedicated learning under Project Based Learning Lite Model as defined by IBM SkillsBuild) per month of onboarded learners.

Duration

This LoU is valid from 29th August, 2023 up to 31st March 2024.

Operational Aspects

Both parties will work closely with their teams to leverage their student/learner base and other important stakeholders to build industry relevant skillsets & enhance employability prospects of



students/ learners by providing market-linked skills. 1st Party will facilitate the on-boarding of learners (students) on the platform with assistance and in collaboration with 2nd Party and encourage students to leverage the platform for better learning opportunities.

2nd Party must ensure a minimum of 80% attendance and course completion as active learning (8-10 hours of dedicated learning under Project Based Learning (PBL) Lite Model as defined by IBM SkillsBuild) on IBM SkillsBuild platform per user per month through participation in innovation camps and other learning activities.

2nd party shall provide the required facilitation for access to employability for students as part of the project.

2nd Party shall nominate a Single Point of Contact (SPOC)/ Volunteer faculty to act as facilitator between students and REACHA Digital Success Manager/team. The SPOC is to be provided with "Letter of Appreciation", from the 1st Party based on their performance during the programme.

2nd Party must provide the necessary infrastructure (High-Speed Internet Connectivity, projector/ screen, Mic and sound system and classroom/ auditorium) during the in-person orientation session.

2nd Party shall provide Student Volunteers for the coordination and smooth execution of the programme. These Student Volunteers are to be provided with "Letter of Appreciation", from the 1st Party based on their performance during the programme.

In order to maintain the desired level of social media outreach, each party promises to follow the guidelines for social media amplification sent as a part of the communication package as per IBM norms/approved by IBM on case-to-case basis. With respect to the social media outreach, each party will also appoint an appropriate person(s) to represent the organization.

Termination and Extension of LoU

The period of collaboration covered by this LoU shall terminate on 31st March, 2024.

In the event of non-compliance or breach of terms by any one of the parties of the obligations binding upon it, the other party may terminate the LoU with immediate effect by a simple notice in writing without assigning any reason, whatsoever.

This LoU can be extended further as per the mutual consent between the parties in writing.

Financial Aspects and Conflict of Interest

This LoU has no financial implications for the Parties with respect to each other or to any 3rd Party.

Both Parties shall ensure there is no conflict of interest during the delivery of the Project.

In case of any dispute/ differences/conflict of interest, both parties appoint Chairman, REACHA as their sole Arbitrator and his decision in the matter shall be final.

The Jurisdiction of courts shall be at New Delhi.

1st Party shall be represented by Shri Nikhil Pant, Chief Executive Officer, on behalf of REACHA, and 2nd Party shall be represented by Mr. Niraj Nikkumbh, Director of Training and Placement Department on behalf of RAIPUR INSTITUTE OF TECHNOLOGY.(2nd Party). They or their representative will sign communications and take decisions in respect of matters covered under the LoU and it will be binding on their respective organizations.



PRINCIPAL
RAIPUR INSTITUTE OF TECHNOLOGY
KUNA, MAKURHASAUD, RAIPUR (C.G.)

[Signature]



The terms and provisions in this LoU also apply to any subsequent Addendum to this LoU.

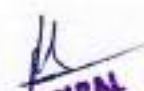
IN WITNESS WHEREOF, the parties hereto have executed this LoU on the day 29th August, 2023.



Mr. Niraj Nikkumbh
Director of Training & Placement
RAIPUR INSTITUTE OF TECHNOLOGY
NH-6, Chhatauna, Mandir Hasaud,
Raipur-492101, Chhattisgarh-India



Nikhil Pant
Chief Executive Officer
(REACHA)
177-178, 2nd Floor, Triveni
Apartments, Jhilmil Colony,
Delhi, India- 110095



PRINCIPAL
RAIPUR INSTITUTE OF TECHNOLOGY
C. A. R. U. S. A. (RAIPUR INSTITUTE OF TECHNOLOGY, RAIPUR (C.G.))