

# **MEMORANDUM OF** **UNDERSTANDING**



**BETWEEN**  
**SCHOOL OF BIOLOGICAL AND CHEMICAL SCIENCES**  
**MATS UNIVERSITY, RAIPUR(CG)**

**AND**

**SHRM BIOTECHNOLOGIES PVT LTD**  
**(SHRM),**  
**KOLKATA(WB).**

**2015**

## PREAMBLE

Whereas, MATS University, Raipur at its various Schools offering Graduate & Post Graduate Programmes is charged with responsibility of training Technical Scientific and Professional 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.

MATS School of Biological and Chemical Sciences was established with a vision to create technocrats in the applied branches of Biological and Chemical Sciences to convey updated scientific knowledge. The performances of the students are constantly monitored by continuous assessment. The School believes in supplementing academic input of students with the help of regular Seminar, Guest Lectures, Industrial/Research Institute visits and encouraging the students to participate in National & International Seminars, Conferences and Workshops.

We strive so as to improve the expertise of the faculties too, through upgradation of knowledge, participation in short term training programs, Seminars, Workshops, Conferences and Publications of research papers and books etc. The department is set up with well-equipped modern labs like Biotechnology, Microbiology, Biochemistry, Chemistry, Tissue Culture, Animal & Plant Sciences and AC class-rooms. These facilities allow the students along with the research scientists to access state of the art equipments for their sample analysis and sorting.

**SHRM BIOTECHNOLOGIES PVT LTD (SHRM)** - is one of the very few companies in India and the Eastern Region having multidimensional strengths and capabilities to provide organized & comprehensive services in the field of Biopharmaceuticals & Biotechnology. SHRM BIOTECH INSTITUTE is a unit of SHRM, based in Kolkata, is one of the best biotech institutes which have multi dimensional facilities which started with a vision to make the bridge between the industry and academia by understanding the

needs of the industry and potential of educational institutes and to be the leading service provider in all areas of industrial and academic biotechnology in Kolkata and in India with a knowledge-based approach and personalized customer service. Realizing biotechnology as one of the greatest intellectual enterprises of humankind, to provide the impetus that fulfills this potential of understanding life processes and utilizing them to the advantage of humanity.

WHEREAS, SHRM Biotech Institute started up as Biotech services & training company in Eastern Region with the objective of preparing professionals with the right mind set and skill set to leverage the potential of Biotechnology through high quality, intensive practical oriented training programmes in several specialized streams. With an unparalleled dedication to quality, we facilitate our student's priorities, plan, and implement the right technology solutions to meet their needs, all the way from discovery to product launch.

**The Main objectives of the SHRM BIOTECHNOLOGIES PVT LTD (SHRM) are as follows;**

1. To identify areas in which Science and Technology can be utilised for achieving the socio-economic development of the State, and in particular, for tackling the problems of backwardness, unemployment and poverty in the rural areas and the under-privileged sections of society, such as Scheduled Castes, Scheduled Tribes, Landless Labour, Artisans, Small and Marginal Farmers and Women.
2. To initiate, support, promote and co-ordinate such research and development projects, and programmes (including demonstration projects) as are likely to be relevant to the achievement of specific objectives and problems and help in the fruitful exploitation of the natural resources of the State through various institutions and organisations of the State.
3. To establish or assist for the establishment of infrastructure (Institution, Organisations, etc) necessary for Science and Technology development efforts of the State.

4. To advise Government on policies and measures necessary to promote utilisation of Science and Technology for the achievement of the said socio-economic development objectives.
5. To set up and administer documentation centre and /or laboratories.
6. To prepare or assist in the preparation of Science and Technology plans and formulate research and development programmes, approve such programmes if received from other institutions and finance and/or aid such projects by means of grants, loans, supply of material, provision of experts etc.
7. To promote the Popularisation of Science and the spread of a scientific temper and attitude amongst the people of the State and to disseminate scientific knowledge by means of pamphlets, journals, films etc. and to organise seminars and conferences to promote Science and Technology.
8. To supplement the activities of the State Government in the field of Science and Technology.
9. To interact with State Councils and national Science and Technology bodies with similar, or related objectives.
10. To take any other steps which are relevant to the application of Science and Technology to the problems of the State and to promote education in Science and Technology.
11. To institute prizes and awards for meritorious research and development work in Science and Technology, and
12. Generally to take all such measures with the approval of the Council as are likely to accelerate the process of modernization in Chhattisgarh through the use of Science and Technology.

WHEREAS, both School of Biological and Chemical Sciences, MATS University, Raipur and **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** now recognizing the importance of research and development in the areas of Biological and Chemical Sciences specially in the field of Biotechnology, Microbiology, Biochemistry, Bioscience and Chemistry also.

Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to Biotechnology, Microbiology, Biochemistry, Bioscience and 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 Biotechnology, Microbiology, Biochemistry, Bioscience and Chemistry for the Research Programme.

NOW, THEREFORE, in consideration of the mutual promises made herein, the receipt and sufficiency of which both School of Biological and Chemical Sciences, MATS University, Raipur and **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** hereby acknowledge, School of Biological and Chemical Sciences, MATS University, Raipur and **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** agree to sign a memorandum of understanding (MOU).

#### **ARTICLE-I:**

##### ***Scope of the MOU***

1. Nothing in this MOU shall be given effect to or bind the signatories contrary to or beyond the provisions of CG act no 29 of 2006, or the statutes and ordinances framed there in by or for MATS University or rules, regulations or directions of state government, PURC UGC or any other regulatory body having authority in MATS University. This MOU details the modalities and general conditions regarding collaboration between School of Biological and Chemical Sciences, MATS University, Raipur and **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** for enhancing, within the country, the availability of highly qualified manpower in the fields of Biotechnology, Microbiology, Biochemistry, Bioscience and Chemistry for the Research Programme without any prejudice to prevailing rules and regulations in School of Biological and Chemical Sciences, MATS University, Raipur and **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** 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 MATS University and **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA**. The areas of cooperation can be extended through mutual consent.



## **ARTICLE-II:**

### ***Scope and Terms of Interactions***

Both MATS University and **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** shall encourage interactions between the Scientists, Research fellows, faculty members and students of both the organizations through the following arrangements:

- 2.1 Exchange of personnel through deputation as per the rules of the respective institute, for limited periods as mutually agreed upon;
- 2.2 Organization of joint conferences, workshops and seminars.
- 2.3 Practical training and Research Work of MATS University students, Research Scholars at **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA**;
- 2.4 Joint guidance of student projects/thesis in Biological and Chemical Sciences and other areas of national interest at MATS University by **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** on mutually agreeable terms.
- 2.5 **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** may depute its eligible personnel as per the norms of concerned regulatory bodies as visiting faculty at MATS University to teach any of the regular Course or specialized topics.
- 2.6 **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** would accommodate students of School of Biological and Chemical Sciences, MATS University, Raipur in such a number that **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** deems convenient to it for the purpose of imparting industrial training.
- 2.7 **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** personnel, as well as research scholars, may also be allowed to enrol them for pursuing Ph.D., M.Phil, & PG Programmes at School of Biological and Chemical Sciences, MATS University, subject to availability of seats, research facilities and subject to their fulfilling eligibility criteria and all other academic regulations of MATS University. Further, **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** may request to teach a Course or Courses which it deems fit to

enhance quality and performance of its employees for their development of the career. Such Courses may be run at any mutually convenient premises.

- 2.8 **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** may seek assistance/guidance of School of Biological and Chemical Sciences, MATS University faculty member/s in product/process modification, modernization, trouble shooting, etc.
- 2.9 **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** would allow the industrial visits of students for half/full day to provide them with an exposure to various equipment, instrument, etc.
- 2.10 **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** may showcase its research activities at the seminar / workshop / conference, etc. at MATS University.
- 2.11 Post -graduate student will be allotted a Research supervisor from MATS University faculty members. A Research Scientist / Guide at **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** may be appointed as a Co-research guide as per the rules of the respective institute for a student Registered for Ph.D / M.Phil, and PG Programmes (Regular or Research) degree at MATS University. The student shall be encouraged to take up the project such that **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** desirably benefits from its outcome and is beneficial for the career growth of the concerned student.
- 2.12 The students will carry out part of their Ph.D. research work or projects of other programmes at MATS University and **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** depending on the nature of the work as per rules of the respective institute depending on facilities and requirements.
- 2.13 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.
- 2.14 Both School of Biological and Chemical Sciences, MATS University, Raipur and **SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** will be free to independently carry out follow-up research on the thesis work conducted under this scheme.

**ARTICLE-III:**

***The Agreement***

- 3.1 At School of Biological and Chemical Sciences, MATS University, this MOU will be administered by **Head, School of Biological and Chemical Sciences, Raipur.** At

**SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA** this MOU will be administered by **THE MANAGING DIRECTOR, SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA**.

3.2 This MOU may also involve parties by mutual consent, which may be added later by written addendum to this MOU.

3.3 The parties may enter into specific written agreements under authority of this MOU to clarify and define the nature, extent and terms of operation for the proposed collaborations, including intellectual property ownership and funding issues.

**ARTICLE-IV:**

***General Terms***

4.1 This MOU is not intended to, and does not create any right, benefit, or trust responsibility, substantive or procedural, enforceable at law or equity, by either party, its officers, employees, or agents against the other party, its officers, employees, or agents.


4.2 Nothing in this MOU obligates either party to commit or transfer any funds, assets, or other resources in support of projects or activities between the parties unless expressly stated in this agreement.

4.3 This MOU does not involve any financial commitment or expenditure on part of signatories and/or beneficiaries (Researchers/Students).

4.4 The terms of this MOU can be amended / MOU can be rescinded by either of the two signatories on 3 months prior notice to the other party of its intention to do so.

<b>MOU &amp; TIE- UP BETWEEN</b>	
<b>Organization</b>	<b>Research Centre</b>
<b>SCHOOL OF BIOLOGICAL AND CHEMICAL SCIENCES, MATS UNIVERSITY, RAIPUR</b>	<b>SHRM BIOTECHNOLOGIES PVT LTD (SHRM), KOLKATA</b>



<p><b>Organization</b></p> <p>SCHOOL OF BIOLOGICAL AND CHEMICAL SCIENCES, MATS UNIVERSITY, RAIPUR</p>	<p><b>Research Centre</b></p> <p>MANAGING DIRECTOR SHRM BIOTECHNOLOGIES PVT LTD (SHRM) KOLKATA</p>
<p><i>Dr. Amit K. Sults</i></p> <p>SIGNED BY</p>	<p><i>Kunal Bhosa.</i></p> <p>SIGNED BY</p>
<p><i>Amit S</i></p> <p>SIGNATURE School of Biological and Chemical Sciences Mats University, RAIPUR (C.G.)</p>	<p><i>Kunal</i></p> <p>SIGNATURE</p>
<p>16 OCT 2015</p> <p>DATE</p>	<p>16 OCT 2015</p> <p>DATE</p>
<p>OFFICIAL STAMP</p> 	<p>OFFICIAL STAMP</p> 