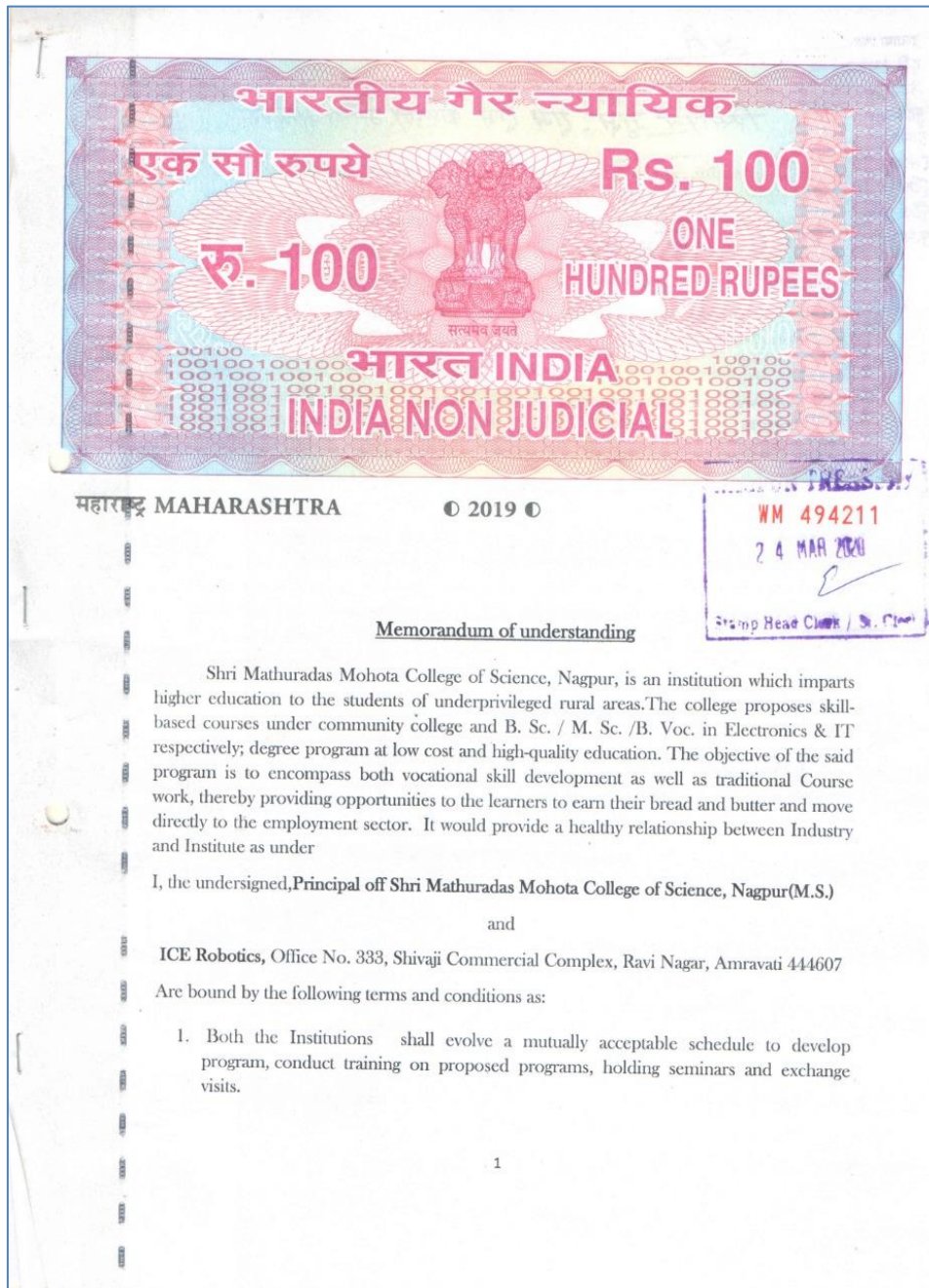


3.5.2. e-Copies of the MoUs with institution/ industry /corporate houses

1. MoU with ICE Robotics, Amravati, Maharashtra



Cont. pg.01..

2. The **ICE Robotics, Amravati** as far as possible, will provide an Internship, Project based training and opportunity to recruit the students from Shri Mathuradas Mohota College of Science (community college) on temporary basis as per demand and need.
3. The college will provide necessary skill and education as per demand of **ICE Robotics** and also help in designing the curriculum in concerned with the Board of Studies.
4. The **ICE Robotics** shall visit the community college time to time and also provide teaching faculty as well as webinar, workshop, conference assistance whenever needed.
5. The constitution of the coordination committee will be to monitor and revive all activities under the MoU the between the two Institutions a) Principal of Shri Mathuradas College of Science, Nagpur & b) **ICE Robotics**.
6. Shri Mathuradas Mohota College of Science, Nagpur shall continue to contact with the **Mr Jayant Deo & Mr Md. Athar** and remain updated about their requirement and standard.
7. The MoU Shall remain in force for a period of five (5) years from the date of its signature and seal, and may be terminated by either side by giving asix (6) month notice to that effect in writing. However, notwithstanding the notice of the intent to terminate the memorandum, all rights, obligations and corresponding duties and subsisting therein shall be respected and mandated till the finalization and accomplishment thereof.



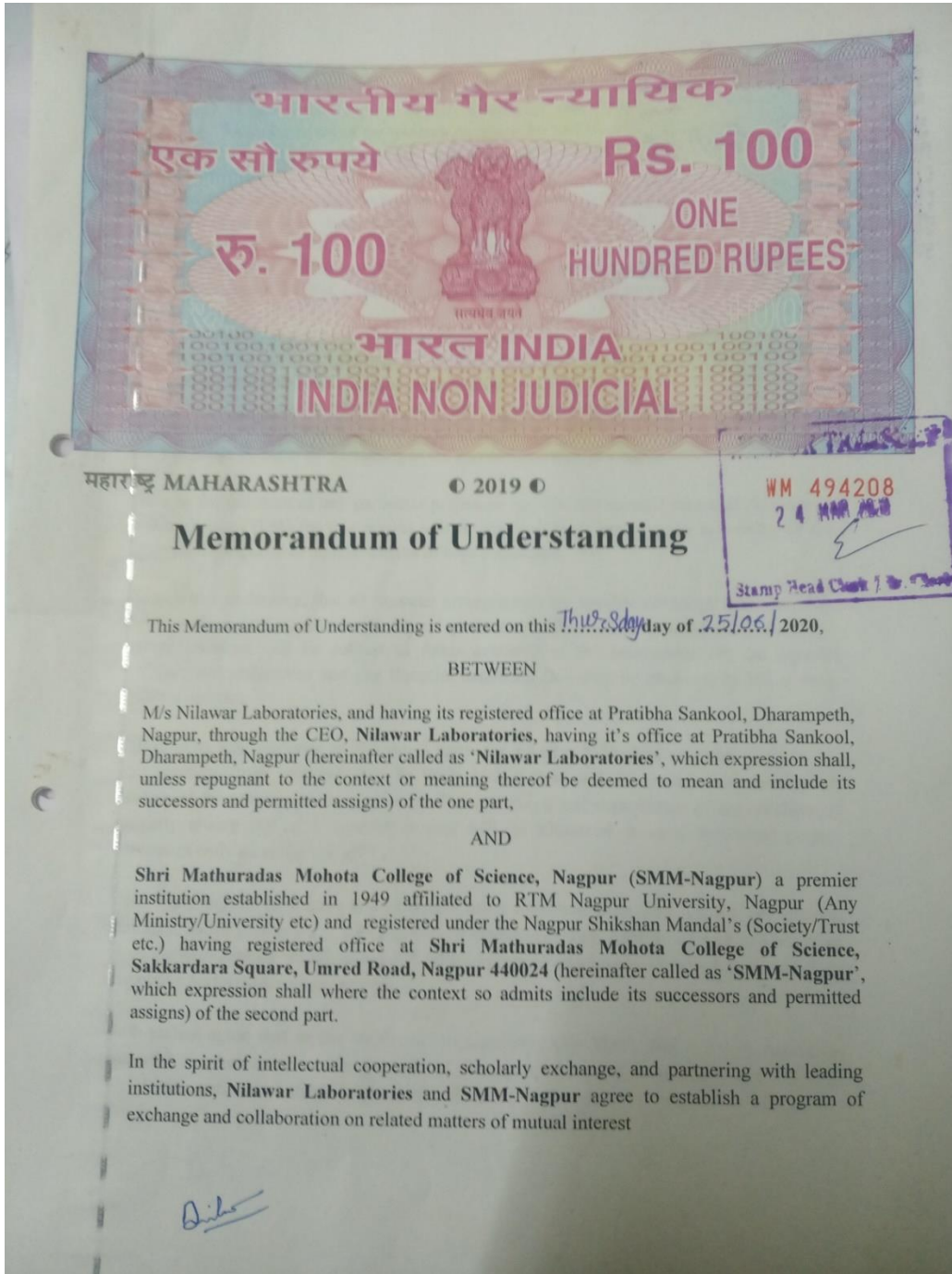
Jivan
Dr. Jivan Dontulwar
(Name, Signature & Seal)
Principal,
Shri Mathuradas Mohota College of Science,
Nagpur (M.S.)

for *Mr. Md. Athar*
Director
ICE Robotics
Amravati
Hemant Balluch
M. Director

M. Meshram
Witness
1. Dr. N. D. Meshram
2. *Dr Rina Saha*
Rina
5/8/20

Witness
2. *R. J. Kulkarni*
R. J. Kulkarni
9822736091

2. Nilawar Laboratories, Nagpur, Maharashtra



The purpose of the cooperation is to promote collaborative research and to facilitate the exchange of ideas, development of new knowledge and enhance high quality research acumen. The major thrust of the research on which the parties will cooperate is environment related studies, including water, soil and air analysis; microbiology, and mineral and ore studies. The modes of co-operation will include:

- a. Exchange of faculty and students for the purpose of research and teaching;
 - b. Development and implementation of cooperative research projects, professional development programs, and capacity-building efforts;
 - c. Dissemination of findings through scholarly publication, white papers, and in the media;
 - d. Jointly protect, exploit, commercialize and deploy intellectual property developed jointly.
2. To achieve the goals of this cooperation, both parties will
 - a) Promote institutional exchange by inviting faculty and student researchers of the partner institution to participate in appropriate research activities;
 - b) Organize symposia, conferences, and meetings on timely research issues;
 - c) Develop and carry out joint research programs; and
 - d) Exchange information pertaining to the agreed-upon research areas.
 3. Prior to the initiation of any particular project or activity, the specific terms of cooperation and exchange (TOR) for that project will be discussed and agreed upon in writing by the appropriate responsible representatives of both institutions.
 4. Both parties understand that all financial arrangements for specific exchange activities must be mutually agreed upon and will depend on the availability of funds. In addition, the scope of the activities will be subject to funds available at the institutions for the type of collaboration undertaken and any financial assistance that may be obtained by either from external sources.
 5. Either party may propose to the other party for specific individual research projects for collaboration. Such proposal may be made at any time and the parties will develop an agreement for each agreed-upon project. The protection and exploitation of any intellectual property arising out of a research project will be addressed in each individual project agreement early on and ongoing.
 6. Each Party agrees to release and hold the other harmless from and against any claims, damages, liability or costs, to the extent such claims damages, liability or costs do not arise from the negligent or wilful acts or any of its agents or employees in connection with their respective performance under this MoU.
 7. Both parties agree that in the course of implementing this MoU, they will not engage in unlawful discrimination on the grounds of race, gender, sexual orientation, age, religion, social class, national or ethnic origin or disability.

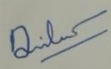
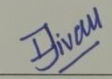

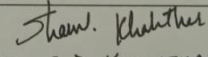
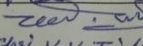

Dillo

Amendments to this MoU may be made at any time after consultation and agreement between the two institutions. Any such amendment must be in writing and signed by both parties.

9. This MoU will remain in force for a period of 5 (five) years from the date it is fully executed. The MoU can also be suitably modified, as agreed to by both the parties, to reflect an increased scope, nature of engagement /activities including financial commitments, if any. Prior to the expiration date, the MoU may be reviewed for possible renewal for a further 5 years period. In addition, either party may terminate the MoU in advance of its normal expiration by providing the other with six months' prior written notice. However, for early termination of MoU, all the ongoing activities will continue till completion of commitments and obligations of the activity.

10. This MoU has been executed in two originals; one of these has been retained by Nilawar Laboratories, Nagpur and the other by SMM -Nagpur.

SO, AGREED:

For and on behalf of M/s Nilawar Laboratories	For and on behalf of SMM -Nagpur
	
Signature: _____	Signature: _____
Name: Dhanmendra	Name: _____
Designation: CEO	Designation: _____
Witness: (Name and Address)	Witness: (Name and Address)
1.  Shri K.S. Wadke, S.M.M. College of Sci., Nagpur	 Ms. S. D. KHALATKAR S.M.M. COLLEGE OF SCIENCE, NAGPUR
2.  Shri V.V. Tidke, S.M.M. College, Nagpur	 Mr. S.G. Tammewar, S.M.M. College

3. MoU with CSIR-IGIB, Delhi (Signed in 2019 and valid for 3 years)

MEMORANDUM OF UNDERSTANDING

BETWEEN

**Shri Mathuradas Mohota College of Science,
Nagpur, Maharashtra**

AND

CSIR-Institute of Genomics & Integrative Biology

CSIR, DELHI

REGARDING

COLLABORATIVE RESEARCH

**MEMORANDUM OF UNDERSTANDING
BETWEEN**

**Shri Mathuradas Mohota College of Science, NAGPUR
AND
CSIR -Institute of Genomics & Integrative Biology, DELHI
FOR
COLLABORATIVE RESEARCH**

Shri Mathuradas Mohota College of Science, Nagpur will be hereinafter referred to as **SMMCS** and the CSIR Institute of Genomics & Integrative Biology, Delhi, a laboratory of Council of Scientific and Industrial Research as **CSIR-IGIB**.

This **MOU** sets down the mutually agreed broad framework for joint research and academic activities in various fields of interest. It also incorporates the modalities for collaboration.

1. **PREAMBLE:**

- 1.1 **SMMCS** is one of the leading educational institutions in Nagpur run by Nagpur Shikshan Mandal, Nagpur. **SMMCS** is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur since 1967-68 offering courses at under-graduate, post-graduate level and is also a recognized centre for PhD programmes in Chemistry and Physics. **SMMCS** has sufficient infrastructure, experienced faculty with different specializations, supportive management and facilities for conducting research, training programmes, etc.
- 1.2 **CSIR-IGIB** is one of the premier research laboratories of the CSIR, with an extensive array of sophisticated equipment and highly qualified staff, carrying out advanced research in biochemical technology and genomic including various aspects of molecular medicine.
- 1.3 The activities of **SMMCS** and **CSIR-IGIB** are in several ways complementary. It is therefore felt that initiating collaborative research programmes would be of considerable mutual benefit.

2. **PURPOSE:**

SMMCS desires to implement, in the areas of mutual interest, cooperative and collaborative activities, which would address multidisciplinary scientific, technological and educational problems of relevance to the country. This is facilitated by the instrument of this **MOU** as follows:

ARTICLE - 1

Consistent with the goals and purpose of the collaboration, **SMMCS** and **CSIR-IGIB** propose to initiate joint multidisciplinary research, to begin with in the area given below:

- i. Collaborative research in area of application of genomics in various aspects basic and applied research in the biological and allied sciences like genetic diseases and genetic traits.
- ii. To build collaborative programmes in genomics and other applied sciences for training of faculty members and students to the most advanced levels.
- iii. To have collaborations with aim of addressing various genetic diseases and traits prevalent in and around Nagpur and other parts of Vidarbha regions using applications of genomics and other allied sciences.

Other projects would be taken up to include other areas as mutually agreed upon involving faculty, research scholars and students from different departments/divisions of both the Institutes.

ARTICLE - 2

- a) The faculty and staff of **SMMCS** and **CSIR-IGIB** will hold regular meetings on problems of mutual interest.
- b) The faculty and research scholars of **SMMCS** and **CSIR-IGIB** will have access to the facilities of both Institutes, subject to their respective rules and regulations.
- c) The faculty and staff of **SMMCS** and **CSIR-IGIB** will jointly apply to the funding agencies for financial support for the collaborative research and academic programmes undertaken under this MoU.
- d) The faculty and staff will jointly report progress and accomplishment annually.

ARTICLE - 3

Provision is hereby made for:

- a) The exchange of Faculty, research scholars, staff and students between the two institutes.
- b) The joint organization of Symposia, Seminars, Workshops and Lectures; and mutual sharing of data on collaborative projects.
- c) No formal day-to-day permission will be necessary for the faculty, research scholars, staff and students of the two institutes to work in the laboratories of other institute in connection with the research work/ projects approved jointly by the faculty members of the respective departments of **SMMCS** and **CSIR-IGIB**.

ARTICLE - 4

INTELLECTUAL PROPERTY:

- a) Important research findings arising out of the activities covered under this **MOU** may be published in/presented at national and international Journals/Conferences jointly with the mutual consent of collaborators.
- b) Knowledge developed, which can result in commercial exploitation would be IPR protected and filed jointly by both the institutes. The expenses involved in protecting the IPR shall be shared equally. However, if one of the institute decides not to share the expenses for protecting IPR, then it should assign its rights to the other institute to enable the other institute to file for IPR protection.
- c) Neither party shall reveal intellectual property belonging to the other to any third party without the prior written concurrence of the other party.
- d) Any returns arising of commercialization of the Intellectual Property generated out of the programmes undertaken under this MoU, will be shared in proportion to be decided mutually by both the parties, on case-to-case basis and through exchange of letters.
- e) Both parties shall abide by the Government Rules as applicable time-to-time.

ARTICLE - 5

NON-EXCLUSIVITY OF THE MOU

Notwithstanding anything contained in the provisions excepting Article - 4 of the **MOU**, either party or both parties together have the unrestricted right to seek additional funds for and/or to cooperate with any agency/institute for any of the projects covered by the **MOU**.

ARTICLE - 6

Any article of the **MOU** may be modified or changed by mutual agreement of the parties hereto in writing. The modifications/changes shall be effective from the date on which they are modified/extended unless otherwise agreed to.

ARTICLE - 7

All disagreements/differences of opinion/disputes regarding the interpretation of the provisions of this **MOU** shall be resolved by mutual consultation by the signatories. However, in case the dispute persists, the matter shall be referred to and finally resolved by arbitration to be conducted by the sole arbitrator to be nominated by Director General, CSIR such that the nominated arbitrator is mutually acceptable to both parties. The award of the arbitrator shall be final and binding on the parties. The arbitration proceedings will be conducted in accordance with the Indian Arbitration & Conciliation Act, 1996. The place of arbitration shall be New Delhi. This MoU shall be governed by and construed in accordance with Indian laws.

ARTICLE - 8

GOVERNING LAW:

All research activities undertaken jointly by SMMCS and CSIR-IGIB under this MOU will be governed by the Laws of the Republic of India.

ARTICLE -9

The tenure of the MOU shall be for three years from the date of signing the MOU. Unless opted otherwise by either of the signatory parties to this MOU, the tenure shall be renewed automatically for another three years from the date of expiry of the first tenure.

In witness whereof the undersigned, duly authorized thereto, have signed this MOU on this day, 12-06-2019

Dr. S. G. Charalwar
Principal,
Shri Mathuradas Mohota
College of Science,
Nagpur, Maharashtra,
India **Principal**
S.M.M. College of Science, Nagpur



Witness :

1. Mrs. R. S. Saha
Coordinator
IQAC
S. M. Mohota Sci. College Nagpur

2. Dr. Nikhil V. Palande
Assistant Professor
Department of Zoology
S. M. Mohota College of Science
Nagpur.

DIRECTOR
CSIR-IGIB, Delhi

निदेशक / Director
जीव आनुवंशिकी और समेकित जीव विज्ञान संस्थान
CSIR-Institute of Genomics & Integrative Biology
(OFFICIAL/SEAL) प्लॉट-110007 / Mall Road, Delhi-110007

Witness :

1. (Rajesh Kumar)

2. (CSIR-IGIB)



Jivaw
Principal
S.M.M. College of Science
Nagpur