

MEMORANDUM OF UNDERSTANDING (MOU)

Between



**Dr. Babasaheb Ambedkar Technological University
(Maharashtra) India**

and



**National Institute of Electronics & Information Technology (NIELIT)
Aurangabad**



MEMORANDUM OF UNDERSTANDING

BY AND BETWEEN

National Institute of Electronics & Information Technology, an Autonomous Scientific Society under Ministry of Electronics & Information Technology (MeitY), Government of India, hereinafter called NIELIT, which expression shall, where the context so admits, be deemed to include its successors, executors and administrators of the ONE PART,

And

Dr. Babasaheb Ambedkar Technological University, Vidyavihar, Lonere, Dist. Raigad - 402 103, (MS) here in after called Dr. BATU, which expression shall, where the context so admits, be deemed to include its successors, executors and administrators, of the SECOND PART,

WHEREAS, NIELIT, offers, inter alia, various Training Programmes in the field of IECT to equip the students with necessary knowledge of the industry practices and skills to be fruitfully employed besides providing exposure to live projects and hands-on practical training.

WHEREAS, in the spirit of the MoU signed by NIELIT with All India Council of Technical Education (AICTE) under AICTE's Employability Enhancement Training Program (EETP) to provide competency based employability enhancement skills to the students of AICTE funded institutions through NIELIT's own 40⁺ Centres across the country, NIELIT had proposed vide letter No. **NIELIT-A/ED/2018/104** dated **5th June 2018** to develop and offer a bouquet of courses to students of Dr. BATU and its affiliated colleges/institutes for under graduates to give them practical exposure and access to high standards of industry oriented training expertise of NIELIT.

WHEREAS both parties have held discussions and agreed that NIELIT will impart the requisite training and award credits for the training conducted on its own, to the registered students of Dr. BATU campus & affiliated colleges/institutes.

Therefore, both parties wish to conclude this Memorandum of Understanding (hereafter called "MoU") to co-operate on the activities set forth in this MoU on 15/06/2018 for the period of **three years** which may be extended with the mutual consent of both parties.

A) The Objective

The objective of this MoU is Employability Enhancement of the students covered under the programme and to set forth the modus operandi to provide Training in the field of IECT and all related areas by NIELIT to students of Dr. BATU affiliated colleges / institutes under following categories:

- a) **Semester / Industrial Training Programmes of 5-6 Months duration**
- b) **Summer Training Programmes of 6-8 weeks duration**

The aim of the programme is to equip the students with necessary knowledge of the key industry practices and skills to be fruitfully employed besides providing exposure to live projects and hands-on practical training



B) TERMS

1. NIELIT agrees to take students of Dr. BATU and its affiliated colleges/institutes for admissions through its campus at Aurangabad to its Scheduled Semester/Industrial and Summer Training Programmers or any other training programme as deemed fit, in the best interest of students, mutually decided with DR. BATU specially customized for Dr. BATU incorporating NIELIT's trademark structured as follows:

A. Some Semester Training Programmes

i. Semester Training IT (Computer Science) Programme (5-6 months)

- a) **Core concepts:** Cyber Security and Digital Forensics, Object Oriented Databases, Turing machine and Von Neumann Architecture, Memory, Data structures, Process Layers Beneath the program, Software Engineering Project Management, Norms, Protocol, Digital Image Processing, Operating Systems, Artificial Intelligence, Machine Learning, Robotics process Automation.
- b) Soft Skills business Communication, Government procurement practices, GeM, e-Waste management, Legal aspects, IPR, IT Act, International norms.
- c) **Specialization in one area** of technology such as Web Designing (HTML5_Java Script), PHP with MySQL, CMS, Cloud Computing, Big data, Mobile Application Development using Android, ASP.Net with VB/C# etc.
- d) **Aptitude preparation module** to prepare the students for competitive exams.

ii) Semester Training Electronics programs (5-6 months)

- a) **Core Concepts:** Internet of Thing (IoT), Semiconductor Electronics, Industrial Automation, Analog and Digital Electronics Concepts, Electronics Circuits and devices, Printed Circuits Boards, VLSI Design, Power Electronics, 3D Printing, Additive Manufacturing, CAD/CAM, CNC machines, Opto-Electronics.
- b) Soft Skills and Business Communication, Government Procurement Practices, Legal Aspects- IPR, IT act International norms.
- c) **Specialization in one area** of Technology such as Internet of things, Embedded System Design, AVR/8051/PIC/ARM/Programming with Arduino, Raspberry Pi with Python, Printed Circuit Boards, SCADA, LabView, MATLAB etc.
- d) **Aptitude preparation module** to prepare the student for competitive exams.

B. Summer Training Programmes (6/8 weeks)

Short Duration Programmes in students chosen field/Languages/Technology with exposure to live projects being undertaken by NIELIT Centers. All the courses mentioned in the MoU signed with AICTE by NIELIT, will also be part of this MoU.

2. Dr. BATU may inform to all its affiliated collages/Institutes about semester/ summer training programmes available at NIELIT for internship/training.



3. **Fee Structure:** The Fee will be applicable at respective campuses of NIELIT agrees to offer a special discount of 10% on the applicable fee to the students under the Ambit of this MoU.

4. **Delivery mode**

- i. Concerned NIELIT Centre will announce the Schedule of the Skill training modules for calendar year.
- ii. The various programmes on different topics under the MoU will consist of Theory and Hands-on Training Sessions supplemented with structured academic contents.
- iii. Practical sessions shall be held in *flexi-mode* that shall expose the students to various IECT equipments in terms of their operations.

5. **Locations:** The Training would be imparted at NIELIT Aurangabad co-located within the premises of Dr. BAMU (Dr Babasaheb Ambedkar Marathwada University) in both residential and non-residential modes.

6. DR. BATU will nominate one coordinator (Dr. S.L. Nalbalwar) for all programmes being offered by NIELIT for its affiliated colleges who shall be the single point of contact for the same.

7. NIELIT Aurangabad will nominate one coordinate for all programmes on behalf of NIELIT.

8. NIELIT shall be responsible for:

- i. Enrolment of the students
- ii. Conduct of Training
- iii. Assessment & Certification
- iv. Infrastructure/modalities related to the conduct of the courses.

9. Dr. BATU will display the information related to the programs on its website

10. **Attendance:** Assessment and certification of only those candidates will be done, who have attended a minimum of 75% in the program.

11. **Assessment and Certification:** The Assessment will be done based on written and practical examination/project of the candidates of the respective courses subjected to minimum attendance as required.

12. Commencement and duration of the Programmes under the MoU will be strictly as per the schedule mutually agreed upon.

13. NIELIT reserves the right to cancel the registration of the students not adhering to NIELIT's code of attendance and discipline.

14. Present Agreement can be terminated by the either party by giving a notice of three months without assigning any reason. In this regards nighters party shall have any claim against the other party and its officials on account of termination of this agreement. However, the responsibilities and duties of both parties in respect of the students already registered for any of the programmes under this MoU shall not end with the termination of the agreement, and these



will remain valid in totality until completion of evaluation of the already registered students and reporting of their results by both parties.


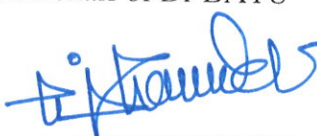
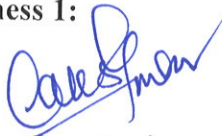
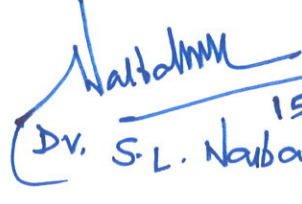
15. Both Parties shall indemnify and keep the other party indemnify and harmless against any and all claims, actions proceedings by third party (including all costs, expenses, damages / losses) arising out of or in connection with this MoU due to breach of any provisions of this MoU by such party or as a result of any act of negligence / omission or commission on part of such party and / or its employees, agents etc.

16. **Arbitration:** In the event of any difference or dispute arising between the parties in connection with or concerning the observance of the terms and conditions or interpretation thereof, the same shall be jointly resolved by Executive Director, NIELIT, Aurangabad and the Hon'ble Vice-Chancellor, Dr. BATU in a spirit of independence, mutual respect and shared responsibilities, falling which both parties shall appoint a mutually agreed arbitrator. The decision of the arbitrator shall be final and binding on parties hereto. The Arbitration and Conciliation Act, 1996 as mentioned from time to time and rules framed there under shall be applicable to the parties hereto.

17. In all matters and disputes arising hereunder the appropriate courts under the jurisdiction of Hon'ble High Court of Maharashtra shall have the jurisdiction to entertain and try them.

IN WITNESS WHEREOF THE

Parties hereof have caused this Memorandum of Understanding (MoU) to be signed in their respective names as of the day and year first hereby above written.

<p>For and on Behalf of NIELIT</p> <p> कार्यकारी निदेशक Executive Director रा. इ. सं. प्रौ. सं. औरंगाबाद, NIELIT, Aurangabad.</p>	<p>For and on Behalf of Dr BATU</p> <p> REGISTRAR Registrar, Dr. Babasaheb Ambedkar Technological University Dr. B.A.T.U. Vidyavihar, Lonere, Dist. Raigad - 402 103, (MS)</p>
<p>Witness 1:</p> <p> Name: Lakshman B Designation: scientist 'C' National Institute of Electronics & Information Technology (NIELIT) Dr. Babasaheb Ambedkar Marathwada University Campus, Aurangabad - 431 004 (MS)</p>	<p>Witness 2:</p> <p> Name: Dr. S. L. Naik Designation: Dr. Babasaheb Ambedkar Technological University Vidyavihar, Lonere, Dist. Raigad-402 103, (MS)</p>

