

தமிழ்நாடு தமிழ்நாடு TAMILNADU

DR. M.G.R. EDUCATIONAL AND RESEARCH
INSTITUTE

CK 761999
J. Mohana Sundaram
J. MOHANA SUNDARAM
STAMP VENDOR
No. 262, PH Road, Maduravoyal,
Chennai - 600 095.
Licence No. 18/CH(S)/2010 Date: 23.2.201

25 OCT 2021

MEMORANDUM OF UNDERSTANDING

This **MEMORANDUM OF UNDERSTANDING** is executed at Chennai on this 22nd day of December 2021

BETWEEN

INDIAN TECHNOLOGY CONGRESS ASSOCIATION(ITCA), having its Registered Office at ITCA Secretariat, 4th Floor, #3, First Main, BDA Layout, Kodihalli, HAL 2nd Stage, Bengaluru - 560 008 represented by its **Secretary General Dr.K.GOPALAKRISHNAN**, hereinafter referred to as the **PARTY OF THE FIRST PART**

AND

Dr.M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE (Deemed to be **University**), **INDIA** (Declared U/s 3 of UGC Act, 1956), having its office at Periyar E.V.R. High Road, (NH 4 Highway) Maduravoyal, Chennai - 600 095, India,

represented by its **President Er.A.C.S.ARUNKUMAR** hereinafter referred to as the **PARTY OF THE SECOND PART**

Objective

ITCA, a platform for technology adherents working to stimulate multi-disciplinary capabilities in tomorrow's workforce, is actively partnering with Academic Institutions, Industry, and Research labs to conceptualize, develop and launch a distinctive programme of **"India 75 Students' Satellites Mission"** through accomplished Institutions in the consortium mode.

Dr.M.G.R. Educational and Research Institute (Deemed to be University), Chennai has evinced Expression of Interest (EoI) to ITCA to participate in the envisioned mission to develop Student-Built Satellites in co-operation with international space exploration agencies based on the **"open collaboration philosophy"** paradigm.

NOW THIS MEMORANDUM OF UNDERSTANDING WITNESSETH AS FOLLOWS:

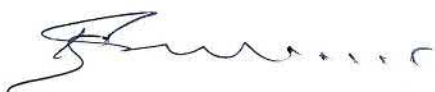
This MoU represents an understanding of the Roles and Responsibilities of both the Organizations to progress the proposed Student Satellite Mission and provides an umbrella understanding by both the Organizations to work together to meet the objectives of all aspects of the Student Satellite Mission including training and assessment, mission identification, programme funding, structuring of institution project teams, development of subsystems, satellite assembly integration and test, coordination for regulatory approvals, satellite launch and deployment.

The activities that are envisaged to be progressed under this MoU would include, but are not limited to:

- ITCA agrees to support Satellites' Education / Training / Multidisciplinary Research & Developmental Projects related to New Space Era, Nano Satellites, Satellites' Ground Stations and Initiatives focused on Student Satellite Development Programmes through its members; and Research Personnel / Subject Matter Experts identified by them for the Projects.



- ITCA will lead the activity to identify and enlist Indian Government Departments (IN-SPACe/NSIL), Satellite Launch with ISRO-NSIL/Research Organizations and global technology partners, funding agencies in India and abroad, and structure the overall Satellite Development Mission with comprehensive programme management and project management teams for successful Launch of **Dr.MGR-ACS Satellite** mission completion. ITCA will facilitate induction of technology and domain experts from Institutions, Industry and Entrepreneurs to ensure mentoring Institution teams over the duration of the mission.
- ITCA will assist the Institution to raise the capital required for funding this programme, if required either within the country or abroad, as per the terms and conditions mutually discussed and documented in follow-on specific Agreements with stakeholders.
- Both the agencies, ITCA and **Dr.M.G.R. Educational and Research Institute (Deemed to be University)**, agree through this MoU, to meet periodically to Review and Monitor the progress of the Student Satellite Project and Initiatives. **Dr.M.G.R. Educational and Research Institute (Deemed to be University)**, has agreed to transfer Initial Commitment Advance of Rs. 10 Lakhs (*Rupees Ten Lakhs as Non-Refundable Retainer to be adjusted later in Satellite Project Cost*) to ITCA.
- ITCA will work with the Institution to develop the Mission objectives for **Dr.MGR-ACS Satellite** and its Overall Budget and provide thought leadership and knowledge repository on student satellites through publications including papers, monographs, filing Patents and IPRs in the areas of Nano Satellites/De-Orbiting Mechanisms/Ground Stations etc. ITCA will support activities including incubation and assisting start-ups.



3



- ITCA agrees to **Dr. K. Gopalakrishnan**, Project Director, 75 Satellites Consortium and Secretary General, ITCA and **Dr.M.G.R. Educational and Research Institute (Deemed to be University)** agrees to **Prof.Dr.D.Viswanathan**, Rector - Research and Development, **Dr.M.G.R. Educational and Research Institute (Deemed to be University)** as Points of Contact, to network and communicate with all the personnel concerned, for effective progressing of the Projects and Initiatives.
- Both the Organizations, ITCA and **Dr.M.G.R. Educational and Research Institute (Deemed to be University)** proactively will provide inputs to strengthen the academic curriculum to meet the needs of the space industry. Students successful in the courses structured as part of the Student Satellite Mission will receive a joint certification from ITCA and the Technology Partner(s) delivering the courses.
- ITCA will facilitate international collaborations as per the requirements of the Mission including Israel, Russia, Serbia etc.
- Both the Organizations, ITCA and **Dr.M.G.R. Educational and Research Institute (Deemed to be University)** agree to support each other in organising national and international conferences, symposia, seminars, workshops, training programs, competitions and other such events.

Validity of the MoU

The validity of this MoU will be for **TWO YEARS** from the date of signing this MoU. This MoU may be terminated by a prior notice of not less than Two months by either party.

In the event of termination of this MOU in the middle by either party, the financial commitment shall be mutually discussed and settled.





IN WITNESS WHEREOF, the Parties hereto have caused this Memorandum of Understanding to be executed by them on the date, month and year set out above.



**Dr. K.GOPALAKRISHNAN
SECRETARY GENERAL
INDIAN TECHNOLOGY
CONGRESS ASSOCIATION
PARTY OF THE FIRST PART**



Date: 22/11/21



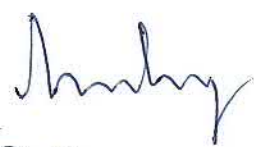
**Er.A.C.S.ARUNKUMAR
President
Dr.M.G.R. EDUCATIONAL AND
RESEARCH INSTITUTE
(Deemed to be University)
PARTY OF THE SECOND PART**

Date: 22/11/21

WITNESSES:-

1. 
(ASWIN REDDY)
2. 
(SANKETH S HUDDAR)

WITNESSES:-

1. C. B. Palanivelu
(Dr. C. B. PALANIVELU)
2. 
(Dr V. CYRIL RAT)