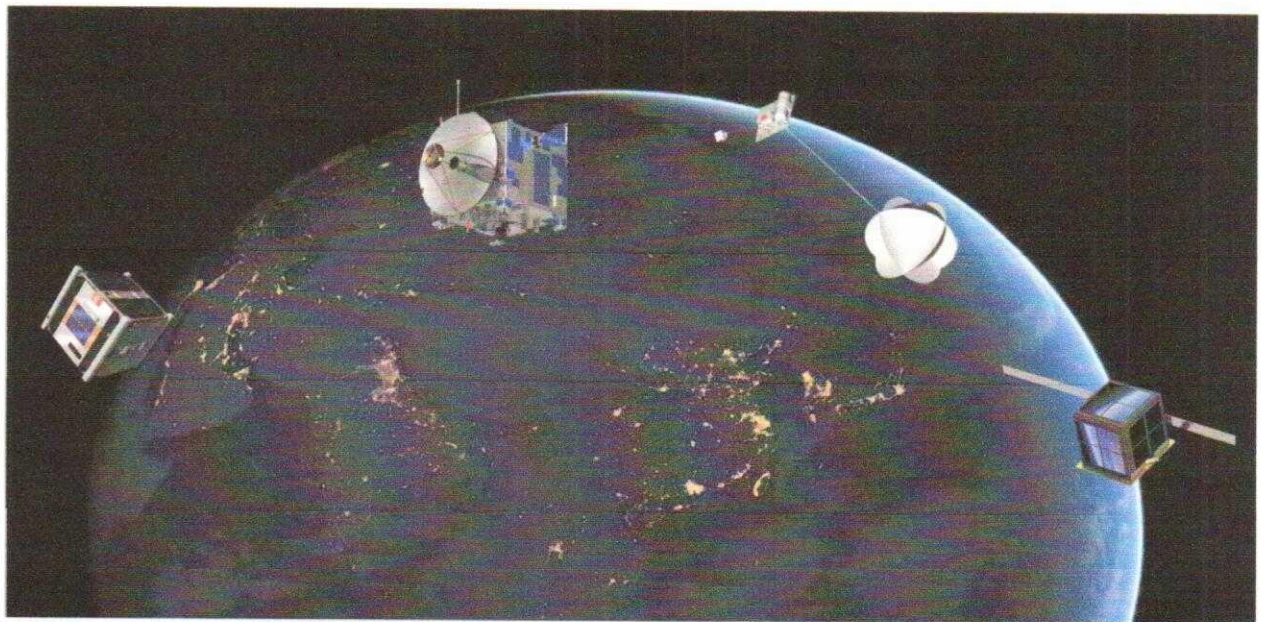
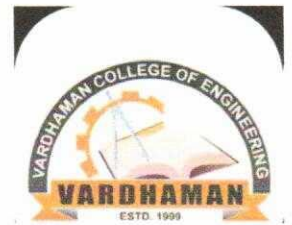


75 Students Satellites Mission 2022

Indo-Israel Initiative

Memorandum of Understanding





MEMORANDUM OF UNDERSTANDING

BETWEEN

INDIAN TECHNOLOGY CONGRESS ASSOCIATION (ITCA), BENGALURU

AND

VARDHAMAN COLLEGE OF ENGINEERING, KACHARAM, SHAMSHABAD, HYDERABAD,

This Memorandum of Understanding signed on this the 2nd day of July 2019 at Hyderabad 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 560008 and **Vardhaman College of Engineering**, having its Registered Office/Operations at **Kacharam, Shamshabad – 501 218, Hyderabad, Telangana**.

Objective

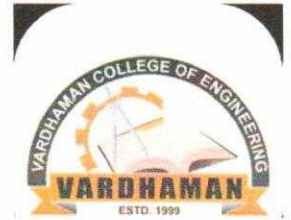
ITCA, a platform for technology adherents working to stimulate multi-disciplinary capabilities in tomorrow's workforce, is actively partnering with Academic Institutions, Industry, and Research labs to conceptualize, develop and launch a distinctive programme of "**India 75 Students Satellites Mission**"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

Vardhaman College of Engineering, Hyderabad 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.

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 Education / Training / Multidisciplinary Research & Developmental Projects and Initiatives focused on Student Satellite Development 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, 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 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 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 **Vardhaman College of Engineering, Hyderabad** agree through this MoU, to meet periodically to Review and Monitor the progress of the Student Satellite Project and Initiatives.
- ITCA will work with the Institution to develop thought leadership and knowledge repository on student satellites through publications including papers, monographs, filing patents and IPRs. ITCA will support activities including incubation and assisting start-ups.



- Both the Organizations, ITCA and Vardhaman College of Engineering, Hyderabad agree to identify responsible persons 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 Vardhaman College of Engineering, Hyderabad 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.
- Both the Organizations, ITCA and Vardhaman College of Engineering, Hyderabad 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 Three Years from the date of signing this MoU. This MoU may be terminated by a prior notice of not less than three months by either party.

In witness whereof both parties above mentioned have set their hands to this MOU on the day and year herein above mentioned.

Signed by

Dr. L.V. Muralikrishna Reddy
President
Indian Technology Congress Association (ITCA)

Signed by

Dr. T. Vijender Reddy
Chairman
Vardhaman College of Engineering, Hyderabad

Witnessed by

Organization Seal:



Witnessed by

02/08/2019
Dr K M BABU

Organization Seal:





Indian Technology Congress Association

Expression of Interest / Letter of Intent

Indian Technology Congress, #3,4th Floor, 1st Main BDA Layout, Kodihalli, HAL 2nd Stage, Bangalore-560008, Represented by **Dr. L.V. Muralikrishna Reddy, President, ITCA, Bangalore** herein referred as (First Party) and Engineering College **Vardhaman College of Engineering, Hyderabad** represented by Principal/Authorised representative herein referred to as (Second Party) duly agree to come to an agreement under the following conditions.

Terms and Conditions of (First Party)

- Initiating the building and launching of student satellite.
- Provide opportunities to access to funding the project including the Soft Loan by funding agreement on mutually agreeable terms.
- Assistance to Patent Filing, Ideas, Innovation, and Productization.
- Providing access to Resources for Training & Workshop on Small Satellites, Machine Learning & AI.
- Start-up based incubation procedures & utilities.
- Seminars/Workshops on the latest emerging Trend in Technology.

Terms and conditions of (Second Party)

- The institution agrees to collaborate on Student Satellite Project based on the understanding of the business model (which will be discussed on case to case basis).
- The institution will provide the required space and infrastructure for the project mentioned there in the detailed MOU (which will be signed after the terms and conditions are agreed upon by both the parties after deliberations).
- The Institution will sign the MOU for a period of FIVE years.
- Finance and business will be discussed on signing the MOU on Stamp Paper as agreeable to both the parties.

First Party

Name: **Dr. L.V. Muralikrishna Reddy**

President, Indian Technology Congress Association

Bangalore

M: 98452 24134

E-mail: president@itca.org.in



Second Party

Name: **Dr. T. Vijender Reddy**

Designation: **Chairman**

Institution: **Vardhaman College of Engineering**

Place: **Hyderabad**

M: **chairman@vardhaman**

E-mail:

