



JEPPIAAR INSTITUTE OF TECHNOLOGY

“Self-Belief | Self Discipline | Self Respect



3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution.

S.No	Name of the Project/Endowments	Proof Attachments	Year of Award	Grant Amount	Page Number
1	Research Project Grant for Ground station establishment and Design, Development & launch of UnitySat-JITSat	Sanction Letter for the Matching Grant of Rs.30,00,000	2019-2020	Rs. 30,00,000	1 to 2
		MOU copy [ITCA, TSC, CSPD] for Joint Development of UnitySat-JITSat & Ground station Establishment			3 to 5
		GST Concession Certificates received from Anna University - For Solar Cells & Deployer			6 to 7
		MOU Copy [ISRO] Signed for UnitySat-JITSat Testing, Integration & Launch			8 to 15
2	Research Project Grant for Pesticide detector using immune sensor in build in weighing machine	Approved Project List by TNCSCT	2019-2020	Rs.7500	16 to 18
3	Research Project Grant for Climbing wheelchair with to and fro action of steering	Amount Credited Towards Jeppiaar Institute of Technology [DD Copy] for the project grant		Rs.7500	19

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Kanchipuram District - 631 604.

4	Research Project Grant for Mechanical Ventillator-Covid'19	Funding Approval Mail proof by IEEE HAC	2019-2020	Rs. 38,020	20 to 21
		Amount Credited Towards Jeppiaar Institute of Technology [Statement Proof] for the project grant			22
5	Research Project Grant for A Collision Detection & Automated Pulse Monitoring Helpline System	Amount Credited Towards the Principal Investigator - Jeppiaar Institute of Technology [TDS Copy] for the project grant	2016-2017	Rs.35,000	23 to 24
6	Research Project Grant for Development of Biomedical Remote Data Logging System with Raspberry Pi Based Embedded Webserver	Project grant Covering Letter & Cheque	2015-2016	Rs.3000	25 to 26

J. M. W.

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Ref: UNITYsat/MG/0.3U/003

16 September 2020

To

The Principal (Attention to Prof. Benisha Xavier)
 Jeppiaar Institute of Technology (JIT)
 Kunnam, Sunguvachatram, Sriperumbudur, Tamil Nadu

Sanction of UNITYsat Programme under Consortium of TSC-ITCA-CSPD

Dear Professor,

SUB: Sanction of Matching Grant-in-Aid-Joint Development and Launch of CubeSat (0.3U)-Reg.

REF: Your Project Proposal in Response to Announcement of Opportunity-Our Interactions/On-line Meetings with Prof. Benisha Xavier and Prof. Suganya. M, since, last 2 months

Under the powers vested with Programme Office for the UNITYsat Programme as per the TSC-ITCA-CSPD Triparty MoU singned 07 December 2019 and subsequent Announcement of Opportunity issued on 09 September 2020, I am directed to convey the sanction of the following project for the year 2020-21:

Title of the Project: "Design and Development of UNITYsat as SlimSat as Technology Demonstrator at LEO"

Amount: Rs. 30 Lakhs as Matching Grant

Total estimated funds for the project is Rs.60 Lakhs. Remaining Rs.30 Lakhs will be borne by the host as its own contribution from Institution. However, the same is subject to revision based on performance and review. The break-up of the grant under various heads is given below:

Sl. No.	Head	Grant-in-Aid from TSC Technologies P Ltd	Contribution from Grantee Institution-JIT
1.	Man Power	Nil	Rs. 30 Lakhs
2.	®Equipment (Ground Station)	Rs. 2.5 Lakhs	a) Satellite Structure: Monolithic Structure of Space Grade Aluminum Machined in 5-Axis Machine: Rs. 3 Lakhs
3.	^Components for Systems and Sub-system	Rs. 6.5 Lakhs	b) SatNOGS: Member of Global Sat Network: Rs. 7 Lakhs
4.	*Solar Panels with Azur 3G30A	Rs. 6.5 Lakhs	c) Development of TSCSatNav (Mobile App): Amateur Radio and Weather Satellite Tracker and Passes Predictor for Android Mobiles!- Rs.15 Lakhs
5.	Deployer	Rs. 6.0 Lakhs	d) Travel/Contingency/Overhead: Rs.5 Lakhs
6.	Consumables (including maintenance)	Rs. 2.5 Lakhs	
7.	Testing and Integration Services	Rs. 2.5 Lakhs	
8.	Launching	Rs. 3.5 Lakhs	
9.	Contingency	Nil	
10.	Travel	Nil	
11.	Overheads (10%)	Nil	
	Total	Rs.30 Lakhs	Rs.30 Lakhs

Note:

®Client Computer, Client Software, Radio Receiver, Antenna System, Rotator, Rotator Control Hardware/Software

^On-Board Computer (Primary Computation Unit, External Memory & Secondary Housekeeping Controller), Electronics Power System (EPS), Sensors, Communication System/Telemetry, Payload as per Mission Objectives

*Photovoltaic Solar Cells: Triple Junction Solar Cell Assembly 3G30A (AZUR SPACE Solar Power GmbH)

1. Funds for second installment will be released on satisfactory progress and submission of six month progress report by PI to the Programme Office and based on recommendation with due approval of competent authority.
2. Statement of accounts and utilization certificate duly certified by the executive financial authority of the Institution is also required to be submitted along with the annual report. Excess expenditure, beyond the sanctined amount, shall be responsibility of grantee institution.



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3. The duration of the project is TWELVE MONTHS (One Year) with review after six months! The date of receipt of the grant would be reckoned as the commencement date of the project which has to be intimated to the Programme Office without any ambiguity.
4. A separate account for the grant would be maintained by Jeppiaar Institute of Technology and any interest earned thereon, if any, would accrue to UNITYsat Programme.
5. Unspent balance, on completion of the project should be sent by the grantee institution through a RTGS/Cheque/Draft in the name of TSC Technologies P Ltd, Bangalore for doing the needful.
6. A list of inventory of equipment purchased out of the Programme grant shall be intimated year-wise, along with its cost and source of procurement to the Programme Office.
7. On completion of the project, the grantee institution would forward the consolidated list with request, if any, for the retention of any equipment for another project or in-house R&D, with due recommendations of their executive authority and the concerned panel.
8. In case of any joint publications of Technical Research Papers related to this project as a part/outcome of the research works shall have the mentioning/acknowledgement of consortium which has granted the matching grant for the project appropriately.
9. A Closure Report alongwith copies of technical report may be submitted within sixty days of completion of project alongwith Statement-2 (Statement of Expenditure) and Statement -3 (Utilization Certificate) as per the Annexure III of Grants-in-aids rules duly audited from the Audit Authority of Institution signed in ink in duplicate.
10. TSC Technologies P Ltd, Bangalore will make disbursement of money as sanctioned.

With Warm Regards,

Yours Sincerely,



Copy to

- a) Programme Director, UNITYsat Programme Office, Bangalore
- b) President, Indian Technology Congress Association
- c) Head, Committee for Space Programme Development, Serbia
- d) Convener, 75 Students' Satellites Consortium: Mission 2022
- e) Prof. M. Benisha Xavier, Principal Investigator, Jeppiaar Institute of Technology, Kunnam

L.M.H
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MEMORANDUM OF UNDERSTANDING BETWEEN
TSC TECHNOLOGIES P LTD ("TSC"), BANGALORE, INDIA
COMMITTEE FOR SPACE PROGRAMME DEVELOPMENT ("CSPD"), SERBIA
INDIAN TECHNOLOGY CONGRESS ASSOCIATION (ITCA), BANGALORE
AND
JEPPIAAR INSTITUTE OF TECHNOLOGY (JIT), KUNNAM, SUNGUVARCHATRAM, TAMIL NADU, INDIA
FOR THE JOINT DEVELOPMENT OF UNITYsat/SlimSat (0.3U SATELLITE)

This Memorandum of Understanding signed on this the **25th** day of **August 2020** (virtually) between **TSC Technologies P Ltd ("TSC"), Bangalore, India (<https://tsctech.in/>)**, **Committee for Space Programme Development ("CSPD"), Serbia (<http://2comnet.info/komsat/en/>)**, **Indian Technology Congress Association (ITCA), Bangalore, India (<https://www.itca.org.in/>)** together referred as "**Technology/Service Providers**" (Party 1) and **Jeppiaar Institute Of Technology (JIT), Kunnam, Sunguvachatram, Sriperumbudur, Tamil Nadu, India (<https://www.jeppiaarinstitute.org/>)** referred as "**Resource Provider/Host**" (Party 2), together referred as "**Parties**".

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 Student Satellites Mission**" through accomplished Institutions in the consortium mode. As part of Joint-Development initiative of **UNITYsat/SlimSat (0.3U Satellites)**, **TSC and CSPD, Serbia** has been come out with "state of the art, frugal innovative solutions" for the design and development of systems and sub-systems of CubeSat (0.3U to 1U and beyond) based on their sustained research in the last 3 Years!

JIT has evinced Expression of Interest (EoI) to ITCA/TSC/CSPD to participate in the envisioned mission to develop Student-Centric-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 parties to progress the proposed Student Satellite Mission and provides an umbrella understanding by both the parties to work together to meet the objectives of all aspects of the Student Satellite Mission including training and assessment, mission identification, programme monitoring, structuring of institution project teams, development of subsystems, satellite assembly integration and test, deployer integration, 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:

1. Both Parties 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.
 2. TSC/CSPD will lead the activity in collaboration with the host and global technology partners as required, in India and abroad, and structure the overall Satellite Development Mission with comprehensive programme management and project management teams for successful mission completion including the launching of the satellite. 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.
 3. Host will provide the seed capital required (**Rs.30,00,000/- Rupees Thirty Lakhs Only**) for the realization of **0.3U UNITYsat/SlimSat** (*which can be named as JeppiaarSat or JITSat*) and initiate this programme. Normally, 0.3U-1U CubeSat will cost Rs.2.3 to 2.6 Crores, if we buy and integrate systems and subsystems either within the country or abroad! However, the following UNITYsat/SlimSat will be realized within the above budget including the launch cost of the satellite.
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4. Design, Development, Integration, Qualification Testing and Launching 0.3U SlimSat to LEO Jointly! Joint will be with Institution/University! However, IPR belongs to TSC, since it is based on their Patented Systems, Sub-Systems and Technologies!
5. **TSC-CSPD** Industry Sponsored Ground Control Station (GCS) will be established at the JIT campus (Host) to monitor majority of LEO Satellites including **JITsat** Launched! GCS Comprises of the following: **Client Computer, Client Software, Radio Receiver [Software Defined Radio-SDR], Antenna System (Antenna (VHF/UHF), Rotator, Rotator Control Software & Mobile App]**
6. **TSC-CSPD** will make JIT's GCS as the Member of Global Sat Network "**Satellite Networked Open Ground Station (SatNOGS)**".
7. **TSCSatNav (Mobile App)**: Amateur Radio and Weather Satellite Tracker and Passes Predictor for Android will be provided to all the Students of JIT to Track Satellites in their Mobiles!
8. Both the parties agree through this MoU, to meet/through online periodically to Review and Monitor the progress of the Student Satellite Project and Initiatives.
9. Both the parties agree through this MoU, the following **Payload/Mission Objectives of 0.3U JeppiaarSat or JITsat!** (*All the objectives or part of them will be achieved*)
 - a) *First Experimental LoRa Inter-Satellite and Ground Communication Demonstrating IOT in Space (@ Low Earth Orbit): A Faster and Productive Way to Launch a Satellite*
 - b) *Study of 3D Printed Aluminum/Plastics Structures in Space at LEO*
 - c) *Novel Compact Single Card Satellite (CSCS): Major subsystems built on 80 mm x 80 mm PCB!*
 - d) *Study of Passive ADCS in SSO/Polar Orbits and Thermal Study of Materials in Vacuum*
 - e) *Experimental Compact SlimSat (UNITYsat) Structure for LEO*
 - f) *Experimental Materials for Antennae and Deployment Methods. Smart Arrangement of Payloads Compactly*
 - g) *Audio Streaming/Broadcasting from LEO when it fly over India from LEO*
10. **TSC-CSPD** Industry Sponsored Nano/Pico Satellite Centre will be established at the JIT Campus (Host). Satellite PCBs/Kit will be provided to JIT for using it as Class Room Satellite and can be assembled by Students/Faculty Members as a regular lab practice! It can be named as Industry Sponsored Satellite Lab or NanoSatellite Centre or Pico Satellite Centre!
11. **ITCA/TSC/CSPD** will facilitate JIT, the signing of separate Launch Services Agreement (LSA) with New Space India Limited (NSIL) of Indian Space Research Organisation (ISRO) as Joint Agreement with all concerned as suggested by ISRO. However, the cost of launch per kg mass of 1U Satellite shall be USD 20,000 (as on today) subject to change as per the policies of NSIL/ISRO. There is no need to pay separately the launch cost, since it has been incorporated in section 3. As per the current discussion with NSIL, it was agreed not to include the mass of deployer for calculating the launch cost for February 2021 Launch. However, in future, after Feb 2021, mass of the Deployer also will be included for calculating the cost of launch per kg!
12. Both the parties agree to build **0.3U Satellite; Why?** Academic Satellites are Experimental-Research Satellites and Technology Demonstrators! They should not become Space Debris by Staying in Orbit for Longer Time! If the life of Satellite is longer then it will become larger in size and very expensive! Hence, it is decided to have a designed active life of 0.3U sat will be Six months/ 600+ battery cycles whichever is earlier! However, it may orbit for 12-36+ months.
13. Both the parties 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.
14. **ITCA/TSC/CSPD** will facilitate World CanSat/Rocketry Championships/Continental/National/Regional Workshops/ Seminars/ Competitions in India/Abroad. Both parties agree to provide access to R&D Grants (*in Cash/Kind*) Joint Sponsored Research Projects, Consultancy Projects and Travel Grants etc through their network and consortium with in India and Abroad.
15. **ITCA** will assist JIT in setting up vibrant Patent Facilitation Centre at JIT and provide Assistance to Patent PRINCIPAL
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Sriperumbudur Taluk,
Kanchipuram District - 631 604.

16. Both the parties agree to support each other in organising national and international Hackathons, CanSat/CubeSat Workshops, conferences, symposia, seminars, workshops, training programs, competitions and other such events.
17. At the time of Signing (or before) MoU between parties on or before **30 August 2020** by transferring **Rs.3.75 Lacs** as **1st Instalment, USD 5,000 (INR 3,75,000/- @ 1 USD = INR/Rs. 75/-), Rs.3,75,000/- towards "TSC TECHNOLOGIES, Bangalore" (A/c No. 50200048740473; IFSC: HDFC0000076, HDFC Bank, MG Road Branch, Bangalore; PAN AAHCT7891C; GSTIN: 29AAHCT7891C1ZV)**
18. **Total Cost to Host: Rs.26.25 Lacs Payment Schedule for the Remaining Amount of Rs. 22.5 Lacs:**
 - a) 25 September 2020: **Rs. 7,50,000/- towards "TSC TECHNOLOGIES, Bangalore"**
 - b) 15 October 2020: **Rs. 7,50,000/- towards "TSC TECHNOLOGIES, Bangalore"**)
 - c) 25 October 2020: **Rs. 3,75,000/- towards "TSC TECHNOLOGIES, Bangalore"**)
 - d) 15 November 2020: **Rs. 3,75,000/- towards "TSC TECHNOLOGIES, Bangalore"**)

Total: 26.25 Lacs Rupees Twenty Six Lakhs Twenty Five Thousands Only (Without TDS and Tax).

19. **Note: All Applicable Taxes and TDS (2-10%) amount including GST (5-18%) to be added as Extra to the above amount, if you want GST/have GST Number! All TDS Deductions are Applicable as per Govt of India Norms. However, If it is Grants-in-Aid, then GST/TDS etc are not Applicable!**

20. Validity of the MoU

The validity of this MoU will be for Five 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. K. Gopalakrishnan
Secretary General, ITCA
Mobile: +91 98451 73730



Office Seal

Signed by

Dr. N. Marie Wilson
Managing Director, JIT
Mobile: +91 9443953567



Office Seal

Witnessed by

(Mr. Hariraj Rajkumar) Mobile: +91 9677707968

(Dr. L. M. Merlin Livingston)

Signed by

Mr. Dušan Radosavljević
Head, CSPD
Mobile: +381 658616339



* Office Seal

Signed by

Mr. Nikhil Riyaz
Authorized Signatory, TSC
Mobile: +91 9741896297



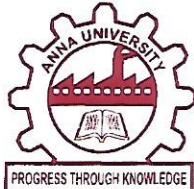
Office Seal

Witnessed by

(Mr. Lazar Jeftic) Email: jefticlr@gmail.com

(Mr. Denzel George) Mobile: +91 9482019653
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Kanchipuram District - 631 604.



GST CONCESSION CERTIFICATE

1. Name of the Institution	: Jeppiaar Institute of Technology, Kunnam Sunguvacharam, Sriperumbudur, Chennai - 631604
2. Notification under which GST Exemption is claimed	: Ministry of Finance, Department of Revenue, Notification No. 47/2017 - Integrated Tax (Rate) dated. 14.11.2017
3. Brief description and quantity of goods for which exemption is claimed	: DSOD-1U, CubeSat Deployer Custom Volume - 1 No. (As mentioned in the Purchase Order)
4. Name of the Supplier	: M/s. Dhruva Space Private Limited, # 258, 12th Main, AGS Layout, Arehally, Subramanyapura Post, Bengaluru Post, Karnataka - 560 061
5. Purchase Order No. & Dated	: P.O.No. JIT/Deployer-PO/2020-21/01 dt. 02.11.2020
6. Amount	: Rs. 6,00,000/- (Rupees six lakh only)

This is to certify that the above item is eligible for GST @ 5% as per guiding principles conveyed by the Ministry of Finance, Department of Revenue, Notification No. 47/2017 - Integrated Tax (Rate) dated. 14.11.2017. Certified that the above item is intended for research purpose only and not for any kind of commercial purpose.


REGISTRAR

RJ
05/12/2020



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GST CONCESSION CERTIFICATE

1. Name of the Institution : Jeppiaar Institute of Technology,
Kunnam Sunguvachatram,
Sriperumbudur,
Chennai - 631604
2. Notification under which GST Exemption is claimed : Ministry of Finance, Department of Revenue, Notification No. 47/2017 - Integrated Tax (Rate) dated. 14.11.2017
3. Brief description and quantity of goods for which exemption is claimed : Photovoltaic Solar Cells: Triple Junction Solar Cell Assembly 3G30A - 16 Nos. ✓
(As mentioned in the Purchase Order)
4. Name of the Supplier : M/s. PROLYX MICROELECTRONICS PVT LTD.,
1, Sharadanagar, Uttarahalli Main Road,
Vasanthpura,
Bangalore - 560 061
5. Purchase Order No. & Dated : P.O. No. JIT/6063, dt. 02.11.2020
6. Amount : Rs. 6,38,160/-
(Rupees six lakh thirty eight thousand one hundred and sixty only)

This is to certify that the above item is eligible for GST @ 5% as per guiding principles conveyed by the Ministry of Finance, Department of Revenue, Notification No. 47/2017 - Integrated Tax (Rate) dated. 14.11.2017. Certified that the above item is intended for research purpose only and not for any kind of commercial purpose.

REGISTRAR

RJ
05/12/2020

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Kanchipuram District - 631 604.

MEMORANDUM OF UNDERSTANDING (MoU)

Between

**Department of Space, Government of India,
New BEL Road, Bengaluru**

And

**UNITYsat
(Consortium of Jeppiaar Institute of Technology, Sunguvachatram,
Chennai
GH Raisoni College of Engineering, Nagpur and
Sri Shakthi Institute of Engineering and Technology, Coimbatore)**

FOR

Testing and Qualifying the Satellite 'UNITYsat' built by the Consortium

Bengaluru

January 2021

**PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
Jeppiaar Nagar, Kunnam
Sriperumbudur Taluk,
Kanchipuram District - 631 604.**

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MOU") is entered into on this the
18 day of, January 2021 ("Effective date") at Bangalore

By and Between

Department of Space, Government of India, Antariksh Bhavan, Near New BEL Road, Bangalore-560 094, Karnataka, represented herein by its Scientific Secretary, Indian Space Research Organisation (ISRO) (hereinafter referred to as "**DOS**", which expression shall unless repugnant to the meaning or context thereof mean and include its successors, administrators, legal representatives and assigns) of the One Part;

And

UNITYsat, represented by Jeppiaar Institute of Technology, Suguvachatram, Chennai, GH Raisoni College of Engineering, Nagpur and Sri Shakthi Institute of Engineering and Technology, Coimbatore (hereinafter referred to as "UNITYsat"), which expression shall unless repugnant to the meaning or context thereof mean and include its successors, administrators, legal representatives and assigns) of the Other Part.

DOS and UNITYsat hereinafter may individually be referred to as the "**Party**" and collectively as the "**Parties**", as the context may require.

WHEREAS:-

- A. Department of Space is a government department has headquarters at New BEL Road, Bengaluru. DOS has the primary objective of development and application of space science and technology to assist in all round development of nation.
- B. UNITYsat is a consortium of three academic institutes engaged in Engineering Education and Research is involved in Joint Development of Pico Satellites.
- C. The consortium of three Engineering Colleges has built the following Pico Satellites (0.33U) and all the 'Three Satellites' together occupy 1U as 'UNITYsat':
 - Jeppiaar Institute of Technology (JIT), Sunguvachatram, Chennai; JeppiaarSat
 - GH Raisoni College of Engineering (GHRCE), Nagpur; GHRCEsat and
 - Sri Shakthi Institute of Engineering and Technology (SIET), Coimbatore; SriShakthiSat.

J.M.H

- D. UNITYsat approached DOS to launch the satellite and DOS has agreed to launch the satellite on-board PSLV launch vehicle.
- E. UNITYsat sought support of DOS for testing and qualifying their satellite 'UNITYsat' utilising the satellite test facilities at UR Rao Satellite Centre (URSC), Indian Space Research Organisation, Department of Space.
- F. After mutual discussion(s), both the Parties have decided to enter into this MOU for Thermo Vacuum Testing of the satellite owned by UNITYsat at U R Rao Satellite Centre (URSC), Old Airport Road, Bengaluru, one of the Centres under ISRO/DOS as per the scope, terms and conditions stipulated in this MOU.

NOW THEREFORE, in consideration of the mutual promises and covenants contained herein, the Parties hereto agree to be bound unconditionally to the following terms and conditions:

1. SCOPE OF MEMORANDUM OF UNDERSTANDING

This MOU contains the modalities, terms and conditions for Thermo Vacuum Testing of the satellite 'UNITYSAT satellite' owned by UNITYsat utilising the satellite test facilities at URSC. The test requirements are given in Annexure -1.

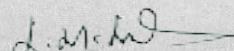
2. PLAN OF ACTION AND RESPONSIBILITIES

2.1. RESPONSIBILITIES OF DOS

- a. Making the facilities available as per the agreed schedule. The detailed specifications of scope are enclosed in Annexure-1.
- b. Testing the satellite in the presence of the representative of UNITYSAT and generate the necessary reports.
- c. Handling the satellite with care to avoid any damage to its components.
- d. Reviewing the reports and advising UNITYsat for any further course.
- e. Handing over the results documents as per Annexure-1.

2.2. RESPONSIBILITIES OF UNITYSAT

- a. Bringing the satellite and fixtures in their own containers and handing over to the identified representative of URSC.
- b. Deputing the representative during the testing of satellite.
- c. Witnessing the testing of satellite.



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- d. Complying with safety and security protocols of URSC during the stay at URSC.
- e. Safeguarding of satellite and its components in the premises of URSC.

3. FINANCIALS

There will be no exchange of funds between the parties under this MoU. All the transportation / handling / insurance, if any to the satellite to be borne by UNITYSAT.

4. DURATION OF MOU

This MOU shall remain in force unless it is concluded or terminated as per Clause 13 or by mutual consent of both the Parties.

5. EXERCISING AUTHORITY

The exercising authority in the case of DOS shall be Scientific Secretary, ISRO and in the case of UNITYSAT shall be **Dr. K. Gopalakrishnan, UNITYsat Consortium Coordinator**

6. CONFIDENTIALITY, NON-DISCLOSURE

- 6.1 For the purposes of this MOU, the term "**Confidential Information**" shall mean any and all information and other materials disclosed, furnished, communicated or supplied by either Party to the other Party and/or its expressly authorized representatives or agents (collectively referred to as "**representatives**").
- 6.2 The Parties agree and undertake to keep the Confidential Information secret and strictly confidential and not to use or disclose it, directly or indirectly, whether in whole or in part, in any manner whatsoever, to any third party except as provided herein and to ensure that the Confidential Information is protected with the highest security measures and a degree of care that would apply to its own strictly confidential information.

7. GENERAL CONDITIONS

- 7.1 UNITYSAT representatives or agents shall be Indian citizens and no foreigner is allowed inside URSC premises.
- 7.2 UNITYSAT representatives or agents strictly adhere to all the security provisions of URSC. UNITYSAT is responsible for any violation of security provisions and indiscipline when they are inside the Centre. Any resultant liabilities/damages due to violation / indiscipline shall be borne by UNITYSAT, as per Clause 11.
- 7.3 URSC will not be responsible for any injury, accident, death which may occur to the UNITYSAT representatives or **PRINCIPAL**, while

discharging the duties at URSC. All the liabilities in this regard shall rest with UNITYSAT only and no claim will be entertained in this regard.

7.4 UNITYSAT, while executing the testing, shall take all precautions to see that no damage is caused to the property of the Department. UNITYSAT shall make good in case of loss of property of the Department.

8. ENTIRE UNDERSTANDING & MODIFICATIONS OF MOU

This MOU constitutes the entire understanding and agreement between the Parties on the subject matter and supersedes all prior agreements, arrangements or understandings, whether oral, written, or implied. Any modifications to the provisions of this MOU, as necessary, shall be mutually discussed and agreed to by and between the Parties and will become applicable only when reduced into a written Amendment annexed to this MoU.

9. FORCE MAJEURE

Any delay or failure by the Parties hereto in the performance of its obligations shall be excused if and to the extent caused by occurrences beyond the Party's reasonable control, including acts of God, strikes or other labour disturbances, war, sabotage, acts or regulations of Government agencies or authorities, civil disorder, fire, explosion, pandemic, lockdown conditions and any other cause which cannot be reasonably controlled by either Party ("**Force Majeure Events**"). However, such delay or failure shall not relieve the Party of its obligations, once cause for the same is removed. The condition of force majeure shall be informed to the other Party within 30 days of occurrence to enable the other Parties to take a decision on whether to continue or determine this MOU, including for deciding further course of action regarding the implementation of the technology transfer. Neither Party shall be held liable for the consequences that may arise due to the conditions of the said Force Majeure Events.

10. GOVERNING LAW AND ARBITRATION

This MOU shall be governed by and construed in accordance with the laws of the Republic of India. Subject to the arbitration provisions below, both Parties irrevocably submit to the exclusive jurisdiction of the Courts in Bengaluru, India for any action or proceeding regarding this MOU.

d.m.m

In the event of any claim, dispute, difference, controversy (the "*Dispute*") between the Parties to this MOU, such Disputes shall be resolved amicably by mutual consultation between the Parties. If such resolution is not possible within 30 days from the date of the Dispute's occurrence or failed for any reason, then the unresolved Dispute shall be referred and resolved through Arbitration by a mutually appointed sole Arbitrator, whose award or decision shall be final and binding on the Parties. The arbitration proceedings shall be conducted as per the Arbitration and Conciliation Act, 1996 at Bengaluru and shall be held in English language.

Dispute resolution procedures invoked under this Clause shall not excuse any Party from performing its obligations under this MoU and during the pendency of any such procedure, all Parties shall continue to perform their obligations in good faith.

11. INDEMNIFICATION

UNITYSAT shall indemnify and hold harmless DOS and their officers, employees and representatives (each, an "Indemnified Person") from and against any claim, loss or liability, damage, expense arising out of the breach of the obligations specified herein, negligence or wilful misconduct of UNITYSAT and/or representatives.

12. WARRANTY

DOS warrants that the know-how, technical specifications, codes, drawings and Confidential Information disclosed or furnished to UNITYSAT shall be sufficient and complete to implement the technology that will be able to test the satellite.

13. TERMINATION

This MOU may be terminated by either Party through a written notice for non-fulfilment of any of the clauses of this MOU by the other Party, provided that other Party shall be provided a period of 10 days from the receipt of such written notice to fulfil the clause in question. In case this MOU is terminated for non-fulfilment of the obligations specified herein, the settlement of account shall be done by mutual consent of the Parties.

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Sriperumbudur Taluk,
Kanchipuram District - 631 604.

14. EFFECTIVE DATE OF MOU

This MOU shall be effective from the date of signing by both the Parties.

IN WITNESS THEREOF, each Party has caused this MOU to be executed on the Effective date as aforementioned.

For and on behalf of
Department of Space

Signature:-

Name: Urimahabeswaran R
Designation: Scientific Secretary,
ISRO / Chairman of Interim
Committee for IN-SPAcc

For and on behalf of
UNITYsat

Signature:-

Name: Dr. K. GOPALAKRISHNAN
Designation:- Professor and
UNITYsat Consortium Coordinator
Mobile: +91 98451 73730,
E-mail: profgokid@yahoo.com

WITNESS:

1.
Director, SATCOM PO
ISRO HQ, BANGALORE

2. Mr. Nikhil Riyaz, UNITYsat Satellite Team Leader,
Mobile: +91 9741896297;
Email: nikhilryz@gmail.com

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Sriperumbudur Taluk,
Kanchipuram District - 631 604.

Thermo Vacuum Testing Profile for UNITYsat

Thermo Vacuum Testing Profile (For UNITYsat: 1U Consists of 3 Numbers of 0.33U Sats: 100mm x 100mm x 38mm)

ONE CYCLE	
Duration	Temperature Range
90 Minutes	0C to +50C
30 Minutes	+50C
90 Minutes	+50C to -15C
30 Minutes	-15C
30 Minutes	-15C to 0C

Dwell Time: 1Hr in Hot and 1Hr in Cold

D.M.H.

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Sriperumbudur Taluk,
Kanchipuram District - 631 604.

TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
 DOTE Campus, Chennai-600025

STUDENT PROJECT SCHEME 2019-2020
APPROVED LIST OF PROJECTS - ENGINEERING STREAM

No.	Guide Name & Address	Title of the Project	Student(s) Name	Code	Amt. Rs.
Chemical Engineering					
1.	Dr.M.Rengasamy Assistant Professor Dept. of Petrochemical Engg, Anna University Tiruchirappalli-620024	Fabrication of capillary action crude oil removal and recovery model to clean up oil spills	V.Krishna Theja S.Manojkumar V.Vijayakumar	CHE-001	7500/-
2.	Dr.N.Samsudeen, AP & Dr.K.M.Muthukumar Professor Dept. of Chemical Engg National Institute of Tech. Tiruchirappalli-620015	Simultaneous electricity and bio butanol production from industrial waste water treatment using microbial fuel cell	Khadeeja Parveen	CHE-002	7500/-
3.	Mr.S.Yuvraj Assistant Professor Dept. of Chemical Engg Adhiyamaan College of Engg, Hosur-635109	Experimental investigation on extraction (Soxhlet + Microwave assisted) and drying characteristics of red dragon fruit (<i>Hylocereus polyrhizus</i>)	Arun R Kabileeshwaran S Muthupandi S Nandhakumar T	CHE-003	7500/-
4.	Mr.M.P.Murugaesan Assistant Professor Dept. of Chemical Engg Erode Sengunthar Engineering College Erode-638057	Production of the oral dosage form for the treatment of cholesterol and vitamin deficiency from the natural source	J.V. Dhanagopal M.S.Idhikaskumar A.Aravindh R.Hariharan	CHE-004	7500/-
5.	Dr.R.Palani Associate Professor Dept. of Chemical Engg Sri Venkateswara college of Engineering, Sriperumbudur-602 117	Removal of Chromium(VI) from contaminated water by using the petals of banana blossoms	I.Becky Miriyam	CHE-005	7500/-
6.	Dr.M.D.Duraimurugan Professor Dept. of Petro Chemical Technology Excel College of Engg and Technology, Namakkal-637303	Extraction and recovery of azo dye into an anionic liquid	Kanchaiya Kumar Sumit Kumar Sajid Ahmed K Mohamed Arshad Mahboob N	CHE-006	7500/-
7.	Dr.C.Gomadurai Associate Professor Dept. of Chemical Engg Kongu Engg College Erode-638 060	Experimental Studies on leaching of copper from chalcopyrite using mixed solvent	C.Prabhu V.Shree Ram R.Vinith	CHE-007	7500/-
8.	Mr.D.Sreenivasan Assistant Professor Dept. of Chemical Engg., Paavai Engg College Namakkal-637018	Isolation of Chitin and Chitin derivative from shell waste (<i>Scylla serrata</i>)	A.Suresh Babu S.Parandhaman P.Adnan Sreerag Manikandan	CHE-008	7500/-
9.	Dr.S.Satheeskumar Professor Dept. of Nanotechnology KSR College of Tech Namakkal-637215	Electroless deposition of copper - zinc oxide nano particle on banana bark fiber silk to produce high efficient anti-bacterial bandages	S.Praveen Kumar	CHE-009	5500/-

180.	Mr. G. Arunsankar Associate Professor Dept. of EEE Gojan School of Business and Technology Chennai - 600 052	Photonic Coating - A Novel Solar Photovoltaic Efficiency Enhancement Technique	L. Gowtham Raj D. Karthikeyan V. Ranjith S. Thamilarasan	EEE-053	7500/-
181.	Mr. S. Prasanth Asst. Professor Dept. of Biomedical Engg., GRT Institute of Engineering and Tech., Tiruttani - 631 209	Fully automated pill dispenser based on multiparameter monitoring system	P.R.Divya S.Revathi G.D.Anjutha Priya	EEE-054	7500/-
182.	Dr. P. Rajeswari Professor. of ECE Hindustan College of Engineering and Technology Coimbatore - 641 032	Cooking Oil Quality Measurement	B. Nihil S. Naveen R. Naveen Kumar	EEE-055	7500/-
183.	Dr.K.R.Suja Associate Professor, EEE Amrita college of Engg. & Tech., Nagercoil – 629 902	Enhancing rural electrification using solar micro grid cluster	Keerthana.J.M Arunkumar.K Praveen.S.R	EEE-056	7500/-
184.	Mr. R. Karthikeyan Asst. Professor J.K.K. Nataraja College of Arts and Science Komarapalayam - 638 183	Free energy for charging mobile device using salt water	S.Poorani M.Vidhya	EEE-057	7500/-
185.	Ms. S. Roja Asst. Professor Dept of Computer Applications Government Arts and Science College Orathanadu - 614 625	Automated gas leakage detector and alert system	P.Bavatharani J.Mahalakshmi R.Imaya	EEE-058	7500/-
186.	Ms. R. Nithya Asst. Professor Dept. of Biomedical Engineering Dr. N.G.P. Institute of Technology Coimbatore - 641 048	Identification and treatment of various stages of migraine using EMG	R.Dharshini S.Indhuja M.Nithyapriya K.Rasika	EEE-059	7500/-
187.	Mr. J. Jenifer John Associate Professor Dept. of ECE Jayaraj Annapackiam CSI College of Engineering Nazareth - 628 617	Gas Eye	R.Darvin P.Clinton R.James Vasantha K. Ashwin Raj	EEE-060	4000/-
188.	Ms. J. Priyadarshini Asst. Professor Dept. of EEE JCT College of Engineering and Technology Coimbatore - 641 105	Smart Highway Lighting System with Power Generation	R. Midhila M. S. Sreni K. Athira Rahul Roy	EEE-061	7500/-
189.	Mrs. Rubala Asst. Professor Dept. of ECE Jeppiaar Institute of Technology Chennai - 631 604	Pesticide detector using immune sensor in build in weighing machine	Betty Vefelin Raj B Prathipa K Siva Keerthana	EEE-062	7500/-

344.	Mr. S. Mohanakannan Assistant Professor Dept. of Mechanical Engineering A.V.C College of Engineering Mayiladuthurai - 609305	Power generation by utilising energy of falling water in overhead tank and solar panels	S. Arjun M. Mohamed Ansaar E. Muthu Krishnan	EME-037	7500/-
345.	Mr. V. Parthiban Assistant Professor Dept. of Mechanical Engineering Narasu's Sarathy Institute of Technology Salem - 636305	Auto-pressure control and monitoring of tyres by pressure sensor	M. Premkumar M. Subramani K. Sathishkumar R. Sasikrishna	EME-038	7500/-
346.	Mr.V.Shantha Moorthy Assistatant Professor Dept. of Mech. Engg. Excel Engineering College Komarapalayam – 637 303	Fabrication of Aquatic weed Harvester	Karthik.S Kowsalkumar.S Prasath.M	EME-039	7500/-
347.	Dr. N. Mohanraj Associate Professor Dept. of Mechanical Engineering Sri Krishna College of Technology Coimbatore - 641 042	Emergency Alert System for driver saftey using IoT	K.S. Rahul Viknesh S. Savadamuthu J. Kamalini M. Sakthivel	EME-040	7500/-
348.	Mr. A. Aruljothi Assistant Professor Dept. of Automobile Engineering Karpaga Vinayaga College Of Engineering and Technology Kanchipuram - 603308	Hybrid vehicle with regenerative charging system	R. Suriya G. Sundararaman B. Hari Prasath K. Aravindhan	EME-041	7500/-
349.	Dr. M. Easwaramoorthi Professor & Dean Dept. of Mechanical Engg., Nanda Engineering College Frode-638052	Reclamation of sewage using solar thermal technology	B. Manibarathi R. Mathesan M. Mithiran R. Rajesh	EME-042	7500/-
350.	Mr. S.A. Arokya Anicia Assistant Professor Dept. of Mechanical Engg., Jeppiaar Institute of Technology Chennai - 631 604	Climbing wheel chair with to and fro action of steering	V. Deepakraj N. Karthick K. Sundarapandian R. Vengata Krishnan	EME-043	7500/-
351.	Mr. P. Sabarinath Assistant Professor Dept. of Mechanical Engineering Sri Guru Institute of Technology Coimbatore - 641 110	Design and development of agriculture multi planting system	K. Sudharsan P. Ragumathullah V. Ragul K. Priyadharsan	EME-044	7500/-
352.	Mr. A. Packiyaraj Assistant Professor Dept. of Aeronautical Engg.Tagore Engineering College Chennai - 600 127	Experimental investigation of cyclic loading effect on the mechanical properties of laminated composite	C. Naveen P. Ramesh	EME-045	7500/-



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PAY The Principal, Jeppiaar Institute of Technology, Chennai

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RUPEES रुपये Fifteen Thousand only

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15,000/-

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A/c No.

SB 479135159

FOR MEMBER SECRETARY TN STATE COUNCIL SCIENCE AND TE

992000075

CBS Code: 01636

PAYABLE AT PAR AT ALL OUR BRANCHES

AUTHORISED SIGNATORY

Please sign above

852953 6000191190 135159 31

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Kanchipuram District - 631 604.

HAC & SIGHT Special Call for COVID-19 Proposals: Funding Decision for #20-COV-02

Julianna M Pichardo de la Rosa <j.pichardodelarosa@ieee.org>

Mon 4/13/2020 8:12 PM

To: BENISHA M <benisham@jeppiaarinstitute.org>

Cc: hac-projects <hac-projects@ieee.org>; kumarappan.ieee@gmail.com <kumarappan.ieee@gmail.com>; josephgladwins@gmail.com <josephgladwins@gmail.com>

Dear

Benisha M,

Thank you very much for your recent proposal

"Mechanical Ventilator - COVID'19"

(20-COV-02) in response to the IEEE HAC & SIGHT Special Call for Project Proposals.

The HAC & SIGHT Review Committee

would like to provide support for this project and is pleased to award full funding in the amount of

US \$500. This amount must be used to fund the project as per the budget submitted with the proposal.

Please note: HAC funds may only be

used to support the construction of the ventilator prototype. Funds may **not** be used for tests on people or mass production and deployment.

Medical device manufacturing and deployment are highly regulated fields and require partnership with and approval by relevant national/federal, state, and/or local authorities.

The HAC & SIGHT Review Committee requires

that you clearly measure the project's progress and use of funding and provide brief updates every two weeks, ideally with photos or video for social media sharing, as well as a final report within 2 months of the project's completion.

Please confirm:

1. that you accept the terms of this offer, including the stipulation that funds may **only** be used to develop a proof of concept.
2. that the funds can be routed through the IEEE Madras Section. Once approved by the Madras Section Chair and/or Treasurer (who will need to provide Section bank details), this will be part of a monthly transfer to GIEEE.

Upon receipt of this information,

we can begin to initiate the necessary documents to proceed with this funding.

**We look forward to your response
by End of Day on 16 April 2020.**

Sincerely,
IEEE HAC & SIGHT Review Committee

--

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Kanchipuram District - 631 604.

Julianna M. Pichardo

Program Specialist, Humanitarian Activities & Sustainable Development (IEEE SIGHT)

IEEE Corporate Activities

445 Hoes Lane

Piscataway, NJ 08854 USA

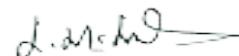
Office: + 1 732.562.2669

Mobile: +1 732.575.0098

j.pichardo@ieee.org

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INDIAN BANK
SUNGUVARCHATRAM
 14 WALAJABAD ROAD , SUNGUVARCHATRAM , KANCHIPURAM DT.
 Branch Code :01787
 Account Number : 6256913493

Product type : CA-GEN-PUB-SEMIURBAN/RURAL-INR

JEPPIAAR INSTITUTE OF TECHNOLOGY (IEEE) - SB

JEPPIAAR NAGAR

KUNNAM

SRI PERUMBUDUR TK

KANCHEEPURAM DT

Email : director@jeppiaarinstitute.org

Statement Date :Wed Jan 27 20:39:35 IST 2021

Cleared Balance :43469.65

Uncleared Amount :0.00

Drawing Power :0.00

Interest Rate : 14.700

Value Date	Post Date	Remitter Branch	Description	Cheque No	DR	CR	Balance
			BALANCE B/F				8211.65CR
09/03/2020	09/03/2020	MUMBAI FORT	C/AC FEES I E E E MADRAS S BKIDB20069846 442 TRANSFER FROM 97167000125 Folio Charges Txn { 00003 }			2000.00	10211.65CR
27/03/2020	27/03/2020		LEDGER FOLIO CHARGES		125.00		10086.65CR
31/03/2020	31/03/2020		MIN BAL CHGS		600.00		9486.65CR
16/05/2020	16/05/2020	MUMBAI FORT	C/AC FEES I E E E MADRAS S BKIDB20137318 969 TRANSFER FROM 97164000128			38020.00	47506.65CR
27/05/2020	27/05/2020	SUNGUVARCHATRAM	CHEQUE WDL TRFR	008311 61	22000.00		25506.65CR

* Statement Downloaded By JEPPIAAR INSTITUTE OF TECHNOLOGY (IEEE) - SB on Wed Jan 27 20:39:35 IST 2

Unless a constituent notifies the Bank immediately of any discrepancy found by him/her in this statement of a/c, it will be taken that he has found the a/c correct.

END OF STATEMENT - from Internet Banking.

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 Sriperumbudur Taluk,
 Kanchipuram District - 631 604.

FORM NO. 16A

[See rule 31(1)(b)]

Certificate under section 203 of the Income-tax Act, 1961 for tax deducted at source

Certificate No. LVHQAIO		Last updated on 09-Mar-2017		
Name and address of the deductor		Name and address of the deducee		
CONFEDERATION OF INDIAN INDUSTRY 23/26 LODHI ROAD, INSTITUTION AL AREA, NEW DELHI - 110003 Delhi +(91)-24634257 brivanconsultants@gmail.com		LOUIS RAJA RETNAM MARY MERLIN LIVINGSTON MARY BHAVAN, SOUTH OF AMALA CONVENT, THUCKALAY - 629175 Tamilnadu		
PAN of the deductor	TAN of the deductor		PAN of the deducee	
AAATC0188R	DELC07910A		AHHPM9415B	
CIT (TDS)		Assessment Year		Period
The Commissioner of Income Tax (TDS) Ayakar Bhawan, District Centre, 6th Floor Room no 610, Hall no. 4 , Luzmi Nagar, Delhi - 110092		2017-18		From 01-Oct-2016 To 31-Dec-2016
Summary of payment				
Sl. No.	Amount paid/ credited	Nature of payment**	Deductee Reference No. provided by the Deductor (if any)	Date of payment/ credit (dd/mm/yyyy)
1	35000.00	194B	2563000000	06-12-2016
Total (Rs.)	35000.00			

Summary of tax deducted at source in respect of Deductee

Quarter	Receipt Numbers of Original Quarterly Statements of TDS Under sub-section (3) of Section 200	Amount of Tax Deduced in respect of Deductee	Amount of Tax Deposited / Remitted in respect of Deductee
Q3	FXBRRJFU	10500.00	10500.00

I. DETAILS OF TAX DEDUCTED AND DEPOSITED IN THE CENTRAL GOVERNMENT ACCOUNT THROUGH BOOK ADJUSTMENT
(The deductor to provide payment-wise details of tax deducted and deposited with respect to the deducee)

Sl. No.	Tax deposited in respect of deducee (Rs.)	Book Identification Number (BIN)			
		Receipt Numbers of Form No. 24G	DDO serial number in Form No. 24G	Date of Transfer voucher (dd/mm/yyyy)	Status of Matching with Form No. 24G
Total (Rs.)	10500.00				

II. DETAILS OF TAX DEDUCTED AND DEPOSITED IN THE CENTRAL GOVERNMENT ACCOUNT THROUGH CHALLAN
(The deductor to provide payment-wise details of tax deducted and deposited with respect to the deducee)

Sl. No.	Tax deposited in respect of the deducee (Rs.)	Challan Identification Number (CIN)			
		BSR Code of the Bank Branch	Date on which tax deposited (dd/mm/yyyy)	Challan Serial Number	Status of matching with OLTAS*
1	10500.00	0510075	07-01-2017	11299	F
Total (Rs.)	10500.00				

Verification

I, KRISHNAN LAKSHMI NARAYANAN, son / daughter of SANTHANA GOPALA KRISHNAN working in the capacity of DIRECTOR (designation) do hereby certify that a sum of Rs. 10500.00 [Rs. Ten Thousand Five Hundred Only (in words)] has been deducted and a sum of Rs. 10500.00 [Rs. Ten Thousand Five Hundred Only] has been deposited to the credit of the Central Government. I further certify that the information given above is true, complete and correct and is based on the books of account, documents, TDS statements, TDS deposited and other available records.

[Signature]

Place	NEW DELHI	(Signature of person responsible for deduction of tax)
Date	10-Mar-2017	
Designation: DIRECTOR		Full Name: KRISHNAN LAKSHMI NARAYANAN

Notes:

1. Form 16A contains the latest transaction reported by the deductor in the TDS / TCS Statement. For further details please view your 26AS for same AY on the website <https://www.tdscpc.gov.in>
2. To update the PAN details in Income Tax Department database, apply for 'PAN change request' through NSDL or UTITSL
3. In items I and II, in column for tax deposited in respect of deductee, furnish total amount of TDS, surcharge (if applicable) and education cess (if applicable).

Legend used in Form 16A*** Status of matching with OLTAS**

Legend	Description	Definition
U	Unmatched	Deductors have not deposited taxes or have furnished incorrect particulars of tax payment. Final credit will be reflected only when payment details in bank match with details of deposit in TDS / TCS statement
P	Provisional	Provisional tax credit is effected only for TDS / TCS Statements filed by Government deductors. "P" status will be changed to Final (F) on verification of payment details submitted by Pay and Accounts Officer (PAO)
F	Final	In case of non-government deductors, payment details of TDS / TCS deposited in bank by deductor have matched with the payment details mentioned in the TDS / TCS statement filed by the deductors. In case of government deductors, details of TDS / TCS booked in Government account have been verified by Pay & Accounts Officer (PAO)
O	Overbooked	Payment details of TDS / TCS deposited in bank by deductor have matched with details mentioned in the TDS / TCS statement but the amount is over claimed in the statement. Final (F) credit will be reflected only when deductor reduces claimed amount in the statement or makes new payment for excess amount claimed in the statement

**** Nature of Payment**

Section Code	Description
193	Interest on Securities
194	Dividends
194A	Interest other than 'Interest on securities'
194B	Winning from lottery or crossword puzzle
194BB	Winning from horse race
194C	Payments to contractors and sub-contractors
194D	Insurance commission
194E	Payments to non-resident sportsmen or sports associations
194EE	Payments in respect of deposits under National Savings Scheme
194F	Payments on account of repurchase of units by Mutual Fund or Unit Trust of India
194G	Commission, price, etc. on sale of lottery tickets
194H	Commission or brokerage
194I	Rent
194I(a)	Payment of Rent for the use of any machinery or plant or equipment
194I(b)	Payment of Rent for the use of land or building or land appurtenant or furniture or fittings
194J	Fees for professional or technical services
194K	Income payable to a resident assessee in respect of units of a specified mutual fund or of the units of the Unit Trust of India
194LA	Payment of compensation on acquisition of certain immovable property
194LB	Income by way of Interest from Infrastructure Debt fund
194LC	Income by way of interest from specified company payable to a non-resident
194LBA	Certain income from units of a business trust
194LBB	Income in respect of units of investment fund
194LBC	Income in respect of investment in securitization trust

Section Code	Description
195	Other sums payable to a non-resident
196A	Income in respect of units of non-residents
196B	Payments in respect of units to an offshore fund
196C	Income from foreign currency bonds or shares of Indian company payable to non-residents
196D	Income of foreign institutional investors from securities
206CA	Collection at source from alcoholic liquor for human consumption
206CB	Collection at source from timber obtained under forest lease
206CC	Collection at source from timber obtained by any mode other than a forest lease
206CD	Collection at source from any other forest produce (not being tendu leaves)
206CE	Collection at source from any scrap
206CF	Collection at source from contractors or licensee or lease relating to parking lots
206CG	Collection at source from contractors or licensee or lease relating to toll plaza
206CH	Collection at source from contractors or licensee or lease relating to mine or quarry
206CI	Collection at source from tendu Leaves
206CJ	Collection at source from on sale of certain Minerals
206CK	Collection at source on cash case of Bullion and Jewellery
206CL	Collection at source on sale of Motor vehicle
206CM	Collection at source on sale in cash of any goods (other than bullion/jewelry)
206CN	Collection at source on providing of any services (other than Ch-XVII-B)

L. M. N.

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Jeppiar Nagar, Kunnam
Sriperumbudur Taluk,
Kanchipuram District - 631 604.

Signature Not Verified

Digitally signed by KRISHNAN
LAKSHMI NARAYANAN
Date: 2017.03.10 16:27:52 IST

Executive Committee

Chairman

Dr.M. A. Atmanand

To,
The Principal,
Jeppiaar Institute of Technology,
Chennai.

Vice - Chairmen

Mr.H.R. Mohan

Dr. N. Kumarappan

Secretary

Dr. P. Sakthivel

Treasurer

Dr. P. Sakthivel

Members

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Dr. S. Radha

Mr.P. Subramanian

Mr.Pandian gurusamy

Dr.B. Paramasivan

Dr. R. Dhanasekaran

Past Chairperson

Dr.N.R. Alamelu

Date: 3rd June 2016

Sub: Student Project Funding 2015 -16 reg.

Respected Sir / Madam,

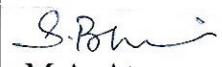
Our Committee congratulates the students and the project guide for the meticulous execution of the project work and is pleased to grant the project fund for the same.

So please find attached the cheque and certificate of merit from IEEE Madras section.

Kindly acknowledge the same.

Thanking you

Best Regards,



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Kanchipuram District - 631 604.

M.A. Atmanand
Chairman, IEEE Madras Section

Enclo: 1) Ch No: 012726, Ch.Dt: 25/05/2016, Ch. Amt.: Rs.3,000/-

2) Certificate: 2



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MYLAPORE C P BANKING BRANCH, CHENNAI - 600 004
IFSC: BKID0008002

जारी करने की तारीख से 3 महीने के लिए वैध। VALID FOR 3 MONTHS FROM THE DATE OF ISSUE.

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