

SRI KRISHNADEVARAYA EDUCATIONAL TRUST'S

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY

Krishnadevarayanagar, Hunasamaranahalli, Off. International Airport Road, Bengaluru - 562 157.

(Affiliated to Visvesvaraya Technological University, Recognised by AICTE & Accredited by National Board of Accreditation, New Delhi. An ISO 9001 : 2008 Certified Institution.)

Ph.: 080 - 2846 7248 / 2847 7024 / 25 / 26 Fax : 080-2846 7081

E-mail : principal@sirmvit.edu, sirmvitbgl@gmail.com, Web : www.sirmvit.edu



Date: 30-01-2023

RECEIPT

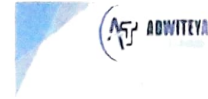
Received with thanks from M/s Srikem laboratories Pvt. Ltd., Taloja, Navi Mumbai a sum of **Rs. 3,60,000/-** (Rupees three lakhs sixty thousand only) paid by RTGS on 27-12-2022, bearing transaction id- **HDFCR52022122770880497** towards for the project entitled “**Microbial Biotransformation of UDCA (Ursodeoxycholic acid) from CDCA (Chenodeoxycholic acid)**” being undertaken at the Department of Biotechnology, Sir M Visvesvaraya Institute of Technology, Bengaluru.


PRINCIPAL 30/1/23

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
Krishnadevarayanagar, Hunasamaranahalli,
International Airport Road, BANGALORE-562 157



Sir M. Visvesvaraya Institute Of Technology,
Hunasamaranahalli, Bengaluru-56



VMMJ+389, Choodasandra, Bengaluru,
Karnataka 560035

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) has been entered on **06.01.2023**

By and Between

Sir M Visvesvaraya Institute of Technology having its campus at Hunasamaranahalli, Bengaluru-562157 and represented by **Prof. Rakesh S. G., Principal.**

AND

Advwiteya Technology, A Venture of ADVI Group, VMMJ+389, Choodasandra, Bengaluru-560035, Karnataka and represented by **Sri B. S. Manusudan.**

About the company

Enterprises are leveraging the power of software to modernize their IT infrastructure to run operations with tranquility, drive extreme automation, re-imagine legacy business processes and remain agile through an ideal mix of on premise infrastructure, public, private and hybrid clouds. All this, while proactively countering the growing security threat landscape and optimizing the cost of operations. The company helps to explore a journey where the students are given a real time projects on the latest domains like Artificial Intelligence (AI) and Machine Learning (ML), Robotic Process Automation (RPA), Edge Computing, Quantum Computing, Virtual Reality (VR), Augmented Reality (AR), Block chain, Embedded Systems and Cyber Security on product design.

It develops and continuously evaluate system so as to pursue quality in all their deliverable. At their team, they are completely dedicated to customer's requirement. Their products are designed and devoted to empower the competitive edge and help to succeed.

Objective of the EDC

1. To act as an institutional mechanism for providing various services including information on all aspects of enterprise building to budding S&T (Science and Technology) entrepreneurs.
2. To catalyze and promote development of S&T knowledge-based enterprises and promote employment opportunities in the innovative areas.
3. To respond effectively to the emerging challenges and opportunities both at national and international level relating to SMEs and micro enterprises.



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Hunasamaranahalli, Bengaluru-56



VMMJ+389, Choodasandra, Bengaluru,
Karnataka 560035

Proposed Functions of EDC:

1. Complete Lab setup will be by the ADVI group of companies excluding workstations and Internet LAN connectivity, with expert trainers and latest equipment.
2. No financial cost raised between college/universities and company.
3. To conduct research work and survey for identifying entrepreneurial opportunities (particularly in S&T areas and service sectors)
4. The students will be trained with latest technologies.
5. The trained student will be certified with the company Certificate.
6. The best productive deliverable students will be given a token of appreciation based on the project.
7. The students, who performs well in the project will be deputed to Indian office as the employee.
8. The components for the project implementation will be provided by ADVI group of Companies.
9. Any student can visit our company to work on more live projects.
10. To provide testing, calibration, quality assurance, design, tool room, pilot plant and other facilities to the students besides expertise in intellectual property rights, patents search, etc.
11. If the students have any idea they may be helped to implement on it.

Benefits to the Students:

Value support Mechanism

- Critical thinking and problem solving in implementation of algorithms.
- Project management on a turnkey basis.
- Developing and implementing systems and procedures of client projects.
- Channelizing organization's objectives to improve skill set of students.
- Identifying and seizing new opportunities by providing client / consulting projects.



Sir M. Visvesvaraya Institute Of Technology,
Hunasamaranahalli, Bengaluru-56



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- Providing expert opinion and guidance from wide panel of mentors.
- Hands-on session for the students to handle the projects on board.
- Embedded system kernel programming for students on device drives.
- Research Scholars can work on innovative product, problems on a specific domain will be shared among research students.
- Internship for students will be provided on consulting projects.
- One Project In charge/coordinator can be always seated on campus to assist students, if required.

Benefits to college:

- Facilitating the workshop / FDP in cutting edge Technology.
- Working knowledge on LIVE projects.
- Certified Courses for students will be conducted as per the requirement of colleges.
- Complete equipment will be set up by the company, like components, software other funding agencies in the name of tools, hardware modules and accessories required for the conduction of project, providing mentors at the University Campus in the ratio of 1:30.
- If performance is best, the student will be directly absorbed by the company. At the end of Internship we provide a test on modules designed, if he/she delivers the output the same will be appointed.
- Incorporation of any advanced technology in the market.



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Hunasamaranahalli, Bengaluru-56



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Karnataka 560035

MEASURABLE BENEFITS

- Creates a zero-ego state of mind.
- Enhances professional-personal efficiencies.
- Awakens dormant potentials within.
- Reinforces self-confidence.
- Builds work-life balance.
- Induces positive personal score cards.
- Creates masteries in every sphere of life.

KEY NOTE:

1. No Financial burden to the college.
2. For each domain Company will set up the lab from company account.
3. Damage of any components, no fine will be collected from students Internship.
4. New tool learning charges are by dividing system for students, components like ARM board, Pi boards and embedded _ board free cost.
5. Best performance students will be absorbed by company.

TERMS AND CONDITIONS:

1. This agreement of MOU may be executed by both the parties each of which shall be deemed as original and together shall constitute one and the same document.
2. The parties shall keep each other informed and shall share all information that may be relevant to secure additional opportunities of interaction for mutual benefit.



Sir M. Visvesvaraya Institute Of Technology,
Hunasamaranahalli, Bengaluru-56



VMMI-389, Choodasandra, Bengaluru,
Karnataka 560035

3. There shall not be any issues binding legally and financially whatsoever, between Sir M Visvesvaraya Institute of Technology, Hunasamaranahalli, Bengaluru-562157 and ADVI Group.
4. The parties shall take all necessary steps to protect the confidentiality of technical know-how, resource materials or proprietary information, which either party shall use only for the purposes highlighted in the agreement.
5. Award of certificates would be to only those who register and successfully complete the training programs/workshops.
6. Press note, public announcements or any other disclosure concerning this agreement shall be made available at relevant platforms, only after mutual consent.
7. If any dispute arises, it shall be resolved mutually by both the parties. However, the decision of CEO of ADVI Group and Prof. Rakesh S.G, the Principal of Sir M Visvesvaraya Institute of Technology, Hunasamaranahalli, Bengaluru-562157 as agreed upon will be final & binding.

VALIDITY:

This agreement of co-operation is valid for duration of three years (3 years) with effect from the date of signing of the agreement of co-operation and may be renewed with mutual consent thereafter. Either party can cancel or terminate this agreement unilaterally without assigning any reason by giving an advance notice of 30 days to the other party.



Sir M. Visvesvaraya Institute Of Technology,
Hunasamaranahalli, Bengaluru-56



VMMJ+389, Choodasandra, Bengaluru,
Karnataka 560035

The Memorandum of Understanding shall come into effect from **06.01.2023**

In witness where the parties have set their hands here to on the day & year written above under their representative seal of office.

For: **Sir M Visvesvaraya Institute of Technology**

For: **ADVI GROUP**

06/01/2023

Name: **Prof. Rakesh S.G.**

Designation: **Principal**

Date: 06.01.2023.

6/1/23

Name: **Sri B. S. Manusudan**

Designation: **CEO-ADVI**

Date: 06.01.2023.

Witness (Name & Designation)

1

6/1/23
(Dr. Ch. Vani Pragna)
H.O.D., Dept of MCA

2

3

Witness: (Name & Designation)

1

6/1/23
[L. A. Lalitha]

2

3

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY

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**DEPARTMENT OF COMPUTER APPLICATION**

The following students have been successfully completed 4-week INTERNSHIP in the department of MCA under our supervision.

S.No	USN	Name
1	1MV21MC003	Alok Ranjan
2	1MV21MC004	Anil Kumar K Y
3	1MV21MC010	Ganesh Kodihalli
4	1MV21MC011	Godugunuru Sai Meghana
5	1MV21MC012	Hariom Mishra
6	1MV21MC013	Harshitha B
7	1MV21MC019	Kirana Basavaraj Hallur
8	1MV21MC020	Kushal M A
9	1MV21MC021	Likhith R
10	1MV21MC023	Manoj Moodabagil
11	1MV21MC024	Manoj Moodabagil
12	1MV21MC031	Pavan Kumar S
13	1MV21MC033	Pooja K B
14	1MV21MC037	Rakshitha S
15	1MV21MC038	Ruchitha P S
16	1MV21MC041	Sanaulla
17	1MV21MC042	Saurabh Kumar
18	1MV21MC044	Shiva Sahani M
19	1MV21MC045	Shivam Kumar
20	1MV21MC046	Shreya H S
21	1MV21MC049	Simran Sinha
22	1MV21MC050	Sindhu K R
23	1MV21MC052	Somashekhar S M
24	1MV21MC053	Somashekhara G
25	1MV21MC056	Syed Asgar Ahmed
26	1MV21MC057	Thanuja H S
27	1MV21MC059	Vinay B T
28	1MV21MC060	Bindushree R
29	1MV21MC005	Ayanambakam Umesh Chandra Reddy
30	1MV21MC026	Monish B K
31	1MV21MC027	Murari Kumar Pathak


 Head of Human Resources Technology
 ADVI Research Pvt Ltd
 ADWITEYA TECHNOLOGY


 Prof. & Head
PROF & HEAD
 MASTER OF COMPUTER APPLICATIONS
 Sir M. Visvesvaraya Institute of Technology
 Hunasamaranahalli, Bangalore-562 157

Provisional Offer Letter

Date: 12th April, 2023

To,

Aishwarya T S
1MV21CS003
III Sem, Department of CSE,
Sir M Visvesvaraya Institute of Technology
Krishnadevaraya Nagar
Hunasamaranahalli
Bangalore – 562157

Sub: Letter of Appreciation

M/S ADVI Group of Companies would like to appreciate the involvement and passion of Ms. Aishwarya in learning Technical content writing and Documentation in Latex Overleaf. With her interest and request we would like to offer her internship with token of appreciation to motivate her and support her academics financially with the helping hand of Rs.6,000 (Rs. Six Thousand only) per month as long as she continues to be in the projects/internship.

If the performance on dialy basis is consistent, we would also like to bear her academic fee of Rs.40,000 (Rs. Forty Thousand only) per annum.

We wish her Good luck and a bright career.

Head of Human Resources
ADVI Research Pvt Ltd

ADVI GROUP OF COMPANIES
122/123, First Floor,

Sincerely,
Ms. Lalitha
Project Manager

Provisional Offer Letter

Date: 12th April, 2023

To,

Syed Asgar Ahmed
Sir M Visvesvaraya Institute of Technology
Krishnadevaraya Nagar
Hunasamaranahalli
Bangalore – 562157

M/S ADVI Group of Companies would like to appreciate the involvement and passion of Mr. Syed Asgar Ahmedin LIVE INTERNSHIP on Product Design . With his interest and request we would like to offer him internship with token of appreciation to motivate him and support his academics financially with the helping hand of Rs.6,000 (Rs. Six Thousand) per month as long as he continues to be in the projects/internship till the academic calender 2023.

Upon the completion of the academic year 2023 you are offered Product Design Engineer – Trainee at M/s ADWITEWYA TECHNOLOGY , A venture of ADVI group of companies with a package upto 3 Lakhs Per Annum .Job responsibilities will be signed on 17/04/2023 upon the acceptance of this letter .

We wish him Good luck and a bright career.

Head of Human Resources
ADVI Group of Companies

M/s ADVI GROUP OF COMPANIES
422/422 First Floor.

Sincerely,
Ms. Lalitha
Project Manager

Provisional Offer Letter

Date: 24th April, 2023

To,

Ruchitha P S
1MV21MC038
IV Sem, Department of MCA,
Sir M Visvesvaraya Institute of Technology
Krishnadevaraya Nagar
Hunasamaranahalli
Bangalore – 562157

Sub: Letter of Appreciation

M/S ADVI Group of Companies would like to appreciate the involvement and passion of Ms. Ruchitha P S in learning Technical Project Management and getting trained for new upcoming Hyderabad division, the training involves building networking, campus online / off campus selection, training the new employees, shortlisting of candidates and over all execution of Hyderabad office. A sim card numbered 9513407413 is allocated to handle officially. With her interest and request we would like to offer her internship with token of appreciation to motivate her and support her academics financially with the helping hand of Rs.3,000 (Rs. Three Thousand) per month as long as she continues to be in the projects/internship.

If the performance on dialy basis is consistent, we would also like to appoint for Hyderabad Office based on the availability of Vaccancy .

We wish her Good luck and a bright career.

Head of Human Resources
ADVI Research Pvt Ltd



Sincerely,
Ms. Lalitha
Project Manager

ASPARTIKA BIOTECH PRIVATE LIMITED

Date: 1st, September 2018.

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Gajbhiye Sanjana student of BE in Biotechnology from Sir M Visvesvaraya Institute of Technology have successfully completed internship during the period (9th July,2018 - 29th August,2018). Her performance was appreciable.

We wish her success in all her future endeavors.



Authorized Signatory

GSTIN: 29AANCA3338F1ZK

CIN: U24232KA2015PTC079484

R & D UNIT:

TECHNOLOGY INCUBATION CENTRE, SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY CAMPUS,
HUNASAMARANAHALLI, INTERNATIONAL AIRPORT ROAD, BANGALORE-562 157
PH: 080-28467735

www.aspartika.com

Email: aspartika.india@gmail.com

info@aspartika.com

ASPARTIKA BIOTECH PRIVATE LIMITED

Date: 1st, September 2019.

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Shaikh Faqrunnisha student of BE in Biotechnology from Sir M Visvesvaraya Institute of Technology has successfully completed internship during the period (9th July, 2018 - 17th August, 2018). Her performance was appreciable.

We wish her success in all her future endeavors.



Authorized Signatory

GSTIN: 29AANCA3338F1ZK

CIN: U24232KA2015PTC079484

R & D UNIT:

TECHNOLOGY INCUBATION CENTRE, SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY CAMPUS,
HUNASAMARANAHALLI, INTERNATIONAL AIRPORT ROAD, BANGALORE-562 157
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www.aspartika.com

Email: aspartika.india@gmail.com

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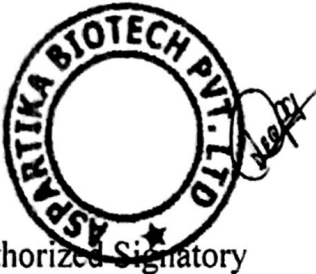
ASPARTIKA BIOTECH PRIVATE LIMITED

Date: 18th August, 2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Sneha M (USN No: IMV15BT036), student of Sir M Visvesvaraya Institute of Technology, Bangalore, has successfully completed her internship entitled, "BASIC TECHNIQUES IN ANALYSIS OF AGRICULTURAL WASTES" during the period 9th July, 2018 - 5th August, 2018.

We wish her success for all of her future endeavors.



Authorized Signatory

GSTIN: 29AANCA3338F1ZK

CIN: U24232KA2015PTC079484

R & D UNIT:

TECHNOLOGY INCUBATION CENTRE, SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY CAMPUS,
HUNASAMARANAHALLI, INTERNATIONAL AIRPORT ROAD, BANGALORE-562 157

PH: 080-28467735

ASPARTIKA BIOTECH PRIVATE LIMITED

Date: 16 /03/2020

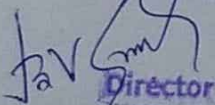
Ref: 01/20/HR-008

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the internship entitled “**HANDS ON TRAINING ON INSTRUMENTATION AND METHOD DEVELOPMENT FOR EVALUATION OF HERBAL EXTRACTS**” is a bonafied work carried out by Ms. Pratheesha (USN:1MV17BT018) student of B.E Biotechnology from Sir M Visvesvaraya Institute of Technology, Bangalore. She has successfully completed 2months (7th Jan 2020-14th March) internship programme. During the period of her internship programme with us, her performance was appreciable.

We wish her success in all her future endeavors.

For ASPARTIKA BIOTECH PVT. LTD


Director

Authorized Signatory

GSTIN: 29AANCA3338F1ZK

CIN: U24232KA2015PTC079484

R & D UNIT:
TECHNOLOGY INCUBATION CENTRE, SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY CAMPUS,
HUNASAMARANAHALLI, INTERNATIONAL AIRPORT ROAD, BANGALORE-562 157
PH: 080-28467735

ASPARTIKA BIOTECH PRIVATE LIMITED

Ref: 01/20/HR-009

Date: 16 /03/2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the internship entitled “HANDS ON TRAINING ON INSTRUMENTATION AND METHOD DEVELOPMENT FOR EVALUATION OF HERBAL EXTRACTS” is a bonafied work carried out by Mr. Rangon Dutta (USN:1MV17BT021) student of B.E Biotechnology from Sir M Visvesvaraya Institute of Technology, Bangalore. He has successfully completed 2 months (7th Jan 2020-14th March) internship programme. During the period of his internship programme with us, his performance was appreciable.

We wish him success in all of his future endeavors.


Authorized Signatory

GSTIN: 29AANCA3338F1ZK

CIN: U24232KA2015PTC079484

R & D UNIT:
TECHNOLOGY INCUBATION CENTRE, SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY CAMPUS,
HUNASAMARANAHALI, INTERNATIONAL AIRPORT ROAD, BANGALORE-562 157
PH: 080-28467735

ASPARTIKA BIOTECH PRIVATE LIMITED

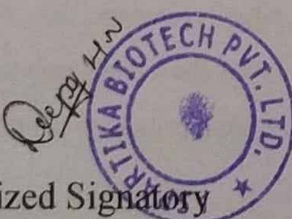
Ref: 01/20/HR-010

Date: 16 /03/2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the internship entitled “HANDS ON TRAINING ON INSTRUMENTATION AND METHOD DEVELOPMENT FOR EVALUATION OF HERBAL EXTRACTS” is a bonafied work carried out by Ms. Sahana S (USN:1MV17BT024) student of B.E Biotechnology from Sir M Visvesvaraya Institute of Technology, Bangalore. She has successfully completed 2months (7th Jan 2020-14th March) internship programme. During the period of her internship programme with us, her performance was appreciable.

We wish her success in all her future endeavors.


Authorized Signatory

GSTIN: 29AANCA3338F1ZK

CIN: U24232KA2015PTC079484

R & D UNIT:
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PH: 080-28467735

INTERNSHIP CERTIFICATES



ASPARTIKA BIOTECH PRIVATE LIMITED

CIN: U24232KA2015PTC079484

Ref: ASP/09/HR-002/2021-22

Date: 25/09/21

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the internship entitled "**HANDS ON TRAINING ON GAS CHROMATOGRAPHY ANALYSIS AND EXTRACTION TECHNIQUES**" is a bonafide work carried out by Mr. ABHISHEK (USN: 1MV18BT001) student of B.E Biotechnology, from Sir M Visvesvaraya Institute of Technology, Bangalore. He has successfully completed, one month (24th Aug 2021-24th Sep 2021) internship programme. During the period of his internship program with us, his performance was appreciable.

We wish him success in all his future endeavours.


Authorized Signatory



R & D UNIT:
TECHNOLOGY INCUBATION CENTRE, SIR M.
VISVESVARAYA INSTITUTE OF TECHNOLOGY CAMPUS,
HUNASAMARANAHALLI, INTERNATIONAL AIRPORT ROAD,
BANGALORE-562 157

REGISTERED OFFICE & PRODUCTION UNIT:
SHED NO 07, DODDABALLAPUR INTEGRATED
TEXTILE PARK LTD, SW-51, APPAREL PARK,
PHASE II, KIADB DODDABALLAPUR BANGALORE
RURAL - 561203

Contact No: +91 9538730365

www.aspartika.com

Email: aspartika.india@gmail.com

info@aspartika.com



ASPARTIKA BIOTECH PRIVATE LIMITED

Reference No: ASP/11/HR-004/22-23

Date: 10-11-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the internship entitled “**HANDS ON TRAINING ON EXTRACTION OF PHYTOCOMPOUNDS AND ITS APPLICATIONS**” is a bonafied work carried out by **Ms. Chathurthy** (USN:1MV19BT005) student of B.E Biotechnology from Sir M Visvesvaraya Institute of Technology, Bangalore. She has successfully completed one month (22nd Aug 2022 - 22nd Sep 2022) internship programme. During the period of her internship programme with us, her performance was appreciable.

We wish her success in all her future endeavours.

Authorized Signatory

For ASPARTIKA BIOTECH PRIVATE LIMITED


DIRECTOR

GSTIN: 29AANCA3338F1ZK

CIN: U24232KA2015PTC079484

R & D UNIT:
TECHNOLOGY INCUBATION CENTRE, SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY CAMPUS,
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Email: aspartika.india@gmail.com

info@aspartika.com



ASPARTIKA BIOTECH PRIVATE LIMITED

Reference No: ASP/11/HR-005/22-23

Date: 10-11-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the internship entitled "HANDS ON TRAINING ON EXTRACTION OF PHYTOCOMPOUNDS AND ITS APPLICATIONS" is a bonafied work carried out by **Mr. Rohan Thomas Cherian** (USN:1MV19BT019) student of B.E Biotechnology from Sir M Visvesvaraya Institute of Technology, Bangalore. He has successfully completed one month (22nd Aug 2022 - 22nd Sep 2022) internship programme. During the period of his internship programme with us, his performance was appreciable.

We wish him success in all his future endeavours.

Authorized Signatory

For ASPARTIKA BIOTECH PRIVATE LIMITED

A handwritten signature in blue ink, appearing to read 'Dr. V. V. V.', is written over a rectangular stamp. The stamp contains the word 'DIRECTOR' in capital letters.

GSTIN: 29AANCA3338F1ZK

CIN: U24232KA2015PTC079484

R & D UNIT:
TECHNOLOGY INCUBATION CENTRE, SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY CAMPUS,
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PH: 080-2846 7735

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Email: aspartika.india@gmail.com

info@aspartika.com



ASPARTIKA BIOTECH PRIVATE LIMITED

Reference No: ASP/11/HR-006/22-23

Date: 10-11-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the internship entitled "HANDS ON TRAINING ON EXTRACTION OF PHYTOCOMPOUNDS AND ITS APPLICATIONS" is a bonafied work carried out by **Ms Trisha C** (USN:1MV19BT028) student of B.E Biotechnology from Sir M Visvesvaraya Institute of Technology, Bangalore. She has successfully completed one month (22nd Aug 2022 - 22nd Sep 2022) internship programme. During the period of her internship programme with us, her performance was appreciable.

We wish her success in all her future endeavours.

Authorized Signatory

For ASPARTIKA BIOTECH PRIVATE LIMITED

A handwritten signature in blue ink, appearing to read 'Dr. V. Kumar', is written over a rectangular stamp. The stamp contains the word 'DIRECTOR' in capital letters.

GSTIN: 29AANCA3338F1ZK

CIN: U24232KA2015PTC079484

R & D UNIT:
TECHNOLOGY INCUBATION CENTRE, SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY CAMPUS,
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info@aspartika.com



ASPARTIKA BIOTECH PRIVATE LIMITED

Reference No: ASP/11/HR-003/22-23

Date: 10-11-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the internship entitled “HANDS ON TRAINING ON EXTRACTION OF PHYTOCOMPOUNDS AND ITS APPLICATIONS” is a bonafied work carried out by **Ms. U Aishwarya** (USN:1MV19BT030) student of B.E Biotechnology from Sir M Visvesvaraya Institute of Technology, Bangalore. She has successfully completed one month (22nd Aug 2022 - 22nd Sep 2022) internship programme. During the period of her internship programme with us, her performance was appreciable.

We wish her success in all her future endeavours.

Authorized Signatory

For ASPARTIKA BIOTECH PRIVATE LIMITED


DIRECTOR

GSTIN: 29AANCA3338F12K

CIN: U24232KA2015PTC079484

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PH: 080-28467735

www.aspartika.com

Email: aspartika.india@gmail.com

info@aspartika.com



Biotechnology Industry Research Assistance Council

(A Government of India Enterprise)

31.3.2016

To,

Mr. Srinivas B V

Director & Project Coordinator,

Aspartika Biotech Pvt Ltd

3221, I Floor, I Main,

7th Cross, Nagamma Layout, Kavalbyrasandra, R T Nagar Post, Bengalure, Karnataka -

560 032

shrinivasan.v.bandlamori@gmail.com

Dr. Nagendra H.G.

Professor And Head

Sir M Visvesvaraya Institute of Technology

International Airport Road,

Hunasamaranahalli, Bangalore - 562 157

Ref: BIPP Project Title "Establishment of pilot-scale Supercritical Fluid Extraction unit for nutraceutical and cosmeceutical products development"

Dear Mr. Srinivas,

With reference to your above mentioned BIPP Proposal, we are pleased to inform that your proposal has been approved by BIRAC at a total cost of Rs.201.00 lakhs with BIPP support of Rs.85.70 lakhs to Company and Rs.24.60 lakhs to Sir M Visvesvaraya Institute of Technology and Company contribution of Rs.90.70 lakhs for 24 months as per the terms of the Grant in Aid Letter Agreement (GLA) enclosed

If you are in acceptance with the terms of funding support as mentioned in the GLA, the following documents should be executed within a time period of four weeks from the date of issue of this communication

- **Grant-in-aid Letter Agreement (GLA):** All pages including Schedules (**coloured printout only**) to be clearly initialled by the company and collaborator. The Company should affix the Company common seal on the signature page to the GLA and seal of the Institute to be affixed in the same page.
- **Royalty Agreement:** Executed on Rs. 200/- Non-Judicial Stamp Paper, all pages to be clearly initialled and the Company should affix the Company common seal on the signature page. (2 sets to be provided)
- **Board resolution** from the Company in the prescribed format of BIRAC with satisfying one of the conditions listed:

Common seal must be affixed

Two directors signatures to be affixed

Signatures of one Director and one CS

No lien document on the Bank's letter head to be submitted by the Company with regard to specific project account in the prescribed format of BIRAC. As per terms mentioned in Schedule 1 of the GLA the company shall keep the Grant-in-aid assistance and their project contribution in separate No-lien account. Hence company has to open a separate No-Lien account of Rs.176.40 lakhs for both i.e. Company's contribution + BIRAC funding. (template enclosed for reference).



H. G. Nagendra
Dr. H.G. Nagendra
Professor & Head

Srinivas B V

- The No-Lien account should be opened in the Bank that provides Cheque Book Facility. Copy of cancelled cheque to be provided along with GLA.
- **Letter of Authorisation:** LOA is required from institute in favour of person who is executing the GLA on behalf of the institute. This may kindly be provided as per the prescribed format of BIRAC.
- **IP Details:** The background information on IP may be provided by the company. If there are no details please fill "NIL".

The Grant-in-Aid Letter agreement has been executed by BIRAC kindly take a colour printout of the GLA and the schedules (two copies BIRAC & Company) and execute the same from your end.

The first instalment of fund release will be made only after completion of all these formalities and upon submission of above mentioned documents as per norms.

Note: Non conveyance of the acceptance within four weeks will render the present offer of funding support infructuous and the project will be treated as withdrawn.

For Biotechnology Industry Research Assistance Council

Sanjay Saxena
(Dr. Sanjay Saxena)
Head Investment

H. G. Nagendra

Dr H.G. Nagendra
Professor & Head
Department of Biotechnology
Sir M. Visvesvaraya Institute of Technology
BANGALORE - 562157



B. V. G. S. M. D.





Biotechnology Industry Research Assistance Council

(A Government of India Enterprise)

File Ref. No. BT/BIPP0927/35/15

Dated : 31.3.2016

Subject: Funding of Project entitled "Establishment of pilot-scale Supercritical Fluid Extraction unit for nutraceutical and cosmeceutical products development" for funding under -BIPP

GRANT-IN-AID LETTER AGREEMENT

This Grant-in-aid Letter Agreement (hereinafter called as "GLA") is between Biotechnology Industry Research Assistance Council, a Government of India enterprise, incorporated under the Companies Act, 1956 having its office at 1st Floor, MTNL Building, 9, CGO Complex, Lodhi Road, New Delhi- 110003 (the "BIRAC") and the Recipients mentioned below for research "Establishment of pilot-scale Supercritical Fluid Extraction unit for nutraceutical and cosmeceutical products development"

1. Recipient(s) and Designated Project Investigator(s):

S. No.	Recipient(s)	Designated Project Investigator
1	M/s Aspartika Biotech Pvt Ltd, a Company incorporated under the Companies Act, 2013 having its registered office at # 3221, I Floor, I Main, 7 th Cross, Nagamma Layout, Kavalbyrasandra, R T Nagar Post, Bengalure, Karnataka - 560 032, 91-80-28467735, 91-9538730365, hereinafter referred to as the "Company" (which expression shall wherever the context so admits include its successors in interest, liquidators, administrators and permitted assignees).	Mr. Srinivas B V Director & Project Coordinator, Aspartika Biotech Pvt Ltd # 3221, I Floor, I Main, 7 th Cross, Nagamma Layout, Kavalbyrasandra, R T Nagar Post, Bengalure, Karnataka - 560 032 shrinivasan.v.bandlamori@gmail.com
2	M/s Sir M Visvesvaraya Institute of Technology, an Institute affiliated to Visvesvaraya Technological University, Belagavi having its office at Krishnadevaraya Nagar, Hunsamaranahalli, Off International Airport Road, Bengaluru - 562 157; 91-080-28467248, 91-9880129751, www.sirmvit.edu, hereinafter referred to as the "Institute" (which expression shall wherever the context so admits include its successors in interest, liquidators, administrators and	Dr. Nagendra H.G. Professor And Head Sir M Visvesvaraya Institute of Technology International Airport Road, Hunasamaranahalli, Bangalore - 562 157



Dr. H.G. Nagendra
Dr H.G. Nagendra
Professor & Head

Sanjay Saxena



2. Aims & Objectives:

The detailed aims and the objectives that are to be executed by the aforesaid are as per the detailed Project document, submitted including revisions / modifications incorporated therein (hereinafter called as "Project") and appended herein as Schedule 3.

The main objectives proposed to be achieved from the project are enumerated hereunder:

- Procurement and purchase of the supercritical extraction facility and extraction of oil rich in omega-3 fatty acid from silkworm pupae
- Enrichment of oil with omega-3 fatty acids
- Deoiled cake utilization for various end uses

3. Project Duration: The Recipients shall complete the Project within the stipulated period of **24** months from the date of acceptance of the GLA (and execution of the Royalty Agreement in case of BIPP) by all the recipients. In the event the Parties affix their signatures to this GLA on separate dates, the GLA shall be effective from the date on which the last set of signature is affixed thereto ("**Effective Date**"). Project Duration is subject to the Change order(s) issued by the BIRAC from time to time.

4. Project Implementation Site:

Technology Incubation Center,
Sir M Visvesvaraya Institute of Technology Campus,
KHRC Building, Krishnadevaraya Nagar,
Off International Airport Road, Bengaluru-562157

5. Project Cost and Contribution: The total estimated cost of the Project is **Rs. 201.00** Lakhs (Rupees Two Hundred One Lakhs only). The contribution of BIRAC is **Rs. 110.30** Lakhs (Rupees One Hundred Ten Lakhs and Thirty Thousand only) as Grant-in-aid towards the Project. The contribution of BIRAC is **Rs. 85.70** Lakhs (Rupees Eighty-Five Lakhs and Seventy Thousand only) as Grant-in-aid to the **Aspartika Biotech Pvt Ltd**. The contribution of BIRAC is **Rs. 24.60** Lakhs (Rupees Twenty-Four Lakhs and Sixty Thousand only) as Grant-in-aid to the **Sir M Visvesvaraya Institute of Technology**. The amount put in by the Company is **Rs. 90.70** Lakhs (Rupees Ninety Lakhs and Seventy Thousand only) on the terms and conditions detailed in this GLA.

6. BIRAC Budget break-up:

Budget Head	Contribution by the Applicant Company and Collaborators, if any	Support under BIRAC to		Total BIRAC Support	Total
		Aspartika Biotech Pvt Ltd	Sir M Visvesvaraya Institute of Technology		
(Rs.in Lakhs)					
Non-recurring	90.70	62.50	16.00	78.50	169.20
Recurring	0.00	23.20	8.60	31.80	31.80
Total	90.70	85.70	24.60	110.30	201.00
		Loan	GIA	Loan	GIA
		--NA--	85.70	--NA--	24.60

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BUDGET Break-up Recurring(Rs In Lakhs)				
Recurring items	Contribution by Aspartika Biotech Pvt Ltd	Contribution by BIRAC to Aspartika Biotech Pvt Ltd	Contribution by BIRAC to Sir M Visvesvaraya Institute of Technology	Total
Manpower	0.00	7.20	3.60	10.80
Consumables	0.00	7.50	2.50	10.00
Travel	0.00	1.50	0.50	2.00
Operating Cost	0.00	1.00	1.00	2.00
Contingency & Others	0.00	1.00	1.00	2.00
Outsourcing	0.00	5.00	0.00	5.00
Total	0.00	23.20	8.60	31.80

Details Of Equipment Proposed To Be Acquired Through Companys Contribution

S.No	Infrastructure/Equipment	Capacity	Quantity	Specific Requirement In The Project	Estimated Value (Rs. In Lakhs)
1	Supercritical fluid extractor	100	1	Extraction of oil and herbs	90.70
Total :					90.70
Accessories To Be Acquired (Rs in Lakhs) :					0.00

Details Of Equipment Proposed To Be Acquired Through BIRAC Contribution For Applicant Company

S.No	Infrastructure/Equipment	Capacity	Quantity	Specific Requirement In The Project	Estimated Value (Rs.In Lakhs)
1	HPLC	1	100	Testing of the products developed	20.00
2	Spray drier	100	200	Removal of moisture from the raw materials and preservation	8.90

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Sanjay Saxena



2	Spray drier	100	200	Removal of moisture from the raw materials and preservation	8.90
3	Packing machine for oil, cake and extracts of silkworm pupa and herbs	200	220	Packing of herbal extracts, oil, cake etc	3.10
4	Sonicator	3	2	For analysis before hplc or gc	3.30
5	Homogenizer and storage tank SS316	200	1	for mixing of oils and formulation of liquids and storage	4.30
6	Sieving machine GMP compliant	1	1	Sieving of silkworm pupa	1.75
7	Pulverizer GMP compliant	1	1	For size reduction of silkworm pupa	3.40
8	Tray drier	100	1	For removal of moisture	3.10
9	Feed pellet making machine	100	1	Formulation of poultry feed and pet products	2.45
10	Rotary evaporator	4	1	Studies on extracts of silkworm pupa, concentration of oil	3.50
11	Millipore water purification unit	100	1	For routine lab requirement	5.00
12	Deep Freezer	200	1	For storage	0.40
13	analytical balance	220	1	For routine lab activities	1.00
14	Viscosity meter	2	1	For testing of pupa oil	2.30
Total :62.50					
Accessories To Be Acquired (Rs in Lakhs):					0.00

Details Of Equipment Proposed To Be Acquired Through BIRAC Contribution For Institute

S.No	Equipment	Capacity	Quantity	Name Of The Collaborator For Whom The Equipment Is Requested	Specific Requirement In The Project With Justification	Estimated Value (Rs. In Lakhs)
1	Gas chromatography	100	1	Sir M Visvesvaraya	Testing of finished goods	16.00

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			Institute of Technology		
					Total : 16.00

Institute Accessories Details

S.No	Collaborator Name	Accessories To Be Acquired (Rs in Lakhs)
1	Sir M Visvesvaraya Institute of Technology	0.00

7. Milestones/Timelines

Sr. No.	Milestone(s)	Month of end of activity	Amount (Rs. In Lakhs)
1	Acceptance of Undertaking under GLA and execution of Royalty Agreement under BIPP	0	60.30
2	Drying time studies of silk worm pupae, determination of appropriate particle size requirement etc.	6	40.20
3	Quantification and identification of omega-3 fatty acid by GC/GCMS	18	40.20
4	Analysis of meat, egg etc. with respect to omega fatty acid and Utilization of the protein from de-oiled cake	23	40.20
5	Submission of final completion report and consolidated Utilization Certificate (UC) and Statement of Expenses (SOE)	24	20.10
Total			201.00

8. Periodic Payment/Release Arrangements of the project support based on milestones

Installment	Contribution by Aspartika Biotech Pvt Ltd	Contribution by BIRAC to Aspartika Biotech Pvt Ltd	Contribution by BIRAC to Sir M Visvesvaraya Institute of Technology	Total(Rs. in Lakhs)
1	27.21	25.70	7.38	60.30
2	18.14	17.14	4.92	40.20
3	18.14	17.14	4.92	40.20

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 Department of Biotechnology
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4	18.14	17.14	4.92	40.20
5	9.07	8.58	2.46	20.10
Total	90.70	85.70	24.60	201.00

9. ** The recipient of the fund should convey their acceptance to the terms and conditions of this GLA within four (4) weeks of the issue of GLA failing which the present offer of the funding support will be considered as infructuous and the project will be treated as withdrawn.

10. Inclusion by Reference:

This GLA includes and incorporates by this reference:	<ul style="list-style-type: none"> - Terms and Conditions (Schedule 1) - Acceptance and Undertaking (Schedule 2) - Project document (Schedule 3) - Intellectual Property Governing Framework (Schedule 4) - ROYALTY AGREEMENT: Under the BIPP Scheme BIRAC and the Company shall enter into a distinct agreement with regard to governance of Royalty payment terms and associated conditions (Schedule 5)
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11. The Expenditure is debitable to **B.01** - Head of Accounts for the financial year 2015-16.


12. This issue with the approval of competent authority vides BFD No. 085/15-16 dated 31/3/16

13. The GLA has been noted at Serial No. 28 in the Register of Grant/Cost.

14. THIS GLA is between Biotechnology Industry Research Assistance Council ("BIRAC") and "Aspartika Biotech Pvt Ltd", and is effective as of the date of last signature. Each party to this GLA may be referred to individually as a "Party", Company and Institute together as "Fund Recipients" and all Party together as the "Parties." As a condition of this grant, the Parties enter into this GLA by having their authorized representatives sign below:

I) For and on behalf of BIRAC	
Signatures	<i>Sanjay Saxena</i>
Name	DR. SANJAY SAXENA
Designation	HEAD - INVESTMENT

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Dr H.G. Nagendra
 Professor & Head
 Department of Biotechnology
 Sir M. Visvesvaraya Institute of Technology
 BANGALORE - 562157



Official Seal



II) For and on behalf of M/s
...ASPARTIKA BIOTECH PVT LTD.... "the Company" duly
authorized vide Resolution No 02 dated 01/04/16 of its Board of
Directors.

Signature

Name

SRINIVAS. R.V.

Designation

Director

Company Common Seal

Witnesses

Signature

Name ASHWATHY. S.DAS-I

Address #25, SRINILAYAM, 7th CROSS, NANJAPPA
LAYOUT, VIDYAPANYAPURA, BANGALORE - 560097



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III) For and on behalf of SIR M. VISVESVARAYA INST. OF TECHNOLOGY
the Institute duly authorized vide letter dated 1/4/16 by its concerned authority.

Signature

H. G. Nagendra

Name

Dr. H. G. NAGENDRA

Designation

Professor & Head

Institute Seal



Witnesses

Signature

Jagadeesh Kumar D. 22/4/16.

Name

Jagadeesh Kumar D.

Address

Dept. of Biotechnology,
Sir. M. Visvesvaraya Inst. of
Technology, Yelahanka, Bangalore

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Dr H.G. Nagendra
Professor & Head
Department of Biotechnology
Sir M. Visvesvaraya Institute of Technology
BANGALORE - 562157



Sanjay Saxena

B.V. Gmud



Schedule 1

The terms and conditions for Project support under Grant-in-aid Letter Agreement (hereinafter called as "GLA") are as follows;

1. FUND DISBURSEMENT

- a. First installment of the Grant-in-aid will be released after issue of the GLA subject to fulfillment of the terms and conditions for such release (and after execution of Royalty Agreement in case of BIPP) by the relevant Parties. Further release of funds shall be subject to satisfactory progress against the objectives, outputs, milestones and targets specified in the Project which progress shall be determined by BIRAC and on submission of audited/certified statements of accounts and utilization certificates as provided for in Point 2 (a).

2. FUND UTILISATION AND ACCOUNTING

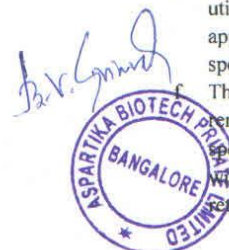
- a. The Company and the Institute shall submit the Utilization Certificate (UC) and Statements of Expenses (SOE) duly audited by a chartered accountant for the expenditure incurred towards the Project for every half year period, ending 30th September and 31st March, to BIRAC, within a month of closure of the accounts for the respective half year, in the format provided by BIRAC;
- b. The Company and the Institute shall submit UC and SOE duly certified by Internal finance personnel/auditor to BIRAC in the format provided on the completion of the respective milestones
- c. The Company shall submit audited Annual reports along with the audited balance sheets and profit & loss accounts to BIRAC within six months of the completion of the financial year ending 31st March till the completion of the Project Duration.
- d. The Company shall keep the Grant-in-aid assistance and their project contribution in a separate no-lien account in the name of the Company with a Scheduled Bank (as defined under the RBI Act, 1934), the withdrawals and payments from which account shall be subject to verification by BIRAC. It shall also obtain and furnish to BIRAC a letter from the concerned bank foregoing the right of set off or lien in respect of such account. Further, the interest earned on the Grant-in-aid if any should be reported to BIRAC. The interest thus earned will be adjusted towards further installment of the fund.

If there is an Institute, it shall keep the Grant-in-aid assistance in an interest bearing account with a Scheduled Bank (as defined under the RBI Act, 1934), the withdrawals and payments from which account shall be subject to verification by BIRAC. The interest earned on the Grant-in-aid should be reported to BIRAC. The interest thus earned on the grant in aid will be adjusted towards further installment of the fund.

- e. The Company and the Institute shall ensure that the funds released for the Project are actually utilized only for the purposes of the Project and as expressly provided for in this GLA. Re-appropriation of BIRAC funds from one budget head to another shall not be effected without the specific written approval of BIRAC;

The Company and the Institute shall refund such part of Grant-in-aid funds disbursed to it that remains unutilized with it upon completion of all the responsibilities, duties and functions specified in connection with the Project, within one month of such completion, to BIRAC along with consolidated accounts of the funds received and utilized and of the unutilized balance returned (UC & SOE);

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- g. The Company and the Institute at their own cost, shall take adequate care to maintain the capital assets acquired for the Project through BIRAC's Grant-in-aid. The capital assets acquired through BIRAC's Grant-in-aid shall not be disposed of or hypothecated without the specific approval of BIRAC till full and final settlement of all dues to the satisfaction of BIRAC.

3. PROJECT MONITORING

A Project Monitoring Committee (PMC) comprising of eminent experts from the relevant field(s) will be constituted by BIRAC to monitor the progress of the objective(s) of the Project. BIRAC shall have at least one representative in the PMC.

The functions of the PMC shall be as follows:

- a. To monitor the progress of the Project in conformity with the outputs, milestones, targets objectives and other terms and conditions as contained in the GLA
- b. To keep track of funding from any other source for the Project.
- c. To assess the global developments impacting the domain of the Project.
- d. Based on the foregoing, to assess and recommend:
 - i. the release of next installment or part release thereof by the BIRAC.
 - ii. revision of Project Duration
 - iii. closing, dropping or modifying any of the components of the Project, within the overall approved objectives, budget and time-frame,
 - iv. inclusion of additional industrial/institutional partner(s), if the Company and the Institutes requests involvement of such partner(s), in the overall interest of the Project; and
 - v. revision of the financial assistance.
- e. To advise on issues related to securing of IPR and mentor to overcome any technological problem faced in the Project implementation; and
- f. To advise on any other matter as referred to it by BIRAC and/or otherwise reasonably necessary for effective discharge of its duties and/or achievement of aims and objectives of the Schemes.

4. INDEMNIFICATION

- a. The Company and the Institute shall, at all times, indemnify and keep indemnified BIRAC against any claims or suits in respect of any losses, damages or compensation payable in consequences of any accident, death or injury sustained by their employees or by any other third party resulting from or by any act, omission or operation conducted by or on their behalf;
- b. The Company and the Institute shall, at all times, indemnify and keep indemnified BIRAC against all claims/damages etc. by any infringement of any Intellectual Property Rights (IPR) while carrying out their responsibilities/work under the Project and this GLA.
- c. The provision of Grant-in-aid funds by BIRAC does not create any liability, explicit or implicit, on BIRAC in respect of the manpower engaged in the Project.
- d. The Parties shall not be held responsible for non-fulfilment of their respective obligations in successful completion of the Project under this GLA due to the exigency of one or more force majeure events such as but not limited to acts of God, war, flood, earthquakes etc.



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5. CHANGE OF CONTROL:

BIRAC shall reserve the right to reconsider further funding assistance, governance of the New Intellectual Property and consider refund of the amount of Grant-in-aid in such circumstances of change of control as mentioned in the following paragraphs;

- a. The Company shall inform BIRAC if it proposes to undertake or permit any merger, consolidation, reorganization scheme of arrangement or compromise with its creditors or shareholders or effect any scheme of amalgamation or reconstitution or substantial expansion. The word 'substantial expansion' shall have the same meaning as under the Industries (development and Regulation) Act, 1951.
- b. The Company shall inform BIRAC within 30 (thirty) days, if it has notice of any application for winding up having been made or any statutory notice of winding up under the provisions of the Companies Act, 2013, or any other notice under any other Act or otherwise of any suit or other legal process intended to be filed or initiated against the Company and affecting the title to the properties of the Company or if a receiver is appointed of any of its properties or business or undertaking.
- c. The Company and the Institute shall notify BIRAC of any material change in its entity status, entity name, Project Coordinator, implementation site, registered office or any such change that would impact on performance of its obligations under the Project and this GLA.

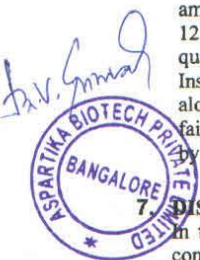
6. FORECLOSURE AND TERMINATION

- a. In case, during the Project Duration, it is found that the Project or any Project component is not likely to lead to successful completion, BIRAC may decide to foreclose the Project or the Project component as warranted. The decision of the BIRAC shall be final in all respects. The Company and the Institute shall immediately refund any Grant-in-aid unutilized out of BIRAC's disbursements to BIRAC. BIRAC, at its discretion can allow deduction of the future committed expenses to third party vendors on pro-rata basis according to the quantum of BIRAC's funding. The Company and the Institute shall submit Consolidated accounts of funds received, utilized and unutilized (UC&SOE). If the Company and the Institute like to continue the Project at its own cost, it would be able to do so without restrictions from BIRAC after complying with these provisions.
- b. The Company and the Institutes may, before the completion of the Project, terminate this GLA by giving three months' notice in writing to BIRAC. BIRAC may also terminate this GLA by written notice in the event of "the Company and the Institute" committing breach of any term of this GLA and either not rectifying it to the satisfaction of BIRAC or not satisfying BIRAC about its inevitability within a specified period. In the event of termination of the GLA, no further disbursement shall be made by BIRAC. The Company shall be liable to return immediately the amount of Grant-in-aid already availed of from BIRAC with additional simple interest at the rate of 12 (twelve) per cent per annum within 30 (thirty) days of termination of the GLA. Interest on the quantum of funding assistance shall accrue from the date of release of the grant in aid assistance. The Institute shall immediately refund any funds unutilized out of BIRAC's disbursements, to BIRAC, along with consolidated accounts of funds received, utilized and unutilized (UC&SOE). In case of failure to repay, without prejudice to any other rights under this GLA, the amount can be recovered by initiating any procedure available in Law.

DISPUTE RESOLUTION AND ARBITRATION

In the event of any dispute or difference between the Parties hereto upon or in relation to or in connection with this GLA, such dispute or difference, shall be resolved amicably and in good faith by mutual consultation.

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Sir M. Visvesvaraya Institute of Technology
BANGALORE - 562157





mutual consultation.

If such resolution is not possible, then the unresolved dispute or difference whatsoever arising between the Parties out of or relation to the construction, meaning, scope, operation or effect of this GLA or the validity the breach thereof or in respect of any defined legal relationship associated therewith or derived therefrom dispute shall be submitted for arbitration to International Center for Alternate Dispute Resolution (ICADR), an autonomous organization working under the aegis of the Ministry of Law & Justice, Department of Legal Affairs, Government of India. The Authority to appoint the arbitrator(s) shall be the ICADR. The Arbitration under this Clause and provision of administrative services by ICADR shall be in accordance with the ICADR Arbitration Rules, 1996. The award made in pursuance thereof shall be binding on the Parties. The venue of arbitration shall be New Delhi and the arbitration proceedings shall be conducted in English Language. The provision of this Clause shall not become inoperative notwithstanding the GLA expiring or ceasing to exist or being terminated or foreclosed.

8. EFFECT AND AMENDMENTS TO THE GLA

- i. GLA shall remain in force for whichever of these is the longest time unless suspended sooner:
 - a. For 24 (Project duration) months from the above Effective Date;
 - b. As long as any part of the amount disbursed for the Project remains unspent; or
 - c. For as long as any monitoring or recording or IP governance is required under any relevant laws and regulations.
- ii. No amendment or modification of this GLA shall be valid unless the same is made in writing by the Parties or their authorized representatives specifically stating the same to be an amendment of this GLA. The modifications / changes shall be effective from the date on which they are made / executed unless otherwise agreed to.

9. SEVERABILITY

In case any one or more of the provisions or parts of a provision contained in this GLA shall, for any reason, be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision or part of a provision of this GLA; and this GLA shall, to the fullest extent lawful, be construed as if such invalid or illegal or unenforceable provision, or part of a provision, had never been contained herein.

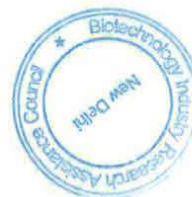
10. GOVERNING LAW

This GLA and the associated undertaking shall be governed and interpreted in accordance with the laws of India subject to the exclusive jurisdiction of the Courts at New Delhi.


Dr H.G. Nagendra
Professor & Head
Department of Biotechnology
Sir M. Visvesvaraya Institute of Technology
BANGALORE

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Schedule 2

Acceptance & Undertaking

In consideration of the foregoing, the fund recipients, intending to be admittedly bound by the terms set forth above, undertake as stated below;

The recipients of the Grant shall;

1. Execute the activities as set out in the Project proposal and shall conform to the specified objectives, outputs, milestones, and targets therein.
2. Submit periodic Progress report to BIRAC as per the Project milestones, details of activities involved in performing the Project activities, Utilization Certificate (UC) and Statements Of Accounts Expenses (SOE) as per Schedule 1.
3. The Company shall submit audited Annual reports along with the audited balance sheets and profit & loss accounts to BIRAC within six months of the completion of the financial year ending 31st March till the completion of the Project Duration
4. Obtain all the necessary requisite approvals, clearance certificates, permissions and licenses from the Government/local authorities for conducting its activities/ operations in connection with the Project.
5. Abide by the decisions of BIRAC to modify the objectives, outputs, milestones, targets, Project Grant-in-aid as also the foreclosure of the Project or any of its components as may be arrived at after mutual discussion.
6. Subject itself to Project monitoring of the Project Monitoring Committee (PMC).
7. Maintain strict confidentiality and refrain from disclosure thereof, of all or any part of such information and data exchanged/generated from the Project which is not in the public domain by use and/or publication at the time of its disclosure except for purposes in accordance with this Project or is required by public authority, by law or decree.
8. Complete the Project within the stipulated period subject to the Change Order(s) issued by the BIRAC, from time to time.
9. Manage the Intellectual Property developed through the funding Assistance of BIRAC in a manner that ascertains Global Access, regardless of whether this GLA expires, foreclosed or terminated.
10. Adhere to this GLA and the Conditions of Grant, as, violation of any provision of which shall be the reason for suspension of the Grant.
11. Consider any changes to the provisions of this GLA when made in writing only and shall consider any notice duly served if the same shall have been delivered electronically through the official mail of the Project Coordinator or delivered by post at the addresses mentioned in the GLA.
12. Abide by the conditions related to Royalty Payment (applicable in cases of funding under BIPP) as per the terms of the corresponding "Royalty Agreement".

IN ACCEPTANCE WHEREOF the fund recipients hereto through their duly authorized representatives have signed this undertaking as set below:

B.V. Srinivas




For and on behalf of M/s ...	ASPARTIKA BIOTECH PVT LTD.	the
Company"		
Date and Place:	BANGALORE	22/04/2016.
Signature	<i>B.V. Srinivas</i>	
Name	SRINIVAS. B.V.	

H.G. Nagendra
Dr H.G. Nagendra
 Professor & Head
 Department of Biotechnology
 Sir M. Visvesvaraya Institute of Technology
 BANGALORE - 560077

Sanjay Saxena



Designation	Director
Common Seal	
Witness (Signature)	<i>[Signature]</i>
Date	BANGALORE 22/4/2016
Place	BANGALORE

For and on behalf of	SIR M. VISVESVARAYA INST. OF TECHNOLOGY
Institute	
Date and Place:	22/4/2016 } BANGALORE
Signature	<i>[Signature]</i>
Name	Dr. H. S. NAGENDRA
Designation	Professor & Head
Seal	

[Handwritten signature]



[Signature]
Dr. H. S. Nagendra
 Professor & Head
 Department of Biotechnology
 Sir M. Visvesvaraya Institute of Technology
 BANGALORE - 562157

[Signature]



PROJECT DOCUMENT

PROPOSAL PHASE & WORK PLAN

Phase Name: Procurement and purchase of the supercritical extraction facility and extraction of oil rich in omega-3 fatty acid from silkworm pupae
Description: We have already identified manufacturers in India and abroad, a details agreement will be signed with appropriate terms and conditions for procurement, drying milling and sieving studies. Extraction studies using supercritical fluid extractor to enrich omega-3 fatty acid in the oil will be tried
Phase Name: Enrichment of oil with omega-3 fatty acids
Description: As a part of purchase agreement we would seek the supplier help to start manufacturing the silkworm pupa oil from time to time studies on temperature, pressure etc and quantification
Phase Name: Deoiled cake utilization for various end uses
Description: The cake obtained after removal of oil will be formulated into poultry feed and aqua feed and commercialized Trials with poultry egg layers, broilers, in vivo studies

TIME LINES

Activities	Month Of Start Of Activity	Month Of End Of Activity	Role Of Collaborators
PHASE NAME: Procuring and purchase of the supercritical extraction facility and extraction of oil rich in omega-3 fatty acid from silkworm pupae			
Purchase of other ancillary instruments	0	6	Purchase of GC and design of customized equipment
Procurement, drying, milling, sieving of silkworm pupa for large scale production	0	6	Co-investigation in scale up strategies
Drying time studies of silk worm pupae, determination of appropriate particle size requirement etc.	0	6	Determination of particle size and drying time standardization
PHASE NAME: Enrichment of oil with omega-3 fatty acids			

Dr. H.G. Nagendra
Professor & Head
 Department of Biotechnology
 Sir M. Visvesvaraya Institute of Technology
 BANGALORE - 562157

Sanjay Sareen



Studies with various temperature and pressure to enrich α -linolenic acid in oil	6	16	Co-investigation in identification of ideal parameters
Quantification and identification of omega-3 fatty acid by GC/GCMS	8	18	GC analysis of the samples extracted
PHASE NAME: Deoiled cake utilization for various end uses			
Formulation of poultry feed for broiler and egg layers	16	18	Pre formulation studies
Quality control studies of the product developed	16	18	Establishment of QC parameters
Trials with poultry and aqua feed	18	23	Co investigation with trials
Analysis of meat, egg etc. with respect to omega fatty acid and Utilization of the protein from de-oiled cake	18	23	Proximate analysis & Identification of other applications

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Dr H.G. Nagendra
 Professor & Head
 Department of Biotechnology
 Sir M. Visvesvaraya Institute of Technology
 BANGALORE - 562157

Page 16 of 18

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INTELLECTUAL PROPERTY GOVERNING FRAMEWORK**1. SCOPE OF IP GENERATED DURING THE CONDUCT OF THE PROJECT**

- a) The New Intellectual Property (IP) rights belong to the recipient of funds, in a joint manner unless mutually agreed otherwise.

Provided, this Project is not determined as a "Nationally Important Project" to be governed through specific 'Order of BIRAC'. Such cases of "Nationally Important Project" shall have specific terms of licensing, pricing or March-in-rights for the purposes of public interest/demand of Government of India.

- b) It is the responsibility of the Fund Recipients to protect the New Intellectual Property (New IP). They shall bear the expenditure involved in protecting the New IP.

2. GLOBAL ACCESS

The Fund Recipient(s) jointly and severally agree to conduct and manage the Project and the resulting products, services, processes, technologies, materials, software, data or other innovations (collectively, "Product") and any IP that arises (New IP) in the manner that ensures "Global Access."

Global Access requires that

- a) The knowledge and information gained from the Project be promptly and broadly disseminated or published.
- b) Project Developments and/or New IP are made available and accessible at an affordable price to people most in need within developing countries.
- c) In this regard, ensure Global Access in all present and future research and development agreements in a suitable form.

NOTE: For the purpose of this GLA, New IP means intellectual property generated during the conduct of the Project by the Fund Recipient(s), but excluding the intellectual property generated by the Fund Recipient(s) before execution of this GLA and any IP generated outside the scope of this GLA even during the term of this GLA.

3. The background Intellectual Property (IP) generated by the Fund Recipient(s) before execution of this GLA are as provided hereunder;

I.	Background IP of the Company
	Patent application no. IN3965/CHE/2015 titled "Alpha-linolenic acid enriched oil from the silkworm for nutraceutical and cosmeceutical applications" has been licensed to Aspartika Biotech Pvt Ltd from Mr Srinivas B V (applicant and the inventor) wide license agreement dated 28th January 2016.

H. G. Nagendra
Dr. H.G. Nagendra
 Professor & Head
 Department of Biotechnology
 Sir M. Visvesvaraya Institute of Technology
 BANGALORE



II.	Background IP of the Institute

H.G. Nagendra

Dr H.G. Nagendra
Professor & Head
Department of Biotechnology
Sir M. Visvesvaraya Institute of Technology
BANGALORE - 562157

K.V. Kumar



5-DAY BIOTECHNOLOGY SKILL DEVELOPMENT PROGRAM

Organized By

Department Of Biotechnology,

Sir M.Visvesvaraya Institute Of Technology, Bangalore- 562 157

In Association with

Aspartika Biotech Pvt. Ltd, Technology Incubation Centre,
Sir M Visvesvaraya Institute of Technology Campus, Bangalore-57



Day	Module	Program
Day 1 07/02/2022	Orientation	
	Extraction methods	<ul style="list-style-type: none">• Overview about the extraction and quantification techniques• Hands-on-Training: Pre-processing of sample for extraction• Extraction of Natural colour• cold extraction methods
Day 2 08/02/2022	Extraction studies	<ul style="list-style-type: none">• Hands-on training on extraction methods: Hydro-distillation, Hot solvent
	Instrumentation	<ul style="list-style-type: none">• Introduction to Gas Chromatography
	Microbiology	<ul style="list-style-type: none">• Microbiology techniques: Media preparation, Sterilization, Pure culturing, Serial dilution
Day3 09/02/2022	Invitro-studies	<ul style="list-style-type: none">• In-vitro Antimitotic activity of Herbal extracts
	Industrial visit	<ul style="list-style-type: none">• Visit to Aspartika Biotech Pvt Ltd and Someys Kitchens Pvt Ltd.
Day4 10/02/2022	Quality analysis	<ul style="list-style-type: none">• Quality analysis of herbal extracts: Physical and chemical parameters estimation
	Separation techniques	<ul style="list-style-type: none">• Thin layer Chromatography technique.• Quantification of bio-actives through Gas chromatography technique
Day5 11/02/2022	Product development	<ul style="list-style-type: none">• Chocolates with a twist• Perfume creation/Room Freshner• Lip balm
	Concluding session	<ul style="list-style-type: none">• Quiz• Certificate distribution

Student registration form link: shorturl.at/jqtzF

Dr. H.G. Nagendra

Professor & Head, Dept. of Biotechnology
Sir MVIT, Bangalore

Mr. Srinivas B.V

Director & CEO at Aspartika Biotech Pvt Ltd.
Bangalore



Sir M Visvesvaraya Institute of Technology
Hunasamaranahalli, Bengaluru-562157



Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate, Bengaluru - 560 010

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) has been entered on **02.12.2022**

By and Between

Sir M Visvesvaraya Institute of Technology having its campus at Hunasamaranahalli, Bengaluru-562157 and represented by **Prof. Rakesh S.G, Principal**.

AND

Government Tool Room & Training Centre, Bengaluru having its campus at Rajajinagar Industrial Estate, Bengaluru - 560 010. (Hereafter referred as "GTTC") and represented by **Managing Director-GTTC**.

The purpose of this agreement is with reference to defining the areas of co-operation benefiting both the organizations & agreeing to offer academic interface programs as detailed below:

1. To get an insight in to the requirement of industries and to develop relevant talents, to enable students to meet the industrial challenges.
2. To provide required Industrial Training and Internships, in order to build confidence and facilitate smooth transitions of students from academic to working environment.
3. To plan regular Industrial visits to make students understand the technical advancements in emerging domains.
4. To conduct joint seminars, workshops and short-term Training programs to regularly update the knowledge of faculty and students.
5. To organize joint meetings of industrial professionals & faculty members, to discuss possible implementation of curricular aspects in line with industry requirements.
6. To facilitate the resources available at either ends, to carry out project activities to both students and faculty members.
7. To work towards offering placement assistance to students, in core and niche areas.



Sir M Visvesvaraya Institute of Technology
Hunasamaranahalli, Bengaluru-562157



Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate, Bengaluru - 560 010

To utilize the expertise of faculty members and Industry Professionals from both the organizations, apply for setting up of Centers of Excellence (COE) in leading edge domains.

TERMS AND CONDITIONS:

1. This agreement of MOU may be executed by both the parties each of which shall be deemed as original and together shall constitute one and the same document.
2. The parties shall keep each other informed and shall share all information that may be relevant to secure additional opportunities of interaction for mutual benefit.
3. There shall not be any issues binding legally and financially whatsoever, between Sir M Visvesvaraya Institute of Technology, Hunasamaranahalli, Bengaluru-562157 and Government Tool Room and Training Centre, Bengaluru.
4. The parties shall take all necessary steps to protect the confidentiality of technical know-how, resource materials or proprietary information, which either party shall use only for the purposes highlighted in the agreement.
5. The parties would mutually decide & agree to fix the registration/training fees to be collected from each candidate (against receipt issued by GTTC) for the training programs / workshops conceived by both parties, as per the norms of both institutes.
6. Award of certificates would be to only those who register and successfully complete the training programs/workshops.
7. Press note, public announcements or any other disclosure concerning this agreement shall be made available at relevant platforms, only after mutual consent.
8. If any dispute arises, it shall be resolved mutually by both the parties. However, the decision of Managing Director of GTTC and Prof. Rakesh S.G, the Principal of Sir M Visvesvaraya Institute of Technology, Hunasamaranahalli, Bengaluru-562157 as agreed upon will be final & binding.



Sir M Visvesvaraya Institute of Technology
Hunasamaranahalli, Bengaluru-562157



Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate, Bengaluru - 560 010

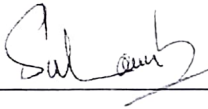
VALIDITY:

This agreement of co-operation is valid for duration of five years (5 years) with effect from the date of signing of the agreement of co-operation and may be renewed with mutual consent thereafter. Either party can cancel or terminate this agreement unilaterally without assigning any reason by giving an advance notice of 30 days to the other party.

The Memorandum of Understanding shall come into effect from **02.12.2022**.

In witness where the parties have set their hands here to on the day & year written above under their representative seal of office.

For: **Sir M Visvesvaraya Institute of Technology Training**


2/12/2022

Name: **Prof. Rakesh S.G.**


Designation: **Principal**

Date: 02.12.2022

PRINCIPAL

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
Krishnadevarayanagar, Hunasamaranahalli,
International Airport Road, BANGALORE-562 157

Witness (Name & Designation)

1  02/12/22
(Dr. Supriya V.G.)
Prof. ECE, SMVIT

2  02/12/2022

(Prof. V. SHANTHA)
Dept. of Mech. Engrg.
Sir MVIT, B'lore.

For: **Government Tool Room & Centre**



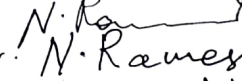
Name: **Sri.H.Raghavendra**

Designation: **MD - GTTC**

Date: 02/12/2022

Managing Director
Government Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore-560 010

Witness: (Name & Designation)

1  02/12/22
(Dr. N. Ramesha)
Dy. General Manager
GTTC, B'lore

2 

ASHOK WALIKAR
Nodal Officer - COO
GTTC
B'lore.



Sir M. Visvesvaraya Institute of Technology

Bengaluru-562157

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PG & Research Centre

Centre for Industry Institute Interaction – CIII

REPORT

An Industrial Visit to the Government Tool room & Training Centre (GTTC), Bengaluru has been arranged on 01-Sept-2021 for 4th Semester Students under the banner of Centre for Industry Institute Interaction – Sir MVIT.

The main aim of this visit is to make the students get introduced to the industry standards and get the exposure to the real time scenario of how practically the issues will be resolved.

The following faculty members accompanied the students.

Dr Supriya VG – Professor, Dept of ECE

Mr Phanindar Ravi P – Assistant Professor, Dept of ECE

Mr. Chandrashekar S – Assistant Professor , Dept of ECE.

The team reached the campus of GTTC by 11:00 AM and were received by Mr Srinivas Gopal, Senior Manager –Siemens Centre of Excellence at DesignTech, GTTC. The students were introduced to various facilities available and thorough insight was given on various courses and skill training programs available at GTTC.

Then the students were taken to various lab facilities and were made them feel the industry standards. The following laboratory facilities were visited.

1. Automation, Process Instrumentation Lab, COE – Siemens Centre of Excellence.
2. Product design and validation Lab.
3. Mechatronics Lab.
4. 3-D Printing Facility

Then the students were guided to the Mechatronics Facility and field visit of manufacturing workshop. The students were taken through the entire process of how the requirements were converted to the software version and then to the manufacturing done on the CNC lathes. They were also demonstrated on how a satellite part would be manufactured on the machinery available. Various parts that were developed at the centre were shown to the students.

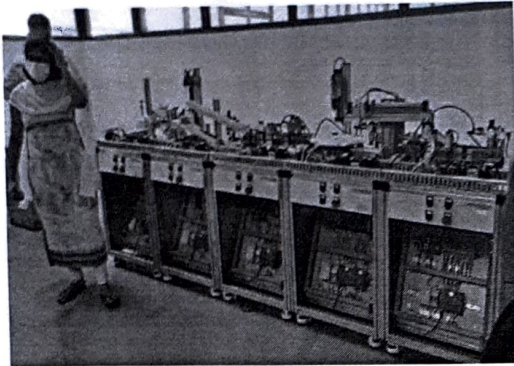
The visit ended with a thank note to all the organizers at GTTC center by 2:00 PM



GTTC COE Rajajinagar



Orientation session by Shri Srinivasa Gopal



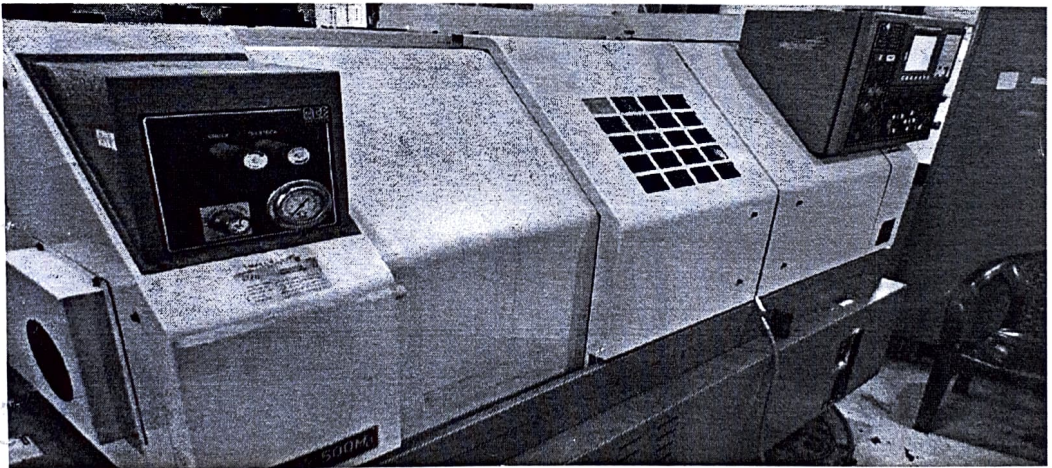
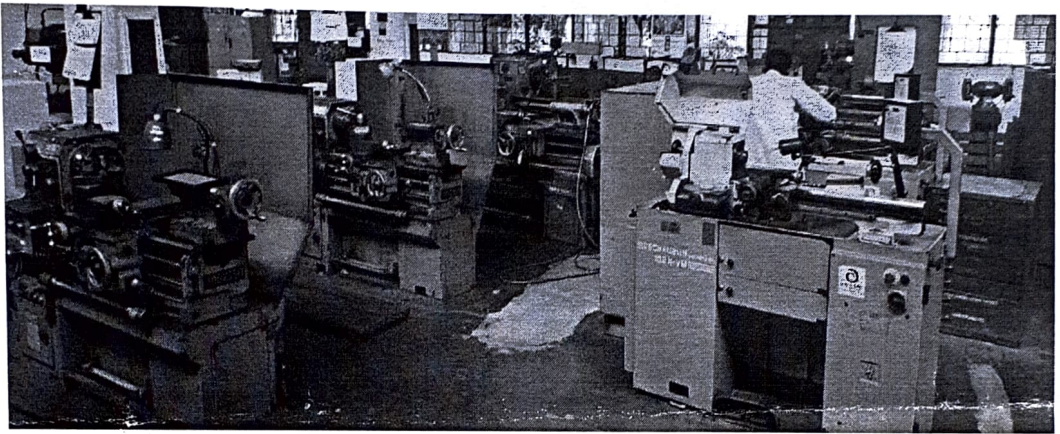
Visit to Automation, Process Instrumentation Lab, COE – Siemens Centre of Excellence

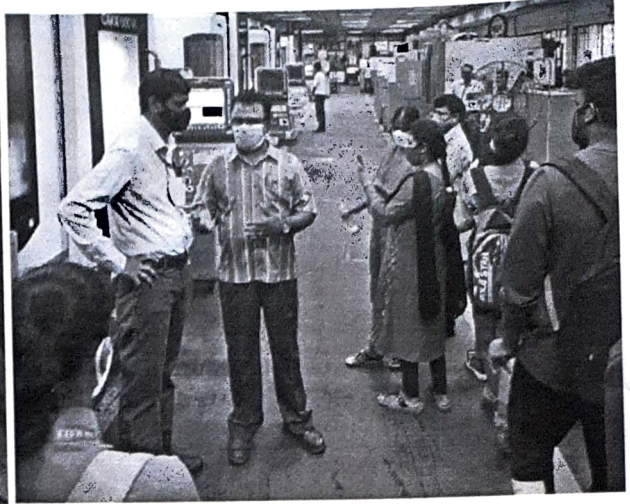
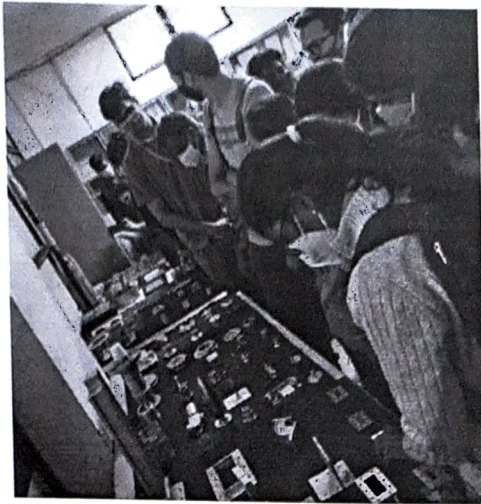


The team of students along with the faculty members and GTTC Incharges.

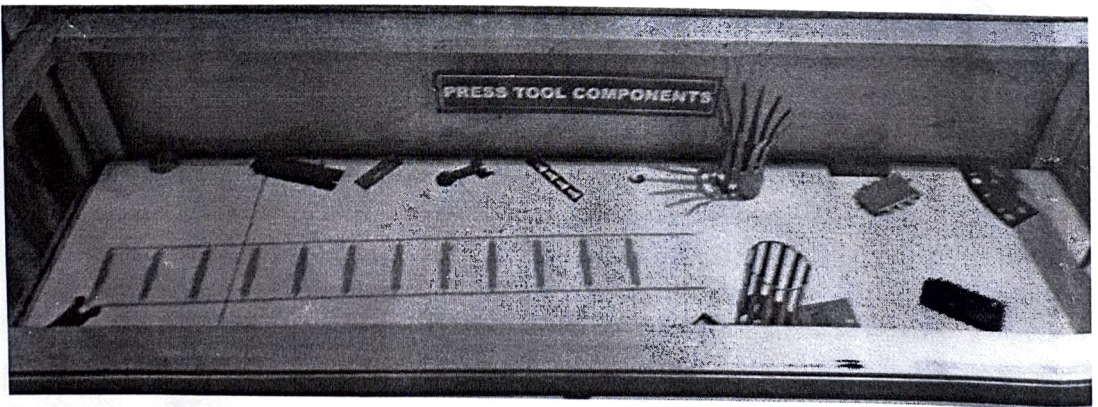
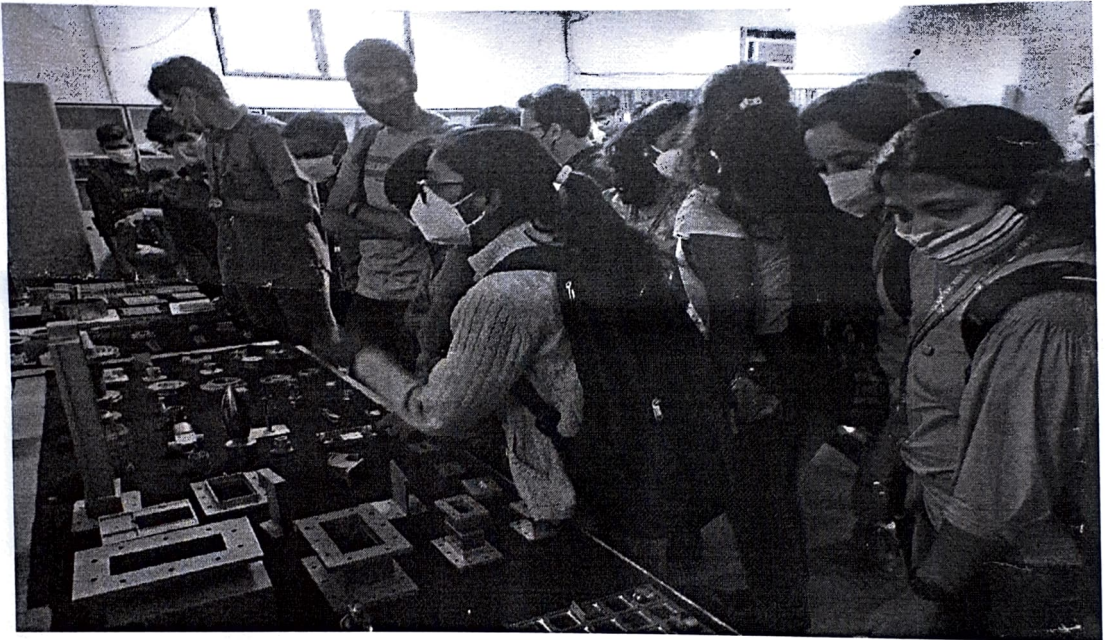


3-D Printing Lab and Components developed there





Visit to product Design and Validation Lab





The Team of students and faculty along with Mechatronics facility incharges at GTTC

File No.: BT/BIPP0971/38/16

Dated: 1st September, 2020

RELEASE ORDER

Subject: Release under BIPP Scheme for the project entitled "Bench scale production of snow flake Cordyceps and Cordyceps militaris through solid state and sub-merged fermentation, respectively for nutraceutical applications"

In continuation of BIRAC's Grant-in-Aid Letter Agreement (GLA) of even number dated 6th February, 2017, approval of Competent Authority is hereby accorded for the release of **Rs. 19.437 lakhs** (Rupees nineteen lakhs forty three thousand seven hundred only) **as Grant** to **M/s Sir M Visvesvaraya Institute of Technology**, this being the final installment for the implementation of the project entitled **"Bench scale production of snow flake Cordyceps and Cordyceps militaris through solid state and sub-merged fermentation, respectively for nutraceutical applications"** with **Dr. Mousami Mondal, Director, Mallipathra Nutraceutical Private Limited, Bangalore** as the designated Project Coordinator.

2. The State Bank of India is being separately instructed to disburse **Rs. 19.437 lakhs (Rupees nineteen lakhs forty three thousand seven hundred only) as Grant** to **M/s Sir M Visvesvaraya Institute of Technology** as per the **'Bank account'** details of the recipient given below:

Name of the Account Holder:	PRINCIPAL SIR MVIT
Name and Address of the Bank:	KOTAK MAHINDRA BANK, SMVIT Branch, Hunasamaranahalli, International Airport Road Via Yelahanka, Bangalore 562 157
Account Number:	183110000011
IFSC Code:	KKBK0008084
MICR Code:	560485077

3. The other terms and conditions governing this financial release will remain the same as mentioned in the GLA dated 6th February, 2017.

4. The Expenditure is debitable to BIPP scheme under BIRAC Head of Accounts B.01 for the financial year 2020-21.

5. This issues with the concurrence of BIRAC Finance Division (BFD) and approval of the Competent Authority vide BFD Nodated

6. The Release order has been noted at Serial No. 15 in the Grants Register.



(Dr. Sanjay Saxena)
GM & Head Investment

To:

1. Dr Priya Narayan, Associate Professor, Sir M Visvesvaraya Institute of Technology
Krishnadevaraya Nagar, International Airport Road, Via Yelahanka, Hunasamaranahalli,
Bangalore, KARNATAKA – 562157, brunaboy@gmail.com

Copy to:

1. **Dr. Mousumi Mondal, Director,** Mallipathra Nutraceutical Private Limited, No. 37, I Main, 7th Cross, Mathru Layout, GKVK Post, Yelahanka, Bagalore, KA 560065. E-mail: moumons@gmail.com
2. Head(F&A), BIRAC
3. Finance Manager, BIRAC
4. Manager Accounts, BIRAC
5. Sanction Folder


(Dr. Sanjay Saxena)
GM & Head Investment

Ms. Anju Bhalla
JS, DST and MD, BIRAC

Subject: BIRAC Innovator Award – 2020

Dear Dr. Narayan,

It gives me great pleasure to inform you that your company has been selected for the “**BIRAC Innovator Award 2020**” in recognition of the significant contribution made by your team towards the high level of innovation research for “*Bench scale production of snow flake Cordyceps and Cordyceps militaris through solid-state and sub-merged fermentation respectively for nutraceutical application*”

The selection has been made by an eminent Jury set up by the Secretary, DBT & Chairperson, BIRAC and the award will be conferred upon during “**Global Bio – India 2021**” to be held on **1 - 3 March, 2021 through Virtual Mode**. We invite you to receive this award virtually along with your team in a Special Session scheduled on **3rd March, 2021** between **7.00 pm – 8.30 pm**.

This is also to request you to please provide us 4-5 lines about your Innovation which can be included in the Citation being prepared by us. We shall be grateful to receive this information latest by **26th February, 2021** in view of the limited time left for completing all arrangements in time.

A line of confirmation of your participation will be highly appreciated.

An Outline of the tentative agenda is enclosed for your information. Please send your confirmation and citation text to Dr. Sanjay Saxena, General Manager & Head-Investment, BIRAC at investment.birac@gov.in.

Once again Heartiest Congratulations to you and your team for the Award.

With kind regards,

Yours Sincerely


(Ms. Anju Bhalla)

To:

Dr Priya Narayan
Associate Professor
Sir M Visvesvaraya Institute of Technology
Krishnadevaraya Nagar
International Airport Road, Via Yelahanka,
Hunasamaranahalli, Bangalore,
KARNATAKA - 562157
E-mail: brunaboy@gmail.com



BIRAC Innovator Award

under

Energy, Environment & Secondary Agriculture

Mallipathra Nutraceutical Pvt Ltd,
Bengaluru

Collaborator: Sir M Visvesvaraya
Institute of Technology, Bengaluru

Dr. Mousumi Mondal
Dr. Priya Narayan



Mallipathra Nutraceutical Pvt. Ltd.
and
Sir M Visvesvaraya Institute of Technology

Malli's Cordyceps

- Developed a novel process for growing worlds costliest endangered medicinal mushroom cordyceps in an artificial environment which grows much faster than the naturally available cordyceps
- Innovation involves a process of growing mushrooms on both vegetarian and non-vegetarian substrates which is at par with the naturally grown Cordyceps in terms of active ingredients
- Developed various formulations like health drinks, infusions, capsules etc., comprising of cordyceps for nutraceutical applications

संदर्भ संख्या/ Ref No. BT/BIPP0971/38/16

दिनांक/ Dated: 14th February, 2023

समापन पत्र
Completion Letter

विषय: मल्लीपथरा न्यूट्रास्युटिकल प्राइवेट लिमिटेड, बेंगलोर और उसके सहयोगी सर एम विश्वेश्वरैया संस्थान के साथ परियोजना संदर्भ के लिए 6 फरवरी, 2017 के अनुदान सहायता पत्र समझौते की परियोजना अवधि को पूरा करना सं. बी BT/BIPP0971/38/16 शीर्षक " Bench scale production of snow flake Cordyceps and Cordyceps militaris through solid state and sub-merged fermentation, respectively for nutraceutical applications "

Subject: Completion of duration of the Grant-in-Aid Letter Agreement dated 6th February, 2017 with Mallipathra Nutraceutical Private Limited, Bangalore and its collaborator Sir M Visvesvaraya Institute of Technology (SMVIT) for the Project Ref. No. BT/BIPP0971/38/16 entitled "Bench scale production of snow flake Cordyceps and Cordyceps militaris through solid state and sub-merged fermentation, respectively for nutraceutical applications".

This is with reference to the Grant-in-aid Letter Agreement dated 6th February, 2017 for the project entitled "Bench scale production of snow flake Cordyceps and Cordyceps militaris through solid state and sub-merged fermentation, respectively for nutraceutical applications".

1. The status of the fund disbursed under this Project to the Company and Institute till date is as under:

Grant-in-aid Amount disbursed	
Company: M/s. Mallipathra Nutraceutical Private Limited, Bangalore	
Total Amount Released to Company	Rs. 92.45 lakhs
Refund amount	NIL
Institute: Sir M Visvesvaraya Institute of Technology (SMVIT)	
Total Amount Released to Institute	Rs. 65.50 lakhs
Refund amount	NIL

2. By way of this order it is hereby communicated that the project stands completed on 16th May, 2020. Hence, the No-Lien account opened for the project can be closed.

3. The Company and the Institute shall retain the capital assets created out of the Government funding and continue to use them in terms of specific sanction/ public use as applicable.

4. This order is only to convey the completion of Project duration and the agreement as per the governing terms shall remain effective for all dues and liabilities that are to be discharged by the fund recipient, for governance of Project/new IP, Royalty repayment, resolution of disputes, pursuance of legal remedy etc.



5. The Company and Institute shall acknowledge the assistance of BIRAC while publishing or presenting in any manner the details of the project, its progress or its success as per terms and conditions in the funding agreement as provided hereunder: -

“Developed with partial support from (BIRAC logo)”



6. This issues with the approval of competent authority

सेवा में/ To,

Dr. Mousumi Mondal,
Director,
Mallipathra Nutraceutical Private Limited,
No. 37, I Main, 7th Cross, Mathru Layout,
GKVK Post, Yelahanka, Bagalore, KA 560065.
E-mail: moumons@gmail.com

प्रतिलिपि /Copy to:

1. Dr Priya Narayan, Associate Professor, Sir M Visvesvaraya Institute of Technology Krishnadevaraya Nagar, International Airport Road, Via Yelahanka, Hunasamaranahalli, Bangalore, KARNATAKA – 562157, brunaboy@gmail.com
2. बीआईआरएसी, वित्त फ़ोल्डर/BIRAC, Finance folder
3. स्वीकृति फ़ोल्डर/Sanction folder

द्वारा जारी

(डॉ. संजय सक्सेना)

महाप्रबंधक एवं प्रमुख-निवेश

(Dr. Sanjay Saxena)
GM & Head-Investment





INDIA NON JUDICIAL

Government of Karnataka

e-Stamp

Certificate No.

Certificate Issued Date

Account Reference

Unique Doc. Reference

Purchased by

Description of Document

Description

Consideration Price (Rs.)

First Party

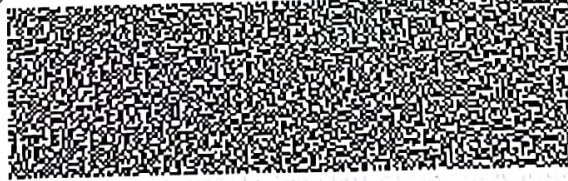
Second Party

Stamp Duty Paid By

Stamp Duty Amount(Rs.)

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: HARMONIZER INDIA PVT LTD
: Article 37 Note or Memorandum
: MEMORANDUM OF UNDERSTANDING
: 0
: (Zero)
: SIR MVIT HUNSEMARANAHALLI
: HARMONIZER INDIA PVT LTD
: HARMONIZER INDIA PVT LTD
: 200
: (Two Hundred only)

For SPANDANA CREDIT SOUHARDA
SAHAKARI NIYAMITHA
Authorised Signatory



Please write or type below this line

MEMORANDUM OF UNDERSTANDING

Between

Department of EEE

Sir. MVIT, Bangalore

Bangalore

AND

Harmonizer India Pvt Ltd.,

BANGALORE

PRINCIPAL

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
Krishnadevarayanagar, Hunasamaranahalli,
International Airport Road, BANGALORE-562 157



Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding
Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.

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This Memorandum of Understanding is entered into on this **5th day of January 2022** between

Department of EEE, Sir. M Vishweswaraya Institute of Technologies (hereinafter called SMVIT) situated at Hunesamaranahalli, Bangalore -560056, Karnataka and represented by Principal **Dr.V R Manjunath** having its office at Hunasamaranahalli, Bangalore-562157 (hereinafter referred to as "SIR MVIT" which expression shall, unless excluded by or represent to the context be deemed to include its successors in office and assigns) of the ONE PART.

and

Harmonizer India Pvt Ltd., 557, 15th Cross, 1st Main, RHCS Layout, Annapurneshwari Nagar, Nagarbhavi 2nd stage, Bangalore - 560091 and represented by M/s. Harmonizer India Pvt Ltd., founded by **Mr. M.R. Srinivas, Mr. Manoj Soni**, (hereinafter called "Harmonizer") which expression shall include its successors and permitted assignees with its registered office at Bangalore, of the OTHER PART

1. PREAMBLE

SMVIT is one of the leading Engineering college in Karnataka, located at new airport road, Hunasamaranahalli, Bangalore under VTU.

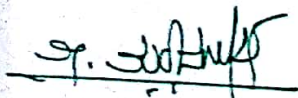
Founded in 1986, and named after Bharat Ratna Sir.Mokshagundam Vishveswaraya, the Institute is affiliated to Visvesvaraya Technological University (VTU), Belgaum and is accredited by AICTE.[1] It offers graduate and postgraduate courses.

The institute is one among the top colleges in Karnataka that most preferred by Engineering aspirants across the country.

M/s. Harmonizer India Pvt Ltd., founded by **Mr. M.R. Srinivas, Mr. Manoj Soni**, with its registered office at Bangalore, India, was established in 2019 to provide various solutions related to Power Quality, Power System, IoT Solutions, Machine Learning/AI solutions for Engineering Domain (such as Electrical, Electronics, Communication, Mechanical, Civil, CSC etc), Training, Workshops etc. The Harmonizer is having a Registered office in Bangalore, Abudhabhi-UAE and Canada.

Harmonizer has state of the production facilities in UAE & India to produce state of the art technologies in Power Solutions, IIOT Products, EV Chargers, Smart meters, AI Based Hardware / Software solutions for Industry & Building application.

Harmonizer vision is to provide knowledge driven / knowledge centric solution for customer to enable customer design and business sustainability.



Harmonizer is having a collective expertise of more than 60 years both technically and in the business process.

The Core objective is to establish a long-term linkage with Harmonizer to reduce the knowledge gap between Company expectations (practice) and academic offerings (theory) by direct involvement of Company to attain a symbiosis.

 $\textcircled{\text{cat}}$

(a) The Key benefits from Harmonizer to MVIT are:

- 

9. Wahid

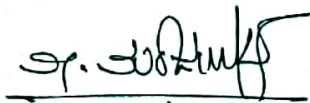
- Organizing joint professional activities like conferences, workshops and seminars.
- Organizing add-on programs in emerging areas.
- Providing opportunities for student groups to undertake problem-solving projects
- Supporting student research projects
- Training students, faculty and technical staff in new technologies and processes with the help of ***i-Labs***

(b) *i - Labs*:

- Here is a significant knowledge gap between Academia & the Industry, due to which the industry is having exertion in selecting Engineering Graduates for specific job.
- i-Labs enables to bridge the gap between Academia and Industry by bringing both on same platform.
- i-Labs is designed for collaborative "Learning - Innovation - Upgradation" for Faculty and Students about Industry oriented technologies and training.

Objective of *i-Labs*:

- ✓ Enable Students, Teachers to:
 - Learn new concepts related to Industries
 - Orient towards Industrial Technologies
 - Collaborative R&D / Innovation on core domain Electrical, Electronics, Mechanical, Civil, Communication and Computer Science Engineering
 - R&D / Innovation on EMS, Meters, IoT Systems (for Engineering domain), Power Quality, Power System, Safety, Reliability, Machine Learning, AI etc
 - Provide a great platform for the students to work on Internship topics.
- ✓ Bridge the Gap between Academia and Industries
- ✓ Enable Students to prepare for Interviews due to practical exposure
- ✓ Enable Teachers / Students to work on patents in an open environment in collaboration with Harmonizer







- ✓ Networks Issues
- ✓ Power Quality
- ✓ Machines
- ✓ Earthing system
- ✓ Load Flow
- ✓ Unbalance
- ✓ MV/LV networks
- ✓ Applications

Electrical



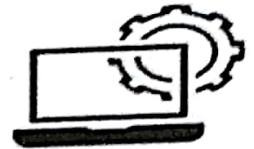
- ✓ PCBs
- ✓ Components
- ✓ Electronics meters
- ✓ Transducers

Industrial Electronics



- ✓ Protocols
- ✓ Gateways
- ✓ Blue tooth
- ✓ Zig Bee
- ✓ WIFI
- ✓ TCP/IP
- ✓ Modbus

Telecommunication



- ✓ Machine Learning for Engineering
- ✓ AI for Engineering
- ✓ IoT Solutions
- ✓ EMS
- ✓ Cloud systems
- ✓ Python coding
- ✓ Embedded C Coding

Computer Science

Collaborating Learning and Innovation across the domain

Benefits for Students:

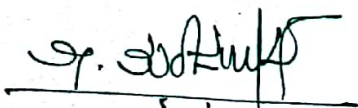
- ✓ Exposure to Latest Industry Trends
- ✓ Practical guidance / exposure to Electrical, Electronics, Telecommunication and Computer Science application
- ✓ Machine Learning Concepts for Engineering domain
- ✓ AI Learning concepts for Engineering domain
- ✓ Collaborative learning between the domain
- ✓ Training by Global Industry Experts
- ✓ Internship options for Toppers
- ✓ Enable to face Interview with enriched knowledge about the Industry

Benefits for College / Institution / University:

- ✓ Exposure to Latest Industry Trends
- ✓ Practical guidance / exposure to Electrical, Electronics, Telecommunication and Computer Science application for Faculty
- ✓ Machine Learning Concepts for Engineering domain
- ✓ AI Learning concepts for Engineering domain
- ✓ Collaborative learning between the domain
- ✓ Training by Global Industry Experts
- ✓ Enhanced Teaching abilities
- ✓ Brand image and contribution to the Industry
- ✓ Enhanced Campus selection
- ✓ Continuous Revenue from the Lab

What we need from Institution?

- ✓ Space to set up i-Labs (about one class room size)
- ✓ 3phase power connection
- ✓ Interiors for the Lab
- ✓ Investment of about INR 1,00,000/- for basic components as per the Annexure 1.





- ✓ Embedded components (Micro controller, Micro-processor, PCBs, Sensors, Actuators etc)
- ✓ Software tool for Machine Learning / AI (Embedded C, Python, Anaconda etc)
- ✓ EMS
- ✓ Experts for Training the students
- ✓ Enable R&D / Innovation across the domain
- ✓ Enable Patent filing
- ✓ Internship for Toppers in any of the office of Harmonizer (Bangalore, UAE or Canada).
- ✓ Certificate of participation

✓ Upto 500 Students	=	INR.1000/- per student per semester
✓ 501 to 1000 Students	=	INR.900/- per student per semester
✓ Beyond 1000 students	=	INR 800/- per student per semester

Sir MVIT	=	25% of the Fee
Harmonizer	=	75% of the Fee

GENERAL

- This MOU shall enter in force upon signature by both Parties and remains in force, unless terminated earlier by either Party upon ninety (90) days, written notice to the other Party.
- The termination this MOU shall not affect the validity or duration of projects under this MOU that are initiated prior to such termination.

Coordination Committee consisting of The Head of the Department, one senior faculty member of Department of EEE, MVIT and an officer nominated by the Harmonizer will look into the monitoring and implementation of the various aspects of the MOU. An annual review will be conducted to monitor the progress and in furtherance of the activities covered under the MOU.

SIGNED IN DUPLICATE
This MOU was executed in duplicate with each copy being an official version of the Agreement and having equal legal validity with effect from 5th January 2022.

Sp. J. J. J. J. J.





BY SIGNING BELOW, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

**For Harmonizer India,
Bangalore.**

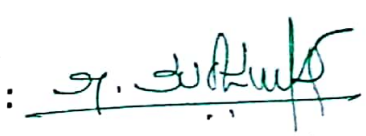


Signature : 
Name : **M.R.Srinivas**
Designation: **Chief Technical Officer**
Place : **Bangalore**
Date : **05-01-2022**

Witness:

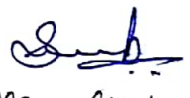

1. **LOHIT R. HABBU** 
2. **JAGADEESAN.V** 

**For SIR MVIT
Bangalore**

Signature : 
Name : **Dr. V R Manjunath**
Designation: **Principal**
Place : **Bangalore**
Date : **05-01-2022**



Witness:

1. **Dr. H.L. SURESH** 
2. **Dr. M.S. Suresh.** 



Certificate of Internship

This is to Certify that

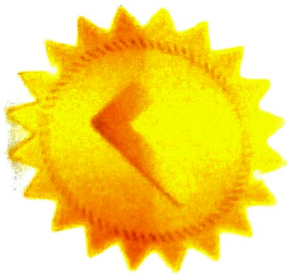
ROHAN KEDIA, 6th Semester-EEE at sir.MVT

has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

**Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT and
Machine Learning technologies**

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

This is to Certify that
NILESH SAHAY, 6th Semester-EEE at sir.MVT
has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT and
Machine Learning technologies

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

This is to Certify that

KAUSHIKI, 6th Semester-EEE at sir.MVIT
has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT and
Machine Learning technologies

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

This is to Certify that
Saiymeen Fatima,

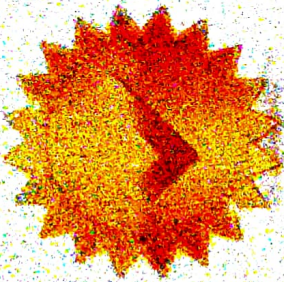
6th Semester-EEE at sir.MVIT

has attended the Internship program conducted by Harmonizer India Pvt

**Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT
and Machine Learning technologies**

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

This is to Certify that

AMAN SINGH, 6th Semester - EEE at sir.MVIT

has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT and
Machine Learning technologies

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

This is to Certify that

Tanya Singh,

6th Semester-EEE at *sir.MVIT*

has attended the Internship program conducted by Harmonizer India Pvt
Ltd.,

Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT
and Machine Learning technologies

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship



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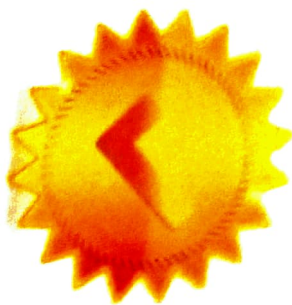
ALI AHMED, 6th Semester-EEE at Sir.MVIT

has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

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Machine Learning technologies**

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

This is to Certify that
Sowmyashree K, 6th Semester-EEE at sir.MVIT
has attended the Internship program conducted by Harmonizer India Pvt
Ltd.,

Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT
and Machine Learning technologies
21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

This is to Certify that
VARUN B BANAKKAR, 6th Semester-EEE at sir.MVIT
has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT and
Machine Learning technologies

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

This is to Certify that

SONAL KUMAR, 6th Semester-EEE at sir.MVIT
has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

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Machine Learning technologies

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

This is to Certify that

ANUPRIYA K V, 6th Semester-EEE at sir.MVT
has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

**Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT and
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21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

This is to Certify that

CHARAN PB, 6th Semester-EEE at sir.MVIT
has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

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Machine Learning technologies

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

This is to Certify that

SYED IRFAN, 6th Semester-EEE at sir.MVIT
has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

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Machine Learning technologies**

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



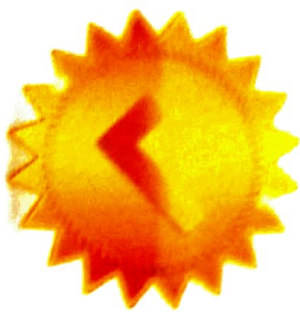
Certificate of Internship

This is to Certify that
Reet Gupta, 6th Semester-EEE at sir.MVIT
has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT and
Machine Learning technologies

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

This is to Certify that
YESHWANTH RAJ, 6th Semester-EEE at sir.MVIT
has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT and
Machine Learning technologies

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

This is to Certify that
ISHRATH KHUSHBUDA, 6th Semester-EEE at sir.MVIT
has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT and
Machine Learning technologies

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

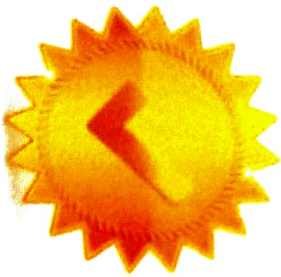
This is to Certify that

PRAITYUSH RAJ PANDEY, 6th Semester-EEE at sir:MIT
has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT and
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21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



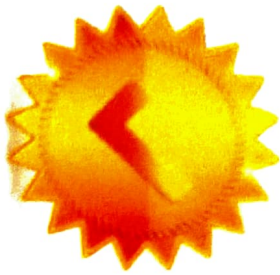
Certificate of Internship

This is to Certify that
SREEJITH C S, 6th Semester-EEE at sir: MVIT
has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT and
Machine Learning technologies

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

This is to Certify that
SWAPNA N, 6th Semester-EEE at sir.MVIT
has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT and
Machine Learning technologies

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

This is to Certify that

HARSH PRAKASH, *6th Semester-EEE at sir.MVIT*
has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT and
Machine Learning technologies

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship



This is to Certify that
CHAITRA C, 6th Semester-EEE at sir.MVT
has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT and
Machine Learning technologies

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

This is to Certify that
Anmol Anand, 6th Semester-EEE at sir.MVIT
has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT and
Machine Learning technologies

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

This is to Certify that
SRIKANTH M, 6th Semester-EEE at sir.MVIT
has attended the Internship program conducted by Harmonizer India Pvt Ltd.,

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Machine Learning technologies

21st Aug – 20th Sept 2022

M.R.Srinivas - CTO



Certificate of Internship

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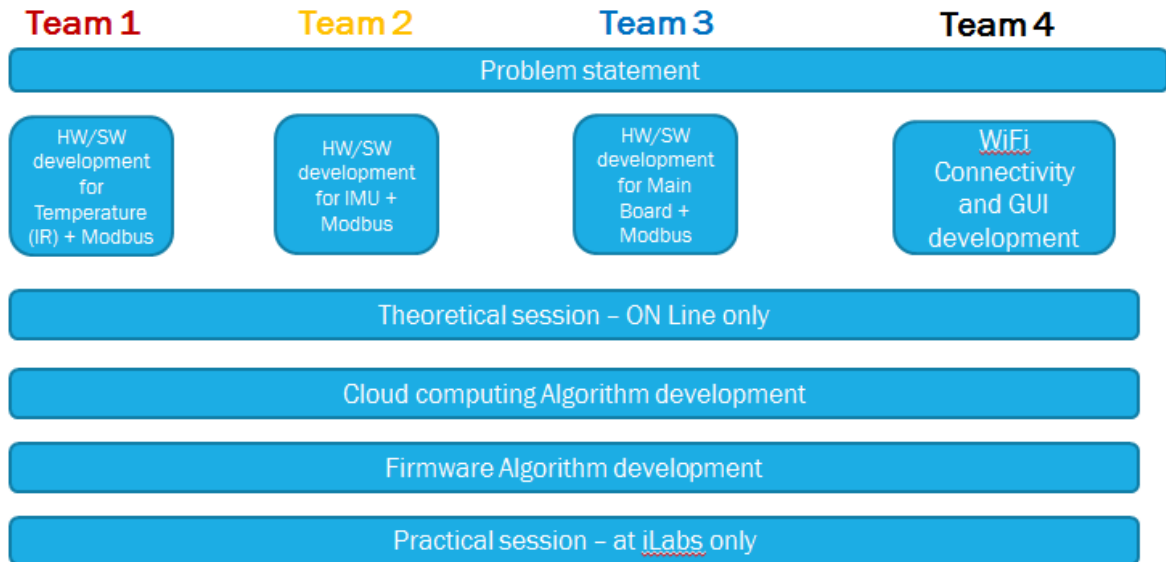
Suyesha Bhattacharjee, 6th Semester-EEE at sir.MVIT
has attended the Internship program conducted by Harmonizer India Pvt
Ltd.,

Method to detect, measure, analyze Temperature, Vibration of Electric motor using IIoT
and Machine Learning technologies
21st Aug – 20th Sept 2022



M.R.Srinivas - CTO

PROJECT INTRODUCTION



TASK PERFORMED

Week 1- Project introduction

Week 2- Problem assigned

Week 3- Implementing Inertial Measurement Unit (IMU) sensor

Week 4- Solution Implemented & Output Result

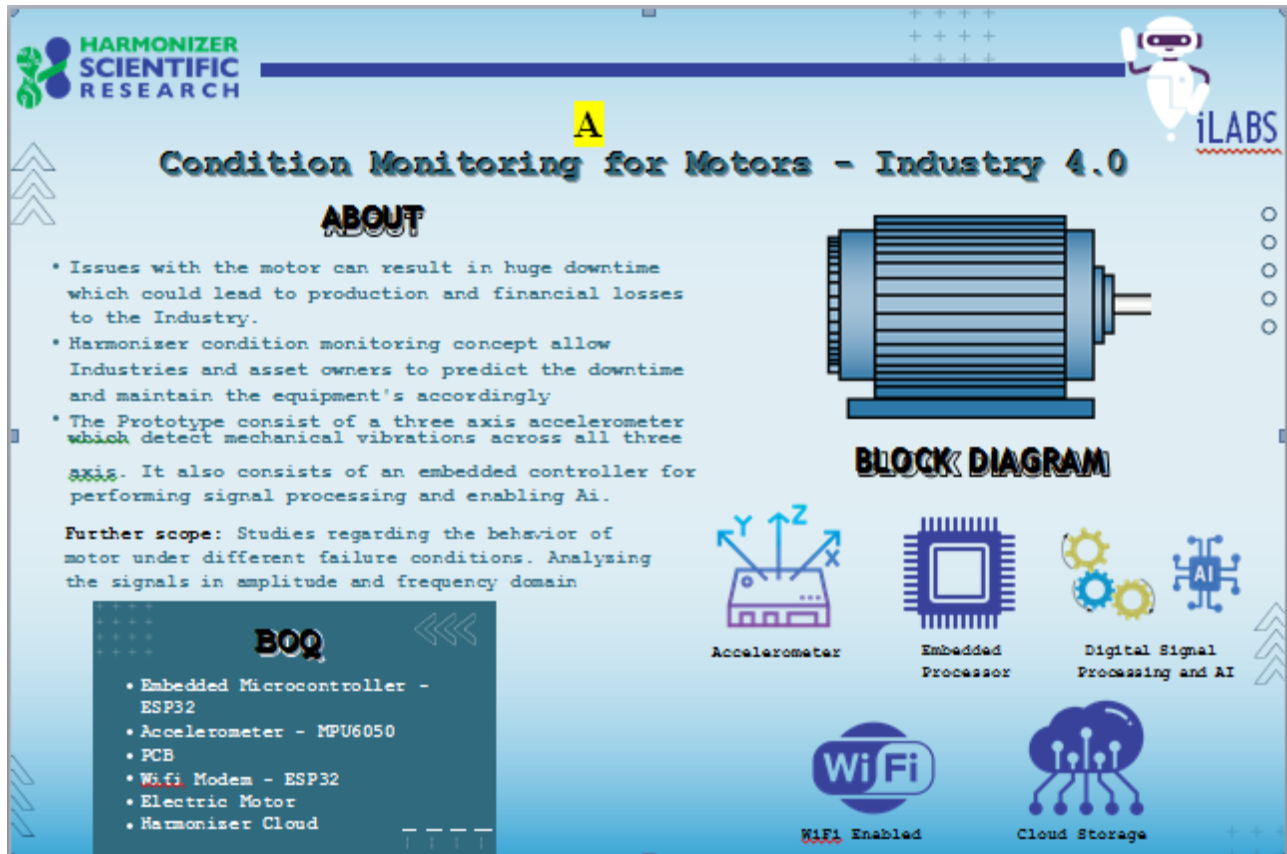
COMPLETED PROJECT LIST IN ILAB -2022-23

A. Condition Monitoring for Motors-Industry 4.0

B. Home and Industrial Automation

C. Transformer Condition Monitoring-Industry 4.0

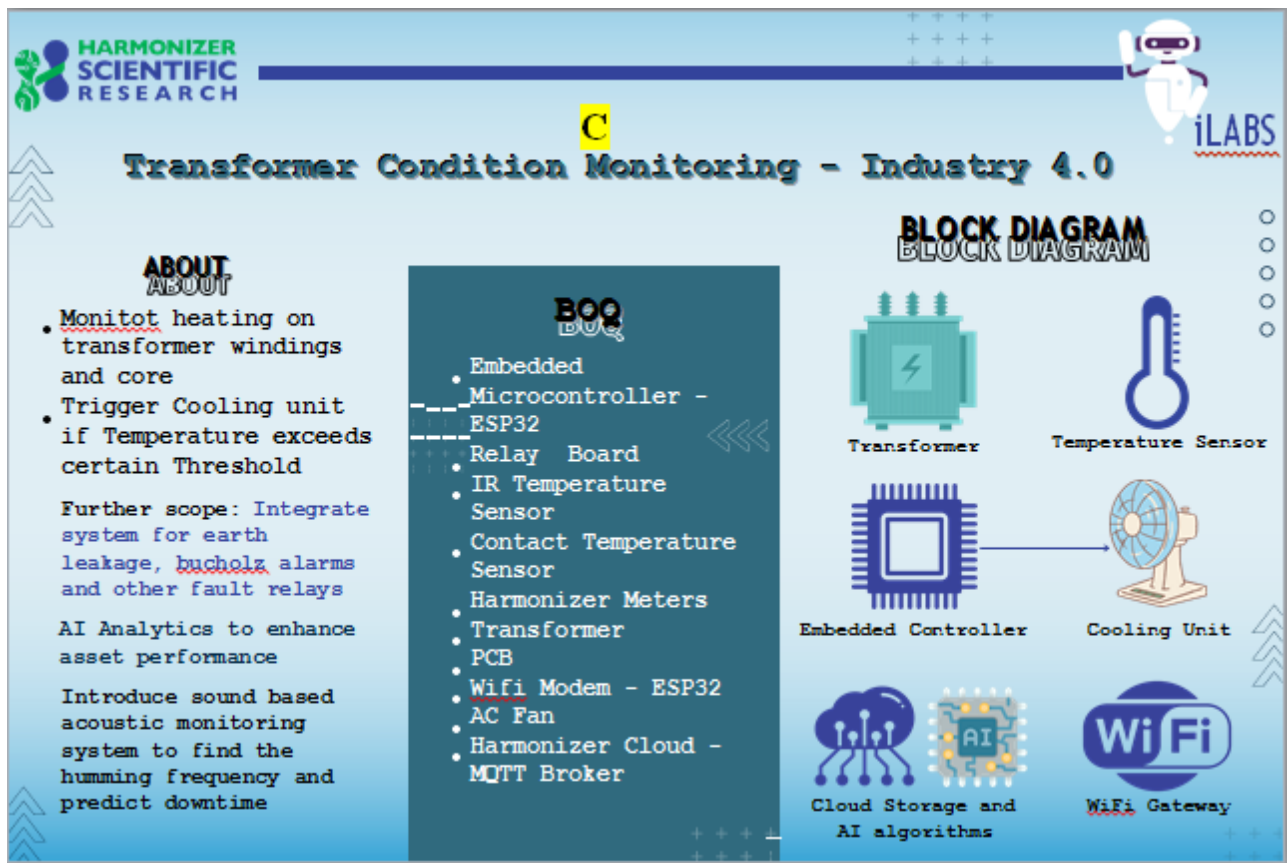
A. Condition Monitoring for Motors-Industry 4.0



B. Home and Industrial Automation



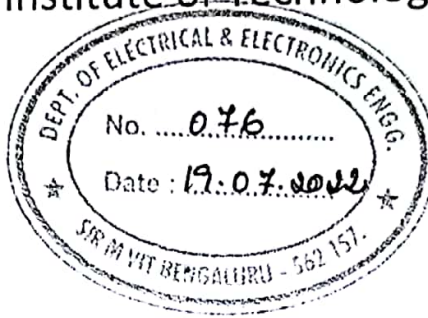
C. Transformer Condition Monitoring-Industry 4.0



Department of Electrical and Electronics Engineering
Sir M Visvesvaraya Institute of Technology, Bengaluru

To

Principal
SIRMVIT
Bengaluru



19/07/2022

Proper Channel

Respected Sir,

Subject: MOU Renewal of SirMVIT_KSCST IP CELL-Reg.

With reference to the above subject, we like to bring to your Kind notice that SirMVIT_KSCST IP CELL MOU is to be renewed. The MOU between SirMVIT and KSCST was done on 14th July 2020, for a time period of 2 years and the renewal is due for this month.

We have already initiated the process of renewal of MOU with KSCST and they have agreed for the renewal for 3 years of period. As MOU done earlier, MOU should be done on RS 100 (exclusive of Service charge) E Stamp.

In this regard kindly give permission to renew the MOU and sanction amount of Rs 200/- towards the E Stamp and bond sheets.

Looking forward for your kind approval and needful.

Regards

Dr. Mahesh K
Professor
Dept of EEE
SIRMVIT
Bengaluru.

Forwarded for kind
consideration.
Sub

Enclosed: Earlier MOU copy of SIRMVIT_KSCST IP CELL

PROF. & HEAD, 10/7/2022
DEPT. OF ELECTRICAL ENGG.
SIR M. VISVESVARAYA INST. OF TECHNOLOGY
(Krishnadevarayanagar, Hunsarasanahalli)
(Via) Yelabanka, Bangalore-562 157

Recommended by Dr.

The IPR cell at

our institution is actively conducting many
events (20+ programs), and facilitating the
awareness about IPR aspects. This cell
is a valuable requirement for any higher
Education Institute, and hence its renewal
is highly recommended, and the

required amount of Rs 200/-
may kindly be sanctioned.

20/7/2022



सत्यमेव जयते

INDIA NON JUDICIAL

Government of Karnataka

Rs. 200

e-Stamp

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Certificate Issued Date

10-Jul-2020:12:08 PM

Account Reference

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Unique Doc. Reference

: SUBIN-KAKAKSEGL0863628247812630S

Purchased by

: SR M.VISVESVARAYA INSTITUTE OF TECHNOLOGY

Description of Document

: Article 12 Bond

Description

: MOU BETWEEN KSCST AND SIR M VIT

Consideration Price (Rs.)

: 0

First Party

: KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Second Party

: SR M-VISVESVARAYA INSTITUTE OF TECHNOLOGY

Stamp Duty Paid By

: SR M-VISVESVARAYA INSTITUTE OF TECHNOLOGY

Stamp Duty Amount (Rs.)

: 200

(Two Hundred only)

सत्यमेव जयते

MEMORANDUM OF UNDERSTANDING BETWEEN



Karnataka State Council for Science and Technology (KSCST), IISc,
Bengaluru

AND

Statutory Alert:

1. The authenticity of this Stamp Certificate should be verified at "www.shcliestamp.com". Any discrepancy in the details on this Certificate and as available on the website renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.



Sir M. Visvesvaraya Institute of Technology, Bengaluru

FOR COLLABORATION BETWEEN

Karnataka State Council for Science and Technology
(KSCST), IISc, BENGALURU

AND

Sir M. Visvesvaraya Institute of Technology, Bengaluru

Sir M Visvesvaraya Institute of Technology (Sir MVIT) is an Institute of repute in the state of Karnataka founded by Sri Krishnadevaraya Educational Trust (Sri KET) in 1986. The institute offers nine B.E. degree programs in Civil, Mechanical, Electrical & Electronics, Electronics & Communication, Computer Science & Engg., Industrial Engineering & Management, Telecommunication, Information Science and Bio Technology and four Masters Programs in Computer Applications, Business Administration, Computer Integrated Manufacturing and Electronics.

The Institute is affiliated to Visvesvaraya Technological University and approved by All India Council for Technical Education, New Delhi and is accredited by National Board of Accreditation, New Delhi. Sir MVIT is an ISO 9001:2008 Certified Institution. Department of Mechanical Engineering, Department of Electrical & Electronics Engineering, Department of Electronics & Communication Engineering and Department of Biotechnology are declared R&D centers by the university.

Sir MVIT is situated on a vast campus of 133 acres on the Bellary road near Air Force station, Yelahanka, close to Bengaluru International Airport (21 km from Bangalore city station). The institute has 2800 students & over 260 well-experienced faculty members, fully equipped labs (including project labs), seminar halls (For each department adequately equipped with multimedia facilities).

With well qualified and motivated faculty, state-of-art laboratory facilities, well-equipped library and high speed Internet browsing center with connectivity and almost 100% placement, it is no wonder that the institute

has been ranked No. 1 among the engineering colleges in the State by the reputed magazine 'Dataquest'. All our departments spread over on 53.8 hectares of greenery and serenity, are well connected by optical fiber backbone network. The Institute has, on its campus, Men's & Women's hostels, 100 bed general hospital, Ladies amenities center, staff quarters, Guest house, Cafeteria, outdoor sports facility spread over 12.1 hectares and an indoor games complex. The Institute power requirements are met by a dedicated HT power connection from BESCO and Captive Power generating units. The institute is connected to all the parts of the city by its own fleet of buses. All the students admitted to the institute are covered by insurance for life and medical care.

The college has a full-fledged training & placement cell headed by an officer with vast experience in HR / HRD matters. Top companies like WIPRO, ADITI TECHNOLOGIES, INFOSYS, COGNIZANT, HP, De-Shaw, TCS, CROMPTON GREAVES, TATA ELXSI, ACCENTURE, ROBERT BOSCH, ITC INFOTECH, HCL Technologies, L&T INFOTECH, CARITOR INDIA, BIRLASOFT, SASKEN, LG SOFT, SONATA SOFT, ACCORD SOFTWARE. HUGHES, CATER PILLAR, SATYAM, MINDTREE, IGATE, IFLEX etc have been conducting campus recruitment in the institute students on continuous basis. Every year around 35 to 40 top companies (including non-IT companies) visit the institute and 90 to 100% students are placed.

This institute is identified by All India Council for Technical Education as a c- Nance training center. Apart from the curricular activities, there are adequate facilities for sports / games, cultural activities.

The vision of Sir MVIT is to become an autonomous Institute and later to be a Deemed University of repute through concerted efforts of our management, faculty and students.

Karnataka State Council for Science and Technology (KSCST) was established in the year 1975. It is one of the first State S&T Councils to be set up in the country. KSCST is an autonomous S&T organization under Department of Science & Technology, Government of Karnataka.

During the last 44 years, KSCST has been pro-actively engaging itself to identify, propose and implement S&T based solutions to locale specific needs / problems in the broad areas of Water, Education, Energy, Ecology and Environment, Waste management and Infrastructure. In co-operation with the Indian Institute of Science and several other premier R&D institutions, KSCST executes many projects and programmes aimed at improving socio-economic conditions of the people of the state.



Over the years, a number of technologies have been translated, from research and demonstration phase, to the implementation and operational phase. KSCST provides support to the Central and State Governments, in formulation of S&T based policies, scientific surveys, project implementation, evaluation, co-ordination & monitoring, organization of scientific meets and awareness campaigns. The Department of Science and Technology, Government of India advocated KSCST as a model to all the states.

The Principal, Sir M Visvesvaraya Institute of Technology (Sir MVIT), Bengaluru and the Executive Secretary, Karnataka State Council for Science and Technology (KSCST), Bengaluru have arrived at the agreement for mutual co-operation and collaboration on matters of mutual interest. Hence, this Memorandum of Understanding (MOU).

The following are the terms of agreement:

1. For the purpose of this MOU Karnataka State Council for Science and Technology (KSCST), Bengaluru to provide the legal assistance in matters relating to Intellectual Property Rights on need basis as agreed upon. Sir M Visvesvaraya Institute of Technology (Sir MVIT), Bengaluru shall provide the support in terms of Technical inputs for effective understanding of drafting of patents towards filing of them.
2. The PIC of KSCST would provide assistance for the activities related to:
 - a. Internships, Project (Science, Humanities and Commerce), setting up of an IPR Cell, training personnel on IPR etc.,
 - b. Any other areas of co-operation to be mutually agreed by the parties.
3. KSCST and Sir M Visvesvaraya Institute of Technology (Sir MVIT), Bengaluru may in joint collaboration organize workshops training programme, conduct research activities, involve in publications of books and journals and offer academic course.
4. KSCST may depute qualified officers/ Individuals to sensitize and training the faculties, students and research bodies, in order to create an ecosystem that stimulates innovation and independent thinking to evolve innovative ideas for developing value added products, process or services.
5. The MOU between KSCST and Sir M Visvesvaraya Institute of Technology (Sir MVIT), Bengaluru Shall be supplemented by detailed work plans to be developed jointly which describe more specially the activities to be carried out under this collaborative programme.

H. Kumar —

6. As per needs, the Karnataka State Council for Science and Technology (KSCST) and the Sir M Visvesvaraya Institute of Technology (Sir MVIT), Bengaluru may constitute a Joint Committee to work out the practical problems of collaborations between the two institutions to ensure proper and effective implementation of this MOU.

7. Such details agreed upon will be effective through exchange of letters by the Karnataka State Council for Science and Technology (KSCST) and Sir M Visvesvaraya Institute of Technology (Sir MVIT), Bengaluru and such letters shall form part of this agreement.

SCOPE OF THE MOU:

KSCST Roles and Responsibilities


- KSCST may provide technical assistance in securing the registration for IPR.
- There shall be no financial responsibility from the side of the KSCST.
- KSCST may associate with Sir M. Visvesvaraya Institute of Technology (Sir MVIT), in organizing programmes.

Sir M Visvesvaraya Institute of Technology (Sir MVIT),

Roles and Responsibilities

- Sir M Visvesvaraya Institute of Technology (Sir MVIT), may make available suitable conference rooms and amenities for IPR activities.
- Sir M Visvesvaraya Institute of Technology (Sir MVIT), students may be part of the programs organized in their venue.

This agreement shall be in effect initially for a period of 2 years from the date on which this MOU is signed by both the parties and may be renewed thereafter, if mutually agreed. Either party may terminate the agreement by written notification sent to the proper Officer of the institution. Such notice must be received by either Party within six months prior of the effective termination date.



In witness where off the parties hereto caused this instrument to be executed as of the date, month and year indicated below.

On behalf of the **Sir M Visvesvaraya Institute of Technology (Sir MVIT), Bengaluru**

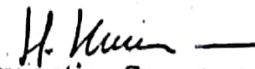

PRINCIPAL

Sir M Visvesvaraya Institute of Technology

SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
Krishnadevaraya Nagar, Hunsur, Mysore Road
International Airport Road, Bengaluru-562 157

Date: ...14.07.20.....

On behalf of the **Karnataka State Council for Science and Technology (KSCST), Bengaluru,**



Karnataka State Council for Science and Technology

**Executive Secretary,
Karnataka State Council for Science and Technology
Indian Institute of Science Campus
BENGALURU - 560 012**

Date: 14/7/2020

5 Day Faculty Development Programme on “Intellectual Property Rights” and Inauguration of Sir MVIT - KSCST IP Cell

Dates: 19th, 20th, 21st, 22nd & 23rd October 2020

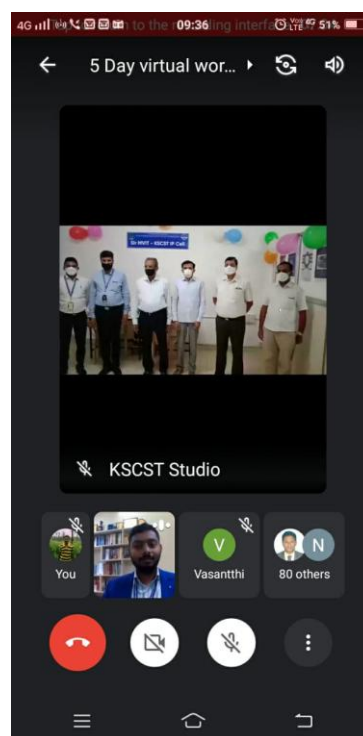
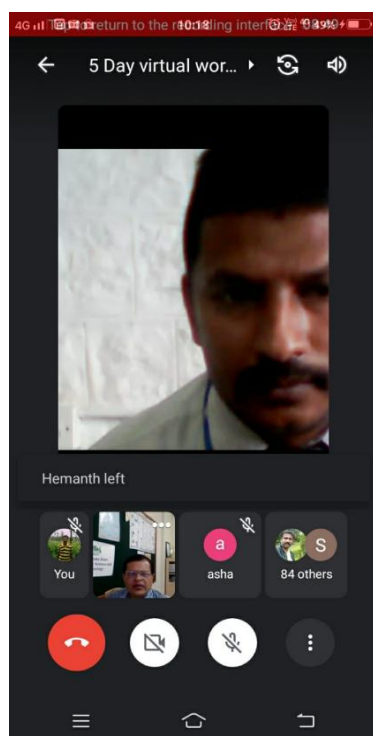
Time: 10-00 am – 11.30 am

Summary of the Programme:

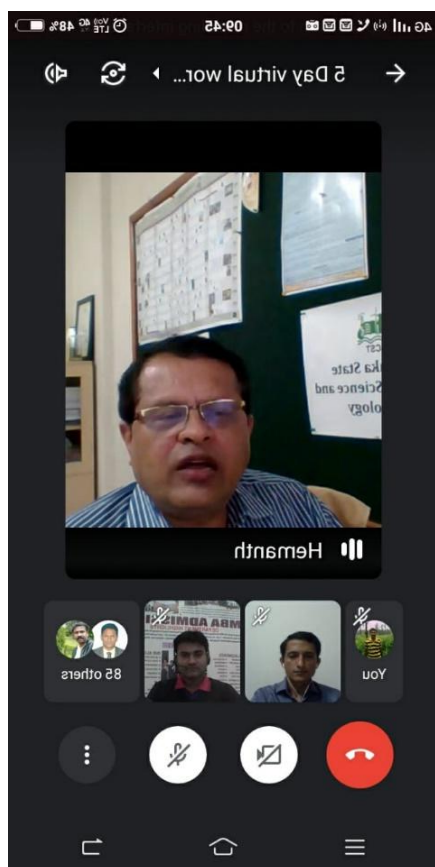
Compiled by – Dr. Mahesh.K, Professor, EEE dept, SirMVIT.

SirMVIT in association with KSCST and CIPAM has organized 5 day Faculty Development programme on Intellectual property Rights and also inaugurated SirMVIT-KSCST IP cell. The Inauguration of SIRMVIT- KSCST IP Cell and National Workshop on significance of IPR was held on 19th oct -23rd oct 2020 at SirMVIT. The workshop was organised with the motive of spreading the knowledge on the Intellectual Property Rights, its importance and protection and attended by over 120 participants from various educational institutions.

The day 1 workshop began with the invocation song by the students of EEE dept **Ms Pooja** and was followed by the Welcome Address by **Dr. Mahesh K**, professor, EEE dept and IP cell coordinator. He welcomed the Honorable Guests for the workshop and gave a brief introduction on the IPR. The Dignitaries and faculty of the SirMVIT, unfolded the virtual Inauguration of the SirMVIT-KSCST IP Cell, which was attended/ Inaugurated by **Sri K. Syama Raju**, Secretary, Sri Krishnadevaraya Education Trust, **Sri G. Prabhakar Raju**, Academic Chairman, SIRMVIT, **Dr V R Manjunath**, Principal, SIRMVIT, **Dr. H L Suresh**, HOD-Electrical, SIRMVIT, **Dr. Mahesh.K**, Coordinator, SirMVIT-KSCST IP Cell and other dignitaries from college were present.

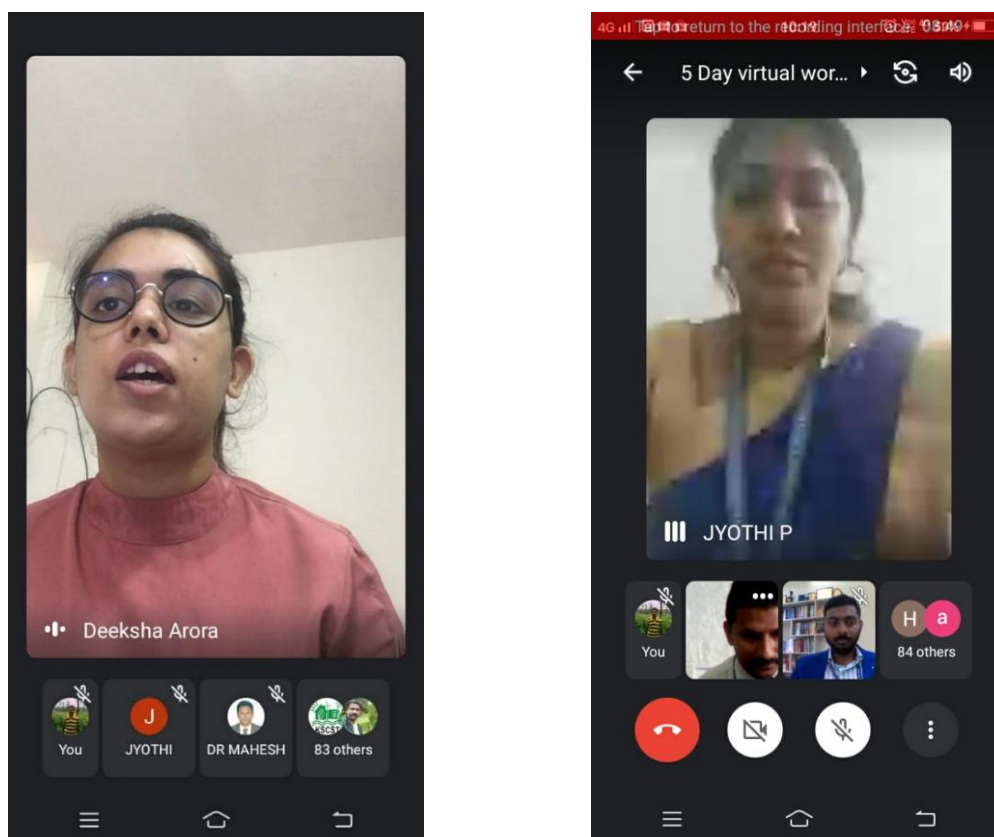


The opening remarks was presented by **Dr H L Suresh**, Prof and HOD of EEE dept, SirMVIT, He enlightened the participants by focusing on the importance of the IP cell in the institution and also explained the importance of the research. The next speaker was **MR. Hemant Kumar H.**, Chief Scientific Officer at Karnataka State Council for Science & Technology. He is currently investigating the Karnataka Natural Data Management (NRDMS). He inspired the audience by sharing his working experience in this field. He elaborated on the policies and technologies being followed by the KSCST. He concluded by sharing his aim to establish 100 IP cells. He also shared that he had been successful to establish 10 cells from 2015. After such an inspiring inauguration, The Academic Chairman of SirMVIT, **Sri G. Prabhakar Raju** congratulated the IP Cell Coordinator's and expressed his insights for such an auspicious day. He stressed on the point: "Every Policy has emphasis on Intellectual Property". He linked the other polices with the Intellectual property, explained the origin of the Intellectual Property Policy and stated its development over time. He concluded by giving suggestions for established the Intellectual Property policy for the IP Cell and gave advice for its smooth administration.



The final taught about this FDP was shared by **Ms Deekash arora**, Coordinator of CIPAM, who is a Legal Trainee in CIPAM at Ministry Of Commerce and Industries and with Cell for Intellectual Property Rights Promotion and Management (CIPAM) team. She started with the background of the IPR policy framed, its vision and mission statement, and its objectives. She elaborated the work of the CIPAM team and awareness programs. He explained the four major sectors such as awareness, enforcement, commercialisation and misc. She concluded with the phrase "Creative India, Innovative India". The last part of the Inauguration was vote o thanks by **Ms Jyothi P**, Asst prof, EEE dept, she thanked all the participants for join the program and thanked all the members of the Management, College,

KSCST and CIPAM for their support to establish the IP Cell.



The first day Technical session of the workshop was addressed by **Dr. Sarasija Padmanabhan**, who is currently an IP Analyst and Patent Agent, and is also working as an Associate Expert in a project with the World Intellectual Property Organisation (WIPO). Her main area of focus was a very interesting topic- Prior art. She first delved into the definition of prior art (any evidence that your invention is already known), and then went on to the objectives and importance of prior art search. She posed interesting questions to the audience and kept them entertained and well-informed by giving illustrative cases such as the “Donald Duck as prior art” case. After that, she applied the theoretical part practically through a series of videos that showcased exactly how to conduct the prior art search which was undoubtedly very useful to the audience.



Day 2 : The technical session was addressed by **Mr. B. Vivek Anand Sagar** who is a consultant and an IPR Attorney in Patent Information Centre, Karnataka State Council for

Science and Technology in IISC Campus, Bangalore. His presentation was full of life, and he did not shy away from having fun with the audience and lightening the mood by adding a few jokes in between. He combined all the points of the previous speakers before him and delivered his own view points in his own unique style. He broached the subject of Traditional Knowledge Digital Library which is an excellent tool to protect the ideas that have been part of the Indian culture since time immemorial. With the help of some fun Trademark Identification games, he engaged the audience fully and gave a fitting summary to all that had been spoken in the workshop.



Day 3: The technical session was addressed by **Mr Nagarjun M G** , is currently working as project associate at Karnataka State Council for Science and Technology (KSCST), IISc campus Bengaluru. Now he has been assigned to coordinate the KSCST - Patent Information Centre (PIC) and Technology and Innovation Support Centre – TISC, WIPO. At PIC he follows up all the Information Education & Communication activities of PIC, IP filings, Establishment of IP Cells, Institutional Policymaking, and other projects and programmes of the Patent Information center. He spoke extensively on the area of patent commercialisation and the different options available to a person once their work is patented.



Day 4: The technical session was addressed by **Mr. M.G. Kodandaram**, IRS, who is an Assistant Director (Retd), Master Trainer of GST for CBIC, GOI and has contributed immensely to the field of training and capacity building. His speech was eloquent and heartfelt as he talked about the negative effects that widespread commercialization of patents has had on humanity. He spoke about how this kind of commercialization has led to the upliftment of individual interest rather than public interest and has propelled humankind to be more and more materialistic each day. Yet, he accepted the fact that this change is now inevitable and is a part of life, and therefore, encouraged everyone to inculcate ethical habits

especially in matters of intellectual property rights. Lastly, he cheered on the spirit of innovation, which is the need of the hour today.



Day 5: The concluding speech of the 5 day FDP was delivered by **Dr. Sanjeeva Kumar Majumdar** is working as Manager in StartUp Activities & Intellectual Property Division of National Research Development Corporation, New Delhi, which is an enterprise of Department of Scientific & Industrial Research under the Ministry of Science & Technology, Government of India. NRDC was created with the mandate to promote and commercialize indigenously developed technologies emanating from various Research Institutes, Universities & Academic Institutions in the Country. He spoke on IP Commercialization& Licensing and Through his speech, he simplified the concepts in a way that was beneficial to the audience. His speech focused around understanding patents, filing and processing of patent application, types of patent applications, filing requirements, procedure and the fees required. Thus, he gave an overview of the entire process of patenting in a simple and profound way.



After the Concluding speech /Session of Dr. Sanjeeva Kumar , we had the quiz for all the participants , were in the quiz had 25 questions , 2 marks each with time limit of 30 minutes for total of 50 marks was conducted . At the end of the day 5, IP cell coordinator **Dr.Mahesh.K** , thanked all the participants for actively involving in all sessions of the 5 day FDP and also thanked the all the speakers for their valuable time and taught to share with all the participants and special thanks to KSCST and CIPAM Coordinator Mr Nagarjun and Deeksha arora for all the support provided for conducting this 5 day FDP on IPR and Thank our Principal and Heads of all the dept of SIRMIVT for their Guidance and encouragement and not forgetting our Management SriKET for providing Finical support for setting up the SIRMVIT-KSCST IP Cell and the 5 day FDP on IPR. The workshop then came to an end and needless to say, it had been a grand success.

More glimpse of workshop :



SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
Krishnadevarayanagar, Hunasamaranahalli, Yelahanka, International Airport Road., Bengaluru- 562 157
Phone: 080-28467248, 28477024
Website: www.sirmvit.edu

Five days virtual workshop on “Intellectual Property Rights and Inauguration of Sir MVIT - KSCST IP Cell”

Thank You all for the active participation 🌟



Meeting details

Pratima Khandeal 10:40 AM
No
It's a well known design

Nandan N 11:00 AM
NO

Nandan N 11:15 AM
May I know the maximum time once the patent application submitted??

Nandan N 11:17 AM
Is there any way to reduce the time of two years of patent process...??

Anima Upadhyay 11:18 AM
Can 2-3 people jointly file the patent

Pratima Khandeal 11:20 AM
How long it takes to get design application to complete all associated formalities and get awarded?
Any maintenance fee to be paid for its life?

Pratima Khandeal 11:21 AM
Fine. Thank you

Nandan N 11:22 AM
If the patent filed from college side the Who will benefited...??

Nandan N 11:23 AM
Thank you Sir

Meeting details

Turn on captions Present now

Type here to search

11:25 21-10-2020

Meeting details

Experimentation

Halima Jeeish 10:14
review of papers

Basavarajeshwari Hukarani 10:14
review of literature

Ravi Parimi 10:15
And results oriented work

Shiva Kumar 10:15
Abstract

SIDDAPPAJI M R 10:15
practical application

Halima Jeeish 10:15
utility

Shanti Iyer Principal, NSAM FOC Bengaluru 10:15
Scope of the work

Basavarajeshwari Hukarani 10:15
problem

Poojashree Shukla 10:15
innovative ideas

Ravi Parimi 10:15
Proof of concept??

Shanti Iyer Principal, NSAM FOC Bengaluru 10:15
Gap to be identified

Meeting details

Turn on captions Present now

Type here to search

10:15 20-10-2020

Meeting interface showing a presentation slide titled "IPR and Cyber interface" by M G KODANDARAM, IRS, ASSISTANT DIRECTOR (Retd) NACIN. The slide features a globe with flags and binary code. The meeting is hosted by Madihal Kodandaram. The interface includes a grid of participants on the right, a meeting details panel at the bottom, and a Windows taskbar at the bottom.

Meeting details:

- Meeting ID: 1017 22-10-2020
- Participants: 10
- Speaker/Headphone (Realtek High Definition A...)

Meeting interface showing a presentation slide titled "Feasibility Report of Tribal propo...". The slide features a photo of a man. The meeting is hosted by Madihal Kodandaram. The interface includes a grid of participants on the right, a meeting details panel at the bottom, and a Windows taskbar at the bottom.

Meeting details:

- Meeting ID: 1017 22-10-2020
- Participants: 10
- Speaker/Headphone (Realtek High Definition A...)

Dr Sanjeev Majumdar is presenting

NATIONAL RESEARCH DEVELOPMENT CORPORATION
IP Commercialisation & Licensing
 NRDC Scheme and Services for Research Scientist and Academics

Dr. Sanjeeva Kumar Majumdar
 Manager - IPR, Startups & Incubation

NATIONAL RESEARCH DEVELOPMENT CORPORATION
 20-22, Zamrudpur Community Centre,
 Kalkaji Colony Extension, New Delhi,
 Delhi - 110048

Meeting details (32)

- Nagarjun M.G (You)
- Anima Upadhyay
- Basavarajeshwari Hokarani
- Beula D
- bhaskar c
- Deeksha Arora
- DR MAHESH SIRMVIT
- Dr Sanjeev Majumdar
- Dr Sanjeev Majumdar (Presentation)
- Dr. C.V Mohan
- Dr. Ravi Kumar H Civil
- Dr.Chinnayan R
- Dr.M.S Divya Rani
- Electronics Simplified
- H Nagesh

Meeting details (57)

- Nagarjun M.G (You)
- anchal chhabra
- Anima Upadhyay
- asha rani
- Basavarajeshwari Hokarani
- Beula D
- bhaskar c
- bindiya tyagi
- Chaya Ty
- Devi B
- DR MAHESH SIRMVIT
- Dr Rashmi K V
- Dr Sanjeev Majumdar
- Dr Suresh Melkote

Sir.MVIT - KSCST& CIPAM 5 day FDP on IPR Quiz Link: <https://forms.gle/F9weWNcqFNJKW5nV8>

Report on Intellectual Property Rights (IPR) and IP Management for Start-ups workshop

Presentation Topic: Overview on Intellectual Property Rights (IPR) and IP Management for Start-ups

Resource Person:

Dr. K. GOPALAKRISHNAN

Secretary General of University Space Engineering Consortium-India
Founder and Convener, 75 Students' Satellites Consortium: Mission 2022!

Sir M Visvesvaraya Institute of Technology in association with Institutions Innovation Council, Sir MVIT – KSCST IP CELL and Department of Electrical and Electronics Engineering had organized an workshop on 16th July 17, 2021. The Objective of the workshop was to give a general introduction to the concept of Intellectual Property Rights and Their Role in Technology Transfer and Startups to students, Research scholar and faculty

Due to the deadly pandemic spread happening, the workshop was organized online. Dr. Mahesh.K, Professor , EEE dept. and Coordinator of SirMVIT- KSCST IP Cell , Introduced Dr. K. GOPALAKRISHNAN , Speaker , of the workshop to the participant and Highlighted the importance of such workshops. Dr. K. GOPALAKRISHNAN, started is session by giving a brief introduction of the intellectual Property Rights and is importance in Academics, Research and startups. He explained about various types of Intellectual property rights like Patents, Trade Marks, Design, Copy Rights and Geographical Indications. He spoke about the Indian patent and its office in our country and also explained the importance of holding patents in the other countries. He touched up Patent search, IP Filing, process of patent awarding and many more key points about IPR. At the end he instead that all the academic institution to support the talented students, research scholar and faculty to go for IPR and encourage Startups. He did not forget to thank SirMVIT, Management and Principal, for providing an opportunity to be speaker of this workshop. The last 15 minutes of the workshop, QA session was taken up and participants asked their questions and the speaker answered to them all.

Indeed, the workshop was lead to its objective and all the participants thank the speaker for the wonderful session.

The workshop had received 150+ registrations and over 100+ participated in the session.

We would like to thank Sri Krishnadevaraya Trust, SirMVIT IIC, SirMVIT-KSCST IP CELL and Dept of EEE, for providing us an opportunity to organize this workshop.



SHOT ON MI A2
MI DUAL CAMERA

SRI KRISHNADEVARAYA EDUCATIONAL TRUST

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi, RECOGNISED by AICTE AND Accredited by NBA & NAAC)
Krishnadevarayanagar, OFF INTERNATIONAL AIRPORT ROAD, HUNASAMARAHANAHALLI, BENGALURU-562157



SIR MVIT - KSCST IP CELL

Supported by Patent Information Center
Karnataka State Council for Science and Technology (KSCST)



IN ASSOCIATION WITH DEPT. OF ELECTRICAL AND ELECTRONICS ENGINEERING

PRESENTS

**26TH
APRIL
2023**

**WORLD
INTELLECTUAL**

**THEME
"CAN DO"
ATTITUDE OF
WOMEN
INVENTORS**

**ATTRACTIVE
PRIZES FOR
WINNERS**

PROPERTY RIGHTS DAY

**ENTRY
FREE**

EVENTS

• **QUIZ** • **IDEA SUBMISSION** • **ESSAY WRITING**

CONVENER

PROF. RAKESH S.G.
PRINCIPAL

FACULTY COORDINATOR

DR. MAHESH K
PROFESSOR DEPT. OF EEE

COORDINATOR

DR. H. L. SURESH
PROF. & HOD OF EEE

STUDENT COORDINATORS

VAIBHAVI - 8217303579
PUNITH M R - 8951465606

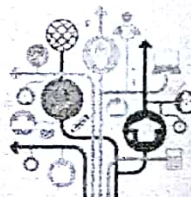
REGISTER



CERTIFICATES WILL BE PROVIDED FOR ALL QUALIFIED PARTICIPANTS



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)



JOIN US HERE





Sir M Visvesvaraya Institute of Technology
Hunasamaranahalli, Bengaluru-562157



Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate, Bengaluru - 560 010

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) has been entered on **02.12.2022**

By and Between

Sir M Visvesvaraya Institute of Technology having its campus at Hunasamaranahalli, Bengaluru-562157 and represented by **Prof. Rakesh S.G, Principal.**

AND

Government Tool Room & Training Centre, Bengaluru having its campus at Rajajinagar Industrial Estate, Bengaluru - 560 010. (Hereafter referred as "GTTC") and represented by **Managing Director-GTTC.**

The purpose of this agreement is with reference to defining the areas of co-operation benefiting both the organizations & agreeing to offer academic interface programs as detailed below:

1. To get an insight in to the requirement of industries and to develop relevant talents, to enable students to meet the industrial challenges.
2. To provide required Industrial Training and Internships, in order to build confidence and facilitate smooth transitions of students from academic to working environment.
3. To plan regular Industrial visits to make students understand the technical advancements in emerging domains.
4. To conduct joint seminars, workshops and short-term Training programs to regularly update the knowledge of faculty and students.
5. To organize joint meetings of industrial professionals & faculty members, to discuss possible implementation of curricular aspects in line with industry requirements.
6. To facilitate the resources available at either ends, to carry out project activities to both students and faculty members.
7. To work towards offering placement assistance to students, in core and niche areas.



To utilize the expertise of faculty members and Industry Professionals from both the organizations, apply for setting up of Centers of Excellence (COE) in leading edge domains.

TERMS AND CONDITIONS:

1. This agreement of MOU may be executed by both the parties each of which shall be deemed as original and together shall constitute one and the same document.
2. The parties shall keep each other informed and shall share all information that may be relevant to secure additional opportunities of interaction for mutual benefit.
3. There shall not be any issues binding legally and financially whatsoever, between Sir M Visvesvaraya Institute of Technology, Hunasamaranahalli, Bengaluru-562157 and Government Tool Room and Training Centre, Bengaluru.
4. The parties shall take all necessary steps to protect the confidentiality of technical know-how, resource materials or proprietary information, which either party shall use only for the purposes highlighted in the agreement.
5. The parties would mutually decide & agree to fix the registration/training fees to be collected from each candidate (against receipt issued by GTTC) for the training programs / workshops conceived by both parties, as per the norms of both institutes.
6. Award of certificates would be to only those who register and successfully complete the training programs/workshops.
7. Press note, public announcements or any other disclosure concerning this agreement shall be made available at relevant platforms, only after mutual consent.
8. If any dispute arises, it shall be resolved mutually by both the parties. However, the decision of Managing Director of GTTC and Prof. Rakesh S.G, the Principal of Sir M Visvesvaraya Institute of Technology, Hunasamaranahalli, Bengaluru-562157 as agreed upon will be final & binding.



Sir M Visvesvaraya Institute of Technology
Hunasamaranahalli, Bengaluru-562157



Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate, Bengaluru - 560 010

VALIDITY:

This agreement of co-operation is valid for duration of five years (5 years) with effect from the date of signing of the agreement of co-operation and may be renewed with mutual consent thereafter. Either party can cancel or terminate this agreement unilaterally without assigning any reason by giving an advance notice of 30 days to the other party.

The Memorandum of Understanding shall come into effect from **02.12.2022**.

In witness where the parties have set their hands here to on the day & year written above under their representative seal of office.

For: Sir M Visvesvaraya Institute of Technology
Training

For: Government Tool Room &
Centre


2/12/2022

Name: **Prof. Rakesh S.G.**

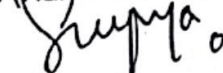
Designation: **Principal**


Date: **02.12.2022**

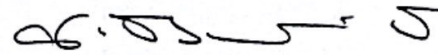
PRINCIPAL

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
Krishnadevarayanagar, Hunasamaranahalli,
International Airport Road, BANGALORE-562 157

Witness (Name & Designation)

1  02/12/22
(Dr. Supriya V.G.)
Prof. ECE, SMVIT

2  02/12/2022
(Prof. V. SHANTHA)
Dept. of Mech. Engrg.
Su MVIT, B'lore.

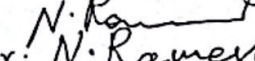



Name: **Sri.H.Raghavendra**

Designation: **MD - GTTC**

Date: **02.12.2022**
Managing Director
Government Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore-560 010

Witness: (Name & Designation)

1  02/12/22
(Dr. N. Ramesha)
Dy. General Manager
GTTC, B'lore

2  02/12/22
ASHOK WALIKAR
Nodal Officer - COO
GTTC
B'lore.

Page 3 of 3



Sir M Visvesvaraya Institute of Technology
Hunasamaranahalli, Bengaluru-562157



Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate, Bengaluru - 560 010

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) has been entered on 08.08.2019

By and Between

Sir M Visvesvaraya Institute of Technology having its campus at Hunasamaranahalli, Bengaluru-562157 and represented by Dr. V R Manjunath, Principal.

AND

Government Tool Room & Training Centre, Bengaluru having its CAMPUS at Rajajinagar Industrial Estate, Bengaluru - 560 010. (Hereafter referred as "GTTC") and represented by Managing Director-GTTC.

The purpose of this agreement is with reference to defining the areas of co-operation benefiting both the organizations & agreeing to offer academic interface programs as detailed below:

1. To get an insight in to the requirement of industries and to develop relevant talents, to enable students to meet the industrial challenges.
2. To provide required Industrial Training and Internships, in order to build confidence and facilitate smooth transitions of students from academic to working environment.
3. To plan regular Industrial visits to make students understand the technical advancements in emerging domains.
4. To conduct joint seminars, workshops and short-term Training programs to regularly update the knowledge of faculty and students.
5. To organize joint meetings of industrial professionals & faculty members, to discuss possible up gradation of curricular aspects in line with industry requirements.
6. To facilitate the resources available at either ends, to carry out project activities to both students and faculty members.
7. To work towards offering placement assistance to students, in core and niche areas.
8. To utilize the expertise of faculty members and Industry Professionals from both the organizations, apply for setting up of Centers of Excellence (COE) in niche domains.



Sir M Visvesvaraya Institute of Technology
Hunasamaranahalli, Bengaluru-562157



Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate, Bengaluru - 560 010

TERMS AND CONDITIONS:

1. This agreement of MOU may be executed by both the parties each of which shall be deemed as original and together shall constitute one and the same document.
2. The parties shall keep each other informed and shall share all information that may be relevant to secure additional opportunities of interaction for mutual benefit.
3. There shall not be any issues binding legally and financially whatsoever, between the Sir M Visvesvaraya Institute of Technology, Hunasamaranahalli, Bengaluru-562157 and Government Tool Room and Training Centre Bengaluru.
4. The parties shall take all necessary steps to protect the confidentiality of technical know-how, resource materials or proprietary information, which either party shall use only for the purposes highlighted in the agreement.
5. The parties would mutually decide & agree to fix the registration/training fees to be collected from each candidate (against receipt issued by GTTC) for the training programs / workshops conceived by both parties, as per the norms of both institutes.
6. Award of certificates would be to only those who register and successfully complete the training programs/workshops.
7. Press note, public announcements or any other disclosure concerning this agreement shall be made available at relevant platforms, only after mutual consent.
8. If any dispute arises, it shall be resolved mutually by both the parties. However, the decision of Managing Director of GTTC and the Dr. V R Manjunath, Principal of Sir M Visvesvaraya Institute of Technology, Hunasamaranahalli, Bengaluru-562157 as agreed upon will be final & binding.

VALIDITY:

This agreement of co-operation is valid for duration of three years (3 years) with effect from the date of signing of the agreement of co-operation and may be renewed with mutual consent thereafter. Either party can cancel or terminate this agreement unilaterally without assigning any reason by giving an advance notice of 30 days to the other party.



Sir M Visvesvaraya Institute of Technology
Hunasamaranahalli, Bengaluru-562157



Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate, Bengaluru - 560 010

The Memorandum of Understanding shall come into effect from 08.08.2019

In witness where the parties have set their hands here to on the day & year written above under their representative seal of office.

For: Sir M Visvesvaraya Institute of Technology

For: Government Tool Room & Training Centre

Name: Dr. V R Manjunath

Designation: Principal

Date: 08.08.2019

PRINCIPAL

Sir M. Visvesvaraya Institute of Technology
Krishnashankar, Bengaluru-560010
International Institute of Technology

Witness (Name & Designation)

- 1
(Dr. SUREEVA YB)
Professor, Sir MVIT
ECE Dept
- 2
(Dr. R G Patil)
Professor, Sir MVIT
ME Dept
- 3

Name: Sri.H.Raghavendra

Designation: MD - GTTC

Date: 08.08.2019

Witness: (Name & Designation)

- 1
(K.L. RAYARASAD, DGM
GTTC)
- 2
R. MUTHUKUMAR
GTTC Manager-Training
- 3



SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
Bengaluru - 562 157



Department of Mechanical Engineering

Date: 28.06.2023

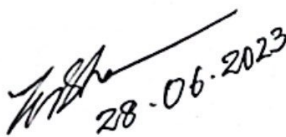
SUBMITTED TO THE PRINCIPAL:

Sub: GTTC Internship Completion Report - Reg.

There are 11 students from IV semester Mechanical Engineering have successfully completed the internship program at Government Tool Room and Training Centre (GTTC) from 29.05.2023 to 15.06.2023 as follows:

Sl No	Course	Duration	Date and Month
1	Essentials for NX Designers	40 Hours	22.05.2023 to 14.06.2023
2	Drafting Essentials	24 Hours	29.05.2023 to 15.06.2023
3	Synchronous Modeling and Parametric Design	24 Hours	02.06.2023 to 14.06.2023

We sincerely thank the Principal and the Management for considering our request and sanctioned the required amount for the students' internship at GTTC.


28-06-2023
Dr K S Shanmukharadhya
HOD ME

PROFESSOR & HEAD
Department of Mechanical Engineering
Sir M. Visvesvaraya Institute of Technology
Bengaluru-562 157

Enclosed:

1. Form No.: R/PP06/08
2. A copy of the request letter submitted to the Principal
3. Approval for sanction of student internship at GTTC
4. Original receipt received from GTTC for Rs 40,040/-, with No.1828 , dated 06.06.2023
5. Sample copies of the certificate of completion



ಸರ್ಕಾರಿ ಉಪಕರಣಾಗಾರ ಮತ್ತು ತರಬೇತಿ ಕೇಂದ್ರ
(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ನೋಂದಾಯಿತ ಸಂಸ್ಥೆ)
Government Tool Room & Training Centre
Rajajinagar Industrial Estate,
BANGALORE-560 010.

Ph : 23152118/23152119
E-mail: gttcbangalore1972@gmail.com
Website: https://gttc.co.in/
PAN No. : AAIAAG0018P
GST : 29AAIAG0018P1ZF

No. **1828** ರಶೀದಿ / RECEIPT Date: **06/6/22**

M/s. **Sir M. Visvesvaraya Institute of Technology, Bangalore** ರವರಿಂದ ಸ್ವೀಕರಿಸಿದೆ.

ಕ್ರ.ಸಂ./ Sl.No.	ವಿವರಗಳು / Particulars	ಮೊತ್ತ (ರೂ.)/ Amount (Rs.)
1.	ದೀರ್ಘಾವಧಿ ತರಬೇತಿ / Long Term Course: _____ Sem / Year _____	
	i. ಅರ್ಜಿ ಶುಲ್ಕ / Application Fee <input type="checkbox"/>	
	ii. ಪ್ರವೇಶ ಶುಲ್ಕ / Admission Fee <input type="checkbox"/>	
	iii. ಸಂವಹನ ಕೌಶಲ್ಯ ಮತ್ತು ಸಾಫ್ಟ್ ಸ್ಕಿಲ್ ಶುಲ್ಕ / Comm. Skills & Soft Skills Fee <input type="checkbox"/>	
	iv. ನಿರ್ವಹಣಾ ಶುಲ್ಕ / Maintenance Charges <input type="checkbox"/>	
	v. ಬೋಧನಾ ಶುಲ್ಕ / Tuition Fee <input type="checkbox"/>	
	vi. ಭದ್ರತಾ ಠೇವಣಿ / Security Deposit <input type="checkbox"/>	
	vii. ಪರೀಕ್ಷಾ ಶುಲ್ಕ / Exam. Fee - Regular <input type="checkbox"/> / Suppl. <input type="checkbox"/> No. of Subject _____	
2.	ಅಲ್ಪಾವಧಿ ತರಬೇತಿ / Short Term Course: Informatics - II	Studenty
	i. ಅರ್ಜಿ ಶುಲ್ಕ / Application Fee <input checked="" type="checkbox"/>	1100/-
	ii. ತರಬೇತಿ ಶುಲ್ಕ / Course Fee <input checked="" type="checkbox"/>	33000/-
	iii. ಜಿ.ಎಸ್.ಟಿ. 18% / GST 18% <input checked="" type="checkbox"/>	5940/-
3.	ಇತರೆ / Others :	
	ಒಟ್ಟು ಮೊತ್ತ / Grand Total	40040/-

ನಗದು Cash ☐ / ಡ್ರಾಫ್ಟ್ DD ☒ / ಚೆಕ್ Cheque ☐ / ಆನ್‌ಲೈನ್ Online ☐ **202202/06/22** ಮೂಲಕ ಸೆಳೆದ
drawn on _____ (ಚೆಕ್/ಡ್ರಾಫ್ಟ್/ಡಬ್ಲ್ಯುಎಸ್‌ಎಲ್ ನಗರೀಕರಣಕ್ಕೆ ಒಳಪಟ್ಟಿರುತ್ತದೆ/Cheque/Drafts are subject to realization)

ರೂಪಾಯಿಗಳು (ಅಕ್ಷರಗಳಲ್ಲಿ) / Rupees (in words): **Forty thousand and forty**

Any

AS
ನಗದು ಗುರುತಿಸು / Cashier

To,
Dr. K S Sanmukharadhya,
H O D, MVIT
Bengaluru-57.

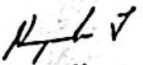
Date:-19-06-2023

Subject: -Completion of Training Certificate on NX-CAD at GTTC Bengaluru.

This is to certify that the following participants have undergone training from your Esteemed College on NX-CAD from 22nd May 2023 to 17th June 2023 at Government Tool Room Training And Centre, Bengaluru

S.no	Name
1	Mr.AKASH
2	Mr.Ranjith S R
3	Mr.Harshith Gowda S
4	Mr.Hemanth V
5	Mr.Madhu Sudhan Reddy S
6	Mr.Gaganeshwar.S
7	Mr.Ranjith H
8	Mr.Vikas B R
9	Mr.Pavan Kumar B
10	Mr.Balakrishna

All the above participants have successfully completed Internship.


Co-ordinator


Principal

“ಕನ್ನಡ ಕಾಯಕ ವರ್ಷ 2020-21”
ಭಾರತ ಸರ್ಕಾರದಿಂದ ಮಾನ್ಯತೆ ಪಡೆದ ವೈಜ್ಞಾನಿಕ ಮತ್ತು ಕೈಗಾರಿಕಾ ಸಂಶೋಧನಾ ಸಂಸ್ಥೆ
A Scientific & Industrial Research Organisation Recognised by Govt. of India
Rajajinagar Industrial Estate, Bengaluru-560010
Tel No. 080-23152118, 23152119, 23152262, 23301683
Website : www.gttc.co.in e-mail : md.gttc@gmail.com

SIEMENS
Ingenuity for life



• **DesignTech**
Technology for designing the future

Certificate of Completion

siemens.co.in

This is to certify that **HARSHITH GOWDA S**
bearing number **KA/BLR/4001/05-2023/0071** has successfully
completed Course

Essentials for NX Designers (40 Hrs)

Conducted at

Siemens Centre of Excellence, GTTC, Bengaluru

ಸರ್ಕಾರಿ ಉಪಕರಣಾಗಾರ ಮತ್ತು ತರಬೇತಿ ಕೇಂದ್ರ, ಬೆಂಗಳೂರು

from **22/05/2023** to **14/06/2023**

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

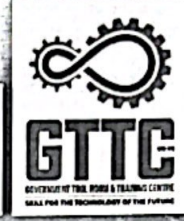
Authorized Signatory:

Government Tool Room & Training Centre

Authorized Signatory:

DesignTech Systems Limited

SIEMENS
Ingenuity for life



Certificate of Completion

siemens.co.in

This is to certify that **HARSHITH GOWDA S**
bearing number **KA/BLR/4001/05-2023/0071** has successfully
completed Course

Drafting Essentials (24 Hrs)

Conducted at

Siemens Centre of Excellence, GTTC, Bengaluru

ಸರ್ಕಾರಿ ಉಪಕರಣಾಗಾರ ಮತ್ತು ತರಬೇತಿ ಕೇಂದ್ರ, ಬೆಂಗಳೂರು

from **29/05/2023 to 15/06/2023**

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

Government Tool Room & Training Centre

Authorized Signatory:

DesignTech Systems Limited

SIEMENS
Ingenuity for Life



Certificate of Completion

siemens.co.in

This is to certify that **HARSHITH GOWDA S**
bearing number **KA/BLR/4001/05-2023/0071** has successfully
completed Course

Synchronous Modeling and Parametric Design (24 Hrs)

Conducted at

Siemens Centre of Excellence, GTTC, Bengaluru

ಸರ್ಕಾರಿ ಉಪಕರಣಾಗಾರ ಮತ್ತು ತರಬೇತಿ ಕೇಂದ್ರ, ಬೆಂಗಳೂರು

from **02/06/2023 to 14/06/2023**

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

Government Tool Room & Training Centre

Authorized Signatory:

DesignTech Systems Limited