



Dr. T. Senthil Siva Subramanian
Head
Institute Industry Interface Program
Sharda Group of Institutions
Mathura, Uttar Pradesh
India

Reference No.: 1482
Date of Issue: 7 June 2024

Letter of Assignment

The Asian Productivity Organization has the pleasure of inviting you as a resource person for the project below.

Title: Research on Technological Capability Enhancement Support for SMEs and Productivity Improvement
Project Code: 24-RC-13-GE-RES-A
Project Timing: 13 June 2024–31 December 2024
Modality: Online
Venue: Not Applicable

You are entitled to receive the following honorarium for your services to be paid after the completion of the project. The assignments and entitlements are attached. We would like to convey our sincere appreciation for your support and participation.

Item	Date	Unit	Rate	Amount
Lump-sum honorarium	13 Jun 2024–31 Dec 2024	1	4,000.00	4,000.00 USD
Total:				4,000.00 USD

Notes:

Assigned as a National Expert for India on the subject research project.

Attend the Kick-off Meeting and the Coordination Meetings:

1) Kick-off Meeting: 20 June 2024

2) Coordination Meetings: 19 and 20 September 2024

A handwritten signature in black ink, appearing to read "Indra Pradana Singawinata".

Dr. Indra Pradana Singawinata
Secretary-General

Assignments and Entitlements Research

Assignments

National Experts:

- a. Conducting preliminary research before the coordination meeting based on the research framework guidelines.
- b. Attending and presenting preliminary research findings at a virtual coordination meeting.
- c. Undertaking a national study including the collection and analyses of relevant data.
- d. Writing a complete country report on the findings and analyses.
- e. Submitting the final country report to the chief expert within the timeline.
- f. Working in close consultation with the chief expert and APO Secretariat.

Chief Expert:

- a. Developing a research framework containing the background, methodology, and guidelines for national experts in consultation with the APO Secretariat.
- b. Attending the virtual coordination meeting.
- c. Providing advice to national experts to ensure the consistency and quality of the work.
- d. Preparing the integrated analysis and overall conclusions of the research.
- e. Submitting the complete research report to the APO Secretariat by the deadline.
- f. Assisting the APO Secretariat in work relating to the publication of the research report.

Entitlements

You are entitled to receive an honorarium for your services as mentioned in the Letter of Assignment after the final acceptance of the edited report by the APO prior to its publication.



Dr. T. Senthil Siva Subramanian
Head
Institute Industry Interface Program
Sharda Group of Institutions
Mathura, Uttar Pradesh
India

Reference No.: 629
Date of Issue: 18 August 2023

Letter of Assignment

The Asian Productivity Organization has the pleasure of inviting you as a resource person for the project below.

Title: Research on Emerging Trends in APO Members
Project Code: 23-RC-24-GE-RES-A
Project Timing: 28 April 2023–31 December 2023
Modality: Online
Venue: APO Secretariat

You are entitled to receive the following honorarium for your services to be paid after the completion of the project. The assignments and entitlements are attached. We would like to convey our sincere appreciation for your support and participation.

Item	Date	Unit	Rate	Amount
Lump-sum honorarium	18 Aug. 2023–31 Dec. 2023	1	4,000.00	4,000.00 USD
Total:				4,000.00 USD

Notes:

Assigned as a National Expert for India on the subject research project.
Attend the Coordination Meeting on 13 and 14 September 2023.



Dr. Indra Pradana Singawinata
Secretary-General

Assignments and Entitlements Research

Assignments

National Experts:

- a. Conducting preliminary research before the coordination meeting based on the research framework guidelines.
- b. Attending and presenting preliminary research findings at a virtual coordination meeting.
- c. Undertaking a national study including the collection and analyses of relevant data.
- d. Writing a complete country report on the findings and analyses.
- e. Submitting the final country report to the chief expert within the timeline.
- f. Working in close consultation with the chief expert and APO Secretariat.

Chief Expert:

- a. Developing a research framework containing the background, methodology, and guidelines for national experts in consultation with the APO Secretariat.
- b. Attending the virtual coordination meeting.
- c. Providing advice to national experts to ensure the consistency and quality of the work.
- d. Preparing the integrated analysis and overall conclusions of the research.
- e. Submitting the complete research report to the APO Secretariat by the deadline.
- f. Assisting the APO Secretariat in work relating to the publication of the research report.

Entitlements

You are entitled to receive an honorarium for your services as mentioned in the Letter of Assignment after the final acceptance of the edited report by the APO prior to its publication.



Ref. No.: 18-RP-42-GE-DON-C-04-0317

13 March 2020

Mr. T. Senthil Siva Subramanian
Head
Institute Industry Interface
Sharda Group of Institutions
Delhi Mathura Highway NH2
Farah, Mathura 281122
India

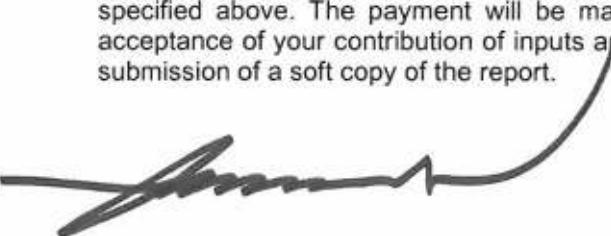
Letter of Assignment

I have the pleasure of assigning you as a resource person for the Research on Case Studies of Manufacturing Transformation Strategies for Industry 4.0 under the Center of Excellence on IT for Industry 4.0.

Your assignment consists of:

- 1) In-country research
 - 1.1) Collecting data following the methodology, framework, and timeline circulated by the APO;
 - 1.2) Writing a preliminary report on cases of successful business strategies for manufacturing transformation, with analyses and results based on the data collected and following the format and methodology guided by the chief expert;
 - 1.3) Submitting a country report to the chief expert to be integrated into the final research report by 15 June 2020; and
 - 1.4) Working in close consultation and maintaining communication with the chief expert and APO through email. Failure to provide updates or feedback as requested for three consecutive weeks may result in the discontinuation of your involvement in this research project.
- 2) Expert group meeting
 - 2.1) Attending the expert coordination meeting held in New Delhi, India 15–17 July 2020;
 - 2.2) Presenting the preliminary report during the coordination meeting;
 - 2.3) Discussing the challenges faced during in-country research implementation; and
 - 2.4) Contributing to discussions on finalizing the plan to complete the final integrated report.
- 3) Country report finalization
 - 3.1) Revising the report if necessary following agreement during the coordination meeting and reflecting the comments of the chief expert and APO;
 - 3.2) Submitting the final report in the agreed format to the chief expert and APO by the deadline agreed on during the coordination meeting; and
 - 3.3) Cooperating with the chief expert to ensure the quality and consistency of the final report.

By virtue of this assignment, you are entitled to a lump-sum honorarium of USD3,000.00 for the tasks specified above. The payment will be made upon successful completion of your assignment and acceptance of your contribution of inputs and report by the chief expert and APO Secretariat with the submission of a soft copy of the report.



Dr. AKP Mochtan
Secretary-General



OFFICE OF THE
CHIEF GENERAL MANAGER
ALTTC GHAZIABAD-201002



**M.K. SETH, ITS
Sanchar Ratna
Chief General Manager**

Phone (O) 0120-2728244
Fax: 2756985

No: CGM/ALTP/DO-Corr/2016-19
Dated: 18.01.2019

Dear Mr. Subramanian

It gives me great pleasure to write this letter of appreciation.

On behalf of Advanced Level Telecom Training Centre (ALTTC), Ghaziabad, please accept our sincere thanks for the excellent support provided by you and your organization for signing Memorandum of Understanding (MoU). Also accept my deepest appreciation for the excellent job you have done in bringing two leading organizations (ALTTC & Sharda Group of Institutions / Sharda University) on common platform through signing MoU. It was an enormous efforts an everything went smoothly and efficiently! Your continued efforts contributed substantially to the quality of the meeting which we have witnessed on Jan 5, 2019. This collaboration demonstrates our common desire to promote the training / internship / collaborative projects.

Thanks to your leadership and dedication combined with your teamwork and energy.

We believe this MoU would lead to productive results thereby benefitting the student fraternity. Thank you for your gracious hospitality and professionalism.

I hope that this would be the start of our continuous relationship and future success.

With best wishes,

Shri T.S.S.Subramanian
Sharda Group of Institutions

Yours sincerely,

(M.K. SETH)

ANDHRA UNIVERSITY
Centre for Intellectual Property Rights
Visakhapatnam – 530003, Andhra Pradesh, INDIA
(NAAC – Accredited “A++” Grade “ISO 9001 : 2015 Certified”)



Prof. H. PURUSHOTHAM
M.Tech., M.B.A., Ph.D.,
DPIIT – IPR Chair, Govt. of India

Office : +91-891-2844989
Mobile : +91-95992 29217
e-mail: iprchair@andhrauniversity.edu.in

18th Feb 2022

TO WHOMSOEVER IT MAY CONCERN

I am delighted to write letter of appreciation and recommendation for Dr. T. Senthil Siva Subramanian who is known to me since 2016 when I was serving as Chairman & Managing Director of National Research Development Corporation, An Enterprise of DSIR Ministry of Science & Technology Govt. of India.

Dr. Senthil has been an active researcher and a strong academician. He has organized several IPR Awareness and Technology Transfer workshops, Industry-Academia Partnership meets in association with NRDC. He has been involving in developing several innovations in interdisciplinary domains. He has filed Indian and Australian patents on his technological innovations especially on hydrogen that attracts national and global interest. He has registered few Industrial Design in fields, such as UAV, smart hand tools etc. This shows his curiosity and inventiveness in his field of research.

I have also been interacting with him professionally after I joined as DPIIT-IPR Chair Professor at Andhra University Visakhapatnam

During my long association with him I found Dr T. Senthil Siva Subramanian is very hard working, creative, maintains good relationships with his peers and a good organizer. He is very obedient, focused on his goals and possesses very good interpersonal skills. He will be an asset for the organization

I wish him a successful career.

(Prof.H.Purushotham)

To

Dr.T.Senthil Siva Subramanian
Head- Institute Industry Interface Program
Sharda Group of Institutions
[Hindustan College of Science & Technology], Mathura



Andhra Pradesh State Skill Development Corporation (APSSDC)

(Department of Skills Development & Training, Govt.of Andhra Pradesh)



Certificate of Appreciation

This certificate is awarded to Mr.**T. Senthil Siva Subramanian, M.Tech & PhD (IIT Delhi)**.... for his Meritorious service and in recognition for outstanding and remarkable contribution to Andhra Pradesh State Skill Development Corporation (APSSDC), Government of Andhra Pradesh, as an Expert Resource Person for conducting Online Training / Webinar on "Collaborative Robots [Cobots]: A Smart Manufacturing Tool for Indian MSMEs, Entrepreneurship and Innovation" scheduled from 30-06-2021 to 02-07-2021

Dr. D.V. Rama Koti Reddy

Executive Director,
APSSDC

Sri N. Bangaru Raju

MD & CEO,
APSSDC



ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION (APSSDC)

(Department of Skills Development and Training, Govt of Andhra Pradesh)



Certificate of Eminence

This Certificate is awarded to Dr. T.Senthil Siva Subramanian, PhD (IIT Delhi) for the diligent and unparalleled efforts in conducting the Online Faculty Development Program on "Digital Transformation of Manufacturing Industries". Andhra Pradesh State Skill Development Corporation, Government of Andhra Pradesh are exceedingly satisfied and appreciate the commitment and disciplined dedication as Expert Resource person for the Government of Andhra Pradesh skill mission program in facilitating Industry 4.0. APSSDC value your invaluable contributions in delivering the program from July 26 – 31, 2021.

SKILL AP


Dr. D.V. Rama Koti Reddy
Executive Director
APSSDC


Sri. Bangaru Raju,
Managing director MD,
APSSDC



विद्युत अभियांत्रिकी विभाग
DEPARTMENT OF ELECTRICAL ENGINEERING
भारतीय प्रौद्योगिकी संस्थान कानपुर
INDIAN INSTITUTE OF TECHNOLOGY KANPUR
कानपुर -208 016 (भारत)
KANPUR-208 016 (INDIA)

Phone : (0512) - 2597409
: 2597164
: 2597454
Fax : (0512) - 2590063
Webpage : <http://www.iitk.ac.in/ee>

April 28, 2011

TO WHOMSOEVER IT MAY CONCERN

Mr. T. Senthil Siva Subramanian, Assistant Professor, Department of Electrical & Electronics Engineering, Hindustan College of Science & Technology, Farah, Mathura has been involved in carrying out research work on project entitled **“Condition Based Monitoring of Air Compressors & Motors”** sponsored by Boeing Inc., USA in the Department of Electrical Engineering, Indian Institute of Technology Kanpur since August 2010.

(Dr. Nishchal K. Verma)
Project Investigator,
Department of Electrical Engineering
Indian Institute of Technology, Kanpur



केन्द्रीय पादुका प्रशिक्षण संस्थान

CENTRAL FOOTWEAR TRAINING INSTITUTE

भारत सरकार की सोसायटी

सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय

Government of India Society

Ministry of Micro, Small and Medium Enterprises



No. CFTI/Admn/3(1)/2020 / ५५१

Dated: 19-11-2020

TO WHOMSOEVER IT MAY CONCERN

Dr. T.Senthil Siva Subramanian, Head of Institute Industry Interface Division, Hindustan College of Science & Technology, Mathura has been associated with us for providing honorary advisory services in the area of Entrepreneurship Development programme.

Mr. Subramanian is highly qualified and having strong exposure both in Industry & Academia. I appreciate his commendable contribution to his field of work. He will be a valuable contributor for the sustainable growth of any organization.

(Sanatan Sahoo)
Director

To,

Dr. T.Senthil Siva Subramanian,
Hindustan College, Mathura.

Dr. T. Senthil Siva Subramanian
Head Institute Industry Interface program
Sharda Group of Institutions (Agra & Mathura)

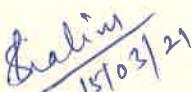
Dear Dr. Subramanian,

We are pleased to invite you and formally induct you with Capital Goods Skill Council as a member of "**Action Group**" under Industry 4.0 Committee.

We are delighted to onboard you on our panel as Subject Matter Expert for advocacy and various activities related to skilling under Industry 4.0 on behalf of CGSC.

Looking forward for your cooperation and guidance to build India a "ATMANIRBHAR BHARAT".

Thanking you



Shalini
15/03/21

(Shalini Singh)

COO-Capital Goods Skill Council

Capital Goods Skill Council

AWFIS, 1st Floor, L-29 Outer Circle, Connaught Place, New Delhi 110001
T +91 7838293838, E support@cgsc.in, W www.cgsc.in



सत्यमेव जयते



MSME-TECHNOLOGY DEVELOPMENT CENTRE, AGRA

एम०एस०एम०ई० - तकनीकी विकास केन्द्र, आगरा

Ministry of Micro, Small & Medium Enterprises

सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय

Government of India Organization

भारत सरकार की संस्था



प्रमाण पत्र

Certificate of Appreciation

This certificate is awarded

to

MR. T.SENTHIL SIVA SUBRAMANIAN

Asst.Prof. (Electronics & Instrumentation Engg.)
Hindustan College of Science & Technology, Mathura

*in recognition of his tireless efforts, valuable role, extraordinary
service and dedication in establishing Centre of Excellence
for Industrial Automation & Robotics at HCST in
collaboration with MSME-TDC (PPDC) under
Ministry of Micro Small Medium Enterprises, Agra*



DATE : July 22, 2016
PLACE : AGRA

No. PPDC/Trg./IHP/CoA/2016-17/2902

R.PANNEERSELVAM
PRINCIPAL DIRECTOR



07/06/2021

CSCA/SU/2021/01

To

Dr. T Senthil Siva Subramanian
Head Institute Industry Interface Program
Sharda Group of Institutions, Mathura

Sub: Letter of Association with CSC Academy

Dear Sir,

As you are aware, CSC Academy is a society established by CSC e-Governance Services India Limited which is a Special purpose vehicle under Ministry of Electronics & Information Technology, Govt. of India.

CSC academy is a not-for profit society under Societies Registration Act 1860 (Act 21 of 1860 with its registered office in Delhi. CSC academy is committed to teaching, delivering of specialized courses in entrepreneurship, rural education, industry focussed industry 4.0 training programs and communication skills. CSC Academy is delivering various Government of India sponsored skill and education programs. CSC academy fosters the capability and development of learners, especially the village level entrepreneur and other stakeholders of Common Service Centre. CSC academy was setup in 2017 that provides access to professional learning for learners of diverse background and educational needs.

CSC Academy is delighted to recognize your academic, research and entrepreneurship skills and expertise and Govt. of India initiatives in your institutions. CSC appreciates your knowledge and skills and keen to associate and avail your professional service to CSC Academy.

As you have developed expertise and hands-on skills in Industry 4.0, innovation and entrepreneurship, we are pleased to invite you and wish to seek your value-added services and support in the form of Trainer / Assessor / Subject Matter Expert in Industry 4.0, entrepreneurship and innovations and also carry out different assessments and case studies especially in the rural domain.

Your valuable services as mentioned above and also inducted as a member of Advisory board will add values to our educational ecosystem and thereby will facilitate to achieve the vision of **Digital India and Atmanirbhar Bharat**.

Warm regards

Thanking you
Yours sincerely

Rishikesh V Patankar
Chief Operating Officer
rishikesh@csc.gov.in, M- 9868019788

(A Not for Profit, Society registered under the Societies Registration Act 21 of 1860)

Reg Office: 3rd Floor, Electronics Niketan, Ministry of Electronics and Information Technology, 6-CGO Complex, Lodhi Road,

New Delhi – 110003. Tel: 011-24301349, Fax: 011-3048161

Date

TM
Plot No. 238,
Okhla Phase-3,
New Delhi-110020
CSCA/2021/07/01
Tel:011-24301349

July 22, 2021

To
Dr. T.Senthil Siva Subramanian
Head Institute Industry Interface Program
Sharda Group of Institutions Mathura

Sub: Letter of Appreciation & Recommendation

Greetings

I am writing to let you know how I can appreciate your best practices of academics combined with blend of research and engineering/scientific aptitude in your career.

You have been rigorously working for your academic and engineering and technology achievements with your research and entrepreneurial skills. I wish to compliment your commendable achievements in the domain of source to end digitization by adopting the best industrial practices.

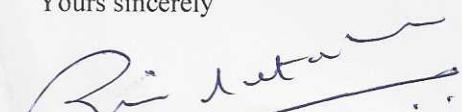
Your ability to work through unforeseen challenges and collaborate so well with the team efforts is impressive and shows exceptional critical thinking skills and a true, endless hour of service and dedication to the society and your organization. Your devotion to your assignment is inspiring other stakeholders of the ecosystems. You deserve high praise for the way you handled the national and regional importance of the panel discussion on Virtual Labs.

It gives me privilege and honour to recommend you on your future goals and vision / aspirations to be an academic leader.

warm regards.

Thanking you

Yours sincerely


Dr. Rishikesh Patankar

Chief Operating Officer

(A Not for Profit Society registered under the Societies Registration Act 21 of 1860)



सीएसआईआर-भारतीय रासायनिक प्रौद्योगिकी संस्थान
CSIR-Indian Institute of Chemical Technology

तारनाका/Tarnaka, हैदराबाद/Hyderabad - 500 007. भारत/INDIA



Dr. SUNKARA V. MANORAMA

Senior Principal Scientist

Inorganic and Physical Chemistry Division

डॉ. सुंकारा वी. मनोरमा

वर्षि प्रमुख वैज्ञानिक

अकार्बनिक व भौतिक रसायन प्रभाग

LETTER OF APPRECIATION

Dear Mr. Subramanian

It is my pleasure to write a few lines in appreciation of your contribution to our ongoing collaborative research activity. A simple enquiry from your side related to our research on chemical sensing started a string of correspondence and that led us to actually perform experiments based on your suggestions. Our expertise in gas sensors based on semiconducting oxides and your query on the optical constants resulted in actually correlating the two phenomena which we assumed were mutually exclusive. I sincerely acknowledge your contribution for the excellent research work you have suggested on gas sensing especially determination of optical constants of nanostructured $\text{SnO}_2:\text{Au}$ system. In fact the correlation was well appreciated and the work was presented at the **International conference on Nano-science & Nanotechnology-2015 at SRM University, Chennai, India** and subsequently included in the proceedings published by the organizers.

We look forward to your continuing collaboration in days to come.

Manorama
28.12.15

(Sunkara V. Manorama)

डॉ. सुंकारा वी. मनोरमा

Dr. SUNKARA V. MANORAMA

वर्षि प्रमुख वैज्ञानिक /Sr. Principal Scientist
Inorganic & Physical Chemistry Division

सीएसआईआर-भारतीय रासायनिक प्रौद्योगिकी संस्थान
CSIR-Indian Institute of Chemical Technology
तारनाका, हैदराबाद, भारत/Tarnaka, Hyderabad - 500 007. INDIA

Mr. T. Senthil Siva Subramanian (PhD scholar IIT Delhi)

Asst. Prof – Electronics & Instrumentation Engg

Hindustan College of Science & Technology

Farah, Mathura

हरि बाबू श्रीवास्तव

उत्कृष्ट वैज्ञानिक एवं
महानिदेशक (प्रौद्योगिकी प्रबंधन)

Hari Babu Srivastava

Outstanding Scientist &
Director General (TM)



रक्षा मंत्रालय

MINISTRY OF DEFENCE

रक्षा अनुसंधान तथा विकास संगठन

DEFENCE RESEARCH & DEVELOPMENT ORGANISATION



No. DGTM/01/10023/M/01

20 Dec 2021

Dear Dr. Senthil Siva Subramanian

I take this opportunity to appreciate your connect with me when I was in LASTEC, DRDO.

2. First of all, I must congratulate you for successful completion of your Doctoral Research from IIT Delhi. It's a commendable job to carryout research in emerging areas of immense potential in the future.

3. Your interactions have invited me to your institutions for the technical festival where you have established the Centre of Excellence for Internet of Things (IoT). The IoT is an industry 4.0 technology which is the need of the hour.

4. In summary, I must appreciate your outstanding zeal for research, academics and execution of disruptive technologies. May you prove to be a valuable asset for your organization.

5. I wish you all success in all your endeavors and future project.

With warm regards

Dr. Senthil Siva Subramanian
Head Institute Industry Interface
Sharda Group of Institutions
Mathura (UP)

Office of the Deputy Commissioner of Industries, Mathura

Ref no. 14722

/DIC/Mat/Misc/2021-22 Dated 31-3-21.

To Whom So Ever It May Concern

Letter of Appreciation

I'm pleased and delighted to mention about Head of the Institute Industry Interface Program, Dr. T. Senthil Siva Subramanian who was associated with District Industries Centre (DIC), Mathura.

Dr. Senthil was closely connected with DIC, Mathura for the purpose of interaction with Small and Medium Enterprises in Mathura with the academia. He has been regularly interacting with nearby industries and industry association of Mathura for arranging training and internship program for the students of Hindustan College of Science & Technology, Mathura

Dr. Senthil has been provided with list of Industries in Mathura by the DIC, Mathura to facilitate the industry partnership and collaboration with the institution.

DIC, Mathura appreciates his outstanding contributions for connecting the Academic and Industries especially connecting with DIC, Mathura.

Dr. Senthil used to visit DIC, Mathura and nearby industries during COVID-19 which is a commendable work.

DIC, Mathura acknowledges and recognize his meritorious services for connecting the Academia with Industry with the support of DIC, Mathura

I wish him good luck and DIC, Mathura are delighted to extend support and cooperation for Dr. Senthil in his various assignments.

RL
Dy. Commissioner of Industries
District Industries Promotion and
Industry Association Development Centre
District Industries Centre, Mathura
Government of Uttar Pradesh

दूरभाष/Phone: 011-23905222
फैक्स /Fax: 011-23919509



भारत सरकार, रक्षा मंत्रालय
GOVERNMENT OF INDIA, MINISTRY OF DEFENCE
रक्षा अनुसंधान एवं विकास संगठन
DEFENCE RESEARCH & DEVELOPMENT ORGANISATION
नाभिकीय औषधि तथा संबद्ध विज्ञान संस्थान
INSTITUTE OF NUCLEAR MEDICINE & ALLIED SCIENCES
ब्रिगेडियर एस. के. मजूमदार मार्ग, दिल्ली - 110054
BRIG. S.K. MAZUMDAR MARG, DELHI-110054
दिनांक/Date : 24 August 2021

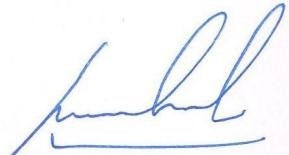
TO WHOMSOEVER IT MAY CONCERN

It gives me immense pleasure in writing this recommendation letter for Dr. T. Senthil Siva Subramanian. He has gained a rich and diverse academic and research experience during his Ph.D. research conducted at IIT Delhi. His PhD was on hydrogen gas sensing which is an area of immense importance in the field of green energy. Moreover, he has developed his expertise on various emerging technologies of Industry 4.0.

He had also taken various Government of India initiatives at his institution which has added national value and recognition to the community. He has been successfully synergizing various event which are of social relevance and benefit for the students and faculty members.

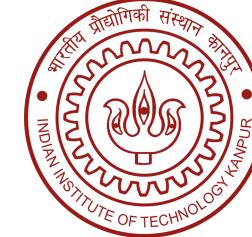
He has shown tremendous patience, self-commitment and discipline in his research work. I appreciate and recommend, his candidature especially in scientific research, industry 4.0 and other allied areas for any research institutions.

I wish him all the best in all his future endeavours.



(Dr. Sushil Chandra)
Scientist 'G' & Addl. Director
Head, Department of Biomedical Engg.

डॉ. सुशील चन्द्र/Dr. SUSHIL CHANDRA
वैज्ञानिक 'जी' एवं अपर निदेशक /Scientist 'G' & Addl. Director
विज्ञानाध्याय, और विकल्प अधिकारी/Head, Bio-Medical Engineering
नाभिकीय औषधि तथा संबद्ध विज्ञान संस्थान
Institute of Nuclear Medicine & Allied Sciences
रक्षा अनुसंधान एवं विकास संगठन, रक्षा मंत्रालय
Defence R&D Organisation, Ministry of Defence
वि. एस. के. मजूमदार मार्ग, तिमारपुर, दिल्ली-110054
Brig. S. K. Mazumdar Marg, Timarpur, Delhi-110054



TEQIP III

RECBANDA/eB01/M/20200008

Rajkiya Engineering College, Banda

APPRECIATION CERTIFICATE

THIS IS TO CERTIFY THAT

Dr. T. Senthil Siva Subramanian

M.Tech & Ph. D. (IIT Delhi)

Assistant Professor (Head Institute Industry Interface Program) from Hindustan College of Science and Technology, Mathura has contributed as a mentor towards development of virtual lab in e-BOOTATHON 01 sponsored by TEQIP-III in association with IIT Kanpur and Dr. A. P. J. Abdul Kalam Technical University Lucknow organised by Rajkiya Engineering College Banda between August 04 - 10, 2020.

DR. ASHUTOSH TIWARI

Convenor eBOOTATHON 01, REC Banda

PROF. S. P. SHUKLA

Director, REC Banda

To,

Dr. Senthil Siva Subramanian
Sharda Group of Institutions, Mathura

Dear Sir,

Energyly is a NASSCOM startup specialized in developing Intelligent Energy management solution through Internet of Things.

Energyly is pleased to appreciate your ideas, though process to implement Industry 4.0 Technologies at the Industry.

It's your initiative of Digital technologies especially Internet of Things (IoT) on Intelligent Energy Management to implement in one if Nisarg Foundation MSME cluster at Itarsi.

We acknowledge your enormous contribution to execute the digital transformation technology.

The tangible benefits will be energy savings, cost optimization, safety and security.

Also we must appreciate your initiative on Lean Six Sigma Management practices for reducing wastage, delays and enhance quality and productivity.

Your research led approach has added values to the organization and Industry.

We are delighted to partner with you.

Best Wishes

With Best Regards



VIDABEST ENERGY PRIVATE LIMITED
CHENNAI

VIDABEST ENERGY PRIVATE LIMITED

No. 6, 4th Street, Seva Nagar, Velachery, Chennai - 600 042. India



GSTIN : 09AJIPK1479J1ZS

Indian Agro Organics
MANUFACTURER & EXPORTER
ORGANIC FERTILIZERS & ALLIED PRODUCTS

📞 +91-562-2520611
📠 +91-9837903741, 8126446872
✉️ indianagroorganics@gmail.com

Ref. No. 046/IA/01/2021-22

Dated... 18/12/2021

LETTER OF RECOMMENDATION

INDIAN AGRO ORGANICS Authorized as “Gazette of India – Govt. of India” & I.S.O Certified is pleased to share the association and experience with the value added service rendered by Dr. T.Senthil Siva Subramanian, Head Institute Industry Interface Program of Sharda Group of Institutions.

Dr. Senthil who has been pioneering in provide affordable and cost effective solutions to our industry played a vital role in performing the various research studies on the Flower and Vegetable compost. He visited our plant and thoroughly involved in interaction with various process and product developments.

We appreciate his expertise and active discussion that lead to delivering quality values to our organization.

We are delighted to recommend his candidature for any organization that would be a great asset.

With Best wishes

For INDIAN AGRO ORGANICS



Auth. Signatory

OFFICE ADDRESS :
23/249, JEONI MANDI,
AGRA-282004 (U.P.)



FACTORY ADDRESS :

Unit I : Shri Mataji Gaushala Maan Mandir Seva Sansthan Trust, Barsana, Mathura-281405 (U.P.)
Unit II : Agra Nagar Nigam Dumping Site Kuberpur, Etmadpur, Agra-282006 (U.P.)
Unit III : Raj Nagar, Loha Mandi, Agra-282002 (U.P.)
Unit IV : Kanha Upvan, Parsakhera, Barielly- 243502 (U.P.)



iBuild

iBuild Innovations India Limited

CIN: U72900TG2014PLC094580

Dated: 23/5/2017

Letter of Appreciation

To
T.S.S.Subramanian
Asst. Prof – Electronics & Instrumentation
Hindustan College of Science & Technology
Mathura

Dear Sir

Greetings

With great pleasure we want to take this opportunity to thank you for bringing iB Hubs and Hindustan College of Science & Technology on board. I am writing to express my grateful thanks for your continued generous support, commitment and dedication for iB Hubs in the accomplishment of the upcoming project – Incubation Centre at your campus in the Uttar Pradesh State.

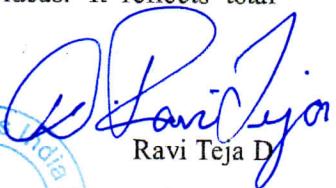
iB Hubs is a product of iBuild Innovations India Ltd. iB Hubs is a PAN India startup hub which provides **end-to-end assistance** to startups. With a **vision** to establish **2500** iB Hubs across the country, iB Hubs has already established **5 nodal** centers across the country.

iB Hubs is bringing together and working with key stakeholders such as mentors, investors, governments, academia, corporates, research organizations, think tanks etc. PAN India network of startup hubs iB Hubs had signed MoU with Uttar Pradesh Government, Jharkhand Government for promoting startup and entrepreneurial activities in the state. iB Hubs also has associations with noteworthy organizations like IIM Calcutta - Innovation Park, IIT Kharagpur, NALSAR University, NITK Surathkal, NIT Agartala, CCMB, IISc - CeNSE, GUSEC, IIIT Basara etc.

iB Hubs in establishing 60 Nodal Centres' of Incubation, through your initiative, perseverance and continued follow-ups, iB Hubs had chosen Hindustan College of Science & Technology, Mathura as a Nodal Centre in the state for Agra & Mathura Region. This project has National and Societal importance and relevance. The Incubation centre will promote startup and entrepreneurial activities along with the support from Uttar Pradesh Government. I realize that this is a substantial time commitment on your part for bringing the two institutions together. We thank for the generous assistance and support you have rendered for the upcoming project.

Not only did you respond generously with time to our request in signing MoU between iB Hubs and Hindustan College of Science and Technology but you followed up with ideas. It reflects total commitment.

Looking forward for your continued support and cooperation.



Ravi Teja D.
C.O.O, Uttar Pradesh
iB Hubs



Letter of Appreciation

It gives me immense pleasure to write about Dr. T.Senthil Siva Subramanian, who finished his PhD under my guidance this year. I have known him for the last 7 years when he was carrying out his PhD in my research laboratory and under my guidance. I have had the pleasure of working closely with him as research supervisor.

For the first time I met him, I was impressed with his ambition to pursue research along with his job at Mathura. As a researcher he worked on various plasmonic nanostructures for the detection of hydrogen gas sensing in the sponsored projects supported by Ministry of Human Resource Development (MHRD) and Defense Research and Development Organization, Ministry of Defense, Government of India. He presented novel approaches of gas sensing using novel plasmonic nanostructures in his doctoral research. The doctoral research was based on various interesting numerical simulations for optimizing the parameters for highly sensitive detection. He made remarkable contributions by proposing novel materials and nanostructures for hydrogen gas sensing, which turned out to be promising research solutions for plasmonic detection of hydrogen gas. His research has culminated in the form of research publications in international journals and conferences. His work in the field of plasmonic gas sensing lead to filing of an Indian patent for plasmonic hydrogen gas sensing by our team.

During his PhD work, he participated in several discussions and performed well on his research assignments. His perseverance and initiative made him complete his doctoral research from IIT Delhi, even though he was working in another institution.

Dr. Subramanian had been involved in various research activities at IIT Delhi prior to doctoral research in sponsored projects. He has versatile experience in teaching and learning. He also developed expertise in Industry 4.0 and Entrepreneurship/startups/incubation and innovations.

His ability to successfully complete his doctoral research along with his job and family responsibilities shows his drive to be successful researcher in the future. I recommend considering him for research and teaching assignments in academic or research institutions.

(Dr. Anuj Dhawan)

Associate Professor,
Department of Electrical Engineering
Indian Institute of Technology Delhi,
Hauz Khas, New Delhi 110016, India
Ph : +91-9810087814 (C); E-mail: adhawan@ee.iitd.ac.in

INDIAN INSTITUTE OF TECHNOLOGY DELHI

Department of Civil Engineering



TO WHOM IT MAY CONCERN

This is to appreciate Dr. T.Senthil Siva Subramanian who has been collaborating with our bamboo research group at IIT Delhi since September 2022 through Technology Consultant from Nisarg Agripreneurship Foundation, Bhopal.

From brief interaction with Dr. Senthil, who visited IIT Delhi in September 2022 and expressed interest in our modular rural house based on fibre reinforced bamboo composite (FRBC) technology, it is learnt that he has wide diversified expertise especially in the field of science, engineering & technology. He was an alumnus of IIT Delhi. I appreciate his thorough process and wonderful initiative for the bamboo connect.

It is also pleasing to learn that Dr Senthil is working for the vision of Aatmanirbhar Bharat, Vocal for Local and Digital India.

I wish him great success in all endeavours in his career journey.

Thank you very much,

15 Feb 2022

Dr. Suresh Bhalla
Professor