

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL

Department of ECE

CSIR Sponsored Two day National Level Workshop

on

Artificial Intelligence in Neurosciences: A clinician's Perspective  
17.12.19 and 18.12.19

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*S. Karthigai*

**Dr.S. KARTHIGAI LAKSHMI**

Professor & Head  
Department of ECE

SSM Institute of Engg & Tech  
Dindigul - 624 002

*D.D.*

**Dr. D. SENTHIL KUMARAN**  
ME., Ph.D.(NUS), MISTE, MISLCA, FIE,  
PRINCIPAL

SSM Institute of Engineering and Technology  
Dindigul - Palani Highway, Dindigul - 624 002



*D.D.*

**Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)**  
Principal

SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindalagundu (Po),  
Palani Road, Dindigul - 624 002.



## COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

Human Resource Development Group  
CSIR Complex, Library Avenue, Pusa, New Delhi 110 012  
Tel : 011 2584 1037  
Email: [gsu@csirhrdg.res.in](mailto:gsu@csirhrdg.res.in) web <http://csirhrdg.res.in>

Hemant Kulkarni  
Senior Principal Scientist

Ref No SYM/10355/19-HRD  
October 17, 2019

Dr S Karthigai Lakshmi  
Professor, Dept. of Electronics & Comm. Engg.  
SSM Institute of Engineering & Technology  
Dindigul Palani Highway, Dindigul-624 622 Tamil Nadu 9965263782

SUBJECT: **Two day National Level Workshop on Artificial Intelligence in Neurosciences: A Clinicians Perspective during Nov 21-22, 2019 at SSM Institute of Engineering & Technology, Dindigul**

Dear Dr Lakshmi


With reference to your application on the above subject, we are happy to inform you that Director General, CSIR has been pleased to sanction a grant of **Rs.15000/- (Rupees Fifteen Thousand Only)** subject to the following conditions:

1. The grant received from CSIR should be duly acknowledged by email along with a certificate that the grant would be specifically utilized for the purpose for which it has been sanctioned.
2. The grant may be reimbursed within four months from the date of Conference/Seminar/Workshop etc. is over by filling-in the Grant-in-Aid Bill Form in duplicate duly signed and rubber stamped by the concerned officials, indicating clearly the designation of the official along with Audited Statement of Expenditure for release of grant. Current Proforma for Grant-in-aid bill, Audited Statement of Expenditure and NEFT are available on our website URL <http://csirhrdg.res.in/Home/Index/1/InPage/53/14>, If any Utilization Certificates of Previous Grant for symposia (as per Col.No. 15 of the Application Performa) not submitted till date, please attach copies of Utilization Certificates also. Any claim received beyond 4 months will be entertained only in exceptional cases subject to submission of reasons for delay, duly forwarded through Head of the Organisation. In no case, the claim will be entertained after 6 months. All the pages of above documents should be self attested by the organizer.
3. Invitation cards should be sent to the Director General, CSIR and Head, HRDG. CSIR may nominate three scientists for the above event and registration fee should not be charged from them. In case of nomination, the Head, HRDG or the undersigned would issue a letter with a copy to the nominee(s).
4. Softcopy (preferably in CD/ DVD in PDF format) of the full paper proceedings of above event should be sent to the undersigned.
5. An overall activity report by the Convener / Organizing Secretary should be made available by email to us with regard to outcome of the gathering, the recommendations and plan of action for future. The names, addresses & email IDs of the participants / delegates should also be sent immediately after the event by email.

Yours sincerely,

(Hemant Kulkarni)

Copy to: Audit (EMR) HRDG

  
Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)  
Principal  
SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindalagundu (Po),  
Palani Road, Dindigul - 624 002.





### Important Dates

Last date for receipt of application : 13 / 12 / 2019  
Date of intimation to participants : 14 / 12 / 2019

### Registration Fee

UG / PG Students : Rs 200  
Faculty / Industry Persons : Rs 400

### Resource Persons

Lectures will be delivered by eminent faculty from reputed universities. Experts from medical field also will deliver lectures and conduct hands on practical sessions.

### Targeted Participants

Students and Faculty from Academic Institutions in the field of Electronics, Electrical, Computer science and Bio-science branches, Industry persons with relevant background, working professionals of hospitals and clinical laboratories are eligible for the programme.

### Address for Correspondence

Dr. S. Karthigai Lakshmi

Professor & Head, Department of ECE

SSM Institute of Engineering and Technology

Dindigul - 624002

[www.ssmiet.ac.in](http://www.ssmiet.ac.in)

E-mail : [hodecessmriet@gmail.com](mailto:hodecessmriet@gmail.com)

Phone : 9655662496, 9600385024

### Chief Patrons

Mr. P. S. Veluswamy, Chairman  
Mr. C. Kandaswamy, Secretary

### Patrons

Dr. R. Chandran, Campus Director  
Dr. D. Senthil Kumar, Principal

### Convenor

Dr. S. Karthigai Lakshmi, Prof & Head/ECE

### Co-ordinators

Mr. M. Premkumar, AP/ECE  
Mr. S. R. Ashokkumar, AP/ECE

### Organizing Committee

Dr. G Mohanbabu, AsP/ECE  
Dr. C. Sujatha, AsP/ECE  
Dr. K. Vinoth Kumar, AsP/ECE  
Mrs. A. Geetha, AP/ECE  
Mr. S. Jayakumar, AP/ECE  
Mr. V. Jeevanantham, AP/ECE



## **SSM Institute of Engineering and Technology**

Dindigul - 624002

Department of  
Electronics and Communication Engineering  
organizes

## **CSIR - Sponsored**



  
Dr. D. SENTHIL KUMARAN, M.E., Ph.D., (JNU)  
Principal  
SSM Institute of Engineering and Technology  
K. S. S. Road, Dindigul - 624002.

**Two day National Level Workshop**  
on

**Artificial Intelligence in Neurosciences:  
A Clinician's Perspective**

**17<sup>th</sup> and 18<sup>th</sup> December, 2019**



## A PROFILE OF SSMIET

SSM Institute of Engineering and Technology committed to generating, disseminating and inculcating knowledge to the youth. It is also determined to percolate such knowledge to the industry and society.

As a fast growing institute to achieve an excellence SSMIET Dindigul is an identity. SSM Institute of Engineering and Technology has been started with a view to impart quality education in Engineering and Technology. SSMIET offers six under graduate courses Automobile Engineering, Civil Engineering, Computer Science and Engineering, Electronics Engineering, Electrical and Electronics Engineering and Mechanical Engineering and two post graduate programs - Thermal Engineering and Communication Systems.

## DEPARTMENT OF ECE

The Department of Electronics and Communication Engineering (ECE) was established in the year 2011 with a vision to nurture students as global leaders in technical education. The department is well-equipped with the state-of-art laboratories and is recognized as a Research Centre by Anna University, Chennai, to offer PhD and MS (By Research).

The department has organized Anna University sponsored FDPs, National Level Workshops and National Conferences. The Department also offers Master degree Program in ME - Communication Systems.

## ABOUT THE WORKSHOP

The main goal of Artificial intelligence in healthcare is to extract clinically relevant information or knowledge from medical images. The workshop will provide brief insights of techniques for different Neuroscience modalities. The researchers are growing towards developing the knowledge and ability in addressing the health care needs using AI applications. The research scholars and the faculty of academic and research institutions are benefitted through this workshop by getting ideas to solve the latest research issues and happenings relevant to Neurosciences.

## TOPICS TO BE COVERED

- Artificial Intelligence Techniques
- Investigating the Neural Basis of Human Cognition
- Computational intelligent techniques for modelling Neurons and the Action Potential
- Machine learning models - Adaptive Neuro fuzzy inference system
- Artificial Brains and Neural Networks
- Theoretical and practical issues of machine learning in clinical neuroscience

## CSIR - Sponsored

Two day National Level Workshop on  
**Artificial Intelligence in Neurosciences:  
A Clinician's Perspective**

## Registration Form

Name : \_\_\_\_\_  
Designation : \_\_\_\_\_  
Department : \_\_\_\_\_  
Institution : \_\_\_\_\_  
Qualification : \_\_\_\_\_  
(If student, mention Year & Branch)  
Address for communication : \_\_\_\_\_  
Mobile No. : \_\_\_\_\_  
E-mail ID : \_\_\_\_\_

**Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (WUS)**  
Principal

SSM Institute of Engineering and Technology  
Kuttathupatti Village Sindalainadu (Po),  
Palani Road, Dindigul - 624 002.

Accommodation needed : Yes/No  
(On prior request, Accommodation will be arranged at nominal cost inside the campus)

I declare that the details furnished above are true to the best of my knowledge and belief.

Date : \_\_\_\_\_  
Place : \_\_\_\_\_  
Signature with Seal  
(Head of the Institution/HoD)

Signature of the Participant





# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY



Dindigul - Palani Highway, Dindigul 624 002

(Accredited by NAAC)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

cordially invite you for the Inaugural Ceremony of

CSIR Sponsored

Two day National Level Workshop on

**Artificial Intelligence in Neurosciences:**

**A Clinician's Perspective**

**17<sup>th</sup> & 18<sup>th</sup> December, 2019**

## Chief Guest

**Dr. S. Meenakshi Sundaram** MBBS., MD., DM  
Apollo Hospital,  
Madurai

**Dr. M. Ramachandran,** MBBS., DTCD  
Deputy Director of Medical Services(TB),  
Dindigul

## Guest of Honor

**Shri. P. S. Veluswamy**  
Chairman SSM Group

**Shri. C. Kandaswamy**  
Secretary, SSM Group

**Shri. K. Shanmugavel & Shri. K. Sivaraj**  
Executive Directors, SSM Group

**Dr. R. Chandran,**  
Campus Director

**Dr. D. Senthil Kumaran,**  
Principal

**Dr. S. Karthigai Lakshmi**  
HoD/ECE

**Venue : Seminar Hall 3**  
**Date : 17<sup>th</sup> December, 2019**  
**Time : 10:30 a.m.**



**Dr. D. Senthil Kumaran, M.E., Ph.D., (RUS)**  
Principal  
SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindalagundu (Po),  
Palani Road, Dindigul - 624 002.



**SSM Institute of Engineering and Technology**

Dindigul - Palani Highway, Dindigul - 624002

(Accredited by NAAC)



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**CSIR Sponsored**

Two day National Level Workshop on

**ARTIFICIAL INTELLIGENCE IN NEUROSCIENCES:  
A CLINICIAN'S PERSPECTIVE**

**17<sup>TH</sup> & 18<sup>TH</sup> DECEMBER, 2019**

*Chief Guest*

**Dr. S. Meenakshi Sundaram, MTBS., MD(General Medicine), DDM(Neurology)**

Apollo Hospital, Madurai

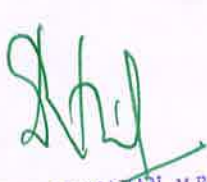
**Dr. M. Ramachandran, MBBS., DTCD**

Deputy Director of Medical Services(TB), Dindigul

Venue : Seminar Hall 3

*All are Cordially Invited*

5

  
**Dr. D. SENTHIL KUMARAN, M.E., Ph.D., (NUS)**  
Principal  
SSM Institute of Engineering and Technology  
Kuttathupattu Village, Sindalagundu (Po),  
Palani Road, Dindigul - 624 002.







# SSM Institute of Engineering and Technology Dindigul - 624 002

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Dr.D.Senthil Kumaran, B.E.,M.E.,Ph.D  
Principal

SSMIET/144/2019

11.12.19

To

Dr Meenakshi Sundaram S,  
MBBS, MD(General Medicine), DM(Neurology)  
Apollo Speciality Hospitals ,  
Madurai.

Dear Sir,

Sub: Invitation for being Resource Person – CSIR sponsored Seminar-reg.

We thank you for readily accepting and giving your willingness to act as Resource Person for the **Two days National Level Workshop on Artificial Intelligence in Neurosciences: A Clinician's Perspective** organized by Department of Electronics and Communication Engineering, SSM Institute of Engineering and Technology, Dindigul and sponsored by Council of Scientific & Industrial Research (CSIR).

This program is scheduled on 17.12.19 and 18.12.19. As per your willingness, we cordially invite you to be the resource person for the above seminar on 17<sup>th</sup> Dec 2019.

Thanking you.

Yours truly,

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)  
Principal

SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindalagundu (Po),  
Palani Road, Dindigul - 624 002.

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)  
Principal

SSM Institute of Engineering and Technology  
Kuttathupatti Village Sindalagundu (Po),  
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Dindigul - Palani Highway, Dindigul - 624 002.

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# SSM Institute of Engineering and Technology Dindigul - 624 002

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Dr.D.Senthil Kumaran, B.E.,M.E.,Ph.D  
Principal

SSMIE/T/145/2019

11.12.19

To

Dr. E.S.Gopi

Associate professor,

Department of Electronics and Communication Engineering,  
National Institute of Technology Tiruchirappalli -620015

Dear Sir,

Sub: Invitation for being Resource Person - CSIR sponsored Seminar-reg.

We thank you for readily accepting and giving your willingness to act as Resource Person for the Two days National Level Workshop on Artificial Intelligence in Neurosciences: A Clinician's Perspective organized by Department of Electronics and Communication Engineering, SSM Institute of Engineering and Technology, Dindigul and sponsored by Council of Scientific & Industrial Research (CSIR).

This program is scheduled on 17.12.19 and 18.12.19. As per your willingness, we cordially invite you to be the resource person for the above seminar on 18<sup>th</sup> Dec 2019.

Thanking you.

Yours truly,

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (MUS)  
Principal

SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindalagundu (Po),  
Palani Road, Dindigul - 624 002.

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**Dr.D.Senthil Kumaran, B.E.,M.E.,Ph.D**  
Principal

SSMIET/146/2019.

11.12.19

To  
Dr.T. Jayasankar ,  
Assistant Professor (Sr.Gr) ,  
Department of ECE ,  
University College of Engineering, BIT Campus,  
Anna University,  
Tiruchirappalli.

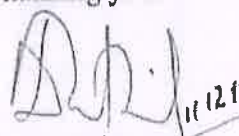
Dear Sir,


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This program is scheduled on 17.12.19 and 18.12.19. As per your willingness, we cordially invite you to be the resource person for the above seminar on 18<sup>th</sup> Dec 2019.

Thanking you.

  
Yours truly,  
**Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (MUS)**  
Principal  
SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindalagundu (Po),  
Palani Road, Dindigul - 624 002.

  
**Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (MUS)**  
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**Dindigul - 624 002**

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**Dr.D.Senthil Kumaran, B.E.,M.E.,Ph.D**  
Principal

SSMIET/147/2019

11.12.19

To

Dr.M.Ramachandran, MBBS.,DTCD,  
Deputy Director of Medical Services(TB).  
Dindigul District.

Dear Sir,

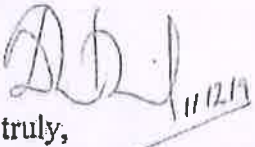
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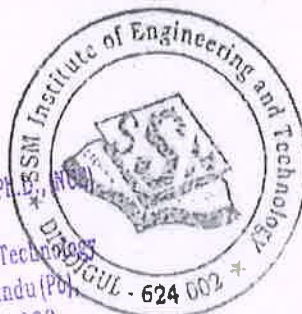
This program is scheduled on 17.12.19 and 18.12.19. As per your willingness, we cordially invite you to be the resource person for the above seminar on 17<sup>th</sup> Dec 2019.

Thanking you.

Yours truly,

  
**Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUO)**  
Principal  
SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindalagundu (Po),  
Palani Road, Dindigul - 624 002.

  
**Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUO)**  
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# SSM Institute of Engineering and Technology

Dindigul-Palani Highway, Dindigul - 624002

(Accredited by NAAC)

Ph: 0451-2448800

Website: [www.ssmiet.ac.in](http://www.ssmiet.ac.in)

## Department of Electronics and Communication Engineering

# CERTIFICATE OF PARTICIPATION



This is to Certify that Dr./ Mr. /Ms.

has

participated in the CSIR- Sponsored Two day National Level Workshop on "Artificial Intelligence in Neurosciences: A Clinician's Perspective" on 17/12/2019 and 18/12/2019 at SSMIET, Dindigul

Co-ordinators

Mr. M. Premkumar

Mr. S. R. Ashokkumar

Head of Department

Dr. S. Karthigai Lakshmi

Principal

Dr. D. Senthil Kumaran

Dr. D. Senthil Kumaran, M.E., Ph.D., (NUS)  
Principal  
SSM Institute of Engineering and Technology  
Kumaraghatti Village, Sindalagundu (Po),  
Palani Road, Dindigul - 624002

CSIR sponsored Two day National Level Workshop  
on  
**Artificial Intelligence in Neurosciences: A clinician's Perspective**  
17.12.19 and 18.12.19

**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
Department of ECE

PROGRAM SCHEDULE

**DAY 1: 17<sup>th</sup> December, 2019**

**Venue: Seminar hall 3**

| Time                 | Name of the Speaker   | Topic to be Covered  |
|----------------------|---|--|
| 9.00 am to 9.30 am   | <b>Registration</b>   |  |
| 9.30 am to 10.30 am  | <b>Dr.S.Meenakshi Sundaram,</b><br>MBBS, MD(General Medicine),<br>DM(Neurology)<br>Apollo Hospital<br>Madurai | Inauguration   |
| 10.30 am to 11.00 am | <b>Break</b>  |  |
| 11.00 am to 01.00 pm | <b>Dr.S.Meenakshi Sundaram,</b><br>MBBS, MD(General Medicine),<br>DM(Neurology)<br>Apollo Hospital<br>Madurai | Artificial Intelligence Techniques<br>Investigating the Neural Basis of<br>Human Cognition |
| 1.00 pm to 2.00 pm   | <b>Lunch Break</b>  |  |
| 02.00 pm to 03.00 pm | <b>Dr.M.Ramachandran, MBBS.,DTCD,</b><br>Deputy Director of Medical Services(TB),<br>Dindigul District        | The Developing Nervous<br>System   |
| 3.00 pm to 3.30 pm   | <b>Break</b>  |  |
| 3.30 pm to 4.30 pm   | <b>Dr.M.Ramachandran, MBBS.,DTCD,</b><br>Deputy Director of Medical Services(TB),<br>Dindigul District        | Artificial Brains and Neural<br>Networks   |



*(Handwritten Signature)*

**Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)**  
Principal  
SSM Institute of Engineering and Technology  
Kuttrahupatti Village, Sindalagundu (Po),  
Patam Road, Dindigul - 624 002.



CSIR sponsored Two day National Level Workshop  
on  
**Artificial Intelligence in Neurosciences: A clinician's Perspective**  
17.12.19 and 18.12.19


**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
Department of ECE

**DAY 2: 18<sup>th</sup> December, 2019** PROGRAM SCHEDULE

**Venue: Seminar hall 3**

| Time                 | Name of the Speaker  | Topic to be Covered   |
|----------------------|--|---|
| 10.00 am to 11.00 am | <b>Dr. E.S.Gopi</b><br>Associate professor,<br>Department of Electronics and<br>Communication Engineering,<br>National Institute of Technology<br>Tiruchirappalli      | Computational intelligent<br>techniques for modeling<br>Neurons and the Action<br>Potential |
| 11.00 am to 11.30 am | <b>Break</b>   |   |
| 11.30 am to 01.00 pm | <b>Dr. E.S.Gopi</b><br>Associate professor,<br>Department of Electronics and<br>Communication Engineering,<br>National Institute of Technology<br>Tiruchirappalli      | Machine learning models<br>Adaptive Neuro fuzzy inference<br>system                         |
| 01.00 pm to 2.00 pm  | <b>Lunch Break</b>   |   |
| 02.00 pm to 03.00 pm | <b>Dr.T.Jayasankar ,</b><br>Assistant Professor (Sr.Gr),<br>Department of ECE University College of<br>Engineering BIT Campus,<br>Anna University,<br>Tiruchirappalli. | Investigation on EEG signals<br>using Wavelet Transform and<br>Support Vector Machines      |
| 3.00 pm to 3.30 pm   | <b>Break</b>   |   |
| 3.30 pm to 4.30 pm   | <b>Dr.T.Jayasankar ,</b><br>Assistant Professor (Sr.Gr),<br>Department of ECE University College of<br>Engineering BIT Campus,<br>Anna University,<br>Tiruchirappalli. | Theoretical and practical issues of<br>machine learning in clinical<br>neuroscience         |
| 4.30 pm to 5.00 pm   | <b>Valedictory Function</b>  |   |



  
**Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)**  
Principal  
SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindalagundu (Po),  
Palani Road, Dindigul - 624 002

From  
S.R. Ashokkumar  
Assistant Professor / I.C.E.,  
SSMIEET,  
Dindigul-2.

19-12-2019

To  
The Principal,  
SSMIEET,  
Dindigul-2.

Respected Sir,

Sub: Registration Fees details- CSIR Sponsored Workshop - Reg

I would like to bring to your kind notice that "CSIR Sponsored Two days National Level Workshop on Artificial Intelligence in Neuroscience: A Clinician's Perspective" was organized on 17-12-2019 & 18-12-2019. In this regard, registration fees of Rs 9300/- were collected from other college participants as given below.

| S.No         | Participants Details                               | No of Students            | Amount    |
|--------------|--|---------------------------|-----------|
| 1            | Arulmigu palaniandayar college of arts and science | 29 (Rs 100/-) per student | Rs 2900   |
| 2            | Other College Student participants                 | 24 (Rs 200/-) per student | Rs 4800   |
| 3            | Other College faculty participants                 | 4 (Rs 400/-) per Faculty  | Rs 1600   |
| Total Amount |  |                           | Rs 9300/- |

Thanking You

Yours truthfully

S.R. Ashokkumar  
19/12



Dr.D.SENTHIL KUMARAN, M.B., Ph.D., (NUS)  
Principal  
SSM Institute of Engineering and Technology  
Ettathupatti Village, Sindalagundu (Po),  
Palani Road, Dindigul - 624 002.





13/12/19

Annexure 3  
**Form-CSIR/SYM/19/GA**

**COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH  
HUMAN RESOURCE DEVELOPMENT GROUP  
CSIR COMPLEX, OPP INSTITUTE OF HOTEL MANAGEMENT  
LIBRARY AVENUE, PUSA, NEW DELHI- 110012, INDIA**

**Symposia Grant Scheme for Organising Scientific Events (Symposia/  
Seminars / Conferences/ workshops, etc. within India**

**GRANT-IN-AID BILL**

(To be filled by the Applicant and submitted in duplicate)

Date: 23-12-2019

To: **Head, HRD Group, CSIR Complex, Pusa, New Delhi-110012**  
Reference **CSIR Sanction No: SYM/10355/19-HRD**

1. Name of the Organisation under whose auspices the Scientific Event was organized: SSM Institute of Engineering and Technology, Dindigul
2. Title/Name of the Scientific Event : Two day National Level Workshop on Artificial Intelligence in Neurosciences: A clinician's Perspective,
3. Venue of the Event (Address) Seminar hall I, SSM Institute of Engineering and Technology, Dindigul
4. Period:


| From |       |      | To   |       |      |
|------|-------|------|------|-------|------|
| Date | Month | Year | Date | Month | Year |
| 19   | 12    | 2019 | 20   | 12    | 2019 |
5. Brief report (highlights) of the Scientific Event (Less than 1000 words- Attach separate sheet)
6. (a) Grant Sanctioned: Rs.15,000 (Rupees -Fifteen Thousand Only)  
(b) Total Actual Expenditure: Rs. 50,600 (Rupees Fifty Thousand Six Hundred Only )  
(c) Actual expenditure as per Attached Audited Statement of Expenditure for claim from CSIR: Rs.15,000 (Rupees -Fifteen Thousand Only)

7. Pl tick mark (✓) the name of the authority to whom the NEFT payment is to be made:

| S.No. | Authority   | Mark ✓ |
|-------|---|--------|
| i.    | Director  |        |
| ii.   | Registrar   |        |
| iii.  | Dean  |        |
| iv.   | Finance Officer   |        |
| v.    | Medical Superintendent  |        |
| vi.   | Principal   |        |
| vii.  | Any Other Authority designated by your Organization/Institute<br>(Kindly specify _____) | ✓      |

Note :Grant will be released in the account of Society/Institution/Organization etc only



  
**Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)**  
Principal

SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindalagundu (Po),  
Palani Road, Dindigul - 624 002

Certified that the amount claimed in this bill was utilized for the purpose for which it has been sanctioned, and the Audited Statement of Expenditure is enclosed as per requirement.

**Organizer:**

Signature S. Karthigai  
Name : Dr.S.Karthigai Lakshmi  
Designation: professor & Head/ECE  
Address: Dindigul-palani Highways  
City Dindigul State Tamilnadu Pin 624002  
Mob No. 9965263782  
Email ID karthigailakshmi76@gmail.com  
Seal / Stamp

**Dr.S. KARTHIGAI LAKSHMI**  
Professor & Head  
Department of ECE  
SSM Institute of Engg & Tech  
Dindigul - 624 002

**Head of the Organisation (Place of Event)**

Signature Dr.D.SenthilKumaran  
Name : Dr.D.SenthilKumaran  
Designation: Principal  
Address: Dindigul-Palani Highways  
City Dindigul State Tamilnadu Pin 624002  
Mob No. 7373707003  
Email ID principalssmiet@gmail.com  
Seal / Stamp

**Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)**  
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SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindalagundu (Po),  
Palani Road, Dindigul - 624 002.

**TO BE FILLED BY CSIR-EMR**

Budget Head- EMR(Misc.) P81-104

It is certified that no AC /UC is pending from the Organization/institute in connection with earlier such grants released to them.

Pay: Rs: \_\_\_\_\_ (Rupees \_\_\_\_\_)  
Name of the authority to whom the NEFT payment is to be made: Director/Registrar/  
Dean/Medical Superintendent/ Principal/Finance Officer / \_\_\_\_\_  
as per NEFT format enclosed.

Deputy/Under Secretary /DDO

**TO BE FILLED BY CSIR-Audit (EMR III)**

MBR No. \_\_\_\_\_ Dated: \_\_\_\_\_ Pay Rs. \_\_\_\_\_ (Rupees: \_\_\_\_\_)

Dealing Assistant

SO (F&A)/F&AO/DyFA

Rs \_\_\_\_\_ paid vide Cheque No \_\_\_\_\_ Dated \_\_\_\_\_ through NEFT/RTGS



Dr.D.

**Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)**  
Principal

SSM Institute of Engineering and Technology  
Kuttathupatti Village Sindalagundu (Po),  
Palani Road, Dindigul - 624 002.





COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH  
HUMAN RESOURCE DEVELOPMENT GROUP  
CSIR COMPLEX, OPP INSTITUTE OF HOTEL MANAGEMENT  
LIBRARY AVENUE, PUSA, NEW DELHI- 110012, INDIA

**Symposia Grant Scheme for Organising Scientific Events (Symposia/  
Seminars / Conferences/ workshops, etc. within India)**

**AUDITED STATEMENT OF EXPENDITURE** To be filled by the applicant in duplicate

Date: 23-12-2019

Reference: CSIR Sanction No: SYM/10355/19-HRD

1. Name of the Society / Organisation under whose auspices the Event was organized:

SSM Institute of Engineering and technology, Dindigul

2 Title/Name of the Event: Two day National Level Workshop on Artificial Intelligence in  
Neurosciences: A clinician's Perspective.

3. Period:

| From |       |      | To   |       |      |
|------|-------|------|------|-------|------|
| Date | Month | Year | Date | Month | Year |
| 19   | 12    | 2019 | 20   | 12    | 2019 |

4. Grant Sanctioned: Rs. 15,000 (Rupees - Fifteen Thousand Only)

5. Certified that out of Total Expenditure of Rs. 50,600 (Rupees Fifty Thousand only)

CSIR Grant of Rs. 15,000 (Rupees - Fifteen Thousand Only) has been utilized as per the details given below:

| S. No. | Budget Head   | Amount (Rs)  |
|--------|---|--------------|
| i      | Travel expenses for<br>a. Senior scientists:<br>b. Young Scientists :     | 5000         |
| ii     | Registration Fee Waiver<br>a. Senior scientists:<br>b. Young Scientists : | 1000         |
| iii    | Promotion (web site, brochures, others)                                   | 1000         |
| iv     | Secretarial assistance  | 1000         |
| v      | Local Hospitality   | 4000         |
| vi     | Venue Charges   | 3000         |
|        | <b>TOTAL</b>  | <b>15000</b> |

Certified by: (PL ENSURE ALL SIGNATURES ARE ON THIS PAGE ONLY)

Organizer:

Signature S. Karthigai

Name : Dr.S.Karthigai Lakshmi

Designation: Professor & Head

Mob No. 9965263782

Email ID: karthigailakshmi76@gmail.com

Seal / Stamp

**Dr.S. KARTHIGAI LAKS.**

Professor & Head

Department of ECE

SSM Institute of Engg & Tech

Dindigul - 624 002

Finance Officer/

Chartered Accountant

**For R. GOVINDAN & CO**

**Chartered Accountants**

Name FRN: 007014S

Mob. No

RAJASUBRAMANIAN B.Sc., F.C.A.,

Seal FRN: 007014S



Head of Organisation

Signature Dr.D.SenthilKumaran

Name Dr.D.SenthilKumaran

Designation Principal

Mob No. 7373707003

Email ID: principalssmiet@gmail.com

Seal / Stamp

**Dr.D.SENTHIL KUMARAN**

Principal

SSM Institute of Engineering and Technology

Kuttathupatti Village, Sindalagundu (Po),

Palani Road, Dindigul - 624 002



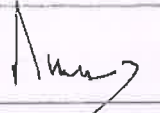



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SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindalagundu (Po),  
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**Annexure 5**  
**Form-CSIR/SYM/19/NEFT**

**NATIONAL ELECTRONIC FUND TRANSFER (NEFT) FORMAT**

|    |   |   |   |           |
|----|---|---|---|-----------|
| 1  | Account Holders Name/Name of the Beneficiary                                      | SSM Institute of Engineering and Technology |   |           |
| 2  | Bank Account Number   | 911010054508934                             |   |           |
| 3  | Name of the Bank  | AXIS BANK LTD                               |   |           |
| 4  | Branch Address  | Axis Bank, Salai Road, Dindigul             |   |           |
| 5  | Branch Code   | 0352  |   |           |
| 6  | Account type/Nature of Account (Pl tick <input checked="" type="checkbox"/> mark) | Saving                                      | Current <input checked="" type="checkbox"/> | Overdraft |
| 7  | IFSC Code of the Bank   | UTIB0000352                                 |   |           |
| 8  | MICR Number   | 625211004                                   |   |           |
| 9  | Mobile No. of the Candidate   | 9842157332                                  |   |           |
| 10 | Email id of the Candidate   | ssmietdgl@gmail.com                         |   |           |

|   |  |
|---|--|
| <p></p> <p>Signature of the Head of the Institute/Director/Registrar/Dean/principal/Administrative Officer/Finance Officer</p> <p>Name: <u>Mr. P. S. Veluswamy</u></p> <p>Date: <u>06-01-2020</u></p> <p>Seal  <b>P. S. Veluswamy</b><br/>Chairman &amp; Managing Trustee,<br/>SSM Institute of Engineering and Technology,<br/>Kuttathupatti, Sindalagundu Post,<br/>Dindigul Telex / District - 624 002.</p> | <p></p> <p>Certified by (Bank)</p> <p>Signature of the Bank Official</p> <p>Name: <u>APUN. J</u></p> <p>Date: <u>7/1/2020</u></p> <p>Seal  <b>AXIS BANK LTD.</b><br/>DINDIGUL BRANCH-352<br/>NO.9, SPENCER'S COMPOUND<br/>SALAI ROAD<br/>DINDIGUL - 624 003.<br/>PH 0451 2424344 / 45</p> |
|---|--|

**TO BE FILLED BY CSIR**

**Narration: CSIR SYM**

**(To be used by Bank while transferring the Payment/Grant)**



**Dr. D. SENTHIL KUMARAN, M.E., Ph.D., (NUS)**  
Principal  
SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindalagundu (Po),  
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Deputy/Under Secretary/DDO