



**Metric No. 6.4.2**

**FUNDS / GRANTS RECEIVED FROM NON-GOVERNMENT BODIES, INDIVIDUALS,  
PHILANTHROPHERS DURING THE LAST FIVE YEARS**

| Year         | 2019 -2020 | 2018-2019 | 2017 -2018 | 2016-2017 | 2015-2016 |
|--------------|------------|-----------|------------|-----------|-----------|
| INR in Lakhs | 0.9        | 0         | 0.1        | 0.3       | 0         |



**CRITERIA NO :6**

**Governance, Leadership and Management**

**METRIC NO. 6.4.2**

**FUNDS / GRANTS RECEIVED FROM NON-GOVERNMENT BODIES,  
INDIVIDUALS, PHILANTHROBERS DURING THE LAST FIVE YEARS**

**INDEX SHEET**

| <b>Exhibit No:</b> | <b>Document Name</b>   | <b>Page No.</b> |
|--------------------|--|-----------------|
| <b>6.4.2 - A</b>   | One day seminar on "Impact of Computaional Intelligence in Wireless Sensor Networks"             | <b>2</b>        |
| <b>6.4.2 - B</b>   | All india seminar on " Evolving trends in structural monitoring rehabilitation"                  | <b>3</b>        |
| <b>6.4.2 - C</b>   | All india seminar on " The role of geospatial technology for precision agriculture"              | <b>6</b>        |
| <b>6.4.2 - D</b>   | One day seminar on "Smart manufacturing using IoT  | <b>9</b>        |
| <b>6.4.2 - E</b>   | Solar Operated Smart Oil Skimmer With Water Quality Monitoring using PLC                         | <b>12</b>       |
| <b>6.4.2 - F</b>   | Solar Operated PLC Automated Irrigation System with Fault Preventer                              | <b>22</b>       |
| <b>6.4.2 - G</b>   | Automatic Irrigation System using PLC with Fault Preventor                                       | <b>39</b>       |
| <b>6.4.2 - H</b>   | Proficient system for effective production agriculture era using sensors and wireless technology | <b>44</b>       |

# **One day seminar on "Impact of Computational Intelligence in Wireless Sensor Networks"**



# The Institution of Engineers (India)

(Established 1920, Incorporated by Royal Charter 1935)

**COIMBATORE LOCAL CENTRE**

**PSG Tech Campus, Peelamedu, Coimbatore - 641 004**



**Dr P R Natarajan FIE**  
Chairman

**Dr H Rammohan MIE**  
Honorary Secretary

Phone : 0422 - 2580733

E-mail : ieicoimbatore@gmail.com

*"100 Years of Relentless Journey towards  
Engineering Advancement for Nation-building"*

Ref: CLC/Centenary Year Activity-O/S/2020/1

Date: 21<sup>st</sup> January 2020

To  
(IM000623-5)  
The Principal  
Akshaya College of Engineering and Technology  
Kinathukadavu, Coimbatore 642 109

Dear Madam,

Ref: ACET/CSE Dept./IE/007 Dated 09.01.2020

This has reference to your proposal for organizing a One Day Seminar on "Impact of Computational Intelligence in Wireless Sensor Networks", Akshaya College of Engineering and Technology, Coimbatore, to be scheduled on 31<sup>st</sup> January 2020 (Friday).

The same has been approved by the Committee of IE(I), Coimbatore Local Centre and you may proceed accordingly.

Host College should send the detailed report of the activity in the attached format to the IE(I), Coimbatore Local Centre within 15 days from the date of culmination of the Seminar.

Detailed report should include:

- Full text of the lectures (at least five in numbers) delivered by the dignitaries during the Seminar which should also include the technical content of the lectures (based on the theme of the Seminar).
- Photographs (view of the dais) of the Seminar depicting clearly the banner of the IEI and its logo (sample attached), theme of the Seminar, dates, etc.
- Photographs of the dignitaries delivering lectures.

The grant of Rs 10,000/- will be released after receiving the detailed report as Mentioned above.

Thanking you,

Yours sincerely

**Dr H Rammohan**  
Honorary Secretary

**IEI HEAD QUARTERS**

8 Gokhale Road, Kolkata - 700 020, India.

Phone : (033) 22238311 / 14 / 15 / 16 / 34. | Fax : (033) 22238345 | Web : <http://www.ieiindia.org> | Gram : ENJOIND

*Revised through mail to HAO/CSE to conclude to*



# **All India seminar on "Evolving trends in structural monitoring rehabilitation"**



Sangeetha Sivanandham &lt;acet.sangeetha@gmail.com&gt;

**Fwd: Proposal for organizing All India Seminar on 'Evolving Trends in Structural Monitoring and Rehabilitation', Coimbatore, August 09-10, 2019, Coimbatore Local Centre**

1 message

Edwin Fernando <civiledwin@gmail.com>  
To: Sangeetha Geetha <acet.sangeetha@gmail.com>

Thu, Nov 5, 2020 at 11:05 AM

----- Forwarded message -----

From: **COIMBATORE LOCAL CENTRE** <coimbatorelc@ieindia.org>  
Date: Thu, 5 Nov, 2020, 10:55 am  
Subject: Fwd: Proposal for organizing All India Seminar on 'Evolving Trends in Structural Monitoring and Rehabilitation', Coimbatore, August 09-10, 2019, Coimbatore Local Centre  
To: Edwin Fernando <civiledwin@gmail.com>

----- Forwarded message -----

From: **Civil Engg Division** <cvdb@ieindia.org>  
Date: Mon, Apr 22, 2019 at 11:52 AM  
Subject: Proposal for organizing All India Seminar on 'Evolving Trends in Structural Monitoring and Rehabilitation', Coimbatore, August 09-10, 2019, Coimbatore Local Centre  
To: <coimbatorelc@ieindia.org>, <ieicoimbatore@gmail.com>  
Cc: V B SINGH <vbsingh51@gmail.com>, <chairmancate@ieindia.org>

Ref: Tech/S.6/CV1920AS06

To

The Honorary Secretary,  
The Institution of Engineers (India)  
Coimbatore Local Centre, IEI

Sir,

It may kindly be noted that your request for organizing the following technical activity has been approved by Chairman, CVDB and subsequently by Chairman, CATE.

| Programme type    | Title   | Date               | Programme Code | Approved Grant (INR)                               |
|-------------------|---|--------------------|----------------|--|
| All India Seminar | Evolving Trends in Structural Monitoring and Rehabilitation | August 09-10, 2019 | CV1920AS06     | 30,000/- in two installments( @ INR 15,000/- each) |

You are hereby requested to organize the subject activity as per approved Guidelines of the Institution, which is available in our website ([https://www.ieindia.org/AdminUI/Download/GUIDEBOOK/Guidebook\\_Engi\\_Div\\_Tech\\_Activities.pdf](https://www.ieindia.org/AdminUI/Download/GUIDEBOOK/Guidebook_Engi_Div_Tech_Activities.pdf)).

Kindly note that the grant will be released subjected to the following conditions:

a) A grant of Rs 15,000/- will be released as first installment after receiving the printed / soft copy of the information Brochure prepared as per Guidelines. It may please be noted that as decided by Council, the complete information brochure should be sent to IEI HQ at least 30 days prior to the date of the All

**India Seminars/Workshops; otherwise request for release of 1<sup>st</sup> installment of the grant will not be entertained.**

b) The host Centre should send the detailed report of the activity to the Headquarters in the attached format **within 15 days from the date of culmination of the Seminar.**

Detailed report should include:

(i) A small paragraph prepared based on the lectures delivered by each dignitary during the inaugural session, which should also include the technical content of the lectures (at least ten in number spreading over three technical sessions). The format for the report is attached.

(ii) Photographs (view of the dais) of the Inaugural Session and Valedictory Session clearly depicting the banner of IET and its Logo, theme of the Seminar, dates etc. A sample banner is attached for your reference

(iii) Photographs of the dignitaries delivering lectures

(iv) E-Souvenir/ E-Proceedings of the Seminar which can be sent to all Corporate Members of the respective Division

(v) List of papers along with names of authors, presented during the technical sessions

(vi) Recommendations emanating from the deliberations.

c) A grant of Rs 15,000/- will be released as 2nd installment, after receiving the detailed report, photographs, hard/soft copy of proceeding/souvenir. We are attaching herewith the soft copy of the sample information brochure for your ready reference.

We would request you to send the soft copy of draft brochure before printing / publishing.

Thanking you,

Yours faithfully,

Tanmoy Chakraborty  
Assistant Director (Technical)  
The Institution of Engineers (India)

---

### 3 attachments

 **AIS Report format.docx**  
14K

 **Sample Banner.doc**  
272K

 **Sample Brochure\_AIS.docx**  
74K

**TRUE COPY ATTESTED**

  
**Dr. J. JAYA**, M.Tech., Ph.D  
PRINCIPAL  
Akshaya College of Engineering And Technology  
Kinathukadavu, Coimbatore - 642109

# **All India seminar on " The role of geospatial technology for precision agriculture"**



Sangeetha Sivanandham &lt;acet.sangeetha@gmail.com&gt;

## Fwd: Approval: All India Seminar on "The Role of Geospatial Technology for Precision Agriculture", 29-30 July, 2019, Coimbatore Local Centre

1 message

Edwin Fernando <civiledwin@gmail.com>  
To: Sangeetha Geetha <acet.sangeetha@gmail.com>

Thu, Nov 5, 2020 at 11:05 AM

----- Forwarded message -----

From: **COIMBATORE LOCAL CENTRE** <coimbatorelc@ieindia.org>  
Date: Thu, 5 Nov, 2020, 10:56 am  
Subject: Fwd: Approval: All India Seminar on "The Role of Geospatial Technology for Precision Agriculture", 29-30 July, 2019, Coimbatore Local Centre  
To: Edwin Fernando <civiledwin@gmail.com>

----- Forwarded message -----

From: **Electronics & Communication Engg Division** <etdb@ieindia.org>  
Date: Tue, Apr 30, 2019 at 5:14 PM  
Subject: Approval: All India Seminar on "The Role of Geospatial Technology for Precision Agriculture", 29-30 July, 2019, Coimbatore Local Centre  
To: COIMBATORE LOCAL CENTRE <coimbatorelc@ieindia.org>, <haridasapavalarrammohan@gmail.com>  
Cc: santosh mutha <muthansk@yahoo.co.in>, <natarajanhelen@gmail.com>

Ref: Tech/S.10/ET1920AS07

To,  
The Honorary Secretary,  
Coimbatore Local Centre , IEI

Sir,

It may kindly be noted that your proposal for organising the following programme has been approved by Chairman, Electronics & Telecommunication Engineering Division Board and subsequently by Chairman, CATE :

| Programme type    | Title   | Date             | Programme Code | Approved Grant (Rs.)        |
|-------------------|---|------------------|----------------|-----------------------------|
| All India Seminar | "The Role of Geospatial Technology for Precision Agriculture" | July 29-30, 2019 | ET1920AS07     | 30000/- in two installments |

You are hereby requested to organize the subject activity as per approved Guidelines of the Institution, which is also available in our website.

Kindly note that the grant will be released subjected to the following conditions:

a) A grant of Rs 15,000/- will be released as first instalment after receiving the printed / soft copy of the information Brochure prepared as per Guidelines. **It may please be noted that as decided by Council, the complete information brochure should be sent to IEI HQ at least 30 days prior to the date of the All India Seminars/Workshops; otherwise request for release of 1<sup>st</sup> instalment of the grant will not be entertained.**

b) The host Centre should send the detailed report of the activity to the Headquarters in the attached format

**within 15 days from the date of culmination of the Seminar.**

Detailed report should include:

- (i) A small paragraph prepared based on the lectures delivered by each dignitary during the inaugural session, which should also include the technical content of the lectures (at least ten in number spreading over three technical sessions). The format for the report is enclosed.
  - (ii) Photographs (view of the dais) of the Inaugural Session and Valedictory Session clearly depicting the banner of IEI and its Logo, theme of the Seminar, dates etc.
  - (iii) Photographs of the dignitaries delivering lectures
  - (iv) E-Souvenir/ E-Proceedings of the Seminar which can be sent to all Corporate Members of the respective Division
  - (v) List of papers along with names of authors, presented during the technical sessions
  - (vi) Recommendations emanated from the deliberations.
- c) A grant of Rs 15,000/- will be released as 2nd instalment, after receiving the detailed report, photographs, hard/soft copy of proceeding/souvenir. We are attaching herewith the soft copy of Guidelines for organizing All India Seminar and the sample information brochure for your ready reference.

We would request you to send the soft copy of draft brochure before printing / publishing.

Thanking you,

Yours faithfully,

Aparna Dutta  
Executive (Technical)  
for Director [Technical]  
The Institution of Engineers (India)

---

**4 attachments**

-  **GUIDELINES FOR ALL INDIA SEMINARS.docx**  
105K
-  **Report of All India Seminar.docx**  
25K
-  **Sample banner at backdrop.doc**  
272K
-  **Standard Brochure\_ET1920AS07.doc**  
101K

**TRUE COPY ATTESTED**



**Dr. J. JAYA, M.Tech., Ph.D**  
**PRINCIPAL**

Akshaya College of Engineering And Technology  
Kinathukadavu, Coimbatore - 642 109



# **One day seminar on "Smart manufacturing using IOT"**



Sangeetha Sivanandham &lt;acet.sangeetha@gmail.com&gt;

**Fwd: One day Seminar on 'Smart manufacturing using IoT', Coimbatore, July 03, 2019, to be organised by Coimbatore Local Centre**

1 message

Edwin Fernando <civiledwin@gmail.com>  
To: Sangeetha Geetha <acet.sangeetha@gmail.com>

Thu, Nov 5, 2020 at 11:04 AM

----- Forwarded message -----

From: **COIMBATORE LOCAL CENTRE** <coimbatorelc@ieindia.org>  
Date: Thu, 5 Nov, 2020, 10:57 am  
Subject: Fwd: One day Seminar on 'Smart manufacturing using IoT', Coimbatore, July 03, 2019, to be organised by Coimbatore Local Centre  
To: Edwin Fernando <civiledwin@gmail.com>

----- Forwarded message -----

From: **Mechanical Engg Division** <mcd@ieindia.org>  
Date: Mon, May 13, 2019 at 4:06 PM  
Subject: One day Seminar on 'Smart manufacturing using IoT', Coimbatore, July 03, 2019, to be organised by Coimbatore Local Centre  
To: COIMBATORE LOCAL CENTRE <coimbatorelc@ieindia.org>, <hrm.textile@psgtech.ac.in>

Tech S 11/1

**The Honorary Secretary**  
**The Institution of Engineers(India)**  
**Coimbatore Local Centre**

Sir,

Your proposal for organising the subject One Day Workshop has been approved by Chairman, MCDB. Kindly arrange to organise the activity as per approved Guidelines of the Institution, copy of which is attached for your ready reference.

Further, on successful completion of the Workshop, the Host Centre should send the detailed report of the activity as per the enclosed format to the Headquarters within 15 days from the date of culmination of the Seminar. Detailed report should include:

a) **Full text of the lectures (at least five in numbers)** delivered by the dignitaries during the Seminar which should also include the technical content of the lectures (based on the theme of the Seminar).

b) Photographs (view of the dais) of the Seminar depicting clearly the banner of the IEI and its logo, theme of the Seminar, dates, etc. (banner format enclosed)

c) Photographs of the dignitaries delivering lectures.

The grant of Rs 10,000/- will be released after receiving the detailed report as mentioned above.

Thanking you.

Yours faithfully

Kingshuk Sen

Asst Director(Technical)

for Director (Technical)

Encl: as stated

---

**3 attachments**

 **Guideline for ODS.pdf**  
1288K

 **Report of One Day Programme.doc**  
33K


 **Coimbatore Banner.doc**  
272K

**TRUE COPY ATTESTED**


  
**Dr. J. JAYA, M.Tech., Ph.D**  
**PRINCIPAL**

**Akshaya College of Engineering And Technology**  
**Kinathukadavu, Coimbatore - 642 109**


# **Solar Operated Smart Oil Skimmer With Water Quality Monitoring using PLC**



for a greener tomorrow

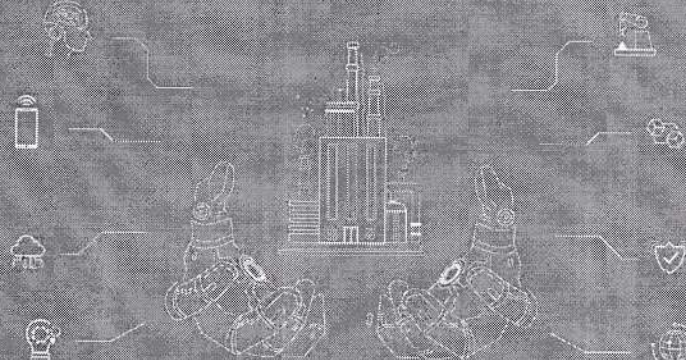


**MITSUBISHI ELECTRIC**  
Changes for the Better




**4th Mitsubishi Electric Cup**  
Collaborate. Innovate. Excel.  
National Level Automation Competition for Students


THEME 2019  
**DIGITAL INDUSTRY THROUGH  
SMART IMAGINATION**




**PRIZES**



**1<sup>st</sup> INR 1,00,000**  
& Winner Trophy



**2<sup>nd</sup> INR 75,000**  
& Runner-up 1 Trophy



**3<sup>rd</sup> INR 50,000**  
& Runner-up 2 Trophy

**And Many More**

**Important Dates:**

|  |   |
|--|---|
| 1 <sup>st</sup> Sep' 18                    | Last date of Online Registration and Submission of Proposal |
| 15 <sup>th</sup> Sep' 18                   | Announcement of Selected Teams - Top 35 teams               |
| 15 <sup>th</sup> Dec' 18                   | Intermediate Report Submission                              |
| 15 <sup>th</sup> -16 <sup>th</sup> Feb' 19 | Final Competition   |

**Benefits:**

- Mitsubishi Electric FA components worth INR 2 Lakhs
- Certificate of Participation to all the Teams
- Financial support to Qualified Teams
- Free Certified Training to all the Participants
- Opportunity to interact with Industry Experts and Japanese Delegates
- Accommodation facility for Female Participants

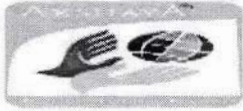
**Venue: Manav Rachna International Institute of Research and Studies, Faridabad**

**CONTACT DETAILS**

Convenor: **Dr. Leena G, Professor, EEE, FET, Manav Rachna International Institute of Research and Studies,**  
MREI Aravalli Campus, Sector - 43, Delhi - Surajkund Road, Faridabad - 121004, (Haryana), India  
Email Id: MitsubishiElectricCup@mrii.edu.in | Website: [www.mitsubishielectric.in/fa/mecup](http://www.mitsubishielectric.in/fa/mecup) | [www.manavrachna.edu.in](http://www.manavrachna.edu.in)

**☎ 91-129-4198262**





boobalan t &lt;boobalant@acetcbe.edu.in&gt;

---

**Fwd: Congrats for selection in ME Cup 2019**

---

shagul beerkhan <shagulbeerkhan7@gmail.com>  
To: boobalant@acetcbe.edu.in

Sat, Sep 29, 2018 at 1:03 PM

----- Forwarded message -----

From: MITSUBISHI ELECTRIC CUP &lt;mitsubishielectriccup@mriu.edu.in&gt;

Date: Wednesday, September 19, 2018

Subject: Congrats for selection in ME Cup 2019

To: madhavapandian@acetcbe.edu.in, shagulbeerkhan7@gmail.com

Cc: Shrikant.Takale@asia.meap.com, Manoj.Gupta@asia.meap.com, Anita khosla &lt;anitakhosla.fet@mriu.edu.in&gt;

Dear S.Madhavapandian and Shagul Beerkhan.S

CONGRATULATIONS for your teamACETIANS-EEE for being shortlisted in first stage of the ME cup 2019.

All the very best, for the final competition.

ME Cup 2019

Organizing Team

--  
with thanks & regards,  
S.SHAGUL BEERKHAN,  
B.E [ EEE ].

**Dr. J. JAYA, M.Tech Ph D**  
**PRINCIPAL**  
Akshaya College of Engineering and Technology  
Kinathukadavu, Coimbatore - 642 109



7/11/2020

Akshaya College of Engineering & Technology Mail - Fwd: Congratulations Letter and Mentor Details

Thanks & Regards,

Brijesh Morwal

Engineer | Product Marketing

**MITSUBISHI ELECTRIC INDIA PRIVATE LIMITED**

Emerald House, EL-3, J Block, M.I.D.C Bhosari, Pune – 411026, Maharashtra, India.

Mobile no : +91 7506111010 | Board line no : +91-20-2710 2356 | Email : [Brijesh.Morwal@asia.meap.com](mailto:Brijesh.Morwal@asia.meap.com)

Website : [www.MitsubishiElectric.in](http://www.MitsubishiElectric.in)



for a greener tomorrow



---

2 attachments

ME Cup-Mentors Contact Details.pdf  
46K

List of FA Centers.pdf  
280K

  
**Dr. J. JAYA, M Tech Ph D**  
**PRINCIPAL**  
**Akshaya College of Engineering and Technology**  
**Kinathukadavu, Coimbatore - 642 109**



# 4<sup>th</sup> Mitsubishi Electric Cup

Collaborate. Innovate. Excel.

15<sup>th</sup>-16<sup>th</sup> FEBRUARY 2019

## CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to team

ACETIANS-EEE — ALAGIAPPAN. A.I

in recognition of their Participation at 4<sup>th</sup> Mitsubishi Electric Cup 2019,  
National Level Automation Competition.

横山 誠

**Hisahiro Nishimoto**  
Director and Divisional Head - FAID  
Mitsubishi Electric India Pvt. Ltd.

**Dr. J. JAYA, M Tech Ph D**  
PRINCIPAL

Akshaya College of Engineering and Technology  
Kinathukadavu, Coimbatore - 642 109

Ushiku

**Katsunori Ushiku**  
Managing Director  
Mitsubishi Electric India Pvt. Ltd.

in.MitsubishiElectric.com



# 4<sup>th</sup> Mitsubishi Electric Cup

Collaborate. Innovate. Excel.

15<sup>th</sup>-16<sup>th</sup> FEBRUARY 2019

## CERTIFICATE OF APPRECIATION

This certificate is proudly presented to team

**ACE TIANS - EEE**

in recognition of their **Commendable Performance** at **4<sup>th</sup> Mitsubishi Electric Cup 2019,**  
**National Level Automation Competition.**

横山 誠

**Hisahiro Nishimoto**  
Director and Divisional Head - FAID  
Mitsubishi Electric India Pvt. Ltd.

**Dr. J. JAYA, M.Tech Ph.D**  
PRINCIPAL

**Akshaya College of Engineering and Technology**  
Kinathukadavu, Coimbatore-642 109

Q. Ushiku

**Katsunori Ushiku**  
Managing Director  
Mitsubishi Electric India Pvt. Ltd.

in.MitsubishiElectric.com



# 4<sup>th</sup> Mitsubishi Electric Cup

Collaborate. Innovate. Excel.

15<sup>th</sup>-16<sup>th</sup> FEBRUARY 2019

## CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to team

ACETIANS-EEE — DINESH J

in recognition of their **Participation** at **4<sup>th</sup> Mitsubishi Electric Cup 2019**,  
**National Level Automation Competition.**

横山 誠

**Hisahiro Nishimoto**  
Director and Divisional Head - FAID  
Mitsubishi Electric India Pvt. Ltd.



**Katsunori Ushiku**  
Managing Director  
Mitsubishi Electric India Pvt. Ltd.

**Dr. J. JAYA, M Tech Ph D**  
PRINCIPAL

**Akshaya College of Engineering and Technology**  
Kinathukavayal Coimbatore - 642 109

[in.MitsubishiElectric.com](http://in.MitsubishiElectric.com)



4<sup>th</sup> **Mitsubishi Electric Cup**  
Collaborate. Innovate. Excel.

15<sup>th</sup>-16<sup>th</sup> FEBRUARY 2019

**CERTIFICATE OF PARTICIPATION**

This certificate is proudly presented to team

ACETIANS-EEE — GIORI ANAND.M

in recognition of their **Participation** at **4<sup>th</sup> Mitsubishi Electric Cup 2019,**  
**National Level Automation Competition.**

横山 誠

**Hisahiro Nishimoto**  
Director and Divisional Head - FAID  
Mitsubishi Electric India Pvt. Ltd.

**Dr. J. JAYA, M Tech Ph D**  
**PRINCIPAL**

**Akshaya College of Engineering and Technology**  
**Kinathukadavu, Coimbatore-642 109**



**Katsunori Ushiku**  
Managing Director  
Mitsubishi Electric India Pvt. Ltd.



in.MitsubishiElectric.com



# 4<sup>th</sup> Mitsubishi Electric Cup

Collaborate. Innovate. Excel.

15<sup>th</sup>-16<sup>th</sup> FEBRUARY 2019

## CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to team

ACETIANS-EEE — SHAGUL BEERKHAN.S

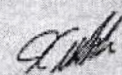
in recognition of their **Participation** at 4<sup>th</sup> Mitsubishi Electric Cup 2019,  
**National Level Automation Competition.**

横山 誠

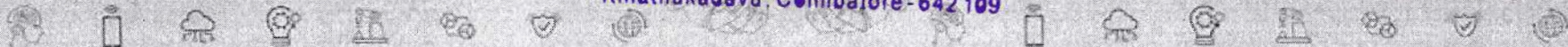
**Hisahiro Nishimoto**  
Director and Divisional Head - FAID  
Mitsubishi Electric India Pvt. Ltd.

**Dr. J. JAYA, M Tech Ph D**  
PRINCIPAL

Akshaya College of Engineering and Technology  
Kinathukadavu, Coimbatore-642 109



**Katsunori Ushiku**  
Managing Director  
Mitsubishi Electric India Pvt. Ltd.



[in.MitsubishiElectric.com](http://in.MitsubishiElectric.com)





MUFG Bank, Ltd.

5th Floor, Worldmark 2, Asset 8  
Aerocity, New Delhi - 110037  
IFSC : BOTM0ND3611

A/C PAYEE ONLY

VALID FOR THREE MONTHS ONLY

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 1 | 5 | 0 | 2 | 2 | 0 | 1 | 9 |
| D | D | M | M | Y | Y | Y | Y |

Pay \*\* SHAGUL BEERKHAN.S \*\*

या उनके आदेश पर or Order

रुपये Rupees \*\* Ten Thousand Only \*\*

अदा करें।

₹


\*\* 10,000.00

Current  
A/c No.

0 3 2 3 9 5

MITSUBISHI ELECTRIC INDIA PVT LTD

  
**Dr. J. JAYA, M Tech Ph D**  
PRINCIPAL  
Akshaya College of Engineering and Technology  
Kinathukadavu, Coimbatore-642 109

  
AUTHORISED SIGNATORY(S)  
Please sign above / कृपया ऊपर हस्ताक्षर करें

⑈323369⑈ 110033001⑈ 032395⑈ 11

# **Solar Operated PLC Automated Irrigation System with Fault Preventer**

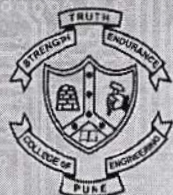




for a greener tomorrow



In association with



COLLEGE OF ENGINEERING, PUNE

## 2<sup>nd</sup> Mitsubishi Electric Cup Collaborate. Innovate. Excel.

### National Level Automation Competition For Students

#### BENEFITS

- Mitsubishi Electric FA components worth 2 Lakhs
- Certificate of participation to all the teams
- Financial support to qualified teams
- Free Certified Training to all the participants
- Opportunity to Interact with Industry Experts

#### SCHEDULE OF EVENTS

1<sup>st</sup> Sep'16

Registration and Submission of Proposal

15<sup>th</sup> Sep'16

Announcement of Selected Teams – Top 35 teams

15<sup>th</sup> Dec'16

Intermediate Report Submission

17<sup>th</sup> -18<sup>th</sup> Feb'17

Final Competition

#### VENUE:

College of Engineering (COEP), Pune

THEME: “**INTELLIGENT MANUFACTURING  
FOR GREENER TOMORROW**”

#### Free Registration

#### PRIZES

₹1,00,000



WINNER

₹75,000



1<sup>st</sup> RUNNER-UP

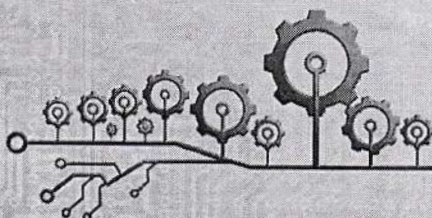
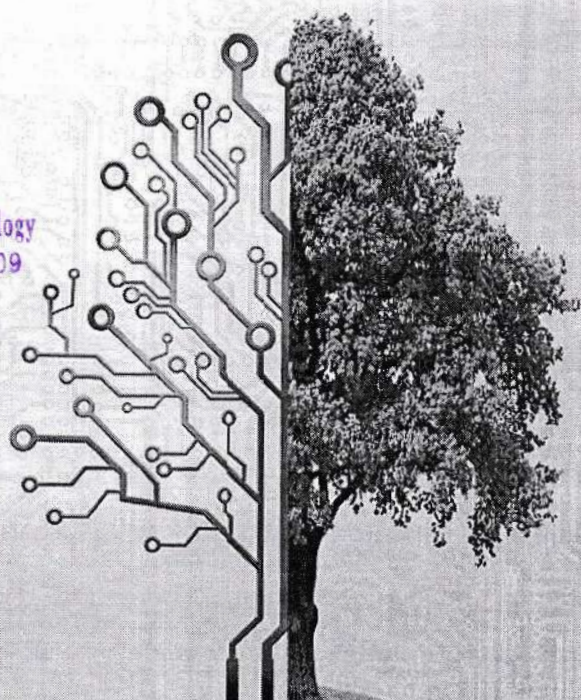
₹50,000



2<sup>nd</sup> RUNNER-UP

And many more prizes to be won

  
**Dr. J. JAYA, M Tech Ph D**  
**PRINCIPAL**  
**Akshaya College of Engineering and Technology**  
**Kinathukadavu, Coimbatore-642 109**



#### CONTACT DETAILS:

Convenor: Mrs. Sapna K. D. Assistant Professor,

Department of Instrumentation and Control, College of Engineering (COEP) Shivajinagar, Pune - 411005, Maharashtra.



**TOP SHORTLISTED 35 TEAMS for ME CUP 2017**

| Sr. No. | Registration No. | College/Institute name                                  | Project Title  | Team Name                         |
|---------|------------------|---|--|-----------------------------------|
| 1       | MEC1617059       | AJAY KUMAR GARG ENGINEERING COLLEGE                     | AUTOMATED INVENTORY MANAGEMENT SYSTEM  | Team Innovators                   |
| 2       | MEC1617062       | AKSHAYA COLLEGE OF ENGINEERING AND TECHNOLOGY           | SOLAR OPERATED PLC BASED AUTOMATED IRRIGATION SYSTEM WITH FAULT PREVENTER                      | ACETEE001                         |
| 3       | MEC1617115       | C.V. RAMAN COLLEGE OF ENGINEERING                       | APPLICATION OF AUTOMATION IN FOOT STEP POWER GENERATION & DISTRIBUTION                         | THE INNOVATORS                    |
| 4       | MEC1617119       | CHANDUBHAI S. PATEL INSTITUTE OF TECHNOLOGY             | INTELLI-GRID: INTELLIGENT GENERATION, TRANSMISSION & DISTRIBUTION                              | AUTOVOLTZ                         |
| 5       | MEC1617126       | CHH. SHAHU COLLEGE OF ENGINEERING                       | AUTOMATION FOR THE PROCESS OF PAPER BAG MANUFACTURING SYSTEM USING PLC                         | CHH. SHAHU COLLEGE OF ENGINEERING |
| 6       | MEC1617058       | COLLEGE OF ENGINEERING, PUNE                            | SMART 'WATER AUDIT'  | Nvidaa                            |
| 7       | MEC1617065       | COLLEGE OF ENGINEERING, PUNE                            | AUTOMATIC WAREHOUSE MANAGEMENT SYSTEM  | TEAM CONTROLLERS                  |
| 8       | MEC1617068       | CVR COLLEGE OF ENGINEERING                              | VIRTUALLY TRANSCRIBED AND RESTRAINED ROBOTIC SYSTEM (V-TARRS)                                  | HAMBOTS                           |
| 9       | MEC1617116       | D.Y PATIL COLLEGE OF ENGINEERING, AKURDI                | SMART WATER DISTRIBUTION AND LEAKAGE DETECTION SYSTEM  | TEAM ENIGMA                       |
| 10      | MEC1617087       | DAYANANDA SAGAR COLLEGE OF ENGINEERING                  | AUTOMATIC GARBAGE SEGREGATOR AND RESOURCE UTILIZATION USING PLC                                | DSCE EIE Team-1                   |
| 11      | MEC1617019       | DEOGIRI INSTITUTE OF ENGINEERING AND MANAGEMENT STUDIES | FOREST MAKER   | Team Verdient 1                   |
| 12      | MEC1617078       | DR.MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY     | SMART CONVEYOR 4.0   | WORKER BEES                       |
| 13      | MEC1617047       | FACULTY OF TECHNOLOGY DHARMSINH DESAI UNIVERSITY        | DESIGN AND DEVELOPMENT OF SOLAR POWERED,SMART HYDROPONIC,INDUSTRIAL GREENHOUSE                 | AGROPONIX                         |
| 14      | MEC1617018       | G. H. RAISONI COLLEGE OF ENGINEERING AND MANAGEMENT     | DURABLE SUBSURFACE DRIP IRRIGATION SYSTEM  | DigiMinds                         |
| 15      | MEC1617052       | GULZAR GROUP OF INSTITUTES                              | SMART ENERGY LIGHTNING SYSTEM  | ROBOTTECH AUTHORITY               |
| 16      | MEC1617096       | INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR               | INTELLIGENT EOT CRANE CONTROL SYSTEM   | Brain-on-Crane                    |
| 17      | MEC1617045       | INSTITUTE OF TECHNOLOGY, NIRMA UNIVERSITY               | SMART E-SORTER   | Con-Sol-E                         |
| 18      | MEC1617002       | ISTC  | SMART CITY- A BETTER WAY TO LEAD LIFE  | THE INNOVATORS                    |
| 19      | MEC1617015       | KONGU ENGINEERING COLLEGE                               | DEVELOPMENT OF AUTOMATIC MULTIPURPOSE FOOD POWDER MACHINE FOR VALUE ADDITION OF AGRO PRODUCTS  | KEC - MECHATRONICS                |
| 20      | MEC1617080       | M. S. RAMAIAH INSTITUTE OF TECHNOLOGY                   | IOT BASED IRRIGATION AUTOMATION SYSEM  | MSRIT                             |
| 21      | MEC1617075       | MAHARASHTRA INSTITUTE OF TECHNOLOGY                     | IOT BASED AUTOMATED FEEDBACK SYSTEM WITH INLINE MULTI-CHECKING INSPECTION FOR FORGING INDUSTRY | Auto Squad                        |
| 22      | MEC1617046       | MANAV RACHNA INTERNATIONAL UNIVERSITY                   | INTELLIGENT BUILDING FOR GREENER TOMORROW  | TECHNOKATS                        |
| 23      | MEC1617082       | MIT ACADEMY OF ENGINEERING                              | AUTOMATIC POWER CONTROL SYSYTEM  | MITAOE                            |
| 24      | MEC1617073       | MKSSS CUMMINS COLLEGE OF ENGINEERING FOR WOMEN          | REUSING PLASTIC BOTTLES  | Cummins Cybele                    |
| 25      | MEC1617057       | R.M.K COLLEGE OF ENGINEERING AND TECHNOLOGY             | FUEL FROM INDUSTRIAL GASEOUS WASTE   | GREEN INTELLIGENCE                |

7/11/2020

Akshaya College of Engineering & Technology Mail - Fwd: Congratulations Letter and Mentor Details



boobalan t <boobalant@acetce.edu.in>

## Fwd: Congratulations Letter and Mentor Details

chinraj k <chinraj@acetce.edu.in>

Sat, Oct 8, 2016 at 12:20 PM

To: Manoj S <smanoj.eee@gmail.com>, boobalant@acetce.edu.in

----- Forwarded message -----

From: **Brijesh.Morwal** <Brijesh.Morwal@asia.meap.com>

Date: Fri, Oct 7, 2016 at 12:01 PM

Subject: Congratulations Letter and Mentor Details

To: "upen\_65@yahoo.co.in" <upen\_65@yahoo.co.in>, "rks@kongu.ac.in" <rks@kongu.ac.in>, "pravin.matte@raisoni.net" <pravin.matte@raisoni.net>, "dakeganesh36@gmail.com" <dakeganesh36@gmail.com>, "subhasinid@sjcet.co.in" <subhasinid@sjcet.co.in>, "mail2mohanphd@gmail.com" <mail2mohanphd@gmail.com>, "alpesh.patel@nirmauni.ac.in" <alpesh.patel@nirmauni.ac.in>, "ashishgrover.fet@mriu.edu.in" <ashishgrover.fet@mriu.edu.in>, "hetashah.ic@gmail.com" <hetashah.ic@gmail.com>, "prashant2203@gmail.com" <prashant2203@gmail.com>, "varun.uppal@ggi.ac.in" <varun.uppal@ggi.ac.in>, "umasankar@rmkcet.ac.in" <umasankar@rmkcet.ac.in>, "ssk.instru@coep.ac.in" <ssk.instru@coep.ac.in>, "rahuldixit87kit@gmail.com" <rahuldixit87kit@gmail.com>, "smanoj.eee@gmail.com" <smanoj.eee@gmail.com>, "manisha.mhetre@gmail.com" <manisha.mhetre@gmail.com>, "dns.instru@coep.ac.in" <dns.instru@coep.ac.in>, "venkugummadilli@gmail.com" <venkugummadilli@gmail.com>, "mki.eie@rmkce.ac.in" <mki.eie@rmkce.ac.in>, "vikas.hajare@cumminscollege.in" <vikas.hajare@cumminscollege.in>, "alwin.anuse@mitpune.edu.in" <alwin.anuse@mitpune.edu.in>, "hod\_ice@drmcet.ac.in" <hod\_ice@drmcet.ac.in>, "shivaprakash@msrit.edu" <shivaprakash@msrit.edu>, "mohankumareie@gmail.com" <mohankumareie@gmail.com>, "srpawar@etx.maepune.ac.in" <srpawar@etx.maepune.ac.in>, "jsrdsce@gmail.com" <jsrdsce@gmail.com>, "alokkanti@gmail.com" <alokkanti@gmail.com>, "hodin@rait.ac.in" <hodin@rait.ac.in>, "prabu@shanmugha.edu.in" <prabu@shanmugha.edu.in>, "kbthedon@gmail.com" <kbthedon@gmail.com>, "aartiya@gmail.com" <aartiya@gmail.com>, "pragneshbhatt.ee@charusat.ac.in" <pragneshbhatt.ee@charusat.ac.in>, "kamaleshktkp@gmail.com" <kamaleshktkp@gmail.com>, "angelineezhilarasi.g@vit.ac.in" <angelineezhilarasi.g@vit.ac.in>, "binny.wairagade@gmail.com" <binny.wairagade@gmail.com>, "dilpreetsingh05@gmail.com" <dilpreetsingh05@gmail.com>, "vivekmtsb1995@gmail.com" <vivekmtsb1995@gmail.com>, "yrk163@gmail.com" <yrk163@gmail.com>, "saurabh1992.121@gmail.com" <saurabh1992.121@gmail.com>, "rohankasar02@gmail.com" <rohankasar02@gmail.com>, "vimalakavi123@gmail.com" <vimalakavi123@gmail.com>, "13bic055@nirmauni.ac.in" <13bic055@nirmauni.ac.in>, "nav.chaudhary10@gmail.com" <nav.chaudhary10@gmail.com>, "makadiyaparth2@gmail.com" <makadiyaparth2@gmail.com>, "princemehandirata@gmail.com" <princemehandirata@gmail.com>, "kmitush@gmail.com" <kmitush@gmail.com>, "mageshwaran2921@gmail.com" <mageshwaran2921@gmail.com>, "satiyanaman@gmail.com" <satiyanaman@gmail.com>, "apoorv.speed14@gmail.com" <apoorv.speed14@gmail.com>, "chinraj@acetce.edu.in" <chinraj@acetce.edu.in>, "dipeshborole@gmail.com" <dipeshborole@gmail.com>, "phalkekp14.instru@coep.ac.in" <phalkekp14.instru@coep.ac.in>, "nishanthsingam95@gmail.com" <nishanthsingam95@gmail.com>, "maha2121996@gmail.com" <maha2121996@gmail.com>, "radhika.nibandhe@cumminscollege.in" <radhika.nibandhe@cumminscollege.in>, "krishnahundekari87@gmail.com" <krishnahundekari87@gmail.com>, "sreyaminisudhan22@gmail.com" <sreyaminisudhan22@gmail.com>, "akshain108@gmail.com" <akshain108@gmail.com>, "krishna.rectitude@gmail.com" <krishna.rectitude@gmail.com>, "nirbhay9708@gmail.com" <nirbhay9708@gmail.com>, "shettysourabh3@gmail.com" <shettysourabh3@gmail.com>, "pursureprashant2@gmail.com" <pursureprashant2@gmail.com>, "kadam.rupesh12@gmail.com" <kadam.rupesh12@gmail.com>, "ramachandrabhagyaraj@gmail.com" <ramachandrabhagyaraj@gmail.com>, "rishimukherjee143@gmail.com" <rishimukherjee143@gmail.com>, "patilsamadhan1908@gmail.com" <patilsamadhan1908@gmail.com>, "ydeshmukh74@gmail.com" <ydeshmukh74@gmail.com>, "ravirajdeshmukh123@gmail.com" <ravirajdeshmukh123@gmail.com>, "lokesh.nrao2014@vit.ac.in" <lokesh.nrao2014@vit.ac.in>, "mitsubishielectriccup@coep.ac.in" <mitsubishielectriccup@coep.ac.in>

Dear All,

PFA of the Mentor Details along with the details of the different FA Centres.

  
**Dr. J. JAYA, M Tech Ph.D,**  
**PRINCIPAL**  
**Akshaya College of Engineering and Technology**  
**Kinathukadavu, Coimbatore - 642 109**



## 2<sup>nd</sup> Mitsubishi Electric Cup

Collaborate. Innovate. Excel.

### Congratulations Letter

We extend our **Heartiest Congratulations** to you and your team for getting shortlisted to compete for **Mitsubishi Electric Cup**, a National level automation competition. We had received various Proposals from each and every corner of the country with ideas from Factory Automation to Process Automation & from Eco Green to Smart Infrastructure.

The theme for Mitsubishi Electric Cup is "**Intelligent Manufacturing for Greener Tomorrow**". Your proposal is carefully reviewed keeping in view the theme of the competition and selected by our Elite Judging Panel. Your team is amongst the top teams as shortlisted by the panel. Final date of competition is **17<sup>th</sup> ~18<sup>th</sup> Feb 2017**.

We have dispatched the material as per your proposal and Bill of Materials. We request you to send us the attached Acknowledgement Receipt with signature from the faculty in-charge along with the college seal latest by 31<sup>st</sup> October, 2016.

Regards

Mitsubishi Electric Cup Team

  
Dr. J. JAYA, M.Tech Ph D  
PRINCIPAL  
Akshaya College of Engineering and Technology  
Kinathukadavu, Coimbatore - 642 100

For any further details, kindly contact the respective mentors allotted to all the teams.



## ME Cup 2017 Registration Contact Details

| Sr. No. | Identifier | Institute_name  | team_name          | project_name  | Location    | FA Center | Mentor              | Email ID   | Contact Details |
|---------|------------|---|--------------------|---|-------------|-----------|---------------------|--|-----------------|
| 1       | MEC1617002 | ISTC, CENTRAL SCIENTIFIC INSTRUMENTS ORGANISATION, Sector-30 C, Chandigarh, 160030  | THE INNOVATORS     | SMART CITY- A BETTER WAY TO LEAD LIFE   | Chandigarh  | Gurgaon   | Manoj Gupta         | <a href="mailto:Manoj.Gupta@asia.mecap.com">Manoj.Gupta@asia.mecap.com</a>                 | 9910899185      |
| 2       | MEC1617015 | Kongu Engineering College, Thoppupalayam, Perundura(taluk), Erode(district), Tamil Nadu, 638052                           | KEC - MECHATRONICS | DEVELOPMENT OF AUTOMATIC MULTIPURPOSE FOOD POWDER MACHINE FOR VALUE ADDITION OF AGRO PRODUCTS | Tamilnadu   | Chennai   | K Pradeep           | <a href="mailto:K.Pradeep@asia.mecap.com">K.Pradeep@asia.mecap.com</a>                     | 9901338413      |
| 3       | MEC1617018 | G. H. Raisoni college of Engineering and Management, Pune, Gate No. 1200, Domkhel Road, Wagholi, Pune 412207              | DigiMinds          | Durable Subsurface Drip Irrigation System   | Pune        | Pune      | Muttuappa /Ramesh   | <a href="mailto:Muttuappa.Lalagundi@asia.mecap.com">Muttuappa.Lalagundi@asia.mecap.com</a> | 8446492838      |
| 4       | MEC1617019 | Deogiri Institute of Engineering and Management Studies, Station Road, Aurangabad, 431005                                 | Team Verdient 1    | Forest Maker  | Aurangabad  | Pune      | Shrikant takale     | <a href="mailto:Shrikant.takale@asia.mecap.com">Shrikant.takale@asia.mecap.com</a>         | 9730717693      |
| 5       | MEC1617040 | St. John College of Engineering & Technology, Veevor Manor Road Palghar(E), 401404  | SICET ELECTROMECH  | MULTIFLOOR CAR PARKING BY USING FINGERPRINT   | Mumbai      | Pune      | Muttuappa Lalagundi | <a href="mailto:Muttuappa.Lalagundi@asia.mecap.com">Muttuappa.Lalagundi@asia.mecap.com</a> | 8446492838      |
| 6       | MEC1617041 | Sri Eshwar College of Engineering, Kondampatti post, Vadasithur via, Kinathukadavu, Coimbatore, 641202                    | SPARKERS           | MITSUBISHI PLC BASED SENSIBLE AUTOMATED PACHAGAVYA MANUFACTURING AND FIELD APPLICATION        | Coimbatore  | Chennai   | Shajan Mathew       | <a href="mailto:Shajan.Mathew@asia.mecap.com">Shajan.Mathew@asia.mecap.com</a>             | 8082566970      |
| 7       | MEC1617045 | Institute of Technology, Nirma University, Sarkhej-Gandhinagar Highway, Post : Chandlodia, Via : Gota, Ahmedabad-382481   | Con-Sol-E          | Smart E-Sorter  | Ahmedabad   | Ahmedabad | Sapan Thakker       | <a href="mailto:Sapan.Thakker@asia.mecap.com">Sapan.Thakker@asia.mecap.com</a>             | 8905196961      |
| 8       | MEC1617046 | MANAV RACHNA INTERNATIONAL UNIVERSITY, SECTOR-43, ARAVALI HILLS, FARIDABAD, HARYANA. 121004                               | TECHNOKATS         | INTELLIGENT BUILDING FOR GREENER TOMORROW   | Faridabad   | Gurgaon   | Vijay/Ripan         | <a href="mailto:Vijay.Budharasu@asia.mecap.com">Vijay.Budharasu@asia.mecap.com</a>         | 9873827087      |
| 9       | MEC1617047 | FACULTY OF TECHNOLOGY DHARMSINH DESAI UNIVERSITY, DHARMSINH DESAI UNIVERSITY, COLLEGE ROAD, NADIAD-387001                 | AGROPONIX          | DESIGN AND DEVELOPMENT OF SOLAR POWERED, SMART HYDROPONIC, INDUSTRIAL GREENHOUSE              | Nadiad      | Ahmedabad | Sapan Thakker       | <a href="mailto:Sapan.Thakker@asia.mecap.com">Sapan.Thakker@asia.mecap.com</a>             | 8905196961      |
| 10      | MEC1617049 | SRM University, Delhi-NCR Campus, SRM University, Delhi-NCR Campus, Sikri Kalan, Modinagar, Ghaziabad, Uttar Pradesh      | Team SRM IGNITERS  | Smart Waste Management using Internet of Things(IoT)  | Ghaziabad   | Gurgaon   | Parv Abbott         | <a href="mailto:Parv.Abbott@asia.mecap.com">Parv.Abbott@asia.mecap.com</a>                 | 9717103194      |
| 11      | MEC1617052 | GULZAR GROUP OF INSTITUTES, G.T Road, Village Libra, Khanna, Punjab, 141401   | ROBOTECH AUTHORITY | SMART ENERGY LIGHTNING SYSTEM   | Punjab      | Gurgaon   | Ripanjee kaur       | <a href="mailto:Ripanjee.kaur@asia.mecap.com">Ripanjee.kaur@asia.mecap.com</a>             | 8130828800      |
| 12      | MEC1617057 | R.M.K COLLEGE OF ENGINEERING AND TECHNOLOGY, R.S.M Nagar, Puduvoyal, Gummidipoondi Taluk, Thiruvallu District. 601206     | GREEN INTELLIGENCE | FUEL FROM INDUSTRIAL GASEOUS WASTE  | Thiruvallur | Chennai   | P Prashanth         | <a href="mailto:P.Prashanth@asia.mecap.com">P.Prashanth@asia.mecap.com</a>                 | 9585005105,     |
| 13      | MEC1617058 | College of Engineering, Pune, Wellesly Road, Shivajinagar, Pune, 411005   | Nvidaa             | Smart 'Water Audit'   | Pune        | Pune      | Shrikant takale     | <a href="mailto:Shrikant.takale@asia.mecap.com">Shrikant.takale@asia.mecap.com</a>         | 9730717693      |
| 14      | MEC1617059 | Ajay Kumar Garg Engineering College, 27th Km Stone, Delhi - Hapur Bypass Road, Adhyatmik Nagar Ghaziabad - 201009         | Team Innovators    | Automated Inventory Management System   | Ghaziabad   | Gurgaon   | Parv Abbott         | <a href="mailto:Parv.Abbott@asia.mecap.com">Parv.Abbott@asia.mecap.com</a>                 | 9717103194      |
| 15      | MEC1617062 | Akshaya College of Engineering and Technology, Kinathukadavu, Coimbatore, Tamilnadu-642109                                | ACETEEE001         | SOLAR OPERATED PLC BASED AUTOMATED IRRIGATION SYSTEM WITH FAULT PREVENTER                     | Coimbatore  | Chennai   | K Pradeep           | <a href="mailto:K.Pradeep@asia.mecap.com">K.Pradeep@asia.mecap.com</a>                     | 9901338413      |
| 16      | MEC1617064 | Vishwakarma Institute of Technology, Pune, 666, Upper Indiranagar-411037  | INS-VITians        | Smart Medical Waste Management System for Hospitals   | Pune        | Pune      | Avinash Nagpure     | <a href="mailto:Avinash.Nagpure@asia.mecap.com">Avinash.Nagpure@asia.mecap.com</a>         | 8554864751      |
| 17      | MEC1617065 | COLLEGE OF ENGINEERING, PUNE, COEP, WELLESLEY-ROAD, SHIVAJINAGAR, PUNE-411005   | TEAM CONTROLLERS   | AUTOMATIC WAREHOUSE MANAGEMENT SYSTEM   | Pune        | Pune      | Shrikant takale     | <a href="mailto:Shrikant.takale@asia.mecap.com">Shrikant.takale@asia.mecap.com</a>         | 9730717693      |
| 18      | MEC1617068 | CVR COLLEGE OF ENGINEERING, VASTUNAGAR, MANGALPALLI VILLAGE, IBRAHIMPATNAM MANDAL, RANGA REDDY DISTRICT, TELANGANA-501510 | HAMBOTS            | VIRTUALLY TRANSCRIBED AND RESTRAINED ROBOTIC SYSTEM (V-TARRS)                                 | Telangana   | Bagalore  | K Pradeep           | <a href="mailto:K.Pradeep@asia.mecap.com">K.Pradeep@asia.mecap.com</a>                     | 9901338413      |

| Sr. No. | Identifier | Institute Name   | Team Name                         | Project Name   | Location    | FA Center | Mentor              | Email ID   | Contact Details |
|---------|------------|--|-----------------------------------|--|-------------|-----------|---------------------|--|-----------------|
| 19      | MEC1617070 | R.M.K. ENGINEERING COLLEGE, R.S.M. NAGAR, KAVARIPETTAI, GUMMIDIPOONDI - TALUK, THIRUVALLUR DIST, CHENNAI-601207                              | TECH KNOCKERS                     | INTELLIGENT SECURED GARAGE FOR SMART BUILDINGS   | Thiruvallur | Chennai   | P Prashanth         | <a href="mailto:P.Prashanth@asia.mesp.com">P.Prashanth@asia.mesp.com</a>                 | 9585005105,     |
| 20      | MEC1617073 | MKSSS CUMMINS COLLEGE OF ENGINEERING FOR WOMEN, Survey No. 11/2, Karve Nagar, Pune, Maharashtra 411052                                       | Cummins Cybele                    | Reusing Plastic Bottles  | Pune        | Pune      | Avinash Nagpure     | <a href="mailto:Avinash.Nagpure@asia.mesp.com">Avinash.Nagpure@asia.mesp.com</a>         | 8554864751      |
| 21      | MEC1617075 | Maharashtra Institute of Technology, S.No.124, Paud Road, Kothrud, Pune, Maharashtra -411038   | Auto Squad                        | IOT based automated feedback system with inline multi-checking inspection for forging industry           | Pune        | Pune      | Avinash Nagpure     | <a href="mailto:Avinash.Nagpure@asia.mesp.com">Avinash.Nagpure@asia.mesp.com</a>         | 8554864751      |
| 22      | MEC1617078 | Dr.MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY, NPTC-MCET CAMPUS, UDUMALAI ROAD, POLLACHI, COIMBATORE(DIST).642003                      | WORKER BEES                       | SMART CONVEYOR 4.0   | Pollachi    | Chennai   | P Prashanth         | <a href="mailto:P.Prashanth@asia.mesp.com">P.Prashanth@asia.mesp.com</a>                 | 9585005105,     |
| 23      | MEC1617080 | M. S. Ramaiah Institute of Technology, M. S. Ramaiah Nagar, MSRIT post, 560054   | MSRIT                             | IOT BASED IRRIGATION AUTOMATION SYSTEM   | Bangalore   | Bagalore  | K Pradeep           | <a href="mailto:K.Pradeep@asia.mesp.com">K.Pradeep@asia.mesp.com</a>                     | 9901338413      |
| 24      | MEC1617081 | SNS College of Technology, Sathy Main Road, Vazhiyampalayam Pirivu, Coimbatore-35, Tamil Nadu 641035   | TEAM SYNCROS                      | Automatic Tamarind Cover and Seed Separation Machine   | Coimbatore  | Chennai   | P Prashanth         | <a href="mailto:P.Prashanth@asia.mesp.com">P.Prashanth@asia.mesp.com</a>                 | 9585005105,     |
| 25      | MEC1617082 | MIT Academy of Engineering, Dehu Phata, Alandi (Devachi), Pune-412105  | MITAOE                            | AUTOMATIC POWER CONTROL SYSTEM   | Pune        | Pune      | Muttuappa Lalagundi | <a href="mailto:Muttuappa.Lalagundi@asia.mesp.com">Muttuappa.Lalagundi@asia.mesp.com</a> | 8446492838      |
| 26      | MEC1617087 | Dayananda Sagar college of Engineering, Kumaraswamy Layout, SM Hills, Bangalore-560078   | DSCE EIE Team-1                   | Automatic Garbage Segregator and Resource Utilization using PLC  | Bangalore   | Bagalore  | Shajan Mathew       | <a href="mailto:Shajan.Mathew@asia.mesp.com">Shajan.Mathew@asia.mesp.com</a>             | 8082566970      |
| 27      | MEC1617096 | Indian Institute of Technology, Kharagpur, Kharagpur, West Bengal 721302   | Brain-on-Crane                    | Intelligent EOT Crane Control System   | Kharagpur   | Gurgaon   | Devendra Singh      | <a href="mailto:Devendra.Singh@asia.mesp.com">Devendra.Singh@asia.mesp.com</a>           | 9871233186      |
| 28      | MEC1617102 | Ramrao Adik Institute of Technology, Navi Mumbai, Sector 7, Phase I, Pad. Dr. D. Y. Patil Vidyapeeth, Nerul, Navi Mumbai, Maharashtra 400706 | RAIT Automation                   | Approach towards Smart Manufacturing of Herbal Juice Plant by using IIoT and Automation through FXSU PLC | Navi Mumbai | Pune      | Avinash Nagpure     | <a href="mailto:Avinash.Nagpure@asia.mesp.com">Avinash.Nagpure@asia.mesp.com</a>         | 8554864751      |
| 29      | MEC1617112 | SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY Tiruchengode Sankari Main Road,  | SHANMUGHA                         | CHANMA ROBOT   | Salem       | Chennai   | Shajan Mathew       | <a href="mailto:Shajan.Mathew@asia.mesp.com">Shajan.Mathew@asia.mesp.com</a>             | 8082566970      |
| 30      | MEC1617115 | C.V. RAMAN COLLEGE OF ENGINEERING Bidyanagar, Mahura, Janla Bhubaneswar (Orissa)-752054  | THE INNOVATORS                    | APPLICATION OF AUTOMATION IN FOOT STEP POWER GENERATION & DISTRIBUTION                                   | Bhubaneswar | Gurgaon   | Vijay/Shajan        | <a href="mailto:Vijay.Budharaj@asia.mesp.com">Vijay.Budharaj@asia.mesp.com</a>           | 9873827087      |
| 31      | MEC1617116 | D.Y PATIL COLLEGE OF ENGINEERING, AKURDI D.Y. PATIL COLLEGE OF ENGINEERING, SECTOR NO 29, NIGDI PADHIKARAN, AKURDI, PUNE-411044              | TEAM ENIGMA                       | SMART WATER DISTRIBUTION AND LEAKAGE DETECTION SYSTEM  | Pune        | Pune      | Shrikant takale     | <a href="mailto:Shrikant.Takale@asia.mesp.com">Shrikant.Takale@asia.mesp.com</a>         | 9730717693      |
| 32      | MEC1617119 | CHANDUBHAI S. PATEL INSTITUTE OF TECHNOLOGY CHARUSAT CAMPUS, OFF NADIAD-PETLAD HIGHWAY 139, CHANGA, DIST. ANAND, GUJARAT (INDIA)-388421      | AUTOVOLTZ                         | INTELLI-GRID: Intelligent Generation, Transmission & Distribution  | Anand       | Ahmedabad | Sapan Thakker       | <a href="mailto:Sapan.Thakker@asia.mesp.com">Sapan.Thakker@asia.mesp.com</a>             | 8905196961      |
| 33      | MEC1617122 | SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING SHEGAON AT. POST SHEGAON TQ. SHEGAON DIST. BULDHANA PIN. -444203                            | E-IGNITORS                        | IOT BASED APP CONTROL OBJECT SORTING SYSTEM  | Shegaon     | Pune      | Muttuappa Lalagundi | <a href="mailto:Muttuappa.Lalagundi@asia.mesp.com">Muttuappa.Lalagundi@asia.mesp.com</a> | 8446492838      |
| 34      | MEC1617125 | VIT University Chennai Campus VIT University Chennai Campus, Vandalur Kelambakkam Road, Chennai - 600 127                                    | Nakshatra                         | Waste Separator and winding machine  | Chennai     | Chennai   | P Prashanth         | <a href="mailto:P.Prashanth@asia.mesp.com">P.Prashanth@asia.mesp.com</a>                 | 9585005105,     |
| 35      | MEC1617126 | CHH. SHAHU COLLEGE OF ENGINEERING, Kanchanwadi, Palthan Road, Aurangabad, (MS), India 431 002  | CHH. SHAHU COLLEGE OF ENGINEERING | AUTOMATION FOR THE PROCESS OF PAPER BAG MANUFACTURING SYSTEM USING PLC                                   | Aurangabad  | Pune      | Shrikant takale     | <a href="mailto:Shrikant.Takale@asia.mesp.com">Shrikant.Takale@asia.mesp.com</a>         | 9730717693      |



## Acknowledgement/Receipt

Dear Team,

As per your requirement for project we are sending you below Mitsubishi FA hardware as mentioned below.

| Sr. No. | Product            | Description          | QTY | MEI SIDE | Participants Side |
|---------|--------------------|----------------------|-----|----------|-------------------|
| 1       | FX5U-32MT/ES       | PLC base unit        | 1   | OK       |                   |
| 2       | GS2107-WTBD        | HMI                  | 1   | OK       |                   |
| 3       | FR-D720S-025-EC    | INVERTER             | 1   | -        |                   |
| 4       | MR-JE-20A          | SERVO AMPLIFIER      | 1   | -        |                   |
| 5       | HF-KN23            | AC Servo Motor       | 1   | -        |                   |
| 6       | MR-J3ENCBL2M-A2-L  | Encoder Cable        | 1   | -        |                   |
| 7       | MR-PWS2CBL03M-A2-L | Power Cable          | 1   |          |                   |
| 8       | MR-TB50            | Terminal Block       | 1   | -        |                   |
| 9       | MR-J2M-CN1TBL05M   | Terminal Block Cable | 1   | -        |                   |
| 10      | MCB (6A & 16A)     | Set of 2 MCBs        | 1   | OK       |                   |

### Terms & Conditions:

- 1] Above material send for ME Cup 2016 purpose only.
- 2] Acknowledgement receipt should reach us on or before **30<sup>th</sup> Oct 2016**
- 2] Damage of material is responsibility of individual team.
- 3] Kindly notify any transport damages immediately to ME Cup Team.
- 4] After completion of ME Cup material has to return by 31<sup>st</sup> March, 2017 to Mitsubishi Electric India, Pune in a packaging condition as received.
- 5] In case if any extension is required; send us your request with this acknowledgement.

Kindly check material from your end and send us acknowledgement receipt duly signed and sealed from college/institute

For Mitsubishi Electric India Pvt Ltd,

Authorised Signatory

**Dr. J. JAYA, M Tech Ph D**

For Akshaya College Of Engineering and Technology

Authorised Signatory

**Dr. J. JAYA, M Tech Ph.D**  
PRINCIPAL

Akshaya College of Engineering and Technology  
Kinathukadavu, Coimbatore-642 109





ME Cup 2016

ME Cup 2017

ME Cup 2018

ME Cup 2019

## Winners of 2nd Mitsubishi Electric Cup 2017

| Rank | Registration No. | Team Name       | Name of College  | Team Leader          | Title of Model  | Title Winner              |
|------|------------------|-----------------|--|----------------------|---|---------------------------|
| 1    | MEC1617059       | TEAM INNOVATORS | AJAY KUMAR GARG<br>ENGINEERING COLLEGE,<br>GHAZIABAD - 201009                              | MR.APOORV<br>SAXENA  | AUTOMATED INVENTORY<br>MANAGEMENT SYSTEM                                      | GOLD CUP<br>WINNER        |
| 2    | MEC1617045       | CON-SOL-E       | INSTITUTE OF TECHNOLOGY,<br>NIRMA<br>UNIVERSITY,AHMEDABAD-382481                           | MR.SHUBHAM VAID      | SMART E-SORTER  | SILVER CUP<br>WINNER      |
| 3    | MEC1617002       | THE INNOVATORS  | ISTC, CENTRAL SCIENTIFIC<br>INSTRUMENTS<br>ORGANISATION,CHANDIGARH                         | MR.DILPREET<br>SINGH | SMART CITY- A BETTER<br>WAY TO LEAD LIFE                                      | BRONZE CUP<br>WINNER      |
| 4    | MEC1617119       | AUTOVOLTZ       | CHANDUBHAI S. PATEL<br>INSTITUTE OF TECHNOLOGY<br>CHARUSAT<br>CAMPUS,GUJARAT(INDIA)-388421 | MR.YASH<br>DESHMUKH  | INTELLI-GRID:<br>INTELLIGENT<br>GENERATION,<br>TRANSMISSION &<br>DISTRIBUTION | MOST POULAR<br>TEAM AWARD |

| Rank | Registration No. | Team Name | Name of College  | Team Leader         | Title of Model  | Title Winner            |
|------|------------------|-----------|--|---------------------|---|-------------------------|
| 1    | MEC1617058       | NVIDAA    | COLLEGE OF ENGINEERING,<br>PUNE,411005   | MR.NAMAN SATIYA     | SMART 'WATER AUDIT'   | APPRECIATION<br>PRIZE 1 |
| 2    | MEC1617119       | AUTOVOLTZ | CHANDUBHAI S. PATEL<br>INSTITUTE OF TECHNOLOGY<br>CHARUSAT<br>CAMPUS,GUJARAT(INDIA)-388421 | MR.YASH<br>DESHMUKH | INTELLI-GRID:<br>INTELLIGENT<br>GENERATION,<br>TRANSMISSION &<br>DISTRIBUTION | APPRECIATION<br>PRIZE   |
| 3    | MEC1617018       | DIGIMINDS | G. H. RAISONI COLLEGE OF<br>ENGINEERING AND<br>MANAGEMENT, PUNE 412207                     | MR.YASH KUDALE      | DURABLE SUBSURFACE<br>DRIP IRRIGATION SYSTEM                                  | APPRECIATION<br>PRIZE 3 |



11/11/2017

## Mitsubishi Electric Cup - National Level Automation Competition for Students

| Rank | Registration No. | Team Name              | Name of College   | Team Leader                          | Title of Model   | Title Winner             |
|------|------------------|------------------------|---|--------------------------------------|--|--------------------------|
| 4    | MEC1617047       | AGROPONIX              | FACULTY OF TECHNOLOGY<br>DHARMSINH DESAI<br>UNIVERSITY,NADIAD-387001                  | MR.PARTH D.<br>MAKADIYA              | DESIGN AND<br>DEVELOPMENT OF SOLAR<br>POWERED,SMART<br>HYDROPONIC,INDUSTRIAL<br>GREENHOUSE                 | APPRECIATION<br>PRIZE 4  |
| 5    | MEC1617078       | WORKER BEES            | DR.MAHALINGAM COLLEGE OF<br>ENGINEERING AND<br>TECHNOLOGY,<br>COIMBATORE(DIST).642003 | MR.SHREE<br>HARIKARA SUDHAN          | SMART CONVEYOR 4.0   | APPRECIATION<br>PRIZE 5  |
| 6    | MEC1617068       | HAMBOTS                | CVR COLLEGE OF<br>ENGINEERING,VASTUNAGAR,<br>TELANGANA-501510                         | MR.SINGAM<br>HARSHA VARDHAN<br>REDDY | VIRTUALLY TRANSCRIBED<br>AND RESTRAINED<br>ROBOTIC SYSTEM (V-<br>TARRS)                                    | APPRECIATION<br>PRIZE 6  |
| 7    | MEC1617019       | Team Verdient 1        | DEOGIRI INSTITUTE OF<br>ENGINEERING AND<br>MANAGEMENT<br>STUDIES,AURANGABAD,431005    | MR.SAURABH S.<br>KELKAR              | FOREST MAKER   | APPRECIATION<br>PRIZE 7  |
| 8    | MEC1617065       | TEAM<br>CONTROLLERS    | COLLEGE OF ENGINEERING,<br>PUNE-411005  | MR.KIRAN P.<br>PHALKE                | AUTOMATIC WAREHOUSE<br>MANAGEMENT SYSTEM   | APPRECIATION<br>PRIZE 8  |
| 9    | MEC1617116       | TEAM ENIGMA            | D.Y PATIL COLLEGE OF<br>ENGINEERING ,AKURDI ,PUNE-<br>411044                          | MR.SAMADHAN<br>PATIL                 | SMART WATER<br>DISTRIBUTION AND<br>LEAKAGE DETECTION<br>SYSTEM   | APPRECIATION<br>PRIZE 9  |
| 10   | MEC1617052       | ROBOTTECH<br>AUTHORITY | GULZAR GROUP OF<br>INSTITUTES,PUNJAB,141401   | MR.MITUSH KUMAR                      | SMART ENERGY<br>LIGHTNING SYSTEM   | APPRECIATION<br>PRIZE 10 |
| 11   | MEC1617087       | DSCE EIE<br>Team-1     | DAYANANDA SAGAR COLLEGE<br>OF ENGINEERING, BANGALORE-<br>560078                       | MR.SOURABH<br>SHETTY                 | AUTOMATIC GARBAGE<br>SEGREGATOR AND<br>RESOURCE UTILIZATION<br>USING PLC                                   | APPRECIATION<br>PRIZE 11 |
| 12   | MEC1617075       | SQUAD SQUAR            | MAHARASHTRA INSTITUTE OF<br>TECHNOLOGY,PUNE -411038                                   | MR.KRISHNA<br>HUNDEKARI              | IOT BASED AUTOMATED<br>FEEDBACK SYSTEM WITH<br>INLINE MULTI-CHECKING<br>INSPECTION FOR<br>FORGING INDUSTRY | APPRECIATION<br>PRIZE 12 |
| 13   | MEC1617062       | ACETEEEE001            | AKSHAYA COLLEGE OF<br>ENGINEERING AND<br>TECHNOLOGY,TAMILNADU-<br>642109              | MR.CHINRAJ.K                         | SOLAR OPERATED PLC<br>BASED AUTOMATED<br>IRRIGATION SYSTEM WITH<br>FAULT PREVENTER                         | APPRECIATION<br>PRIZE 13 |
| 14   | MEC1617070       | TECH<br>KNOCKERS       | R.M.K.ENGINEERING COLLEGE,<br>CHENNAI-601207  | MR.MAHALAKSHMI.C                     | INTELLIGENT SECURED<br>GARAGE FOR SMART<br>BUILDINGS   | APPRECIATION<br>PRIZE 14 |
| 15   | MECC1617080      | MSRIT                  | M.S. RAMAIAH INSTITUTE OF<br>TECHNOLOGY,BANGALURU                                     | MR.AKSHAI N                          | IOT BASED IRRIGATION<br>AUTOMATION SYSTEM  | APPRECIATION<br>PRIZE 15 |



**Mitsubishi Electric Cup**  
Collaborate. Innovate. Excel.

17-18 FEB, 2017

## CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

Mr. Dhilip Kumar

in recognition of **Participation** at **Mitsubishi Electric Cup 2017**,  
National Level Automation Competition.



**Makoto Kitai**  
Managing Director  
Mitsubishi Electric India Pvt. Ltd.

**Dr. J. JAYA**, M Tech Ph D  
PRINCIPAL

**Akshaya College of Engineering and Technology**  
Kinathukadavu, Coimbatore - 642 109  
[in.MitsubishiElectric.com](http://in.MitsubishiElectric.com)

**Makoto Yokoyama**  
Director and Division Manager - FAID  
Mitsubishi Electric India Pvt. Ltd.



<sup>2nd</sup> **Mitsubishi Electric Cup**  
Collaborate. Innovate. Excel.

17-18 FEB, 2017

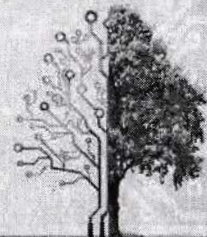
## CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

*Mr. Sabari Krishnan D.*

in recognition of **Participation at Mitsubishi Electric Cup 2017,**

National Level Automation Competition.



**Makoto Kitai**  
Managing Director  
Mitsubishi Electric India Pvt. Ltd.

**Dr. J. JAYA, M Tech Ph D**  
**PRINCIPAL**  
Akshaya College of Engineering and Technology  
Kinathukadavu, Coimbatore - 642 109

**Makoto Yokoyama**  
Director and Division Manager - FAID  
Mitsubishi Electric India Pvt. Ltd.

[in.MitsubishiElectric.com](http://in.MitsubishiElectric.com)



<sup>2nd</sup> **Mitsubishi Electric Cup**  
Collaborate. Innovate. Excel.

17-18 FEB, 2017

## CERTIFICATE OF APPRECIATION

This certificate is proudly presented to

ACETEEE001

in recognition of their **Commendable Performance** at **Mitsubishi Electric Cup 2017**,  
National Level Automation Competition.

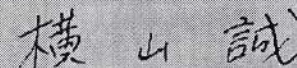


**Makoto Kitai**  
Managing Director  
Mitsubishi Electric India Pvt. Ltd.



**Dr. J. JAYA**, M.Tech Ph.D  
PRINCIPAL  
Akshaya College of Engineering and Technology  
Kinathukadavu, Coimbatore - 642 109

in.MitsubishiElectric.com



**Makoto Yokoyama**  
Director and Division Manager - FAID  
Mitsubishi Electric India Pvt. Ltd.



<sup>2nd</sup> **Mitsubishi Electric Cup**  
Collaborate. Innovate. Excel.

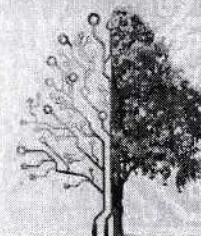
17-18 FEB, 2017

## CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

*Mr. Karthic Raja S.*

in recognition of **Participation at Mitsubishi Electric Cup 2017,**  
National Level Automation Competition.



A handwritten signature in black ink, appearing to be 'NQ' or similar.

**Makoto Kitai**  
Managing Director  
Mitsubishi Electric India Pvt. Ltd.

A handwritten signature in blue ink, appearing to be 'JJ' or similar.

**Dr. J. JAYA**, M Tech Ph D  
PRINCIPAL  
Akshaya College of Engineering and Technology  
Kinathukadavu, Coimbatore - 642 109

横山 誠

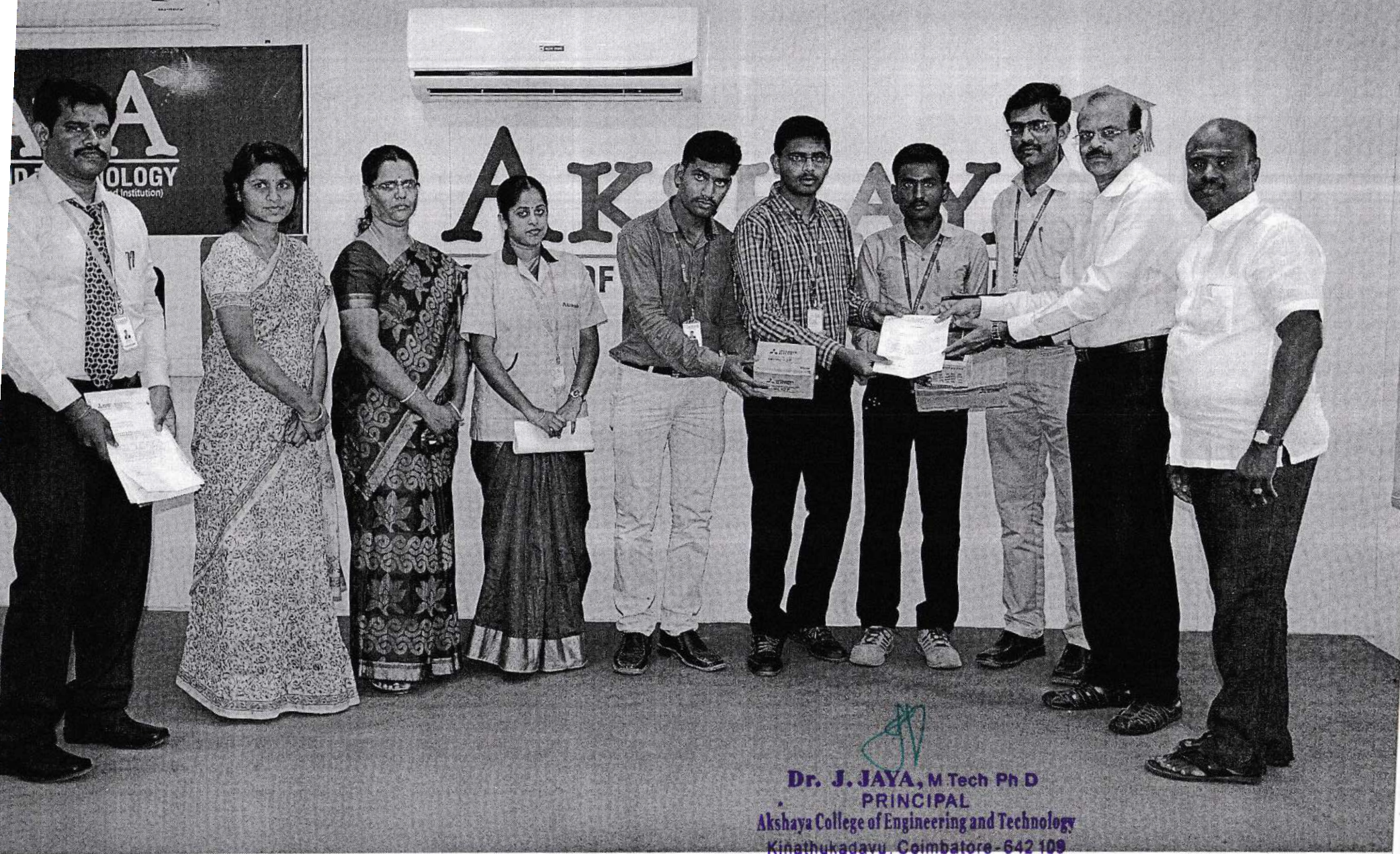
**Makoto Yokoyama**  
Director and Division Manager - FAID  
Mitsubishi Electric India Pvt. Ltd.

[in.MitsubishiElectric.com](http://in.MitsubishiElectric.com)









**Dr. J. JAYA, M.Tech Ph.D**  
**PRINCIPAL**  
Akshaya College of Engineering and Technology  
Kinathukadavu, Coimbatore-642 109





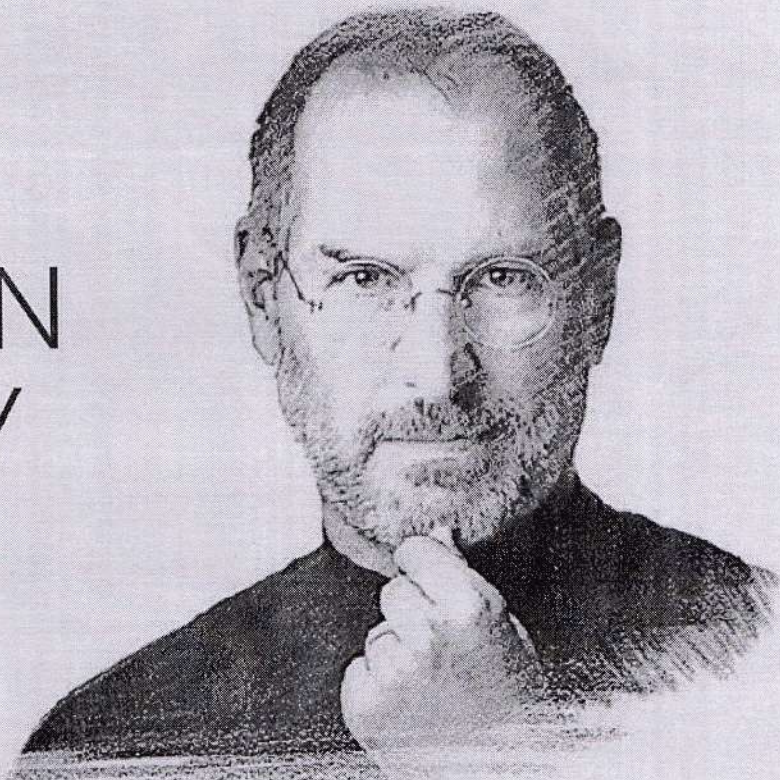
  
**Dr. J. JAYA, M Tech Ph D**  
**PRINCIPAL**  
**Alkshaya College of Engineering and Technology**  
**Kinathukadavu, Coimbatore - 642 109**



# **Automatic Irrigation System using PLC with Fault Preventor**



# “INNOVATION IS THE ONLY WAY TO WIN



## ICTACT Student Innovator Award 2016

Nominations are invited for ICTACT Student innovator Award 2016. This award aims to encourage, recognize and reward the students of Engineering and Arts & Science for their ideas and innovation in Science and Technology.

### Who can Apply?

- › The Competition is open for full time students enrolled under UG and PG Courses across india in the below said Streams.
- › A college shall nominate maximum of three projects from the below said streams.
- › The team can have an individual to a **maximum of 5 members**

### How to Apply?

- › Nominate yourself for an award by applying through online on or before **04 June 2016**
- › Last date to send the project documents in brief on or before **04 June 2016** to **awards@ictact.in**.
- › Please note that only soft copy accepted

### Categories

- › IT & Computer Science
- › Electrical & Electronics
- › Civil & Architecture
- › Mechanical & Automobile

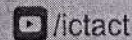
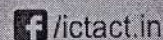
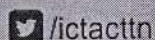
Nominate @  
**[www.ictact.in/awards](http://www.ictact.in/awards)**



ICTACT STUDENT  
**INNOVATOR**  
AWARD 2016

For further details contact

**+91-44- 4290 6800 | [awards@ictact.in](mailto:awards@ictact.in)**





# C E R T I F I C A T E O F R E C O G N I T I O N

## ICTACT STUDENT INNOVATOR AWARD 2016

C.No : SIA/2016-579

Date : 22 / Jun / 2016

Presented to

**KARTHIC RAJA S**

**AKSHAYA COLLEGE OF ENGINEERING AND TECHNOLOGY, COIMBATORE**

for Achieving **WINNER** in **ICTACT STUDENT INNOVATOR AWARD 2016**

for the project titled

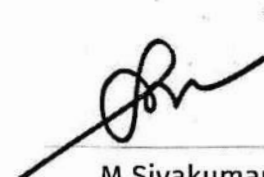
**Automatic Irrigation System using PLC With Fault Preventer**

under the category Electrical & Electronics.



Member of  
Organizing Committee

An initiative by



M Sivakumar  
Chief Executive Officer



CTACT

innovate... Collaborate... Educate...

ICTACT STUDENT  
**INNOVATOR**  
AWARD 2016

# ICTACT STUDENT INNOVATOR AWARD 2016

Winner of the Category - Electrical & Electronics

TEN THOUSAND RUPEES ONLY

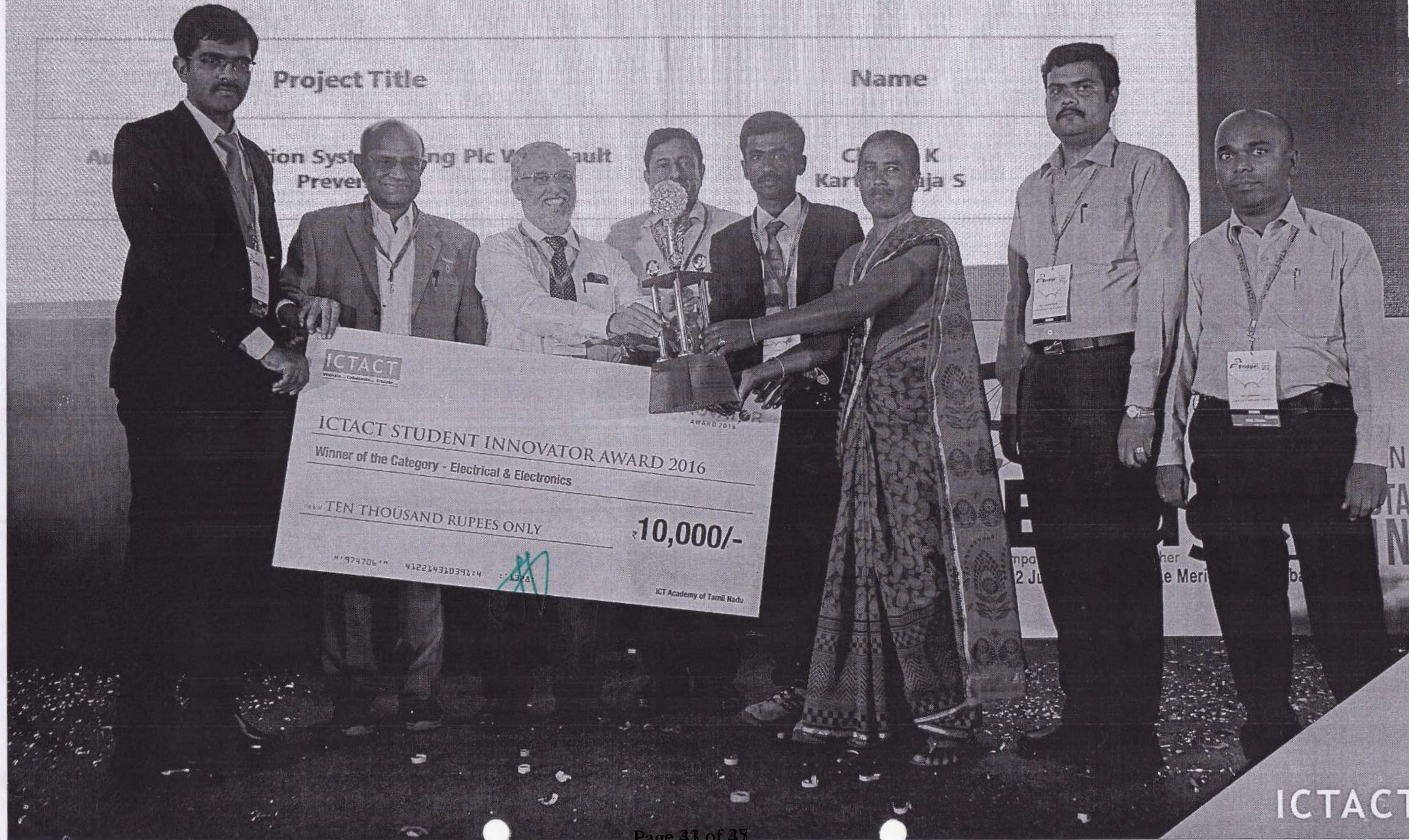
₹ **10,000/-**

\*19797061\* 912219310391:4 :1325:

ICT Academy of Tamil Nadu



# Akshaya College Of Engineering And Technology, Coimbatore





# **Proficient system for effective production agriculture era using sensors and wireless technology**

14 OCT 2016

# The Institution of Engineers (India)

AN ISO 9001 : 2008 CERTIFIED ORGANISATION  
(ESTABLISHED 1920, INCORPORATED BY ROYAL CHARTER 1935)  
8 GOKHALE ROAD, KOLKATA-700 020



|                |  |
|----------------|--|
| Chairman       |  |
| Trustee        |  |
| Director       |  |
| Joint Director |  |
| Principal      |  |

*"96 Years of Relentless Journey towards  
Engineering Advancement for Nation-building"*

Date: 06 October 2016

Ref: R.4/2/UG/16-17/UG2017021

Principal/ Director  
Akshaya College Of Engineering And Technology  
Coimbatore, Tamil Nadu 642109

Dear Sir/ Madam,

REF: PROJECT I.D. UG2017021

**Sub:** Release of IEI Grant for R&D Project entitled: "PROFICIENT SYSTEM FOR EFFECTIVE PRODUCTION IN AGRICULTURE ERA USING SENSORS AND WIRELESS TECHNOLOGY"

This has reference to our email regarding sanction of R&D Grant of IEI for the subject project. Kindly note, that Project ID no. **UG2017021** has been assigned to your project. Please note that all your future correspondence should bear that ID.

As informed, enclosed please find herewith a cheque no. **674038** dated **9/29/2016** for Rs. **20,000/-** in favour of **THE PRINCIPAL AKSHAYA COLLEGE OF ENGINEERING AND TECHNOLOGY**, drawn on **Axis Bank Ltd.**, Kolkata payable at par at all its branches in India as grant for the R&D project as mentioned above.

Please note that the Terms & Conditions of the Grant (Copy enclosed) should be strictly followed. On successful completion of the project, the following documents are to be furnished: (1) Soft copy of the Project Report, (2) Soft copy of the Project Completion Report, (3) Hardcopies of the Utilization Certificates in duplicate and (4) Soft copy of the filled-in R&D Compendium pro-forma. The submission will be treated as successful and complete only on receipt of the above documents.

Kindly acknowledge receipt of the cheque at the email id [research@ieindia.org](mailto:research@ieindia.org).

Thanking you.

Yours faithfully,

*(Signature)*  
(N Sengupta)

Director (Technical)

For Secretary &amp; Director General

Encl: (i) Cheque (ii) Terms &amp; Conditions

Cc: Guide  
Dr Jaya Jayabalan



PAY THE PRINCIPAL AKSHAYA COLLEGE OF ENGINEERING AND TECHNOLOGY

OR BEAVER / या धारक को

RUPEES Twenty Thousand Only

रुपये

अदा करें

₹ \*\*20,000.00\*\*

A/C NO. 005010100002704

SBGOS 00516

NOT OVER \*\*\*Rs.20,000\*\*\*

For THE INSTITUTION OF ENGINEERS (INDIA)

A/C PAYEE

*[Signature]*

Authorised Signatory(ies)

Please sign above

674038

Payable at par at all branches of Axis Bank Ltd in India.

⑈674038⑈ 700211002⑈ 005161⑈ 31



DR. J. JAYA  
RE. IN CHARGE



DR. J. JAYA  
RE. IN CHARGE



DR. J. JAYA  
RE. IN CHARGE

**PROFICIENT SYSTEM FOR EFFECTIVE  
PRODUCTION IN AGRICULTURE CAN USING  
SENSORS AND WIRELESS TECHNOLOGY**

*has been selected for the grant of ₹ 20,000/-  
by The Institution Of Engineers (India)  
under R&D Grant-in-aid Scheme*

on October 2016

*[Signature]* 27/11/20

Dr. J. JAYA, M.Tech., Ph.D.  
PRINCIPAL

Akshaya College of Engineering And Technology  
Kinathukadavu, Coimbatore-642 109