



# VIMAL JYOTHI ENGINEERING COLLEGE

JYOTHI NAGAR, CHEMPERI – 670632, KANNUR, KERALA

Affiliated to APJ Abdul Kalam Technological University, Approved by AICTE  
ISO 9001: 2015 Certified | Accredited by Institution of Engineers (India), NBA, NAAC  
Ph: 0490 2212240, 2213399 Email: office@vjec.ac.in Website: www.vjec.ac.in

NAAC Cycle 2

Criterion: 3.4.3

**3.4.3**Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year wise during the last five years.

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NAAC Cycle 2

Criterion: 3.4.3

## CHARITY PILGRIMS ACTIVITY REPORTS

(JULY 2018- JULY 2019)

### 1.Charity pilgrim 2019

### EVENT PROPOSAL FORM

|   |                              |  |
|---|------------------------------|--|
| 1 | <b>Event type and Name</b>   | Charity Pilgrims 2019  |
| 2 | <b>Date and time</b>         | 21/01/2019, 10.00 AM to 4.00 PM  |
| 3 | <b>Participants/audience</b> | VJEC 1 <sup>ST</sup> Year students   |
| 4 | <b>Venue</b>                 | Karunalayam Alakkode, Thirurakthashramam Alakkode  |
| 5 | <b>Objectives</b>            | To inspire others to get involved in charitable efforts and to spread a message of hope, kindness, and generosity through the act of pilgrimage. |
| 6 | <b>Expected outcomes</b>     | Increased awareness and understanding of the cause or charity being supported among participants and the broader community                       |
| 7 | <b>Connect ed POs/PS Os</b>  | PO6, PO12  |
| 9 | <b>Responsible Person</b>    | Mr. Jomy Jose associative professor department of ASH,<br>Mr. Shijith Thomas, assistant professor Department of ASH                              |

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**CHEMPERI - 670632**





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Criterion: 3.4.3

## CHARITY PILGRIM

Vimal Jyothi is having the custom of conducting a community oriented programme right from the year 2007 named CHARITY PILGRIM. The ultimate aim behind the event is to inculcate sharing mind among upcoming engineers towards the socially, mentally & physically challenged people lives around our society. This programme is conducting every year in the month of December, as it is the month of pilgrimages to the Holy places to all people in Kerala belongs to various religions. Every year we used to visit the following places along with our first year BTech students accompanied by their Class tutors, HODs, Teachers representatives & Management representatives with rice and required grocery items for their daily food. Also we extend our one day physical service to the place where we visit.

| CHARITY PILGRIM 2018-19 conducted on 21/01/2019 |         |   |                    |                               |
|---|---------|---|--------------------|-------------------------------|
| SL NO   | BATCH   | PLACE TO VISIT                                    | ACCOMPANYING STAFF | CONTACT NO FOR CURRESPONDANCE |
| 1   | S1 EEE  | Karunapuram, Alakkode p.o,Karuvanchal Via, kerala | HODs,Tutors        | 04602270203                   |
| 2   | S1 AEI  | Thiruraktha Asram Karuvanchal P.O, Kerala         | HODs,Tutors        | BABY - 9447663566             |
| 3   | S1 CE-A | Pattuvam po, thalipparamba, kerala                | HODs,Tutors        | 8281144210                    |
| 4   | S1 CE-B | LSDP Vilamana,Ulikkal P.O,Iritty, Kerala          | HODs,Tutors        | Providance Home -9961462935   |
| 5   | S1 ME-A | Mariya bhavan Kolayaadu, Peravoor PO,Kerala       | HODs,Tutors        | 04902302315, 9847361858       |
| 6   | S1 ME-B | Theressa Bhavan, Vembua, Payyavoor p.o,Kerala     | HODs,Tutors        | Br. Saji- 9447935189          |
| 7   | S1 ECE  | mythri bhavan, velimanam, Edoor P.O               | HODs,Tutors        | George- 9745999447            |
| 8   | S1 CSE  | Mariyabhavan, Peravoor P.O,Kerala                 | HODs,Tutors        | Johny -9947564543             |



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Karunalayam visit by Vimal Jyothi students (21/01/2019)



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NAAC Cycle 2

Criterion: 3.4.3

## NSS ACTIVITY REPORTS

(JULY 2018-JUNE 2019)

### 2. RENOVATION OF SCHOOL BUILDING

#### EVENT PROPOSAL FORM

|   |                              |   |
|---|------------------------------|---|
| 1 | <b>Event type and Name</b>   | RENOVATION OF SCHOOL BUILDING   |
| 2 | <b>Date and time</b>         | 22/12/2018, 23/12/2018 , 10.00 AM to 1.00 PM  |
| 3 | <b>Participants/audience</b> | NSS students  |
| 4 | <b>Venue</b>                 | Arikamala GUP School College Campus   |
| 5 | <b>Objectives</b>            | Enhance the overall infrastructure of the school by renovating or repairing the building. This includes addressing structural issues, improving safety features, and ensuring that the facilities meet the required standard                            |
| 6 | <b>Expected outcomes</b>     | Ensure that the school building is accessible to all students, including those with disabilities. Implement modifications that comply with accessibility standards, making it easier for all students to navigate and participate in school activities. |
| 7 | <b>Connect ed POs/PS Os</b>  | PO2, PO6, PO10  |
| 9 | <b>Responsible Person</b>    | Mr. Vasudevan and Mrs.. Jerin Yomas   |



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NAAC Cycle 2

Criterion: 3.4.3

## **Workshop Report: Renovation of Arikamala GUP School College Building**

**Date:** December 22-23, 2018

**Venue:** Arikamala GUP School College Campus

**Organized by:** National Service Scheme (NSS) Students

### **Introduction:**

The two-day workshop on the renovation of Arikamala GUP School College building was successfully conducted on December 22nd and 23rd, 2018. The event was organized by the dedicated NSS students of the institution, under the efficient coordination of Mr. Vasudevan and Mr. Jerin Thomas.

**Coordinators:** Mr. Vasudevan and Mr. Jerin Thomas

### **Conclusion:**

The Two-Day Workshop on the renovation of Arikamala GUP School College building proved to be a remarkable success. The combined efforts of NSS students, coordinated by Mr. Vasudevan and Mr. Jerin Thomas, not only improved the physical infrastructure of the school but also created a lasting bond within the community. This initiative not only contributed to the enhancement of the educational environment but also instilled a sense of responsibility and civic duty among the participants.

We express our sincere gratitude to all the volunteers, coordinators, and participants who made this workshop a meaningful and impactful event.



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NAAC Cycle 2

Criterion: 3.4.3



Renovation of GUPS school cheriya arikkamala (December 22nd and 23rd, 2018)



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NAAC Cycle 2

Criterion: 3.4.3



Renovation of GUPS school cheriya arikkamala(December 22nd and 23rd, 2018)





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NAAC Cycle 2

Criterion: 3.4.3

### 3. NADAKAKALARI

#### EVENT PROPOSAL FORM

|   |                              |  |
|---|------------------------------|--|
| 1 | <b>Event type and Name</b>   | NADAKAKALARI   |
| 2 | <b>Date and time</b>         | 23/12/2018 1.00 PM to 3.00 PM  |
| 3 | <b>Participants/audience</b> | NSS students   |
| 4 | <b>Venue</b>                 | Nadakakalari Workshop at Arikakamala Government Upper Primary School   |
| 5 | <b>Objectives</b>            | It appears that "nadaka Kalari" refers to a type of traditional martial art from Kerala, India. It is commonly known as Kalaripayattu. It involves various techniques of physical exercises, combat training, and self-defense. Let me know if you have any specific questions about Kalaripayattu |
| 6 | <b>Expected outcomes</b>     | The primary objective of the workshop was to introduce students to the ancient art of Nadakakalari, emphasizing its cultural significance and the importance of physical fitness. The workshop aimed to instill discipline, focus, and respect for traditional forms of martial arts.              |
| 7 | <b>Connect ed POs/PS Os</b>  | PO2, PO6, PO10   |
| 9 | <b>Responsible Person</b>    | Mr. Vasudevan M assistant professor department of ASH principal<br>Mrs. Jerin Yomas assistant professor department of EC   |



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NAAC Cycle 2

Criterion: 3.4.3

## Workshop Report: Nadakakalari Workshop at Arikakamala Government Upper Primary School

*Date: December 23, 2018*

**Introduction:** The Nadakakalari workshop organized by the NSS students at Arikakamala Government Upper Primary School was a one-day event aimed at promoting traditional Indian martial arts and fostering physical fitness among the participants. The event took place on December 23, 2018, and was a collaborative effort of NSS volunteers and experts in Nadakakalari.

**Objective:** The primary objective of the workshop was to introduce students to the ancient art of Nadakakalari, emphasizing its cultural significance and the importance of physical fitness. The workshop aimed to instil discipline, focus, and respect for traditional forms of martial arts.



Nadakakalari at GUPS school cheriya arikkamala by NSS volunteers (23 December 2018)



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NAAC Cycle 2

Criterion: 3.4.3



Nadakakalari at GUPS school cheriya arikkamala by NSS volunteers (23 December 2018)



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NAAC Cycle 2

Criterion: 3.4.3

## 4. WOMEN'S DAY CELEBRATION

### EVENT PROPOSAL FORM

|   |                              |  |
|---|------------------------------|--|
| 1 | <b>Event type and Name</b>   | WOMEN'S DAY CELEBRATION  |
| 2 | <b>Date and time</b>         | 08/03/2020, 3.00 PM to 5.30PM  |
| 3 | <b>Participants/audience</b> | NSS students   |
| 4 | <b>Venue</b>                 | The marathon started from chemperi town.   |
| 5 | <b>Objectives</b>            | International Women's Day is celebrated on March 8th every year to honor the achievements and contributions of women around the world. It is a day to recognize and celebrate the social, economic, cultural, and political achievements of women, as well as raise awareness about gender equality and women's rights.                  |
| 6 | <b>Expected outcomes</b>     | Expected outcomes typically include raising awareness about gender equality, celebrating the achievements of women, promoting women's rights, and advocating for gender parity in various aspects of society. It is also a time to reflect on the progress made towards gender equality and to highlight the challenges that still exist |
| 7 | <b>Connected POs/PSOs</b>    | PO2, PO6, PO10   |
| 9 | <b>Responsible Person</b>    | Mrs. Jancy Joseph physical education<br>Rev. Fr. Thomas Melvattam.   |



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NAAC Cycle 2

Criterion: 3.4.3

To the empowerment

Date : 8-03-2020

Title : RUN FOR NINE

NSS VJEC girl volunteers in association with JCI chemperi conducted marathon for women. The marathon was started from chemperi town. The programme was inaugurated by Mrs. Paulin Thomas, ward member Eruvessi panjayath. The felicitation address was given by Mrs. Jancy Joseph and Rev. Fr. Thomas Melvattam.



Womens day celebration by nss (: 8-03-2020



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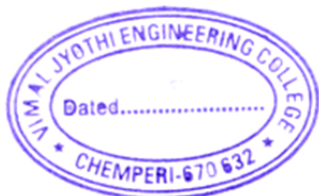
NAAC Cycle 2

Criterion: 3.4.3

## 5.TOWN CLEANING

### EVENT PROPOSAL FORM

|   |                              |   |
|---|------------------------------|---|
| 1 | <b>Event type and Name</b>   | TOWN CLEANING   |
| 2 | <b>Date and time</b>         | 03/01/20219 10.00AM to 12.00 PM   |
| 3 | <b>Participants/audience</b> | NSS students  |
| 4 | <b>Venue</b>                 | Pulikurumba   |
| 5 | <b>Objectives</b>            | Town cleaning initiatives typically involve organizing community efforts to clean up public spaces such as parks, streets, and other communal areas. The expected outcomes of town cleaning activities include creating a cleaner and more pleasant environment for residents, reducing litter and pollution, fostering a sense of community pride and ownership, and promoting environmental sustainability. |
| 6 | <b>Expected outcomes</b>     | Expected outcomes of town cleaning efforts are to create a cleaner, healthier, and more sustainable town for everyone to enjoy. If you are interested in organizing or participating in town cleaning activities, I can provide you with resources and support to help you achieve these outcomes   |
| 7 | <b>Connect ed POs/PS Os</b>  | PO2, PO6, PO10  |
| 9 | <b>Responsible Person</b>    | Mr. Vasudevan M assistant professor department of ASH<br>Mrs. Jerin Yomas assistant professor department of EC  |



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NAAC Cycle 2

Criterion: 3.4.3

## Report on Town Cleaning Campaign by NSS Students in Pulikurumba

Date: January 3, 2019

**Introduction:** The NSS (National Service Scheme) students, under the coordination of Mr. Vasudevan and Ms. Jancy Joseph, undertook a significant town cleaning campaign in Pulikurumba on January 3, 2019. This initiative aimed to contribute towards Swachh Bharat Abhiyan, emphasizing the importance of cleanliness, hygiene, and community participation.

### Objectives:

1. To create awareness about the significance of maintaining a clean and hygienic environment.
2. To actively involve NSS students in community service and instil a sense of responsibility towards the community.
3. To contribute to the broader national goal of Swachh Bharat Abhiyan.



Arikkamala town cleaning by NSS volunteers (January 3, 2019)



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NAAC Cycle 2

Criterion: 3.4.3

## IEEE ACTIVITY REPORTS

(JULY 2018-JUNE 2019)

### 6. DIGITAL LITERACY PROGRAM FOR WOMEN

#### EVENT PROPOSAL FORM

|   |   |  |
|---|---|--|
| 1 | <b>Event type and Name</b>              | DIGITAL LITERACY PROGRAM FOR WOMEN   |
| 2 | <b>Date and time</b>                    | 09/01/20219, 10.00 AM to 2.00PM  |
| 3 | <b>Participants/audience</b>            | IEEE students  |
| 4 | <b>Venue</b>                            | VJEC auditorium  |
| 5 | <b>Objectives</b>                       | Empowerment<br>Employment opportunities<br>Financial independence<br>Social inclusion<br>Personal development  |
| 6 | <b>Expected outcomes</b>                | <ol style="list-style-type: none"><li>1. Increased access to technology</li><li>2. Improved digital skills</li><li>3. Enhanced job opportunities:</li><li>4. Social connectivity</li></ol> Overall, the expected outcomes of a digital literacy program for women aim to bridge the digital divide, empower women with essential skills, enhance their opportunities for personal and professional growth, and promote their active participation in the digital society |
| 7 | <b>Connecte<br/>d<br/>POs/PSO<br/>s</b> | PO2, PO6, PO10   |
| 9 | <b>Responsible Person</b>               | Mrs. Shelma George Assistant Professor , Department of EEE<br>Mr. Prabhin James Assistant Professor, Department of EEE   |

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Criterion: 3.4.3

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**CHEMPERI - 670632**

**Date : 9<sup>TH</sup> JANUARY 2019**

**Title : DIGITAL LITERACY PROGRAM FOR WOMEN**

**Description:** The IEEE IAS VJEC SB in association with PELS SB VJEC conducted a DIGITAL LITERACY PROGRAM FOR WOMEN. The program began by 10 am. A digital literacy for women of Kudumbasree, Eruvessi were given an opportunity to learn about the basics of computer and mobile phones. For this the selected volunteers were called and they gave them a practical session on how to use the computers. They were very much interested to know more about computers, phones and its uses. We received a positive feedback from the from the Kudumbasree workers. We taught them how to open the computers and learn how to access its features. The awareness class also included net banking, KSEB bill payment through online process etc. We also gave them an idea on how to operate mobile phone and on how they can go for videos in YouTube .All were very much supportive and the volunteers cooperated well. This session gave us a motivation to conduct more programs of this kind which would encourage them and we all had a great time being with them. The session was very well organized and cooperated by all. They were enlightened and happy with the session. The session came to an end by 2:00pm.

There were 29 volunteers and 35 participants from Kudumbashree.



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NAAC Cycle 2

Criterion: 3.4.3

## 7. IoT WORKSHOP

### EVENT PROPOSAL FORM

|   |                              |  |
|---|------------------------------|--|
| 1 | <b>Event type and Name</b>   | IoT WORKSHOP   |
| 2 | <b>Date and time</b>         | 23/01/20219  |
| 3 | <b>Participants/audience</b> | IEEE VJEC students   |
| 4 | <b>Venue</b>                 | VJEC campus  |
| 5 | <b>Objectives</b>            | Participants will gain a solid understanding of what IoT is, how it works, and its applications in various industries                        |
| 6 | <b>Expected outcomes</b>     | <ol style="list-style-type: none"><li>1. Understanding of IoT concepts</li><li>2. Hands-on experience</li><li>3. Skill development</li></ol> |
| 7 | <b>Connect ed POs/PS Os</b>  | PO2, PO6, PO10   |
| 9 | <b>Responsible Person</b>    | Mrs. Shelma George Assistant Professor , Department of EEE<br>Mr. Prabhin James Assistant Professor, Department of EEE                       |

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Criterion: 3.4.3

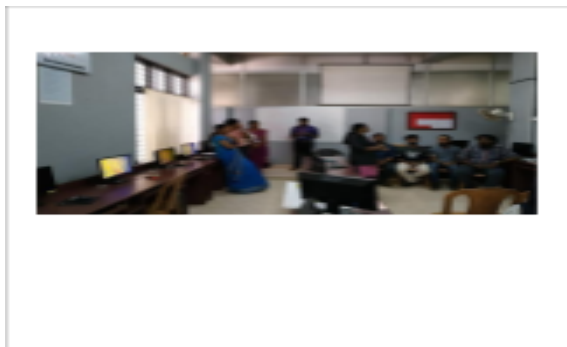
**Date :** 23<sup>RD</sup> JANUARY 2019

**Title :** IoT WORKSHOP

**Description:** The students were split up into 5 groups and each group was provided with an innovative project. Activities and tasks were provided to each group and the students were made to picturize and prototype their projects.

Introduction to aurdino and hands on training session was there. Students worked with variety of sensors namely LED, ultrasonic sensor, potentiometer, PIR sensor, IR sensors etc. Then there was a training session of esp8266 and MIT app inventor

### PHOTO GALLERY:



Introduction to aurdino and hands on training (23<sup>RD</sup> JANUARY 2019)



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NAAC Cycle 2

Criterion: 3.4.3

## 8. SPECTRUM TALK

### EVENT PROPOSAL FORM

|   |                              |  |
|---|------------------------------|--|
| 1 | <b>Event type and Name</b>   | SPECTRUM TALK  |
| 2 | <b>Date and time</b>         | 01/02/20219  |
| 3 | <b>Participants/audience</b> | IEEE students  |
| 4 | <b>Venue</b>                 | EEE CLASS ROOM   |
| 5 | <b>Objectives</b>            | Provide guidance on building a successful career, including tips on resume building, interview preparation, and other professional development aspects. This helps students transition smoothly from academia to the professional world. |
| 6 | <b>Expected outcomes</b>     | Foster an inclusive environment and promote diversity within the technology community. Address topics related to equity, diversity, and inclusion in STEM fields.  |
| 7 | <b>Connect ed POs/PS Os</b>  | PO1, PO6, PO12   |
| 9 | <b>Responsible Person</b>    | Mrs. Shelma George Assistant Professor , Department of EEE<br>Mr. Prabhin James Assistant Professor , Department of EEE  |



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Criterion: 3.4.3

**Date : 1<sup>st</sup> FEBRUARY 2019**

**Title : SPECTRUM TALK**

**Description:** Spectrum Talk was conducted in association with IAS VJEC SB. A technical talk was given by Ms. Shabreena M of S3 EEE on the topic '5G'. Interactive slides made session much more effective. There were about 20 students and had cooperated with the coordinators

#### PHOTO GALLERY:



Spectrum talk (1<sup>st</sup> FEBRUARY 2019)



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NAAC Cycle 2

Criterion: 3.4.3

## 9. WOMEN IN TECHNOLOGY

### EVENT PROPOSAL FORM

|   |                              |   |
|---|------------------------------|---|
| 1 | <b>Event type and Name</b>   | WOMEN IN TECHNOLOGY   |
| 2 | <b>Date and time</b>         | 11/02/2019  |
| 3 | <b>Participants/audience</b> | IEEE SB VJEC students   |
| 4 | <b>Venue</b>                 | BOARD ROOM  |
| 5 | <b>Objectives</b>            | Women in technology play a crucial role in shaping the future of the industry. They bring diverse perspectives and innovative ideas to the table, helping to drive progress and create more inclusive technologies. It's important to support and empower women in technology to ensure a more balanced and representative workforce. |
| 6 | <b>Expected outcomes</b>     | Encourage and support the increased representation of women in technology fields. This involves creating an inclusive environment that welcomes individuals of all backgrounds, experiences, and perspectives.  |
| 7 | <b>Connected POs/PSOs</b>    | PO1, PO6, PO12  |
| 9 | <b>Responsible Person</b>    | Mrs. Shelma George Assistant Professor , Department of EEE<br>H.O.D. EEE<br>Mr. Prabhin James Assistant Professor , Department of EEE   |



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NAAC Cycle 2

Criterion: 3.4.3

**Date :** 11<sup>TH</sup> FEBRUARY 2019

**Title :** WOMEN IN TECHNOLOGY

**Description:** The program was conducted on 11<sup>th</sup> February 2019. The program began by a welcome speech by the IEEE WIE Secretary VJEC, Ms. V.V Pooja Raj. This was followed by a seminar by the IEEE WIE Vice Chair VJEC; Ms. Shabreena M regarding women in technology. A quiz competition was organized for the students by IEEE WIE SB VJEC. The quiz contained questions which checked the general knowledge of students. Program was held in the Varikattu Hall of the college from 4:30PM to 5:30 PM

## PHOTO GALLERY:



Women in technology conducted by IEEE students( 11<sup>TH</sup> FEBRUARY 2019)



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NAAC Cycle 2

Criterion: 3.4.3

## 10. DISTINGUISHED LECTURER PROGRAM

### EVENT PROPOSAL FORM

|   |                              |   |
|---|------------------------------|---|
| 1 | <b>Event type and Name</b>   | DISTINGUISHED LECTURER PROGRAM  |
| 2 | <b>Date and time</b>         | 26/02/2019 , 9.30 AM  |
| 3 | <b>Participants/audience</b> | IEEE SB VJEC students   |
| 4 | <b>Venue</b>                 | VARIKKATTU HALL   |
| 5 | <b>Objectives</b>            | The Distinguished Lecturer Program is a prestigious program that invites experts in a particular field to deliver lectures at various institutions or events. It is a way to showcase the knowledge and expertise of renowned professionals to benefit and inspire others in the community. |
| 6 | <b>Expected outcomes</b>     | Promotion of excellence<br>Inspiration<br>Enhanced reputation<br>Knowledge exchange   |
| 7 | <b>Connected POs/PSOs</b>    | PO2, PO6, PO10  |
| 9 | <b>Responsible Person</b>    | Mrs. Shelma George Assistant Professor , Department of EEE<br>Mr. Prabhin James Assistant Professor , Department of EEE   |



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NAAC Cycle 2

Criterion: 3.4.3

**Date : 26<sup>TH</sup> FEBRUARY 2019**

**Title : DISTINGUISHED LECTURER PROGRAM**

**Description:** The event started by the registration for events at 08:30 am in the morning. The program was started by the Inaugural Ceremony at 9:30 am..The code of ethics was delivered by Mr.Joel Mammen George, chair IEEE PELS SBC VJEC. The welcome address was by Mrs. Laly James(IEEE SB VJEC Branch Counsellor, VSAC Malabar Hub & HOD,EEE Department).The presidential address was delivered by Rev. Fr. Dr Thomas melvattathu, Chairman VJEC Group of institution. The Chief Guest for the session was Dr.Vassilios G Agelidis Professor Denmark University. The function was inaugurated by lighting the ceremonial lamp. The felicitation address was given by Jinu Vdakkemulanjinal, Administrator, VJ Group of institutions which was followed by Sebastian Puthanpuraikkal, PRO Vimal Jyothi engineering college. And finally the vote of thanks was delivered by Mr.Prabin James, Staff advisor IEEE PELS SBC VJEC. The next session was handled by Dr.Vassilios G Algedis, Professor technical university of Denmark. He started his DLP Based on the topic "Large-Scale Solar PV Electricity Grid Integration: Technologies, Issues, Market Integration and Impact". He taught about importance of solar power plant, implementation and also the basics of solar panels and their working. The three main points or 3 important factors we need to follow in our life is 'Networking', 'Ask questions', and 'never give up'. So throughout the talk he motivates us ask questions session was truly good and helpful. Also he explains the IEEE PELS society advantages to all students. After the DLP talk he visits the 50 KW solar plant in Vimal Jyothi engineering college.

#### PHOTO GALLERY:





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NAAC Cycle 2

Criterion: 3.4.3



Lecture programme by IEEE students (26<sup>TH</sup> FEBRUARY 2019)



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NAAC Cycle 2

Criterion: 3.4.3

## 11. RAPID PROTOTYPING WORKSHOP

### EVENT PROPOSAL FORM

|   |                              |  |
|---|------------------------------|--|
| 1 | <b>Event type and Name</b>   | RAPID PROTOTYPING WORKSHOP   |
| 2 | <b>Date and time</b>         | 27/02/2019   |
| 3 | <b>Participants/audience</b> | IEEE SB VJEC students  |
| 4 | <b>Venue</b>                 | EEE SOFTWARE LAB   |
| 5 | <b>Objectives</b>            | Facilitate the creation of supportive communities and networks where women in technology can connect, share experiences, and mentor each other. Building strong networks helps women navigate challenges and build successful careers.         |
| 6 | <b>Expected outcomes</b>     | Work to eliminate unconscious biases that may exist in hiring processes, workplace cultures, and professional interactions. This involves raising awareness, providing training, and implementing policies that promote fairness and equality. |
| 7 | <b>Connected POs/PSOs</b>    | PO2, PO6, PO10   |
| 9 | <b>Responsible Person</b>    | Mrs. Shelma George Assistant Professor , Department of EEE<br>Mr. Prabhin James Assistant Professor , Department of EEE  |



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NAAC Cycle 2

Criterion: 3.4.3

**Date :** 27<sup>TH</sup> FEBRUARY 2019

**Title :** RAPID PROTOTYPING WORKSHOP

**Description:** Rapid prototyping workshops were conducted for students under IEEE IAS. The students were split up into 6 groups and each group was told to think about an innovative project. Activities and tasks were provided to each group and the students were made to picturize their projects. Each team was given an interesting task and they were told to market their product .It focuses mainly on students' creativity and presentation skills and also to develop students' communication. It was an interactive session. Introduction to aurdino and hands on training session was there. Students worked with variety of sensors namely LED, ultrasonic sensor, potentiometer, PIR sensor, IR sensors etc. Then there was a training session of esp8266 and MIT app inventor.

## PHOTO GALLERY:



Rapid phototyping by IEEE students (27<sup>TH</sup> FEBUARY 2019)



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NAAC Cycle 2

Criterion: 3.4.3

## 12.GENERAL SCIENCE QUIZ

### EVENT PROPOSAL FORM

|   |                              |   |
|---|------------------------------|---|
| 1 | <b>Event type and Name</b>   | GENERAL SCIENCE QUIZ  |
| 2 | <b>Date and time</b>         | 28/02/2019 , 12.15 pm to 12.45 pm   |
| 3 | <b>Participants/audience</b> | IEEE students   |
| 4 | <b>Venue</b>                 | VARIKATTU HALL  |
| 5 | <b>Objectives</b>            | Promote educational content related to technology, engineering, and science through quiz questions and challenges   |
| 6 | <b>Expected outcomes</b>     | 1.Create a platform for participants to learn and explore new topics in a fun and interactive way.<br>2.Increase awareness about IEEE and its activities among students and the wider community |
| 7 | <b>Connect ed POs/PS Os</b>  | PO2, PO6, PO10  |
| 9 | <b>Responsible Person</b>    | Mrs. Shelma George Assistant Professor , Department of EEE<br>Mr. Prabhin James Assistant Professor , Department of EEE   |



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NAAC Cycle 2

Criterion: 3.4.3

**Date : 28<sup>TH</sup> FEBRUARY 2019**

**Title : GENERAL SCIENCE QUIZ**

**Description:** A Quiz competition was conducted by IAS VJEC SB in association with Go Green Club on Science day. The event was conducted at the Varikattu Hall and lasted for half an hour from 12.15 pm to 12.45 pm. There were about 50 participants from different departments. The coordinators organized the events smoothly and was well cooperated by the participants.

### PHOTO GALLERY:



Science quiz by IEEE students (28<sup>TH</sup> FEBRUARY 2019)



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NAAC Cycle 2

Criterion: 3.4.3

## 13.SCIENCE AND ENGINEERING QUOTE CHALLENGE

### EVENT PROPOSAL FORM

|   |                              |   |
|---|------------------------------|---|
| 1 | <b>Event type and Name</b>   | SCIENCE AND ENGINEERING QUOTE CHALLENGE   |
| 2 | <b>Date and time</b>         | 28/02/2019 , 12.15 pm   |
| 3 | <b>Participants/audience</b> | IEEE students   |
| 4 | <b>Venue</b>                 | ELECTRICAL LAB  |
| 5 | <b>Objectives</b>            | Explore opportunities for skill development based on the insights gained from the event                                 |
| 6 | <b>Expected outcomes</b>     | Encourage students to set new goals or pursue specific areas of interest sparked by their participation in the IEEE     |
| 7 | <b>Connect ed POs/PS Os</b>  | PO2, PO6, PO10  |
| 9 | <b>Responsible Person</b>    | Mrs. Shelma George Assistant Professor , Department of EEE<br>Mr. Prabhin James Assistant Professor , Department of EEE |



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NAAC Cycle 2

Criterion: 3.4.3

**Date : 28<sup>TH</sup> FEBRUARY 2019**

**Title :SCIENCE AND ENGINEERING QUOTE CHALLENGE**

**Description:** A quote challenge was conducted in association with IEEE SB VJEC. The program began by 12.15 pm at EEE Software lab. There were about 50 participants from different departments. The topic was Science and Engineering and the participants were asked to prepare quotes on the spot. The coordinators organized the events smoothly and was well cooperated by the participants. The program came to end by 12.45 pm.

**PHOTO GALLERY:**



Science and engineering quote challenge by IEEE students. ( 28<sup>TH</sup> FEBRUARY 2019)





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NAAC Cycle 2

Criterion: 3.4.3

## 14.SCI- FI MOVIE REVIEW CONTEST

### EVENT PROPOSAL FORM

|   |                              |   |
|---|------------------------------|---|
| 1 | <b>Event type and Name</b>   | SCI- FI MOVIE REVIEW CONTEST  |
| 2 | <b>Date and time</b>         | 28 <sup>TH</sup> FEBRUARY 2019 ,4.15pm to 5.15pm  |
| 3 | <b>Participants/audience</b> | IEEE students   |
| 4 | <b>Venue</b>                 | S4 EEE CLASS ROOM   |
| 5 | <b>Objectives</b>            | Promote educational content related to technology, engineering, and science through quiz questions and challenges.      |
| 6 | <b>Expected outcomes</b>     | Create a platform for participants to learn and explore new topics in a fun and interactive way.                        |
| 7 | <b>Connected POs/PSOs</b>    | PO2, PO6, PO10  |
| 9 | <b>Responsible Person</b>    | Mrs. Shelma George Assistant Professor , Department of EEE<br>Mr. Prabhin James Assistant Professor , Department of EEE |



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NAAC Cycle 2

Criterion: 3.4.3

**Date : 28<sup>TH</sup> FEBRUARY 2019**

**Title : SCI- FI MOVIE REVIEW CONTEST**

**Description:** On 28th February 2019 the IEEE volunteers were shown a short film “Perfectly Natural” by Victor Alonso-Berbel as a part of Science Day Celebrations. It lasted for one hour from 4.15 pm to 5.15 pm. After the movie presentation the students were told to write a review of the movie. There were about 30 participants. The program was organized under the guidance of Ms.Lipina Gopal.

### **PHOTO GALLERY:**



Movie review contest by IEEE students ( **28<sup>TH</sup> FEBRUARY 2019**)



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NAAC Cycle 2

Criterion: 3.4.3

## 15. PERIODIC TABLE CONTEST

### EVENT PROPOSAL FORM

|   |                              |  |
|---|------------------------------|--|
| 1 | <b>Event type and Name</b>   | PERIODIC TABLE CONTEST   |
| 2 | <b>Date and time</b>         | 2 <sup>nd</sup> MARCH2019, 12.15 PM  |
| 3 | <b>Participants/audience</b> | IEEE students  |
| 4 | <b>Venue</b>                 | EEE SOFTWARE LAB   |
| 5 | <b>Objectives</b>            | Emphasize the importance of ethical conduct in engineering and technology fields. Discuss ethical dilemmas, responsible research practices, and the role of engineers in addressing societal challenges. |
| 6 | <b>Expected outcomes</b>     | Foster an inclusive environment and promote diversity within the technology community. Address topics related to equity, diversity, and inclusion in STEM fields.  |
| 7 | <b>Connect ed POs/PS Os</b>  | PO2, PO6, PO10   |
| 9 | <b>Responsible Person</b>    | Mrs. Shelma George Assistant Professor , Department of EEE<br>Mr. Prabhin James Assistant Professor , Department of EEE  |



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NAAC Cycle 2

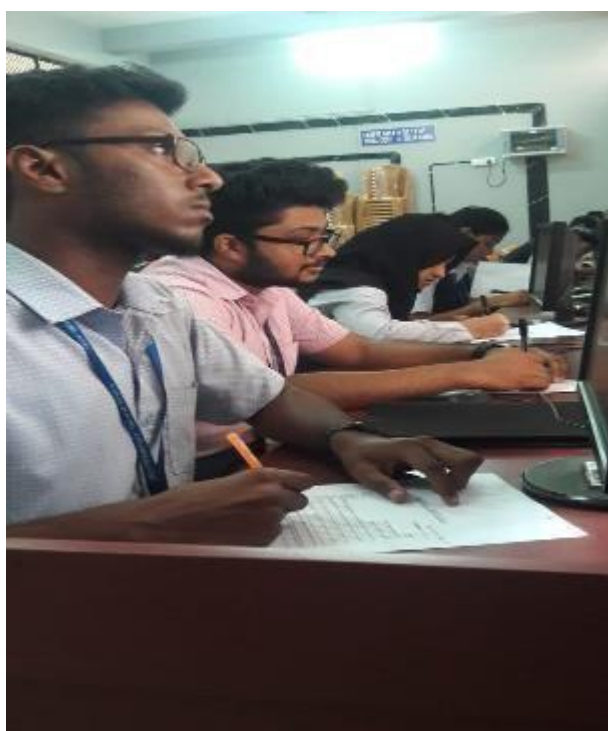
Criterion: 3.4.3

**Date : 2<sup>nd</sup> MARCH 2019**

**Title : PERIODIC TABLE CONTEST**

**DESCRIPTION:** The IEEE IAS SB VJEC conducted 'Science day' Celebrations for February 28th to March 2nd d 2019. On March 1st the volunteers conducted a Periodic Table Filling Contest. Program began by 12.15 pm at EEE Software Lab. There were about 2 participants from different departments. The significance of this event is that 2019 is a Year o Periodic Table.

### **PHOTO GALLERY:**



Science day celebration by IEEE students (2<sup>nd</sup> MARCH 2019)



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NAAC Cycle 2

Criterion: 3.4.3

## 16. A LOOKBACK AT SCIENCE AT SCHOOL

### EVENT PROPOSAL FORM

|   |                              |   |
|---|------------------------------|---|
| 1 | <b>Event type and Name</b>   | A LOOKBACK AT SCIENCE AT SCHOOL   |
| 2 | <b>Date and time</b>         | 1 <sup>st</sup> March2019   |
| 3 | <b>Participants/audience</b> | IEEE students   |
| 4 | <b>Venue</b>                 | EEE SOFTWARE LAB  |
| 5 | <b>Objectives</b>            | Increase awareness about IEEE and its activities among students and the wider community                                 |
| 6 | <b>Expected outcomes</b>     | Inspiration<br>Knowledge exchange   |
| 7 | <b>Connect ed POs/PS Os</b>  | PO2, PO6, PO10  |
| 9 | <b>Responsible Person</b>    | Mrs. Shelma George Assistant Professor , Department of EEE<br>Mr. Prabhin James Assistant Professor , Department of EEE |



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NAAC Cycle 2

Criterion: 3.4.3

**Date: 1<sup>st</sup> March 2019**

**Description:** The IEEE IAS SBC VJEC conducted 'Science day' Celebrations from February 28th to March 2nd 2019. On 1st March 2019 the volunteers conducted a Ppt Presentation. Several videos and talks were presented related to Science Laws and Experiments. The event was conducted at the software lab and lasted up to 5.00 pm.

## **PHOTOGRAPHY:**



Science day celebration by IEEE students.( 1<sup>st</sup> March 2019)



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NAAC Cycle 2

Criterion: 3.4.3

## 17. POSTER CREATION CONTEST

### EVENT PROPOSAL FORM

|   |                       |   |
|---|-----------------------|---|
| 1 | Event type and Name   | POSTER CREATION CONTESTES   |
| 2 | Date and time         | 6 <sup>TH</sup> MARCH 2019  |
| 3 | Participants/audience | IEEE students   |
| 4 | Venue                 | S6 EEE CLASS ROOM   |
| 5 | Objectives            | Understand how academic research can be applied in an industrial context.   |
| 6 | Expected outcomes     | .Increase awareness about IEEE and its activities among students and the wider community                                |
| 7 | Connected POs/PSOs    | PO2, PO6, PO10  |
| 9 | Responsible Person    | Mrs. Shelma George Assistant Professor , Department of EEE<br>Mr. Prabhin James Assistant Professor , Department of EEE |



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**VIMAL JYOTHI ENGINEERING COLLEGE**  
**CHEMPERI - 670632**



# VIMAL JYOTHI ENGINEERING COLLEGE

JYOTHI NAGAR, CHEMPERI – 670632, KANNUR, KERALA

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NAAC Cycle 2

Criterion: 3.4.3

**Date** :6<sup>TH</sup> MARCH 2019

**Title** :POSTER CREATION CONTEST

**Description:** The call for posters based on the topic “Future dimension of women in technology” was released on 6th March 2019. Lot of entries filled the mail id of the SB. The winner of the contest is Akshay Rajan of S6 ME.

### PHOTO GALLERY:







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NAAC Cycle 2

Criterion: 3.4.3

## 18.LOGO QUIZ COMPETITION

### EVENT PROPOSAL FORM

|   |                              |   |
|---|------------------------------|---|
| 1 | <b>Event type and Name</b>   | LOGO QUIZ COMPETITION   |
| 2 | <b>Date and time</b>         | 7 <sup>th</sup> MARCH 2019, 12.15 PM TO 12.45 PM  |
| 3 | <b>Participants/audience</b> | IEE SB VJEC students  |
| 4 | <b>Venue</b>                 | EEE SOFTWARE LAB  |
| 5 | <b>Objectives</b>            | Encourage research and innovation by showcasing recent advancements, ongoing projects, and opportunities for students to get involved in research activities. This can inspire and motivate students to contribute to the scientific community. |
| 6 | <b>Expected outcomes</b>     | Inspiration<br>Knowledge exchange   |
| 7 | <b>Connect ed POs/PS Os</b>  | PO2, PO6, PO10  |
| 9 | <b>Responsible Person</b>    | Mrs. Shelma George Assistant Professor , Department of EEE<br>Mr. Prabhin James Assistant Professor , Department of EEE   |



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NAAC Cycle 2

Criterion: 3.4.3

**Date : 7<sup>th</sup> MARCH 2019**

**TITLE : LOGO QUIZ COMPETITION**

**DESCRIPTION:** A logo quiz competition was organised as a part of Women's day celebration by IEEE SB VJEC WIE in association with IEEE IAS SBC VJEC AG week on March 7th 2019. The program was conducted at 12:15 pm in software lab .There were about 20 participants from different department. Logos was shown and the students were made to identify and write it on a paper .The coordinators organized the event smoothly and were well cooperated by participants' .The competition was a grand success and came to end by 12:40 pm. The winner of the competition was Sajin Janardhanan of S8 AEI.

**PHOTOGRAPHY:**



Logo quiz competition by IEEE STUDENTS ( 7<sup>th</sup> MARCH 2019)



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NAAC Cycle 2

Criterion: 3.4.3

## 19. DEBATE COMPETITION

### EVENT PROPOSAL FORM

|   |                              |   |
|---|------------------------------|---|
| 1 | <b>Event type and Name</b>   | DEBATE COMPETITION  |
| 2 | <b>Date and time</b>         | 7 <sup>th</sup> MARCH 2019, 4.15 PM   |
| 3 | <b>Participants/audience</b> | IEEE SB VJEC students   |
| 4 | <b>Venue</b>                 | S8 EEE CLASS ROOM   |
| 5 | <b>Objectives</b>            | Foster critical thinking skills among participants by engaging them in debates on relevant and challenging topics within the field of technology, engineering, and related areas.                   |
| 6 | <b>Expected outcomes</b>     | courage participants to conduct in-depth research on the debate topics, promoting a thorough understanding of current issues, technological advancements, or ethical considerations in their field. |
| 7 | <b>Connected POs/PS Os</b>   | PO2, PO6, PO10  |
| 9 | <b>Responsible Person</b>    | Mrs. Shelma George Assistant Professor , Department of EEE<br>Mr. Prabhin James Assistant Professor , Department of EEE   |



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NAAC Cycle 2

Criterion: 3.4.3

**Date : 7<sup>th</sup> MARCH 2019**

**Title : DEBATE COMPETITION**

**Description:** A debate competition was organized as a part of Women's day celebration by IEEE SB VJEC WIE in association with IEEE IAS SBC VJEC AG week on March 7th from S8 EEE .The program began by 4:15pm. There were about 25 participants from different department. The topic was "Technology changes the life style and living space". The coordinators organized the event smoothly and was well cooperated by the participants. All of them shared their ideas and it went smoothly. There was active participation from both for and against team. The competition was a grand success and came to end by 5:15 with boys team as the winner .The best speaker was Nikhil Baby of S6 EEE.

## PHOTOGRAPHY:



Women's day celebration by IEEE students ( : 7<sup>th</sup> MARCH 2019)



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NAAC Cycle 2

Criterion: 3.4.3

## 20. WOMEN'S DAY MOTIVATION TALK

### EVENT PROPOSAL FORM

|   |                              |   |
|---|------------------------------|---|
| 1 | <b>Event type and Name</b>   | WOMEN'S DAY MOTIVATION TALK   |
| 2 | <b>Date and time</b>         | 8 th MARCH 2019, 3.00 PM  |
| 3 | <b>Participants/audience</b> | IEEE SB VJEC students   |
| 4 | <b>Venue</b>                 | VARIKKATTU HALL   |
| 5 | <b>Objectives</b>            | Women in technology play a crucial role in shaping the future of the industry. They bring diverse perspectives and innovative ideas to the table, helping to drive progress and create more inclusive technologies. It's important to support and empower women in technology to ensure a more balanced and representative workforce. |
| 6 | <b>Expected outcomes</b>     | Encourage and support the increased representation of women in technology fields. This involves creating an inclusive environment that welcomes individuals of all backgrounds, experiences, and perspectives.  |
| 7 | <b>Connect ed POs/PS Os</b>  | PO1, PO6, PO12  |
| 9 | <b>Responsible Person</b>    | Mrs. Shelma George Assistant Professor , Department of EEE<br>H.O.D. EEE<br>Mr. Prabhin James Assistant Professor , Department of EEE   |



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NAAC Cycle 2

Criterion: 3.4.3

Date: 8 th MARCH 2019

DESCRIPTION : IEEE SB VJEC WIE in association with IEEE IAS SBC VJEC celebrated women's day on 8th march 2019. Mrs.Suraja Nair, executive engineer at Kerala water authority was the chief guest for the occasion. The program began at 3pm at Varikkattu hall with a prayer by Ms.Joysa S Janan. The welcome address was given Mrs .Laly James. Followed by a speech which was given by chairman of VJEC Rev. Fr. Dr. ThomasMelvattath. Inauguration was done by lighting the lamp by people present on the dais and the student coordinators and it was followed by a welcome speech and thereafter an inspirational talk by Mrs.Suraja Nair. She inspired everyone by her motivational life story.Vote of thanks was given by WIE chair Ms. Swathi.

## PHOTOGRAPHY:



WOMEN'S DAY MOTIVATION TALK( : 8 th MARCH 2019)



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NAAC Cycle 2

Criterion: 3.4.3

## 21. SCIENCE LAW PRESENTATION CONTEST

### EVENT PROPOSAL FORM

|   |                              |   |
|---|------------------------------|---|
| 1 | <b>Event type and Name</b>   | SCIENCE LAW PRESENTATION CONTEST  |
| 2 | <b>Date and time</b>         | 11 <sup>TH</sup> MARCH 2019, 4.15 PM TO 4.45 PM   |
| 3 | <b>Participants/audience</b> | IEEE IAS SBC VJEC students  |
| 4 | <b>Venue</b>                 | S6 EEE CLASS ROOM   |
| 5 | <b>Objectives</b>            | <ul style="list-style-type: none"><li>Understand how academic research can be applied in an industrial context.</li></ul>   |
| 6 | <b>Expected outcomes</b>     | <ul style="list-style-type: none"><li>Create a platform for participants to learn and explore new topics in a fun and interactive way.</li><li>.Increase awareness about IEEE and its activities among students and the wider community</li></ul> |
| 7 | <b>Connect ed POs/PS Os</b>  | PO1, PO6, PO12  |
| 9 | <b>Responsible Person</b>    | V V Pooja Raj, Swathi M, Akhil T P, Aarcha Varadaraj ,Anuja Anil<br>Mr. Kiran S Nambiar   |

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NAAC Cycle 2

Criterion: 3.4.3

**Date: 11<sup>TH</sup> MARCH 2019**

**Description:** A Science Law Presentation Contest was conducted by IEEE SB VJEC in association with Science Day. The program was conducted at S8 EEE from 4.15 pm to 4:45 pm. Students from different departments actively participated in the presentation contest and presented in the most creative and innovative way. Participants were asked to choose any Science Law on their own choice and present it in the best possible way. The coordinators organized the events smoothly and was well cooperated by the participants.

## PHOTO GALLERY:



SCIENCE LAW PRESENTATION CONTEST(11<sup>TH</sup> MARCH 2019)





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NAAC Cycle 2

Criterion: 3.4.3

## 22.WIE EXPLORE ABOUT LESSER KNOWN APPS

### EVENT PROPOSAL FORM

|   |                              |   |
|---|------------------------------|---|
| 1 | <b>Event type and Name</b>   | WIE EXPLORE ABOUT LESSER KNOWN APPS   |
| 2 | <b>Date and time</b>         | 12 <sup>TH</sup> MARCH 2019, 4.10 PM  |
| 3 | <b>Participants/audience</b> | IEEE SB VJEC students   |
| 4 | <b>Venue</b>                 | EEE RESEARCH LAB  |
| 5 | <b>Objectives</b>            | Introduce participants to the diverse career opportunities available in the fields of data science and machine learning. Highlight the growing demand for professionals in these domains. |
| 6 | <b>Expected outcomes</b>     | Explore the wide range of application areas where data science and machine learning play a crucial role, such as finance, healthcare, marketing, and technology.                          |
| 7 | <b>Connect ed POs/PS Os</b>  | PO1, PO6, PO12  |
| 9 | <b>Responsible Person</b>    | Mrs. Shelma George Assistant Professor , Department of EEE<br><br>Mr. Prabhin James Assistant Professor , Department of EEE   |



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NAAC Cycle 2

Criterion: 3.4.3

Date:12<sup>TH</sup> MARCH 2019

## Description:

A talk was conducted by the Branch Counsellor of IEEE SB VJEC, Prof. Laly James on the need for electrification in transportation sector. The talk began by 4:10 pm on 13th March 2019 at EEE Research lab. Here she talked about sustainable transport and its applications in our environment. Sustainable transport systems make a positive contribution to the environmental, social and economic sustainability of the communities they serve. She also added fuel conservation in the field of electrification. Totally she gave awareness about electrification in the transportation sector.

## PHOTO GALLERY:



WIE EXPLORE ABOUT LESSER KNOWN APPS( Date:12<sup>TH</sup> MARCH 2019)



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NAAC Cycle 2

Criterion: 3.4.3

## 23. GLORY OF SB

### EVENT PROPOSAL FORM

|   |                              |   |
|---|------------------------------|---|
| 1 | <b>Event type and Name</b>   | GLORY OF SB   |
| 2 | <b>Date and time</b>         | 12 <sup>th</sup> March 2019, 5.00 PM  |
| 3 | <b>Participants/audience</b> | IEEE IAS SBC VJEC students  |
| 4 | <b>Venue</b>                 | VJEC CAMPUS   |
| 5 | <b>Objectives</b>            | <ul style="list-style-type: none"><li>Encourage students to showcase their unique strengths, experiences, and skills to create a distinctive professional identity.</li></ul> |
| 6 | <b>Expected outcomes</b>     | <ul style="list-style-type: none"><li>Help students understand how to highlight technical skills and accomplishments relevant to their chosen fields.</li></ul>               |
| 7 | <b>Connected POs/PSOs</b>    | PO1, PO6, PO12  |
| 9 | <b>Responsible Person</b>    | Mr. Kiran S Nambiar, Anuja Anil, VV Pooja Raj   |

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NAAC Cycle 2

Criterion: 3.4.3

## PRE SESSIONAL INITIATIVES

**Date:12<sup>th</sup> March 2019**

**Description:** In order to study about the achievements of the college and SB the IEEE IAS members of the SB were taken for a stroll around the college. The staff advisors explained about the solar PV system (50KW) and the rain water harvesting system in the college to students. The grid connected PV system and the rain water harvester serves as a source of renewable energy system. The session began by 05:00 pm and lasted for half an hour.

## **PHOTO GALLERY:**



GLORY OF SB(12<sup>th</sup> March 2019)



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NAAC Cycle 2

Criterion: 3.4.3



GLORY OF SB(12<sup>th</sup> March 2019)



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NAAC Cycle 2

Criterion: 3.4.3