# STUDENT ASSOCIATION ACTIVITIES

## 4.6 Professional Activities

Various professional activities for the students have been conducted at the college level and at the department level. Details are given in the subsequent sections.

## 4.6.1 Professional societies/chapters and organizing engineering events

The department has student association 'TARANG' and IEEE student branch. Under the banner of 'TARANG' and IEEE student branch various activities are organised. The placement cell of the college also holds activities every year for the professional and personal development of the students.

The details of the activities under IEEE student chapter are given in Table 4.10 (a) through Table 4.10 (c). The details of the events organized by student association are given in Table 4.11 (a) through Table 4.11 (c). The activities conducted by placement cell are given in Table 4.12 (a) through Table 4.12 (c).

Table 4.10 (a) List of events organised by IEEE student chapter for the academic year 2019-20

| Sl. No. | Event name | Resource person | Date | Participants |
|---------|-----------|-----------------|------|--------------|
| 1 | National Scince Day Celebration | Mr. Amol R.Kulkarni (RM, Infosys Hubballli) | 2-03-2019 | College level competition |
| 2 | Workshop on "Enhance your Career with IEEE" | Srikanth Chandrasekharan Director IEEE standards, IEEE India | 15-03-2019 | Registered participant college level |
| 3 | Nanotechnology and its case studies | Dr.RudraSwamy S B Associate Professor, ECE,SJCE Mysouru | 28-03-2019 | $4^{th}$ and $6^{th}$ sem students |

Table 4.10 (b) List of events organised by IEEE student chapter for the academic year 2020-21

| Sl. No. | Event name | Resource person | Date | Participants |
|---------|-----------|-----------------|------|--------------|
| 1 | BLUETOOTH- | Basavaraja Bellary | 12-12-2020 | $3^{rd}$ and $4^{th}$ year |

| | | | | |
|---|---|---|---|---|
| | WIRELESS TECHNOLOGY | (Tech manager, MindTree Pvt. Ltd) | | students |
| 2 | Introduction of VLSI using Cadence (First step towards VLSI) | 1.Mr. Shrinidhi Purohit (Desing Enginner Tessolve) 2. Pavitra B (Desing Enginner Tessolve) | 15-01-2021 | Final year ECE Students |
| 3 | " Opportunity and Skill sets required for VLSI industry" | Vaibhav Rajapurohit , Lead Engineer Sr at Qualcomm | 29-05-2021 | Open to all |

Table 4.10 (c) List of events organised by IEEE student chapter for the academic year 2021-22

| Sl. No. | Event name | Resource person | Date | Participants |
|---|---|---|---|---|
| 1 | Effective **Way of Crafting a Literature Review** | Dr. Raghavendra S., Assot. Prof. Dept. of CSE, SMVITM, Udupi, | 02-06-2021 | Open to all |
| 2 | " MEET The WiE Heroes" | Dr. Deepa shenoy, Dr. YVS Lakshmi, Dr. Sujatha, Dr. Annapurna P Patil, Ms.  Divya MG and Ms Sadhhana Attavar | 23-06-2021 | Open to all |

Table 4.11(a) List of events organised by student association for the academic year 2019-2020

| Sl. No. | Date | Details of the activity |
|---|---|---|
| 1 | 22-07-19 to 24-07-19 | Induction  Programme  for III semester organized by Tarang  from 22/07/19 to 24/07/19 |
| 2 | 27-08-19 | Talk on "Opportunities at Indian Institute of Technologies for III  and  V  semester By Prof.Devendra  Jalihal  IIT Madras |
| 3 | 03-08-2019 | Workshop on "Enhance your career with IEEE"  for III semester organized by Tarang in association with IEEE student chapter  (Saturday) at 1.30.PM in ECE seminar hall. |
| 4 | 24-08-2019 | Talk on "Recent trend in Electrical &Electronics" for all semesters by Er.Vinod.N |

| 5 | 12-09-2019 | Awareness Programme on Blood donation for all semesters is organized by Tarang in association with IEEE student chapter. |
|---|---|---|
| 6 | 13-9-2019 to 15-9-2019 | Three days workshop on "Lab VIEW" from 13th to 15th September 2019 by Vi Solutions Bangalore for V semester students |
| 7 | 23-09-2019 | Talk on "Transformer Testing and Indian Standards" for VII semester students by Er.Rangaraju.S |
| 8 | 25-09-2019 | Talk on "Power System Automation and Challenges" for VII semester students by Er.Girish.V Ph.D. |
| 9 | 29-10-2019 | Seminar on "Higher education in India and Abroad" 2019 for v semester by Hemanth Kumar Byju's- Career Labs |
| 10 | 29-10-2019 | Talk on " Automation and Robotics" for VII semester by Mr.R Venugopal VENJAY automation Bangalore |
| 11 | 19-10-2019 | Technical quiz organized by VII semester students for III semester |
| 12 | 01-0-/2020 | Group Discussion and Aptitude session for IV and VI semester students by VIII semester students |
| 13 | 0-02-2020 | A talk on "Industrial trench in Electrical Engineering" by Mr. Pankaj Inamdhar & Mr.Suresh for VI semester students |
| 14 | 08-02-2020 | Presentation on BARC visit and experience gained by Miss. Chandana and team for VI and IV semester students |
| 15 | 19-02-2020 | Industrial visit to Supa Power house Ganesh Gudi for VI semester Students |
| 16 | 29-02-2020 | Industrial visit to 220kV receiving station Bidnal, Hubballi for IV semester students. |
| 17 | 17-06-2020 | One day Webinar on Role of Aurdino in Real World application by Mr. Jagadish Sr.CRG Engineer Prolofic Systems Bangalore |
| 18 | 18-06-2020 | One day Webinar on SCADA System and Factory Data Collection by Mr. K Illanchezian Manager-Technical Prolofic Systems Bangalore |
| 19 | 19-06-2020 | One day Webinar on Recent Trends in Industrial Automation by Mr. K Illanchezian Manager-Technical Prolofic Systems Bangalore |
| 20 | 28-06-2020 To 30-06-2020 | Quiz Series i)Fundamentals of Electrical Engineering -1 ii) Fundamentals of Electrical Engineering -2 iii) Fundamentals of Electrical Engineering -3 |
| 21 | 01-07-2020 To | Quiz Series in Association with HESCOM Hubballi i) Electrical Basics for Professionals |

| | 05-07-2020 | ii) Renewable Energy Basics for Professionals iii)Electrical fundamentals and Power Systems |
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Table 4.11(b) List of events organised by student association for the academic year 2020-2021

| Sl. No. | Date | Details of the activity |
|---|---|---|
| 1 | 29-9-2020 to 3-10-2020 | Guest Lecture series for Second year students on Electrical Circuit Analysis |
| 2 | 2-10-2020 | A talk on Career Avenues in Electrical Engineering |
| 3 | 2-10-2020 | Essay competition on the eve of Gandhi Jayanthi |
| 4 | 3-10-2020 | Formal welcome, Introduction of faculty, Discussion on III to VIII sem scheme and syllabus. Scope for higher studies, Job opportunities, competitive exams (IES, IAS) |
| 5 | 8-10-2020 | Appreciation and Farewell to outgoing batch 2019-20 |
| 6 | 13-10-2020 | Best Out Going Boy And Best Out Going Girl Of The Department For The Year 2019-20 |
| 7 | 17-10-2020 to 19-10-2020 | Online C programming Quiz series |
| 8 | 17-10-2020 | A Technical Talk on Electrical Safety and Standards |
| 9 | 27-10-2020 | Basic MATLAB for Power system simulation Laboratory |
| | 10-11-2020 | LIVE & Exclusive Webinar on Profile Building for Higher Education & Placements |
| 10 | 28-11-2020 | Online Technical Quiz series on Basic Electrical and Electronics |
| 11 | 28-11-2020 | A Technical Talk Competition for the students of KLEIT. |
| 12 | 07-01-2021 | A student development program on Rural Electrification in India and Feasibility study of Solar Home System by Dr.G.D.Kamalapur, Professor, SDMCET, Dharwad. |
| 13 | 25-05-2021 to | Online Quiz series on Electrical Engineering Fundamentals |

| | 4-06-2021 | |
|---|---|---|
| 14 | 29-5-2021 | A talk by alumni on Soft skills required in IT sector by Ms. Pragati Chinnaya (ALUMNI) working in COGNIZANT, Bangalore. |
| 15 | 30-5-2021 | A talk by alumni on Role of Electrical Engineer from Diploma Background by Mr. Suhan Harihar (ALUMNI) working in Schneider Electrics |
| 16 | 02-06-2021 | A webinar on Effective way of Crafting a Literature Review by Dr.Raghavendra S.SMVITM, Udapi, Joint Secretory, IEEE MSS-2020 |
| 17 | 10-06-2021 | Video making competition |
| 18 | 09-07-2021 | A webinar on Energy sector and Scopes in R&D by Dr.G.L.Manjunath,Visiting Faculty, energy Institute,Bangalore |
| 19 | 10-07-2021 | Poster making competition on the eve of World Environment Day |
| 20 | 12-07-2021 | A webinar on Solar Energy and its Applications Mr.Mahesh V.S.Director, Sun Ray Solar Museum, Hubballi |
| 21 | 14-7-2021 | Webinar on "Solar Grid Tied System using WAVECT by Entuple Technologies, Bagaluru |

Table 4.11(c) List of events organised by student association for the academic year 2021-2022

| Sl. No. | Date | Details of the activity |
|---|---|---|
| 1 | 23-10-21 | Trouble shooting activity by Mr Vinod H./ Prakash K |
| 2 | 2310-2021 | Technical Poster presentation |
| 3 | 28-10-2021 | Parents Meeting |
| 4 | 29-10-2021 | Fresher's day and TARANG Students activities inauguration |
| 5 | 30-10-2021 | Talk on Carrier Avenues In Electrical Engg. By Mr Kumarswamy V |
| 6 | 30-10-2021 | Hands on Vedic Mathematics by Kirn Akki |
| 7 | 13-11-2011 | Talk on Applications of power Electronics in wind power generation by Er Veeresh Aoursung |
| 8 | 27-12-2021 | Mini Project Exhibition |
| 9 | 22-12-2021 | A talk on ELECTRICAL SEFETY electrical engineers in association with HESCOM jointly by REC Institute of Power Management and Training |
| 10 | 14-12-2021 | Industrial Visit to SUPA POWER HOUSE, Ganeshgudi, Dandeli |
| 11 | 28-12-2021 to 30-12-2021 | SDP on LABVIEW software by Vi Solutions Bangalore |

| 12 | 5-1-2022 | Online Quiz on C fundamentals | |
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Table 4.12 (a) List events organised by placement for the academic year 2019-2020

| Purpose | Event | Date of conduct | Resource faculty |
|---|---|---|---|
| Problem analysis, Team work, Life-long learning | VIKAS Program (Placement and training for 3$^{rd}$ sem) | 21-10-2019 to 24-10-2019 | Ms. Ragini Sharma and team, Innovations Unlimited, Bangalore |
| Problem analysis, Team work, Life-long learning | VIKAS Program (Placement and training for 4$^{th}$ and 6$^{th}$ sem) | 11-02-2019to 16- 02-2019 | Ms. Ragini Sharma and team, Innovations Unlimited, Bangalore |
| Problem analysis, Team work, Life-long learning | VIKAS Program (Placement and training for 4$^{th}$ sem | 24-04-2019 to 26-0-2019 | Ms. Ragini Sharma and team, Innovations Unlimited, Bangalore |
| Problem analysis, Team work, Life-long learning | VIKAS Program (Placement and training for 5$^{th}$ sem) | 25-10-2019 to 26-10-2019 | Ms. Ragini Sharma and team, Innovations Unlimited, Bangalore |
| Problem analysis, Team work, Life-long learning | VIKAS Program (Placement and training for 4$^{th}$ and 6$^{th}$ sem) | 24-02-2020 to 26-02-2020 | Ms. Ragini Sharma and team Innovations Unlimited, Bangalore |
| Problem analysis, Team work, Life-long learning | VIKAS Program (Placement and training for 6$^{th}$ sem) | 27.02.2020 to 29.02.2020 | Ms. Ragini Sharma and team Innovations Unlimited, Bangalore |

Table 4.12 (b) List events organised by placement for the academic year 2020-21

| Purpose | Event | Date of conduct | Resource faculty |
|---|---|---|---|
| Problem analysis, Team work, Life-long learning | VIKAS Program (Placement and training for 7$^{th}$ sem) | 07-10-2021 to 10-10-2021 | Ms. Ragini Sharma and team Innovations Unlimited, Bangalore |
| Problem analysis, Team work, Life-long learning | VIKAS Program (Placement and training for 5$^{th}$ sem) | 9-11-2021 to 13-11-2021 | Ms. Ragini Sharma and team Innovations Unlimited, Bangalore |
| Problem analysis, Team work, Life-long learning | VIKAS Program (Placement and training for 3$^{rd}$ sem | 15-11-2021 to 17-11-2021 | Ms. Ragini Sharma and team Innovations Unlimited, |

| | | | Bangalore |
|---|---|---|---|

Table 4.12 (c) List events organised by placement for the academic year 2021-22

| Purpose | Event | Date of conduct | Resource faculty |
|---|---|---|---|
| Problem analysis, Team work, Life-long learning | VIKAS Program (Placement and training for  5$^{th}$ sem) | 03-01-2022 to 6-01-2022 | Ms. Ragini Sharma and team Innovations Unlimited, Bangalore |

## 4.6.2 Publication of technical magazines, newsletters, etc.

- **Project abstract compendium –** A compendium of abstracts of final year student's project work is printed every year and is placed in the department and college library for the reference of students**.**

- **ADVITIYA "Scriptmania" paper abstracts –** Department students' association TARANG organizes national level Tech Fest ADVITIYA every year. The abstracts of papers presented in the event "Scriptmania" are printed and documented for reference.

- **News Bulletin –** Periodically, college news bulletin is printed and distributed to students which highlights department progress and prospects viz. students' performance, participation, publications, achievements and internships.

- **Chilume –** This college magazine is published yearly which covers various curricular, co-curricular and extra-curricular activities conducted throughout the year by all the departments. This gives a platform to the students to publish their innovative practices, socially relevant articles, sketches, photography and ideas for personality development.

- **Department News Letter (Every Semester) –** Department publish a newsletter presenting all the important activities carried out, achievements and appreciations etc received in the semester to promote and highlight the strength of the department.

## 4.6.3 Participation in inter-institute events by students of the program of study

The students of the department have participated in various inter institute events. The details are given in Table 4.13 (a) through Table 4.13 (c).

Table 4.13 (a) Students participation details for the year 2019-20

| Sl.No. | Description |
|--------|-------------|
| 1 | Mr Prajwal A sem 6 participated in a Two day National level student Technical Fest Advitiya 2019 at KLEIT Hubbali on 20th and 21st sept 2019 |
| 2 | Mr Prajwal A sem 6 participated in a Two day National level student Technical Fest Advitiya 2019 at KLEIT Hubbali on 20th and 21st sept 2019 |
| 3 | Ms Yashodhare Malligawad participated in Intercollegiate event Techno curio organized by KLEIT under Advitiya-19 on 20th and 21st Sept 2019. |
| 4 | Ms Asha Mallasamudra participated in National level Essay writing competition organized by Bangalore Institute of Technology ON IEEE day celebration. |
| 5 | Ms Anjali Shaju completed online internship on Industry 4.0 organized by Gustov Valley Technovations from 27-7-2020 to 27-08-2020. |
| 6 | Ms Anusha C G of sem 5 obtained certificate of participation in Recomended Linked In learning Courses. |
| 7 | Ms Anusha C G of sem 5 obtained certificate of participation in E Quiz conducted by TCE Gadag on 24th June 2020 |
| 8 | Ms Anusha C G of sem 5 obtained certificate of participation inOnline Technical Quiz on Power electronics conducted PDA college of Engg on 28th Aug 2020 |
| 9 | Ms Bhimambika Kittali participated in a Two day National level student Technical Fest Advitiya 2019 at KLEIT Hubbali on 20th and 21st sept 2019 |
| 10 | Mr Kiran V Akki participated in a Two day National level student Technical Fest Advitiya 2019 at KLEIT Hubbali on 20th and 21st sept 2019 |

Table 4.13 (b) Students participation details for the year 2020-21

| Sl.No. | Description |
|--------|-------------|
| 1 | Ms Sahana Nagaraj Madiwalar osfsem 7 participated in E-Quiz at KLEIT on 25-5-2021 |
| 2 | Ms Sahana Nagaraj Madiwalar of sem 7 participated in E-Quiz -3 at KLEIT on 1-6-2021 |
| 3 | Ms Sahana Nagaraj Madiwalar of sem 7 participated in Quiz competition on Intellectual property rights on 24-7-2021 |
| 4 | N Vasudev achieved NQT qualifying score of 1231/1800 conducted by TCS Ion on 4t Dec 2020. |
| 5 | N Vasudev participated "C' my skill during IMPETUS 2K20 at SIT Ichalkaranji on 31st Oct 2020. |
| 6 | Ms Yashodhare Malligawad of sem 7 participated in Quiz competition on Intellectual property rights on 24-7-2021 |
| 7 | Ms Yashodhare Malligawad of sem 6 coordinated Advitiya-21 events s on 5th and 6th July 2021. |
| 8 | Ms Akhileswari Galagai has completed Programming for everybody (Getting Started with Python on 22nd Mar 2021) |
| 9 | Ms Akhileswari Galagali completed MATLAB Onramp course on 29th July 2021 |

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|---|---|
| 10 | Ms Apekha Patil  of sem 7 participated in Quiz competition on Intellectual property rights on 24-7-2021 |
| 11 | Ms Apekha Patil  of sem 7 participated in program Grid integration with Electric vehicles organisez by IEEE PES SBC CUK on 26-10-2021 |
| 12 | Ms Apekha Patil  completed  MATLAB Onramp course  on 12$^{th}$ July 2021 |
| 13 | Ms Asha Mallasamudra  completed  MATLAB Onramp course  on 29$^{th}$ July 2021 |
| 14 | Ms Asha Mallasamudra   successfully completed Starting with Aptitude Preparation taken from Talent Battle on 19-9-2021 to 23-9-2021 |
| 15 | N Vasudev achieved a certificate for Cracking Starvic Admission Test at Starvic Crack SAT on 7$^{th}$ sept 2021 |
| 16 | Ms Anjali Joshi  completed  MATLAB Onramp course  on 29$^{th}$ July 2021 |
| 17 | Ms Anjali Joshi  completed a project on  Energy Audit of Carriage repair workshop Hubballi from 23$^{rd}$ Aug  to 21$^{st}$ Sept 2021 |
| 18 | Ms Anjali Joshi  completed  MATLAB Onramp course  on 29$^{th}$ July 2021 |
| 19 | Ms Anjali Shaju  completed a course on Interfacing with the Arduino  on 28$^{th}$ May 2021 |
| 20 | Ms Anjali Shaju  completed a course on Collaborating with G suite Apps  on 10$^{th}$ July 2021 |
| 21 | Mr Durga Prasad B  completed a course on AI for Everyone  on 27$^{th}$ Aug 2021 |
| 22 | Mr Durga Prasad B  of sem 7 participated in program Grid integration with Electric vehicles organisez by IEEE PES SBC CUK on 26-10-2021 |
| 23 | Mr Durga Prasad B  has completed  Learning Python on 12$^{th}$ June 2021 |
| 24 | Ms Darla Jaya  completed  MATLAB Onramp course  on 29$^{th}$ July 2021 |
| 25 | Ms Darla Jaya  completed a project on  Energy Audit of Carriage repair workshop Hubballi from 23$^{rd}$ Aug  to 21$^{st}$ Sept 2021 |
| 26 | Ms Anusha C G of sem 7 participated in E-Quiz at KLEIT on 25-5-2021 |
| 27 | Ms Anusha C G of sem 7 obtained certificate of appreciation on Design thinking and Enterpreneurship 24$^{th}$ and 25$^{th}$ June 2021. |
| 28 | Ms Anusha C G  completed a course on AI for Everyone  on 27$^{th}$ Aug 2021 |
| 29 | Ms Anusha C G has completed  Learning Python on 12$^{th}$ June 2021 |
| 30 | Ms Anusha C G of sem 7 participated in Quiz competition on Intellectual property rights on 24-7-2021 |
| 31 | Ms Bhimambika Kittali  of sem 7 participated in Quiz competition on Intellectual property rights on 24-7-2021 |
| 32 | Ms Anjali Joshi  completed  MATLAB Onramp course  on 2$^{nd}$ Aug  2021 |

Table 4.13(c) Students participation details for the year 2021-22

| Sl.No. | Description |
|--------|-------------|
| 1 | Published a technical paper on Design and Analysis of Vertical Axis wind Turbine for power generation from the moving vehicles on the high way by Srivatsa V, Hussainashrof Mulla, Salman ahemded Kavalgeri in Journal of control and converters vol 5, Issue 3 on Sept-Dec-2021 |
| 2 | Ms Aishwarya Aoursung has completed Azure Machine Learning Development 1 Basic Concepts on 20th June 2021 |
| 3 | Ms Aishwarya Aoursung has completed Python Object Oriented ProgrammingBasic Concepts on 12th June 2021 |
| 4 | Ms Bhimambika Kittali has participated in Safety against COVID 19 awareness camp specified by WHO |
| 5 | Mr Kiran V Akki obtained second place in the preliminary round of Innovation Challenges track, YESIST 12, 2021 |
| 6 | Mr Kiran V Akki obtained letter of appreciation for the Blood donation on 13-11-2021 |