

**INSTITUTIONAL EFFORTS/INITIATIVES
IN PROVIDING AN INCLUSIVE ENVIRONMENT**

ACADEMIC YEAR 2019-20

SUMMARY

S. No.	Name of the Event/Program	Issues addressed	Organizing Unit	Date of the Event/Program	Number of Participants
2019-20					
1.	International Yoga Day	Yoga at home and yoga with family	NSS Unit, IEEE WIE and WEC, Sree Vidyanikethan Engineering College, Tirupati.	21.06.2020	150
2.	Outreach Activity on “Latest Innovations in Science and Technology”	Latest Innovations in Science and Technology	Department of CSE, Sree Vidyanikethan Engineering College, Tirupati	06.03.2020 to 07.03.2020	65
3.	International Women's Day	Ensuring every women live with peace, health and wealth	WE Cell, Sree Vidyanikethan Engineering College, Tirupati.	08.03.2020	400
4.	A Guest Lecture on “Women Entrepreneur in India”	Facts about the position of women in their personal and professional lives	Women Protection Cell, Sree Vidyanikethan Engineering College, Tirupati	07.03.2020	52
5.	An Expert Lecture on “Awareness on Gynec Problems”	Awareness on Gynec Problems	Women Protection Cell, Sree Vidyanikethan Engineering College, Tirupati	26.02.2020	54
6.	A One Week FDP on “Design Thinking”	Design thinking	Department of CSE, Sree Vidyanikethan Engineering College, Tirupati	20.01.2020 to 25.01.2020	42
7.	National Voters Day	Empower the young and future voters	Sree Vidyanikethan Engineering College, Tirupati	25.01.2020	325
8.	National Girl Child Day	Awareness on Girl Child and her importance	Sree Vidyanikethan Engineering College, Tirupati	24.01.2020	400

S. No.	Name of the Event/Program	Issues addressed	Organizing Unit	Date of the Event/Program	Number of Participants
9.	National Youth Day	Philosophy and teachings of Swami Vivekananda	Sree Vidyanikethan Engineering College, Tirupati	11.01.2020	450
10.	A Three Day Entrepreneurship Awareness Camp-I Sponsored by EDII Ahmedabad under DST-NIMAT Project 2019-20	Creating awareness on the Entrepreneurship	Entrepreneurship Development Cell, Sree Vidyanikethan Engineering College, Tirupati	02.01.2020 to 04.01.2020	75
11.	Outreach Activity i.e., An Awareness Programme on "Role of Civil Engineering in Societal Development"	Creating awareness to students at Govt. Junior college (Girls), Chandragiri.	ASCE SVEC Student Chapter, Department of CE, Sree Vidyanikethan Engineering College, Tirupati	31.12.2019	23
12.	One Day Workshop on "Feminine Self Defence"	Self defence against antisocial elements prevailing in the society today	NSS Unit, Women Empowerment Cell and IEEE WIE, Sree Vidyanikethan Engineering College, Tirupati in association with Beats Fitness Studio, Tirupati.	28.12.2019	400
13.	Volley Ball Competitions - 2019	Encouraging and inculcating sportive spirit among the players from rural milieu	Sree Vidyanikethan Engineering College, Tirupati	16.11.2019	04 Teams
14.	Education in the United States "Your Five Steps to U.S. Study"	Educational opportunities	Sree Vidyanikethan Engineering College, Tirupati	15.11.2019	420
15.	An Expert Lecture on "Innovation in Academic Institutions – A Need for Multi-Disciplinary Research Approach"	How to convert idea / technology into wealth	Sree Vidyanikethan Engineering College, Tirupati	15.11.2019	250
16.	National Cancer Awareness Day	Awareness of cancer and its prevention	Sree Vidyanikethan Engineering College, Tirupati	07.11.2019	120
17.	AP State Level ISTE Student Convection on "Current and Emerging Technologies"	Innovation, invention of inquisitive learners and thereby empowering the sustainable growth of nation at large	Sree Vidyanikethan Engineering College, Tirupati	12.10.2019	500
18.	Team ACME Visit to Mathrusya - An Orphanage	Inculcating the attitude of giving back to the society	Department of EIE, Sree Vidyanikethan Engineering College, Tirupati	20.10.2019	100

S. No.	Name of the Event/Program	Issues addressed	Organizing Unit	Date of the Event/Program	Number of Participants
19.	An Outreach Programme on "Digital Learning Practices"	Technology extension program through teaching basic animation using scratch and power point to the school girls	Department of CSSE, Sree Vidyanikethan Engineering College, Tirupati	16.10.2019 to 19.10.2019	80
20.	Outreach Activity – A program on "Save the Mother Earth by avoiding Soil Pollution"	Creating awareness on Soil Pollution and its Prevention at Kuchivaripalli Village, Chandragiri Mandal	IGS SVEC Student Chapter, Department of CE, Sree Vidyanikethan Engineering College, Tirupati	04.10.2019	80
21.	Mohana Mantra - 2019	Exploring several technical and cultural events	Sree Vidyanikethan Engineering College, Tirupati	27.09.2019 to 29.09.2019	30000 & 1500 (Volunteers)
22.	A Semi-technical Lecture on "Principles of Green Engineering"	Green Engineering which provide solutions for various problems like Environmental Pollution, Energy Conservation, Human Health Protection, Economic Sustainability etc.	Sree Vidyanikethan Engineering College, Tirupati	25.09.2019	420
23.	Inaugural IEEE Women in Engineering (WIE) Affinity Group & A Technical Seminar on "Women in Engineering: Challenges & Opportunities"	Awareness among students on challenges and opportunities in engineering for women	Sree Vidyanikethan Engineering College IEEE Student Branch & in association with Women Empowerment Cell, SVEC	13.09.2019	200
24.	Outreach Activity on "Latest Technological Advancements in Artificial Intelligence"	Imparting knowledge on Artificial Intelligence to school students	Department of CSE, Sree Vidyanikethan Engineering College, Tirupati	06.09.2019 to 07.09.2019	166
25.	A Three Day "Business Week with JCI Tirupati" Workshop	Awareness among students on establishing a mutually beneficial relationship with other business people and potential clients and/or customers	Entrepreneurship Development Cell, Sree Vidyanikethan Engineering College, Tirupati	04.09.2019 to 06.09.2019	75
26.	Induction Programme on "Entrepreneurship and Career"	Significance of Startups	Entrepreneurship Development Cell, Sree Vidyanikethan Engineering College, Tirupati	13.08.2019	112

S. No.	Name of the Event/Program	Issues addressed	Organizing Unit	Date of the Event/Program	Number of Participants
27.	A Three Day Skill Development Programme on Google Android Developer Fundamentals Phase-I	Installation of Android Studio and Creating User Interface	Department of CSE, Sree Vidyanikethan Engineering College, Tirupati	01.08.2019 to 03.08.2019	74
28.	Grand Challenge Scholars Programme	Focusing on four cross-cutting themes such as Sustainability, Health, Security, and Joy of Living with 14 challenges	Sree Vidyanikethan Engineering College, Tirupati	01.08.2019	1200
29.	Pavithra Project - Hygiene for Adolescent Girls & Women	Empowering girls and women with knowledge and awareness on menstrual health and hygiene	Women Protection Cell, Sree Vidyanikethan Engineering College, Tirupati	31.07.2019	100
30.	A Seminar on "Goal Setting and Career Guidance"	Awareness on goal setting and career guidance	Sree Vidyanikethan Engineering College, Tirupati	20.07.2019	1200
31.	A Semi-technical Talk on "Communication- A Powerful Tool for Success"	Importance of communication	Sree Vidyanikethan Engineering College, Tirupati	17.07.2019	400
32.	Awareness and Interactive Session on "Start-ups and Leadership"	Awareness on the need of analyzing skills to face risks and consistency in starting start-ups.	Entrepreneurship Development Cell, Sree Vidyanikethan Engineering College, Tirupati	06.07.2019	210 (Students) 14 (Faculty)

Verified and found correct


PRINCIPAL

PRINCIPAL
SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
Sree Sainath Nagar, A. RANGAMPET
Chittoor (Dist.) - 517 102, A.P., INDIA.

A REPORT
ON
6th INTERNATIONAL YOGA DAY CELEBRATIONS
21 June 2020

Online Yoga Workshop

Number of Volunteers Participated : 150

Number of Faculty Coordinators involved : 05



The poster features four logos at the top: National Service Scheme (NSS), Sree Vidyanikethan Engineering College (Autonomous), The Art of Living, and IEEE Women in Engineering (WIE) SBA62331. The text in the center reads: **ONLINE YOGA WORKSHOP** on the occasion of **INTERNATIONAL DAY OF YOGA 2020** (Theme: Yoga @ Home and yoga with family) from **19-06-2020 to 21-06-2020 (11:00 AM to 12:00 PM)**. It is organized by **NSS UNIT , IEEE WIE Affinity Group and Women Empowerment Cell** under the expert guidance of **Sri.S.V.Suresh (The Art of Living)**, Chittoor and Nellore District area yoga teachers coordinator. The event is held at **SREE VIDYANIKETHAN ENGINEERING COLLEGE**, Sree Sainath Nagar, A.Rangampet, Near Tirupati, Andhra Pradesh - 517102.

On the occasion of 6th INTERNATIONAL YOGA DAY 2020, an ONLINE YOGA WORKSHOP was organized with the coordination of NSS unit, IEEE WIE affinity group and women empowerment cell of Sree Vidyanikethan Engineering College from 19.06.2020 to 21.06.2020 under the guidance of Sri S. V. Suresh, coordinator of Chittoor and Nellore yoga teachers, Art of Living.

The workshop was conducted on the theme of “YOGA @ HOME AND YOGA WITH FAMILY”. As we all know the whole world is in Corona pandemic situation and facing mental and physical health problems. Yoga is the best art and

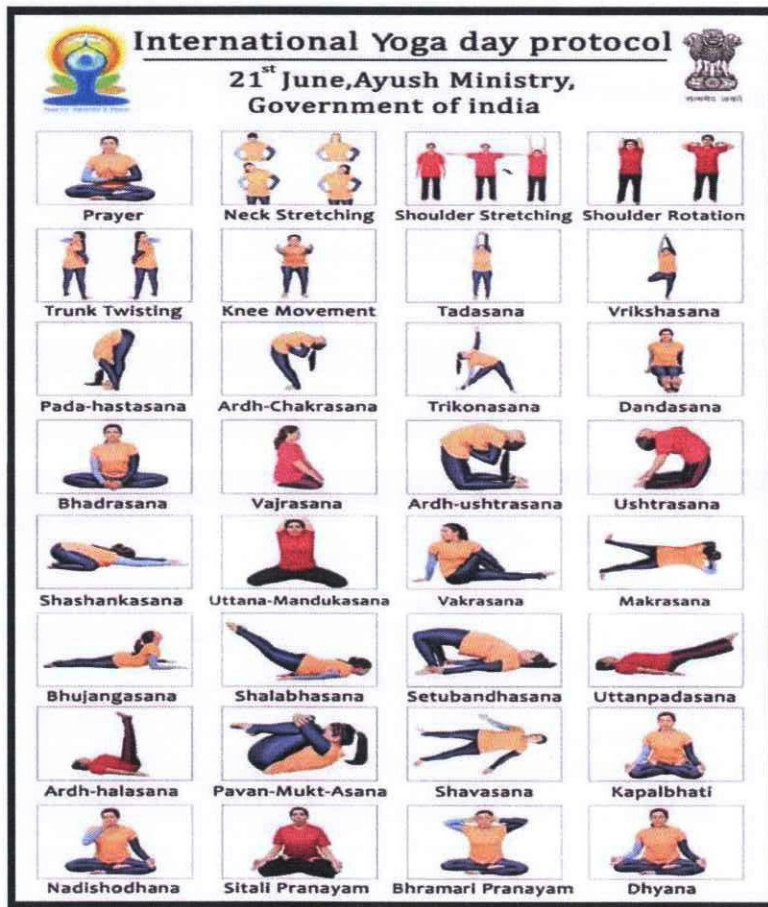
tool to balance the health. It combines our body & mind and makes us healthy. The trainer Sri S. V. Suresh taught basic yoga postures, pranayama, and meditation techniques. He demonstrated the asanas in such a way that they reach new learners easily. Due to pandemic, the workshop was conducted through online. A number of students and faculty participated actively in the workshop through YouTube live and Zoom meeting, and made the event a grand success. E-certificates were provided to all the participants.

YOUTUBE LIVE LINKS

DAY 1: <https://www.youtube.com/watch?v=rjtsDPcrDyM>

DAY 2: <https://www.youtube.com/watch?v=rjtsDPcrDyM>

DAY 3: <https://www.youtube.com/watch?v=QKAd16wMLSc>



ASANAS PRACTICED DURING YOGA SESSIONS

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**SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
Sree Sainath Nagar, Tirupati-517 102**

Department of CSE

**An Outreach Programme on
“Latest Innovations in Science
and Technology”**

Zillah Parishat High School, Kotala

Invites You to Participate

6th -7th March, 2020



Group activity among schools students

Group activity among schools students



Group photo - I

Group photo - II

AY: 2019-20

Date: 08.03.2020

<u>International Women's Day</u>	
Organising unit/agency/collaborating agency	NSS UNIT & WEC, Sree Vidyanikethan Engineering College, Tirupati.
No of Students Participated	350
No of Faculty Coordinators involved	10
Name of the Scheme	-
Date	08.03.2020
Venue	Dasari Auditorium, Sree Vidyanikethan Engineering College.

Sree Vidyanikethan Educational Institutions celebrated *International Women's Day* on 8th March 2020. Dr. V.R. Anitha, Convenor, Women Empowerment Cell, began the programme explaining the origin and aim of the International Women's Day, and theme of the International Women's Day-2020. She also gave a brief account on the events held in connection with the celebrations of International Women's Day.

The Hon'ble Chairman and Chief Guest, Dr. M. Mohan Babu while addressing the gathering asserted that behind every successful man, is a woman. We should love, encourage, respect, support and inspire every woman. He also expressed his disappointment about the issues of woman in the society. He expressed his reverence for women. The chairman advised everyone to educate girls and women of all ages to defend themselves. He concluded his speech blessing women; "May every woman live with peace, health and wealth."

The Guest of Honour Mrs. Sasi Bindu, Managing Director, Ravands, IWN Member Cell, Tirupati said that she was using the platform of the occasion to focus on positive shades of the society. She asserted that the gathering of women for the celebration itself shows that they are on their half-way of their empowerment. She highlighted that women had already won the equality and they have to understand how to sustain it in the society. She enlightened the women that rights have to be used as tools not as weapons against the opposite gender or the society. Being an empowered woman, she should have four responsibilities; *as an Individual, as a part of family, as a professional and as a citizen*. "A woman is naturally empowered if she balances all the four" she added. She also suggested that employers should recruit women and designate key positions equally with men as a gesture of gender equality.

Dr. P. C. Krishnamachary, Principal, SVEC, while emphasizing the theme of the Women's Day asserted that equality would bring people of every gender, age, race, religion and country together to drive actions that would create the gender-equal world. He wished that women should be well versed with the technology and innovation on par with men. He concluded his speech saying that women should speak with one voice, and work with solidarity and strength.

Prof. B. Mohan, Director, SVIM, stated that respect for women should start at home. He also highlighted that there has been a tremendous increase of women in Higher Education.

Later, Dr. B. Anuradha, Principal, SVCN, stated that women should be aware of various schemes and opportunities prevalent for them in the society in order to be empowered.

“Working women are more stressed than men as they have to balance work and family life. Men should support and empower them socially, physically and emotionally” she added.


Finally, Dr. Anna Balaji, Principal, SVCP highlighted the strength of women illustrating the power of Goddess Lakshmi, as Minister of Finance, Goddess Saraswathi as Minister of Education and Goddess Parvathi, as Minister of Defence. While sharing his personal and professional experiences, he said that he was motivated and encouraged by many women throughout his life.

Mr. Ravi Shekar, Director (F&A), Deans, Heads of the Institutions, Heads of the Departments and Members of faculty graced the occasion. The events Dumb Charades for men and women faculty, Instant Cooking for faculty and students, Guess Handbag Items for men faculty and staff, Best from Waste for women faculty, staff and students and Comic Show for students were conducted. In Best from Waste, the participants showcased their talent, creativity and innovation and made the event colourful. The winners of the events were given prizes.

Events

In connection with the celebrations of International women’s Day, Women Empowerment Cell of Sree Vidyanikethan Engineering College conducted events for members of faculty and students.

To begin with, Dumb Charades, Guess Handbag Items and Instant Cooking were conducted for men faculty and staff, on 4th& 5th March 2020 respectively. Men faculty participated in the events enthusiastically and interestingly on par with women faculty. Eventually, Dumb Charades, on 29th February 2020, Instant Cooking on 5th March 2020 and Best from Waste on 6th March 2020 were conducted for Women faculty and Staff. Students were also encouraged to participate in Instant Cooking, and Comic Show. In Best from Waste, the participants showcased their talent, creativity and innovation and made the event colourful. The winners of the events were given prizes.


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A Guest lecture
on
Women Entrepreneurs in India
7th March 2020

Women Empowerment Cell of Sree Vidyanikethan Engineering College organized a Guest Lecture on "Women Entrepreneurs in India" for women faculty & staff on 07th March 2020.

Mrs. Sasi Bindu, Managing Director, Ravands, IWN member Cell, Tirupati began her session explaining the difference between Entrepreneur and Entrepreneurship. She also exemplified the facts about the position of women in their personal and professional lives.

Mrs. Sasi Bindu, stated that women should be strong at the subject knowledge, technology and in whatever field they are. A person who is able to fit in the shoes of whatever the role he is and acquires all kinds of entrepreneurship skills can become successful. Referring to the teaching field, she said that teachers are also the entrepreneurs as the knowledge is an essential product and students are the customers.

Finally, while talking about the characteristics of successful entrepreneurs Mrs. Sasi Bindu differentiated Creativity and Innovation, Team Player and Team Leader, and Smart Work and Hard Work. She also highlighted the concepts of Adaptability, and Risk-Taking.

Mrs. Sasi Bindu made the session interactive with lots of real-world examples. About 52 members of women faculty attended the lecture.


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SVEC| Date: 26th February, 2020

*An Expert lecture
on
Awareness on Gynae Problems
26 February 2020*

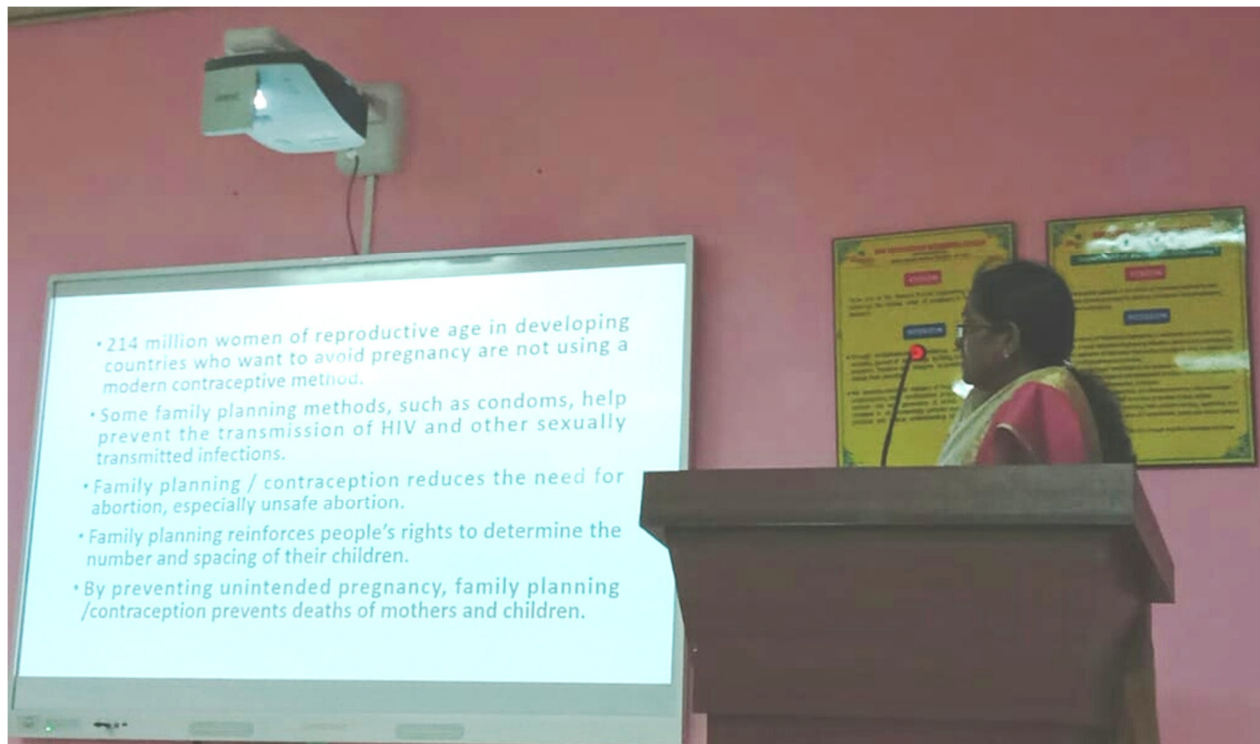
Women Empowerment Cell (WEC) & Women in Engineering (WIE) of Sree Vidyanikethan Engineering College organized an expert lecture on "Awareness on Gynae Problems" for women faculty & staff on 26th February 2020 for 54 No.s of faculty.

Dr. K. Sunitha, M.S, Associate Professor, Department of Obstetrics & Gynecology, S V Medical College, Tirupati promoted awareness among women faculty and staff of Gynae problems. She spoke about Women & Reproductive Health, Risk Factors of Teenage Pregnancy, and Family Planning Methods. She suggested a few guidelines on how to respond if complications or unexpected adverse events occur to the woman and/or the baby at any time during pregnancy, or the early postnatal period.



Dr. K. Sunitha, M.S, Obstetrics & Gynecology, S V Medical College, Tirupati delivering the lecture

Further, Dr. K. Sunitha enlightened the audience with basic facts about cervical cancer signs and symptoms. She advised some vaccination for girls as this is the most public health measure against Cervical cancer. She also highlighted the reasons for the female infertility and several other personal issues of women.



Finally, Dr. K. Sunitha emphasized the importance of personal hygiene, regular exercise and good diet. A total number of 54 women faculty and staff participated and got their doubts clarified with the resource person.



Women faculty and staff listening to the lecture



Resource Person Dr. K. Sunitha is being felicitated

P. C. Venkatesh
PRINCIPAL

Department: CSE | Date: 20th to 25th January, 2020

A One Week Faculty Development Programme on

"Design Thinking"

**(Sponsored by JNTUA, Ananthapuramu under
The Directorate of Faculty Development & IQAC)**

20th to 25th January 2020

The Department of Computer Science and Engineering, Sree Vidyanikethan Engineering College organized a One Week Faculty Development Programme (FDP) from 20th to 25th January 2020 sponsored by JNTUA, Ananthapuramu under The Directorate of Faculty Development and IQAC.

The core idea of the programme was to enhance knowledge and capabilities among the participants in design thinking and make use of design thinking process as a tool to create innovative products. The programme is aimed at faculty and research scholars of all engineering disciplines. A total of 42 members attended the programme. Dr. Balachandar Ramadurai, Professor NPTEL, Co-Founder TRIZ Innovation India, Adjunct Professor at Symbiosis Institute of Business Management, Pune was the chief guest and Dr. Shankar Venugopal, Vice President Mahindra & Mahindra, Head of Technology Innovation, Knowledge Management and Mahindra Technical Academy was the guest of honor for the inaugural function of the programme.

Dr. G. Sunitha, Professor & BoS Chairperson and Coordinator of the programme, Department of CSE, SVEC delivered welcome note and briefed about the sessions of the workshop. Dr. K. Delhi Babu, Professor & Dean (Placement and Training), Department of CSE, welcomed the participants and highlighted the importance of Design Thinking in product development.

20.01.2020 – On Day One forenoon session, Dr. Balachandar Ramadurai introduced the design thinking process. During afternoon session, Dr. Shankar Venugopal discussed on the importance of Human centered design process continued with session by Dr. Balachandar Ramadurai focusing on the Empathize phase of Design Thinking with active exercise for Customer Journey Mapping (CJM) and How Might We (HMW) scenarios.

21.01.2020 – On Day Two forenoon sessions, Dr. Shankar Venugopal focused on innovative design thinking through Combine, Rearrange, Enhance, Adapt, Turnaround, Eliminate (CREATE) tool. During afternoon sessions Dr. Balachandar Ramadurai discussed the importance of ideation phase in design thinking process.

22.01.2020 – On Day Three, Dr. Srinivasan Narayanan, Assistant Professor (Senior Grade), Department of Manufacturing Engineering, School of Mechanical Engineering, VIT University, Vellore, discussed about the product specification development and quality function deployment with some case study samples during the forenoon sessions. Dr. S. Renold Elsen, Associate Professor, Department of Design and Automation, School of Mechanical Engineering, VIT University, Vellore, focused his discussion on prototyping during the afternoon sessions.

23.01.2020 – On Day Four, Dr.Srinivasan Narayanan focused his discussion on Product design with design thinking perspective in the forenoon sessions. During afternoon sessions, Dr. Renold Elsen conducted hands-on session for the participants on prototyping and digital design tools such as TinkerCad, Figma and MarvelApp.

24.01.2020 – On Day Five, Mr.Vineesh U Sathianathan, Program Manager and Delivery Manager, Wipro Limited, Mysore, focused his discussion on Design for Services during the forenoon sessions. During the afternoon sessions, Dr.Noor Mahammad SK, Assistant Professor (Senior Grade), Indian Institute of Information Technology, Design and Manufacturing (IIITDM) Kancheepuram, Chennai discussed about Kitch, Pasthise and Retro Information Evolution.

25.01.2020 – Finally on Day Six, Mr.Vineesh U Sathianathan discussed about Design Innovation and Business with case studies in the first session followed with sessions by Dr.P.Chenna Reddy, Professor of CSE, JNTUA, Ananthapuramu discussed about the Design Thinking Curriculum Design. The faculty development programme concluded with the valedictory function in the honored presence of Dr. P. Chenna Reddy and Dr. K. G. Suma proposed a vote of thanks.

Outcomes of the Programme:

- The participants gained insights on user-centric approach through empathy, ideation, prototyping and testing in order to understand people's unarticulated needs and identify opportunities for solutions.
- The members of faculty acquired skills about the various aspects of design thinking process such as user-centric design, collective idea generation methods and practice in modern context.



Inaugural Function



Dr. Balachandar Ramadurai delivering session on Design Thinking Process



Dr. Shankar Venugopal delivering session on Innovative Design Thinking



Participants Creating Customer Journey Map during the session



Dr. Srinivasan Narayanan delivering session on Product Specification Development



Dr. Renold Elsen delivering session on Prototyping



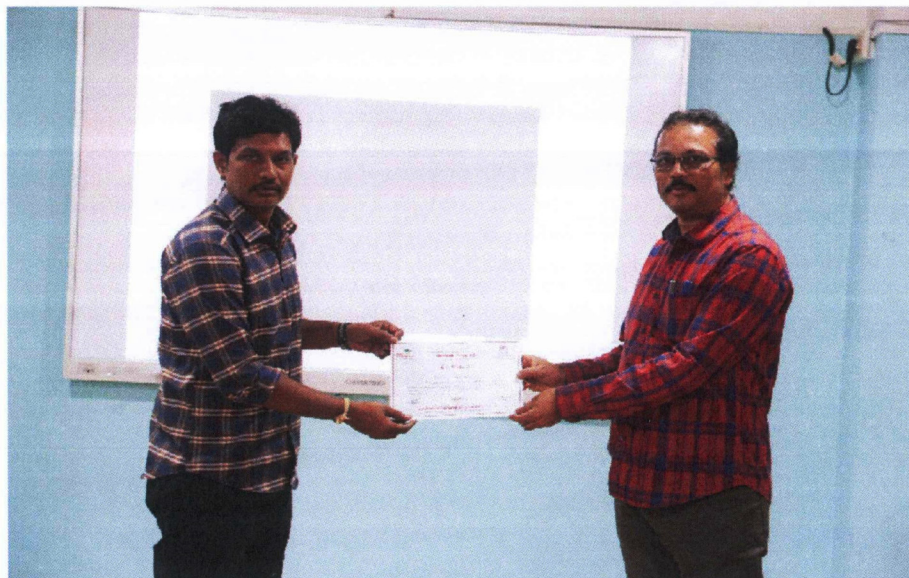
Dr. Noor Mohammad SK delivering session on Kitch, Pasthise and Retro Information Evolution



Mr. Vineesh U Sathianath delivering session on Design for Services



Dr. P. Chenna Reddy delivering session on Design Thinking Curriculum Design

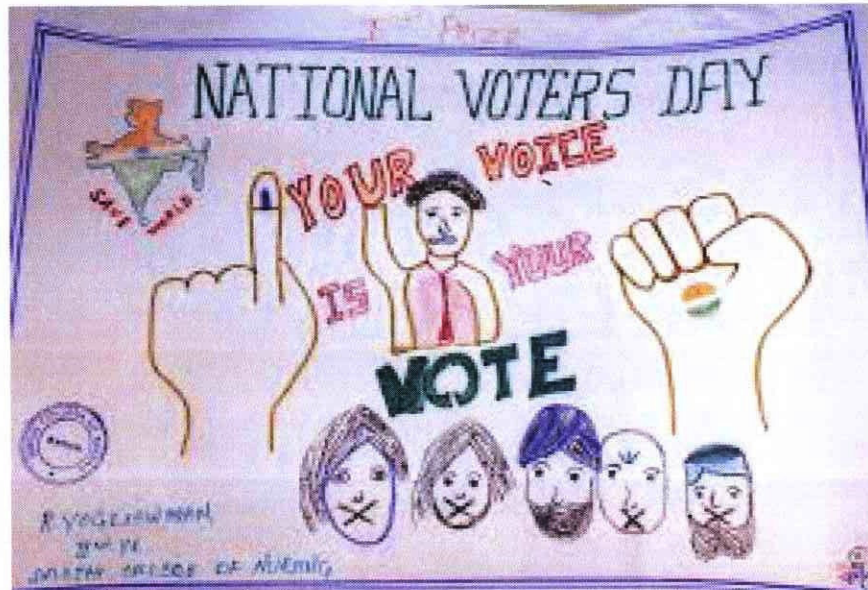


Dr. P. Chenna Reddy distributing Certificates to Participants

P. Chenna Reddy
PRINCIPAL

National Voters Day *25th January 2020*

The National Voters Day was celebrated in Sree Vidyanikethan Engineering College on 25th January 2020. The aim of the day was to empower the young and future voters. Dr. P. C. Krishnamachary, Principal, introduced the Chandragiri Mandal Revenue Officials to young students community and initiated the sessions on Voting Registration, Voting Process etc. Further, the Principal briefed the gathering about the history and significance Voters Day and the power of voters in democracy.



A total of 325 students and faculty participated in the demonstration of electoral process and acquired the knowledge of voting system.

P. C. Krishnamachary
PRINCIPAL

National Girl Child Day
24th January 2020

Sree Vidyanikethan Engineering College celebrated national girl child day on 24th January 2020 under the theme **Beti Bachao-Beti Padhao**. The objective behind celebrating the National Girl Child Day is to provide support and opportunities to the girls of India. As we know that in India, gender inequality is one of the major issues that is needed to be focused on and it exists in several areas including legal rights, education, medical care, marriage, etc. Female feticide is another major issue that further affect the demographic problems in India.

Various events were organized in the college to celebrate girl child day to promote education, position, equal status, etc. in society. In addition, a campaign was conducted to increase the consciousness among the people regarding girl children in Indian society. Dr. V. Vanjakamma, Professor & Cardiologist, SVIMS, emphasized that through this campaign, the inequalities and problems related to the girl child. Members of faculty and students participated and made this event successful.



Dr. V. Vanjakamma, Professor & Cardiologist, SVIMS, Tirupati addressing the gathering

P. C. ...
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National Youth Day

11th January 2020

Sree Vidyanikethan Engineering College celebrated National Youth Day on 11th January 2020 to commemorate the birthday of Swami Vivekananda on 12th January. This day is celebrated because the Indian government felt that the philosophy and teachings of Swami Vivekananda could be a source of great inspiration for the youth of India. Students of SVEC prepared charts and wrote slogans given by Swami Vivekananda. A power point presentation was also shown to the students depicting life and teachings of Vivekananda.

Dr. P. C. Krishnamachary, principal, SVEC appreciated the efforts put in by the members of faculty and students in celebrating the day. He asked the students to follow the footsteps of Swami Vivekananda and continue to struggle hard till their goals are achieved. A total of 450 students participated and made it a grand success. The program was successful.



Dr. P. C. Krishnamachary, Principal addressing the Youth

P.C. Krishnamachary
PRINCIPAL






Entrepreneurship
Development
Institute of India

Sponsored by Entrepreneurship Development
Institute of India Under DST-NIMAT Project 2019-20

ENTREPRENEURSHIP AWARENESS CAMP-I



2nd to 4th January, 2020

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Organized by

Department of Entrepreneurship Development Cell

SREE VIDYANIKETHAN ENGINEERING COLLEGE (Autonomous)

Sree Sainath Nagar, Tirupati – 517 102

You are cordially invited to the inauguration of

**THREE DAY
ENTREPRENEURSHIP AWARENESS CAMP-I**
(02nd to 04th January 2020)

(Sponsored by EDII, under DST-NIMAT Project 2019-20)

on
02nd January, 2020

Chief Guest

Dr. Pinnamaneni Bhanu Prasad,
Advisor
MD Ingenierie, France

VENUE: ME Seminar Hall
TIME: 10.00 AM
Target Group: IV B.Tech. Students

Dr. L. Venugopal Reddy
Advisor & Director,
SVET

Dr. I. Sudarshan Kumar
Director (Q&D), SVET

Dr. D. V. S. Bhagavanulu
Director, SVEC

Dr. P.C. Krishnamachary
Principal, SVEC

Will grace the occasion

Coordinator

Mr. B. Vishnu Vardhana Naidu
Assistant Professor, ME

Co-Coordinator

Mr. A. Chandra
Assistant Professor, CSSE

Co-Coordinator

Mr. C. Ravindra Murthy
Assistant Professor, EIE

Department: IT | Date: 02nd to 4th January, 2020

THREE DAY ENTREPRENEURSHIP AWARENESS CAMP-I (EAC-I)
(Sponsored by EDII AHMEDABAD under DST-NIMAT Project 2019-20)

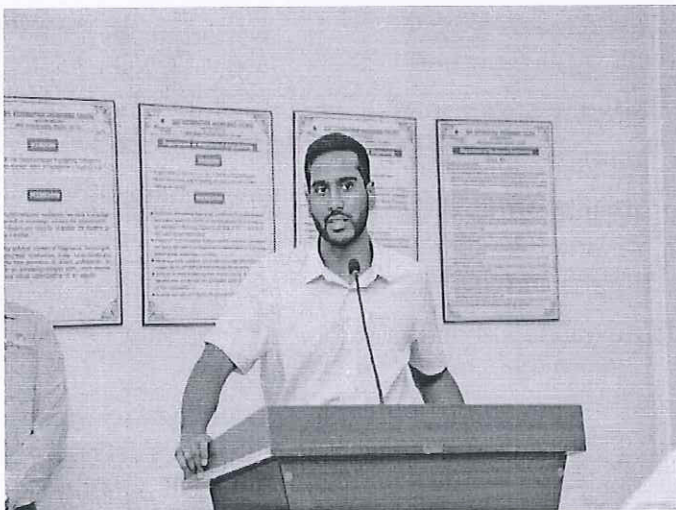
A three day Entrepreneurship Awareness Camp (EAC-I) was organized by Entrepreneurship Development Cell, sponsored by EDII AHMEDABAD under DST-NIMAT Project 2019-20 from 02.01.2020 to 04.01.2020.

The programme was organized to all the branches of IV B.Tech.& III B.Tech. students to create awareness on the entrepreneurship and its related concepts.

The program was inaugurated by Chief Guest **Dr. Pinnamaneni Bhanu Prasad**, Advisor, MD, INGENIERIE, France, Guest of Honors **Mr. Akhil T**, Customer Quality Engineer, BROSE, France, **Ms. Alison C**, Learning & Digital Project Manager, CHANEL, France, **Dr. N. Padmaja**, Coordinator of MIIC and **Mr. B. Vishnu Vardhana Naidu**, Coordinator, EDCell.

Ms. Alison C, shared her experience that how they are implementing innovating ideas in increasing the sales of Fragrance & Beauty products in their company.

Mr. Akhil T, explained the advanced technologies, like Artificial Intelligence how it is using in production of various parts of vehicles.



Mr. Akhil T, Customer Quality Engineer, BROSE, France and Ms. Alison C, Learning & Digital Project Manager, CHANEL, France, interacting with students during the sessions.

Dr. Bhanu Prasad, delivered a key note address on "Entrepreneurship & Innovations". He focused on the innovations happening in Virtual Reality and the business opportunities in this area. He motivated the students by sharing his entrepreneurial experience.



Dr. Pinnamaneni Bhanu Prasad, Advisor, MD, INGENIERIE, France, delivering keynote address during Inauguration.

In the afternoon session on Day 1, **Dr. A.K. Damodaram** Coordinator-Venture Development Centre & Professor of ME, gave a lecture on "Historical background & Importance of Entrepreneurship". He told the Importance of Entrepreneurship in India, to reduce the major problem of unemployment.

Dr.C.Padmaja, President, MHRD IIC and Professor of ECE gave a talk on "National Innovation and Start-up Policy-2019: A Guiding Framework for Startups and Entrepreneurship Opportunities". She explained the startup policy, the opportunities to budding entrepreneurs & the support of Indian Govt. for encouraging the students.

On Day-2, **Dr. G.Gurunatham Naidu**, Principal, SVDC, delivered a talk on "Characteristics of Successful Entrepreneurs". He inspired the students by explaining few case studies of successful entrepreneurs that how they grab the situations to convert into opportunities and succeeded.

Dr. J. Murthy, Associate Professor, SVIM, shared the valuable information about "Govt. Schemes of Assistance and policy for Setting-up Small Business Venture". He also emphasized the schemes available for Women entrepreneurs.

Dr. B. Ujwala, Assistant professor, SVIM, gave a talk on "Exploring and creating opportunities as an Entrepreneur".

Dr. D. Sudharshana Murthy, Associate Professor, SVIM, given a lecture on "Entrepreneurship growth in India". He stated in his lecture about the first industry started in India is textile Industry. He gave the statistics that how the Industry revolution has taken place from last decade in India.

On Day 3, all the participants visited Sibar Autoparts Pvt. Ltd., Renigunta, as a part of this awareness camp. They experienced various operations like, melting, casting, heat treatment, inspection in the production of automobile parts, decorative items.



Industrial Visit to SIBAR Autoparts Pvt. Ltd., Renigunta

A total number of 75 students from III/IV B.Tech. were participated in this camp and motivated, enhanced their entrepreneurship knowledge by series of expert lectures and Industry visit.



Group photo with the students


COORDINATOR
ENTREPRENEURSHIP DEVELOPMENT CELL
SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
SREE SAINATH NAGAR, A.RANGAMPET
TIRUPATI-517 102

Department: CIVIL ENGINEERING | Date: 31st December 2019

Outreach Activity

An Awareness Program on

**"Role of Civil Engineering in Societal Development"
at Govt. Junior college (Girls), Chandragiri**

The Department of Civil Engineering has organized an **Outreach Activity i.e., An Awareness Program on "Role of Civil Engineering in Societal Development"** at **Govt. Junior College (Girls), Chandragiri, Chittoor District, Andhra Pradesh, India** under **ASCE SVEC Student Chapter** on **31st December 2019 i.e. 11.30 A.M to 12.30 P.M.** The objective of the program is to motivate, create awareness and impart knowledge among the Intermediate (M.P.C.) second year students.

Dr. O. Eswara Reddy, Professor, HoD and BOS Chairman, Department of Civil Engineering, SVEC and **Faculty Advisor-ASCE SVEC Student Chapter** and Convener of the Program; Mr. D. V. Purushotham, Assistant Professor and Coordinator-ASCE SVEC Student Chapter and Coordinator of the Program graced the occasion. Office bearers of ASCE SVEC Student Chapter were the organizers of this programme.

23 No. of Intermediate students, 02 No. of Faculty Members and **30 No. of Students** including ASCE SVEC Student Chapter Office Bearers of Civil Engineering Department were actively participated in the program. Faculty and Students explained about the importance of Role of Civil Engineering in Societal Development to the Intermediate (M.P.C.) second year students through Power Point Presentations and Videos. At the end of the program, Intermediate students gained the knowledge on Role of Civil Engineering in Societal Development and its benefits to the society.

On the whole, the event proved successful. Community service is to work for free to help/benefit the public/community. Community service can have a lot of positive effects on students, such as helping them to develop skills, making contacts, and allowing them to improve the quality of life of others. The students can develop an attitude of giving something to society. Also, it creates realization in the budding engineers to innovate and work for society.

The photographs of the session of the program are as follows.



(Dr. O. ESWARA REDDY)

Faculty Advisor
ASCE SVEC Student Chapter
Professor, HoD and Chairman-BOS



Entrance of Govt. Junior College (Girls), Chandragiri, Chittoor District, Andhra Pradesh, India



Welcome Address by Ms. R. Bhagyalakshmi, Corresponding Secretary, ASCE SVEC Student Chapter



Ms. D. Pragathi, President, ASCE SVEC Student Chapter delivering the Lecture on "Role of Civil Engineering in Societal Development"



Mr. D.V. Purushotham, Coordinator, ASCE SVEC Student Chapter discussing on "Role of Civil Engineering in Societal Development"



Dr. O. Eswara Reddy, Faculty Advisor, ASCE SVEC Student Chapter Concluding the Session on "Role of Civil Engineering in Societal Development"



Dr. O. Eswara Reddy, Faculty Advisor, ASCE SVEC Student Chapter interacting with students



A Group Photo with Students and Office Bearers of ASCE SVEC Student Chapter



A Group Photo with Office Bearers of ASCE SVEC Student Chapter

A One-Day Workshop - FEMININE SELF DEFENCE

in association with

BEATS FITNESS STUDIO

28th December 2019

NSS UNIT, Women Empowerment Cell, and IEEE WIE of Sree Vidyanikethan Engineering College organized a One-Day Workshop on '**Feminine Self Defence**' in association with Beats Fitness Studio on 28th December 2019.

Empowering girl students to fight back against crime has been the call of the day. In this modern era, violence against girl students has been very common in every street of both rural and urban setting. Small kids, girls and even women are feeling insecure, the moment they are out of their homes for any purpose for that matter. It is very important for every girl and woman to get prepared mentally and physically well equipped with required skills and techniques to defend oneself from any kind of antisocial element prevailing in the society today.



Dr.V.R.Anitha, Women Empowerment Cell Coordinator addressing the gathering during the inauguration of the event.

The paradox of self-defence is that the more prepared you are, the less likely you are to need it. The main objectives of the programme was

- To enable girls to defend against any type of physical assault.
- To build self confidence so that they can contribute meaningfully to their own development, shape their own destiny and capacity enhancement through Self-defence training.

- To equip the girls with self-skills, so that they can avert any kind of awkward situation at the first instances.
- To spread a message to the violence-maker that girls are being ready for counter and awareness is being developed among the girls in this regard.
- To empower the girl students in all aspects.



Trainers giving demonstration to the girl students

With this emerging needs and objectives in mind, NSS UNIT, Women Empowerment cell and IEEE WIE affinity cell in association with Beats Fitness Studio organized one day Self-Defence training for all II B.Tech girl students on the campus on 28th December 2019. All the sessions were fully occupied with practical demonstration and practices facilitated by 6 well known and experienced martial art instructors. These types of initiative for girl students have really helped the girls to relieve stress, get and stay in shape, and learnt all valuable self- defence skills and techniques at the same time.

During the valedictory session, some of the girls frankly opined that the techniques have greatly increased the personal protection options to combat crime. It has built the confidence of

every student participated in the training that they can freely move to their destination day in and day out. They feel that they are also less likely to become a target of crime.



Trainer giving instructions to the girl students at the venue



Here are five benefits associated with taking women's self-defence classes: Self-defence helps you to stay safe. Ideally, you hope that you can avoid the kind of trouble that would require you to defend yourself. But we never know when we might be attacked. Understanding self-defence enables you to defend yourself and your family when it matters, and to reduce the risk of serious harm. However, self-defence isn't about teaching how to engage in a fight with your attacker. Instead, it teaches how to disable attacker quickly and then take advantage of the situation to get away safely. Self-defence improves our self-confidence. Once you've mastered the key skills and techniques required for effective self-defence, you'll have a higher sense of self-worth from this achievement that will improve your confidence and self-esteem. Self-defence teaches you to have a greater awareness of your surroundings, so you feel empowered to defend yourself in any situation. Around 400 members participated in the event.

Mr.G.Kuladeep NSS Programme Officer, Dr.V.R.Anitha , Women Empowerment cell, SVEC, and Dr.Sujatha ,IEEE WIE Coordiantor organized the event successfully.

P. C. Kuladeep
PRINCIPAL

SVEC | Date: 16th November, 2019

Volleyball Competitions – 2019

16.11.2019

With an aim of encouraging and inculcating sportive spirit among the players from rural milieu, Dr. M. Mohan Babu, Hon'ble Chairman, Sree Vidyanikethan Educational Trust conducted Volleyball competitions at Sree Vidyanikethan International School campus on 16.11.2019.



Hon'ble Chairman Dr. M. Mohan Babu tossing the coin during inaugural match

A total of 4 teams from Chandragiri, Bhakarapet, Narasingapuram and Perumallapalli took part in the competitions. Chandragiri and Narasingapuram teams reached finals. In the tough competition between the teams, Chandragiri team was declared as winners and the Narasingapuram team stood as runners.



Audience watching the Volleyball Competitions

The Chairman of Sree Vidyanikethan Educational Trust announced prize money of Rs. 10,000/- for the winners and Rs. 5,000/- for the runners.



Hon'ble Chairman Dr. M. Mohan Babu presenting the Prize money to the winners



Hon'ble Chairman Dr. M. Mohan Babu presenting the Prize money to Runners

While distributing prizes to the teams, Dr M Mohan Babu said, "Sports and Games are part and parcel of everybody's life for keeping physically and mentally fit." He emphasized that friendly atmosphere would be ensured among the people with sports and games. He also advised the players to take the results in a sportive manner and mentioned that winning and losing is a part of the game.

Sree Vidyanikethan Engineering College usually conducts this sort of competitions once in a year. On the contrary, speaking on the occasion, the Chairman said that the competitions would be held once in three months hereafter. Scores of people gathered from various villages and showed keen interest in taking photographs with the Chairman. The students of Sree Vidyanikethan Educational Institutions, Principals, Directors and members of faculty took part in the event.

P. C. Chalapathi
PRINCIPAL

SVEC | 15th November 2019

Education in the United States ***“Your Five Steps to U.S. Study”*** ***15 November 2019***

Sree Vidyanikethan Engineering College organized an awareness programme on “*Education in USA*” on 15th November 2019. Mr. Suheil Imtiaz, Adviser, Education USA from Hyderabad provided comprehensive information to the 420 students of I B.Tech on higher education in the United States. A variety of more than 4500 accredited institutions offer options to the students to specialize in a variety of academic disciplines.

Mr. Suheil Imtiaz, briefed students about five steps to pursue a short-term or full degree programme in the United States under the title “*Your Five Steps to U.S. Study.*” The first step is researching the options to find a college or university that best suits the students’ needs and meets their requirements such as academic, financial, and personal. He advised students to begin their research 12 to 18 months prior to the academic year they hope to attend the United States College or University.

The second one is financial planning. Mr. Suheil advised students to explore special opportunities and financial aid provisions that the United States institutions offer international students such as scholarships, in-state tuition benefits, waived application fees and deadlines and similar provisions.

The third step is completing the application. He highlighted some general application requirements such as educational credentials, standardized test scores; GRE, English Proficiency Tests etc, recommendations letters and statement of purpose and other essays.

The fourth step is applying for the student visa. Students were advised to become familiar with visa requirements well in advance and spend time to prepare application. They need to be clear about their choice of their programme and university to answer the questions at the time of interview.

The final step is preparing for departure. It includes making travel arrangements, attending a pre-departure orientation, gathering important pre-departure documents and documents for arrival.

Ms. Alekya, research scholar from Education USA shared her experiences of studying in the USA and enlightened students with the details of departments, specializations, facilities etc.

Mr. Suheil Imtiaz concluded his speech suggesting students to visit their website for further instructions and clarifications if any. Students were given handouts of various links and websites. Around 420 students attended the programme and gained knowledge on educational opportunities and the process of applying for higher education in the United States of America.


PRINCIPAL

A Distinguished Lecture

on

*“Innovation in Academic Institutions – a need for
Multi Disciplinary Research Approach”*

(15 November 2019)

A Distinguished lecture on Innovation in Academic Institutions – a need for Multi Disciplinary Research Approach was organized at Dasari Auditorium on 15th November, 2019. Prof. V. Ramgopal Rao, Director, IIT, Delhi was the resource person. The lecture was delivered to all the members of faculty of Sree Vidyanikethan Engineering College.



Dr.P.C.Krishnamachary, Principal, SVEC, Welcoming the Guest Speaker

During the lecture, **Prof. V. Ramgopal Rao** enlightened a need for multidisciplinary research approach; worldwide India rank in research; how to convert idea/technology into wealth; Nano Material characteristics and properties for new applications; Idea Factory; by inculcating research atmosphere in the Institution assigned within the time limit.



Prof. V. Ramgopal Rao, Director, IIT Delhi delivering the lecture



Prof. V. Ramgopal Rao enlightening the faculty on Nano Technology and Interdisciplinary Research

During his lecture, Dr. Rao focused on how to capture carbon from diesel generators; Faculty Interdisciplinary Research Program (FIRP); and Summer Research Internship Faculty Program in IIT Delhi. Also he interacted with Faculty who are interested and working on MEMS/Nano technology; shared the views and opinion within the working area.



Prof.V.Ramgopal Rao interacting & clarifying the queries



Faculty Interaction with Prof.V.Ramgopal Rao

About 250 faculty members got enriched from the lecture delivered by **Prof. V. Ramgopal Rao** for exploring the solutions to Nano technology.


Principal

SVEC | Date: 07th November 2019

National Cancer Awareness Day

National Cancer Awareness Day was celebrated at Sree Vidyanikethan Engineering College on 7th November 2019. It is observed every year to raise the awareness of cancer and encourage its prevention. According to the World Health Organization (WHO), cancer is the second-deadliest disease which causes death among people. Speaking on this Dr. I. Sudarsan Kumar, Director, Q&D, advised that if detected early, cancer could be treated at a fraction of the cost that is incurred when diagnosed at an advanced stage. Its mortality rate can also be significantly lowered.

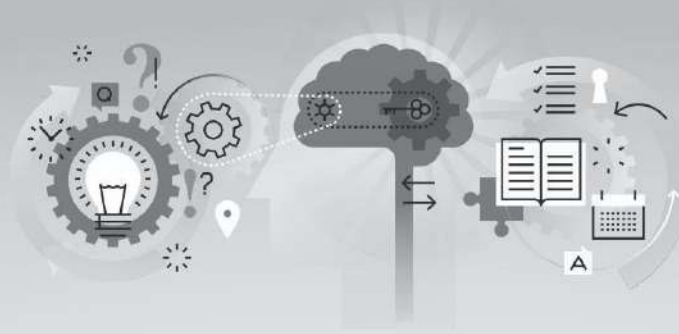
All the Heads of the Institutions, Deans, HODs, members of faculty witnessed student's participation in various activities and made the event a grand success. Students across the streams were invited to speak on this issue and they were presented for their effective elicitation on the ongoing issues relevant to cancer. Finally, the programme was concluded with the quote by BD Philips, "Cancer is that awful word we all fear when we go to the doctor for a physical exam, but in that brief dark moment we hear it the world we live in and the people we share it with begin to illuminate things we did not even pay attention to".



Dr. I. Sudarsan Kumar, Director, Q&D addressing the gathering


PRINCIPAL

Registration Form



Participants for the Convention:

Students of engineering colleges and universities approved by AICTE and/or UGC can participate in convention.

Registration fees:

Category	Amount
ISTE members	Rs. 100
Non-ISTE Members	Rs. 200

Important Dates:

Last Date for Submission : 10-10-2019

Contact

Dr. L. Venkateswara Reddy, Professor, Dept. of IT, SVEC.
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SREE VIDYANIKETHAN ENGINEERING COLLEGE (Autonomous)
(Accredited by NBA and NAAC 'A' Grade, Affiliated to JNTUA, Ananthapuramu)
Sree Sainath Nagar, Tirupati - 517 102 (A.P)
Ph: +(91) 877-2236711-14 Fax:0877-2236717
www.svec.education

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**AP State Level ISTE Student Convention
on "Current and Emerging Technologies**

12th October , 2019

Organized by

Sree Vidyanikethan Engineering College (Autonomous), Tirupati
(Accredited by NBA and NAAC 'A' Grade, Affiliated to JNTUA, Ananthapuramu)

College Profile:

Sree Vidyanikethan Engineering College, Tirupati was established in 1996 by Sree Vidyanikethan Educational Trust under the stewardship of Dr. M. Mohan Babu, renowned film artiste, Padma Shri Awardee and former Member of Parliament (Rajya Sabha). The college is approved by AICTE, New Delhi and affiliated to Jawaharlal Nehru Technological University, Anantapuramu, Andhra Pradesh, India. The college is conferred "Autonomy" by UGC, New Delhi. The college is bestowed with the "Colleges with Potential for Excellence" by UGC, New Delhi. The college is accredited with "A" grade by NAAC. The college received PLATINUM category in AICTE-CII Survey 2018. In NIRF Ranking-2019, Sree Vidyanikethan stands in 167th position among all Engineering Colleges at national level and topped among all private engineering colleges in Andhra Pradesh. The college offers B.Tech. Program in 8 disciplines, M.Tech. Program in 8 specializations, Ph.D programs in 3 disciplines and MCA.

Location:

The college is located 15 km from the temple town of Tirupati on Tirupati- Madanapalle National Highway 205.
<https://goo.gl/maps/SxeqCCprSUMpkTME7>

KINDLY SCAN QR CODE FOR LOCATION



About ISTE:

The Indian Society for Technical Education (ISTE) is a leading national professional non-profit making society for the technical educational system in India with the motto of career development, Teachers and personality development of students and overall development of our technical educational system. The major objective of the ISTE is to provide quality training programs to teachers and administrators and to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industry and society.

About the Convention:

The ISTE student AP State Level Convention is conceptualized to provide high standards in technical education platform for demonstrating innovation, invention of inquisitive learners and there by empowering the sustainable growth of nation at large.

About ISTE STUDENTS' (AP043) CHAPTER at SVEC

Indian Society for Technical Education is a national professional non profit making society registered under the society registration act of 1860. First started in 1941 as the Association of Principles of Technical Institutions (APTI). It was converted into "Indian Society for Technical Education" in 1968, with a view to enlarge its activities to advance the cause of technological education. ISTE Students' Chapter was started in SVEC in the year 1996-97 and is now currently having the student strength of 2400 members. Since then it has been successfully conducting various events like seminars, literary competitions, and personality development programmes at inter-college and intra-college levels. It involves students in organizing these programmes; gives them exposure to team work; makes them aware of the needs of global industry and prepares them to face the challenges ahead.

Chief Patron

Dr. M. Mohan Babu, Chairman, SVET

Patron

Mr. Vishnu Manchu, CEO, SVET

Advisors

Dr. L. Venugopal Reddy, Advisor Cum Director, SVET
Prof. K. Lal Kishore, Chairman, AP State ISTE, Former VC, JNTUA
Dr. P.C. Krishnamachary, Principal, SVEC
Dr. D.V.S. Bhagavanulu, Director, SVEC & SVDC
Dr. I. Sudarsan Kumar, Director (Q&D), SVEI

Convener

Dr.L.Venkateswara Reddy, Professor of IT

Coordinators

Mr.D. Ganesh, Asst. Prof., CSE
Mr. K . Balaji, Asst. Prof., ECE

Theme of the Event:

Current and Emerging Technologies

Sub Themes of the Event:

- Big Data and Analytics
- Cloud Application Services
- Social Media and Business Solutions
- Mobility and Pervasive Computing
- Artificial Intelligence and Robotics
- Electronic Materials and Applications
- Smart Manufacturing
- Modern Construction Technologies

SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS)

SREE SAINATH NAGAR, TIRUPATI - 517 102 (A.P.)

AP STATE LEVEL ISTE STUDENT CONVENTION STTP
on "Current and Emerging Technologies"

REGISTRATION FORM

(Use Photostat copies, if necessary)

Name of the Participant

Gender

Male

Female

Branch & Year

Institution

Address

ISTE Member(Yes/No)

If Yes, Membership Number

Email-ID

Mobile No.

Participating Events (Please choose any two events)

- Paper Presentation
 Poster Presentation
 Model Presentation
 Technical Quiz

Place :

Date :

Signature of the Applicant

Signature of Principal/HOD

TEAR HERE



Department: SVEC | Date: 12th October, 2019

AP STATE LEVEL ISTE STUDENT CONVENTION on “Current and Emerging Technologies”

Sree Vidyanikethan Engineering College organized AP State Level ISTE Student Convention on “Current and Emerging Technologies” on 12th October 2019.

The ISTE student AP State Level Convention is conceptualized to provide high standards in technical education platform for demonstrating innovation, invention of inquisitive learners and there by empowering the sustainable growth of nation at large. ISTE Student’ Chapter in SVEC has been successfully conducting various events and the main objective of this is to give exposure to students regarding team work, make them aware of the needs of global industry and prepare them to face the challenges ahead.

Chief guest Dr. K. N. Ganesh, Director, Indian Institute of Science Education & Research (IISER), Tirupati, Guest of honour Prof. K. Lal Kishore, Chairman, AP State ISTE; Former VC, JNTUA, Special Invitee Dr. B. Eswara Reddy, Secretary-cum-Treasurer, AP State ISTE; Director, SDC, JNTUA, Prof. L. Venugopal Reddy, Advisor cum Director SVET, Dr. P.C. Krishnamachary, Principal, SVEC, and Dr. L.V. Reddy, Convener graced the occasion.

The event was inaugurated with prayer song following lamp lighting ceremony. The welcome address was given by Dr. P.C. Krishnamachary, Principal, SVEC. He emphasized the importance of ISTE and motivated students to involve in the relevant activities to become professional engineers and technicians needed by the industry and society. Special Invitee Dr. B. Eswara Reddy highlighted the prominence of Science & Technology and delivered his valuable words on ISTE and the theme of the programme. Guest of honour Prof. K. Lal Kishore encouraged the students to realize the significance of ISTE and contribute to the sustainable growth of nation at large. Prof. L. Venugopal Reddy, Advisor cum Director SVET shared his thought provoking words on Research & Technology and emphasized on the scope of product oriented engineering. Later, Chief Guest Dr. K. N. Ganesh gave inspirational speech by quoting real life applications in the field of Science & Technology. In relevance to the theme of the programme, he listed a few emerging technologies like Lithium-ion batteries, 5G, Block Chain, Social Robots etc. and urged students to be inquisitive listeners in innovation and invention of the technologies around. Finally, Dr. L.V. Reddy, Convener delivered vote of thanks following the announcement and dispersion to respective venues for events participation.

The valedictory function commenced at 4.30 PM in Dasari Auditorium presided by the Guest of Honour Prof. K. Lal Kishore, Special Invitee Dr. B. Eswara Reddy, Dr. K. Delhi Babu, Dean, Placement & Training and Dr. L. V. Reddy, Convener. The winners of all the events received prizes from the dignitaries. All the members of faculty and staff of SVEC participated in this programme.



Dignitaries participating in Lamp Lighting Ceremony



Dr. P.C. Krishnamachary, Principal, SVEC delivering welcome address



Special Invitee Dr. B. Eswara Reddy, Secretary-cum-Treasurer, AP State ISTE; Director, SDC, JNTU addressing the gathering



Guest of honour Prof. K. Lal Kishore, Chairman, AP State ISTE; Former VC, JNTUA addressing the gathering



Prof. L. Venugopal Reddy, Advisor cum Director SVET sharing his knowledge on Product Oriented Engineering



Chief guest Dr. K. N. Ganesh, Director, Indian Institute of Science Education & Research (IISER), Tirupati addressing the gathering



Dignitaries felicitating the Chief Guest *Dr. K. N. Ganesh, Director, Indian Institute of Science Education & Research (IISER), Tirupati*



Dr. L.V. Reddy, Convener delivering vote of thanks



Performance of EBW on different materials



Performance of Camless Engine





Distributing the awards to the winners



Participants

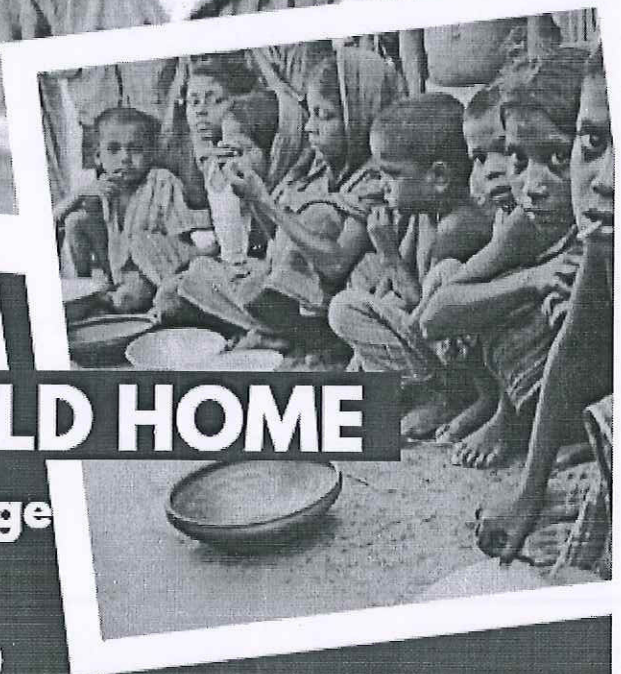
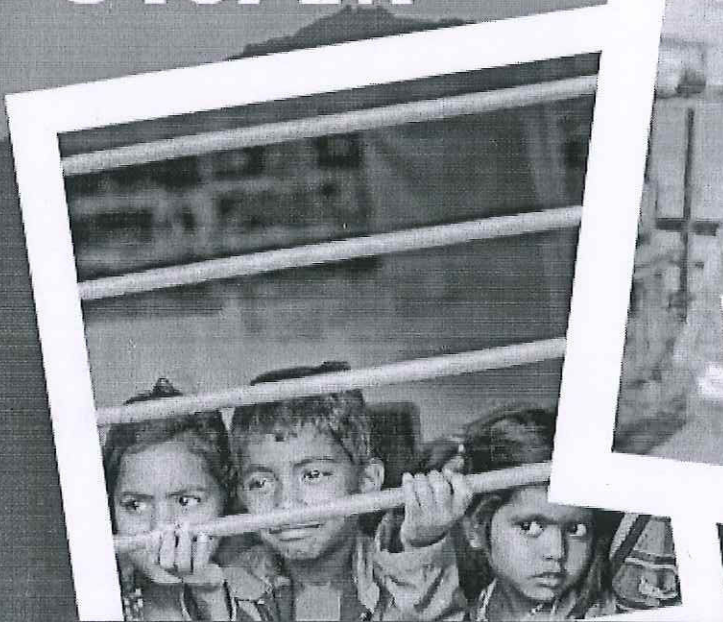
P. Srinivas
Principal

Help the HOMELESS



**OCT 20TH
@10AM**

TEAM ACME INITIATIVE



MATHRUSYA CHILD HOME

**Naidu Colony, Avilala Village
Tirupati-517501.**

FOR MORE INFORMATION CONTACT
7416124124 (Reddyprasad Vankireddy)
8309298400 (Naveen Reddy)
7893783796 (Bhanu Prakash Velamala)

SREE VIDYANIKETHAN ENGINEERING COLLEGE



(Autonomous)

Sree Sainath Nagar, Tirupati – 517 102



Department of Electronics & Communication Engineering

SVEC/ECE/21/19-20

Date: 22-10-2019

Association of Communication Majors and Enthusiasts

Report on Help the Homeless (Visit to Mathrusya)

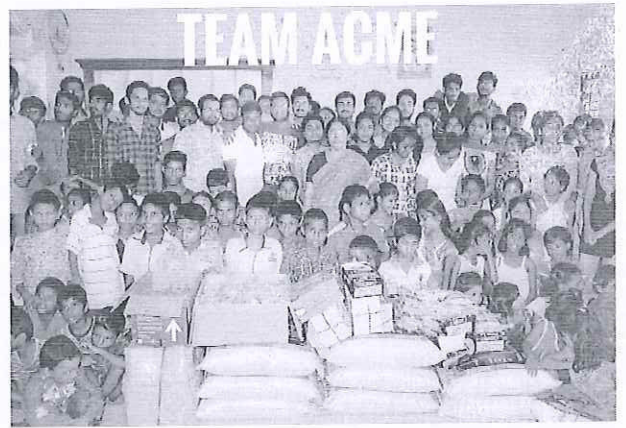
"The life of a man consists not in seeing visions and in dreaming dreams, but in active charity and in willing service", A quote by Henry Wadsworth Longfellow.

Whatever we do, learn from the college, it is ultimately for the betterment of the society. Giving back to the society is something that every student must learn. In this process, "**Young caliber**", an ACME club, a students' social service initiative of ECE of Sree Vidyanikethan Engineering College was started in December 2012. The objective of this club was to inculcate the attitude of serving the society.



This year, as a part of Young Caliber, students of II, III and IV B.Tech. had visited to "**Mathrusya**", an orphanage, with the main intention of providing moral support to them. "MATHRUSYA" – School for Abandoned children and mentally challenged people is located near Avilala, Tirupati. It was an orphanage home started with the motto of adopting the street orphan children and joining them into a school. The founder of the orphanage is Mrs Sreedevi and all the children call her as Amma. She has almost kept her money into the orphanage and now it is being run by her son Surya. Almost 130 People are there out of which 100 are children aging from 2-15 Years and 30 Old People.

A total of 100 Students of II, III, IV years of Department of ECE. They have spent the quality time with the students there and they played with them. They also donated money for a special lunch for the children. They have also distributed chocolates and Cake among the children. They have also given 200 Kg of Rice to the orphanage for their regular utilization. The students were quite happy to have spent their quality time with the students.



for [Signature]
HOD, ECE



**SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)**

Sree Sainath Nagar, Tirupati-517 102

Department of CSSE

**An Outreach Programme on
“Digital Learning Practices”**

Sri Padmavathi Girls High School, Tirupati

Invites You to Participate

16.10.2019 to 19.10.2019

Department: CSSE | Date: 16th to 19th October, 2019

A Four- Day Outreach Programme

on

"Digital Learning Practices"

16.10.2019 to 19.10.2019

The Department of Computer Science and Systems Engineering of Sree Vidyanikethan Engineering College organised an outreach activity on "Digital Learning Practices" at Sri Padmavathi Girls High School, Tirupati from 16.10.2019 to 19.10.2019.

Around 80 students of classes VIII and IX participated in the programme. School children were made aware of peripherals of computer. They gained knowledge on usage of Edu Apps on the Android platform. Basic animation using scratch and powerpoint was also taught.



Student of III CSSE explaining functionalities of the computer



Members of Faculty of CSSE clarifying doubts of the students

P. Chalapathi
PRINCIPAL

AY: 2019-20

Date: 04-10-2019

Outreach Activity – A Program on “Save the Mother Earth by avoiding Soil Pollution” at Kuchivaripalli Village, Chandagiri Mandal

Organising unit/agency/collaborating agency : IGS SVEC Student Chapter in collaboration with NSS UNIT, Sree Vidyanikethan Engineering College

No of Students/volunteers Participated : 80

No of Faculty Coordinators involved : 05

The Department of Civil Engineering, Sree Vidyanikethan Engineering College, A. Rangampet have conducted an awareness program on soil pollution and its remedies in the name of “Save the Mother Earth by Avoiding Soil Pollution”, at Kuchivaripalli Village, Chandagiri Mandal on 4th October 2019, from 2.30 pm to 5pm.

Chief Guest, Dr. O. Eswara Reddy, Professor, Head and BOS Chairman, Department of Civil Engineering explained about the soil pollution problems, causes and its remedial measures. Further, he emphasized how concrete pavements, chemical fertilizers and cutting of trees in the village will cause the depletion of groundwater and soil health. The polluted soils will yield agriculture production which is highly health hazardous. He discussed about various ways and means to avoid soil pollution to save the mother earth.

Faculty and students from the college interacted with the villagers and explained them to ban chemical fertilizers, single use plastic items, improper drainage disposal, industrial waste and explained about various methods of organic farming through posters and pamphlets.

A total of 80 students, 5 No. of Faculty and 4 No. of Lab Technicians along with 20 No. of Villagers have participated in the program. The event was attended by village elders Mr. R. Jayaram Vadiyar, Mr. P. Aadikesava Naidu, Ms. S. Kamallamma, Ms. P. Reddemma, Mr. M. Venkata Subba Naidu and other villagers.

On the whole, the event has proved successful. Activities like this help students to develop skills, establish contacts, and allowing them to improve the quality of life of others. The students will develop an attitude of giving something to society. Also, it creates realization in the budding engineers to innovate and work for society.

The photographs of the event are as follows.



Villagers of Kuchivaripalli and Students of Civil Engineering Department, SVEC

(Dr. O. ESWARA REDDY)

Professor, Head and Chairman-BOS
Faculty Advisor-IGS SVEC Student Chapter
Department of Civil Engineering

SVEC | Date: 29th September, 2019

Mohana Mantra 2019

27, 28 & 29 September 2019

Mohana Mantra is a National Level Techno-cultural Fest organized by Sree Vidyanikethan Educational Institutions once in a year. The Mohana Mantra has been students' soft spot since 2013.

This year, Sree Vidyanikethan Educational Institutions organized Mohana Mantra on 27, 28 & 29 September 2019. Mr. Vishnu Manchu, CEO, Sree Vidyanikethan Educational Trust, was pleased to inaugurate the fest on 27 September 2019. The Honorable CEO, in his inaugural address advised the student participants, to stay friendly, learn more, and enjoy the fest for three days. All the Directors, Principals, Deans, HoDs, Members of faculty, and Students attended the inauguration.

The Mohana Mantra's objective was to explore several technical and cultural events. Artificial Intelligence, Internet of Things, Sixth-sense Robotics, Blockchain and Crypto currency, Ethical Hacking, Architecture with Virtual Reality, were a few among technical events. Music, Dance, Theatre Arts, Life-style were some of the events prominent among cultural events.

Besides, several technical and cultural events, there were two pro-shows which the participants enjoyed the most. The first one was an amazing performance by one of the India's top music bands, *Threeory Band* from Hyderabad on 27 September 2019. The second one was DJ by *Robert Falcon* from Belgium performed a side-splitting show on 28 September 2019.

Around 30,000 engineering students from various parts of India participated in Mohana Mantra 2019. According to Dr. K. A. Ajmath, Convenor, Mohana Mantra 2019, 1500 student volunteers organized the fest successfully.


PRINCIPAL



Mr. Vishnu Manchu, CEO, SVET Inaugurating and addressing on Mohan Mantra 2019



Students' participation in various events in Mohan Mantra 2019



Flash Mob in Mohan Mantra 2019

www.mohanamantra.com

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Brochure of Mohan Mantra 2019



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Brochure of Mohan Mantra 2019

SVEC | Date: 25th September 2019

A Report on Principles of Green Engineering 25 September 2019

A Semi-technical talk was organized in Sree Vidyanikethan Engineering College on 25 September 2019. Dr. G. Rambabu, Associate Professor, Department of BS & H, gave a power point presentation on ‘Principles of Green Engineering.’ He has given introduction to Green Engineering and explained its significance and about the reasons which led us to follow Green and sustainable Engineering.

Further, Dr. G. Rambabu has given an insight on how Green Engineering can provide solutions for various problems like Environmental pollution, Energy Conservation, Human health protection, Economic sustainability etc. Later, he explained the manifestation of Green Engineering by a set of 12 “Principles of Green Engineering” with detailed examples which were designed by Dr. Paul T. Anastas, University of Nottingham, UK.



Dr. PAUL T. ANASTAS
UNIVERSITY OF NOTTINGHAM, UK

Principle 1: Designers need to strive to ensure that all material and energy inputs and outputs are as inherently nonhazardous as possible.



HFOs (Zero ODP & Low GWP) Envirotemp FR3 (A natural Ester fluid)

Principle 2: It is better to prevent waste than to treat or clean up waste after it is formed.

Ex: Fusion energy will eliminate the release of chemical combustion products because fossil fuels and does not form dangerous fission products that are associated with nuclear energy sources.



ITER, FRANCE

***Principle 3:* Separation and purification operations should be designed to minimize energy consumption and materials use.**

Ex: “Reversible fasteners”, including threaded fasteners rather than permanent welding joints can significantly improve the ease of material recovery, recycling, and reuse in cellular telephones to cars.



Welding joints

Reversible fasteners

***Principle 4:* Products, processes, and systems should be designed to maximize mass, energy, space, and time efficiency.**

Ex: Newly developed **solar tiles** than traditional roof tiles.



***Principle 5:* Products, processes, and systems should be “output pulled” rather than “input pushed” through the use of energy and materials.**

Ex: Direct **Metal deposition** produces less final waste than **Metal casting**.



Metal deposition



Metal casting

Principle 6: Embedded complexity and entropy must be viewed as an investment when making design choices on recycle, reuse, or beneficial disposition.

Ex: Silicon computer chips have a significant level of complexity invested in them, and it may not be efficient to recycle a silicon chip in order to recover the value of the starting materials.



Principle 7: Targeted durability, not immortality, should be a design goal.

Ex: One solution is use of new starch-based polymers which consists of food grade inputs (starch and water) and is competitive with traditional polystyrene packing.



Principle 8: Design for unnecessary capacity or capability (e.g., “one size fits all”) solutions should be considered a design flaw.

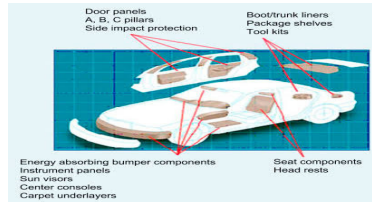
Ex: Potentially more sustainable strategy would be to install actuator and control systems throughout the distribution system that regulate the dose of chlorination.



Chlorine monitoring & Supplementation system

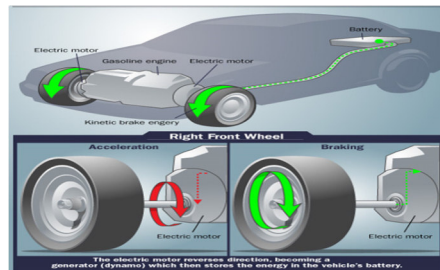
Principle 9: Material diversity in multicomponent products should be minimized to promote disassembly and value retention.

Ex : Components can be produced using a single material, such as **metallocene polyolefins**, that are engineered to have the various and necessary design properties.



- **Principle 10: Design of products, processes, and systems must include integration and interconnectivity with available energy and materials flows.**

Ex: Integrating the drive vehicles with the **regenerative braking system** reduces the vehicle’s fuel demands and significantly improves fuel efficiency.



Principle 11: Products, processes, and systems should be designed for performance in a commercial “afterlife”.

Ex: Approximately 90% of Xerox equipment is designed for remanufacture.



Principle 12: Material and energy inputs should be renewable rather than depleting.

Examples include recovering biomass feedstock, treating wastewater with natural ecosystems and bio-based plastics.

Finally, he concluded that, the Principles of Green Engineering are not simply a listing of goals, but rather a set of methodologies to accomplish the goals of green design and sustainability. Systematic integration of these principles is the key toward achieving genuine sustainability with the simultaneous benefit of the environment, economy, and society. 420 members of faculty from SVEC attended the talk and knew about Principles of Green Engineering.


PRINCIPAL



SREE VIDYANIKETHAN ENGINEERING COLLEGE

(Autonomous)



Welcomes you the

Inaugural function of

IEEE Women In Engineering (WIE) Student Branch Affinity group

&

A Technical Seminar on

"Women in Engineering: Challenges & Opportunities"

by

Dr. Neelima Satyam

Indian Institute of Technology Indore

Venue: Dasari Auditorium , SVEC

on **13th September 2019**

Organized by

Sree Vidyanikethan Engineering College IEEE Student Branch &

in association with Women Empowerment Cell, SVEC

**SREE VIDYANIKETHAN ENGINEERING COLLEGE
(Autonomous)**

Sree Sainath Nagar, Tirupati – 517 102



Department of Electrical and Electronics Engineering

Invites you

to

Inauguration of

**IEEE WOMEN IN ENGINEERING (WIE)
AFFINITY GROUP**



SBA62331

Date : 13th September 2019

Time : @ 10:00 AM

Venue : Dasari Auditorium

Chief Guest

Dr. K. Madhavi

IEEE WIE Chair, Ananthapur Subsection
JNTUA CEA Ananthapur

Guest of Honor

Dr. Neelima Satyam

Associate Professor
IIT Indore

Dr. L. Venu Gopal Reddy

Advisor cum Director, SVET

Dr. P.C. Krishnamachary

Principal, SVEC

Dr. I. Sudharshan Kumar

Director Q&D, SVET

Dr. D.V.S. Bhagavanulu

Director, SVEC

SVEC| Date: 13th September 2019

INAUGURATION OF IEEE WOMEN IN ENGINEERING (WIE) AFFINITY GROUP

13 September 2019

The Department of EEE in association with Women Empowerment Cell of Sree Vidyanikethan Engineering College launched IEEE Women In Engineering (WIE) Affinity Group on 13th September 2019.

Dr. P. C. Krishnamachary, Principal, SVEC; Dr. L. Venugopal Reddy, Advisor Cum Director, SVET; Guest of Honour, Dr. Neelima Sathyam, Associate Professor IIT Indore; Chief Guest Dr. K. Madhavi, IEEE WIE Chair, Anantapur subsection JNTUA CEA Anantapur, Directors, Deans and HoDs graced the occasion.

In the welcome address, Dr. M. Sujatha Professor & Head, Department of EEE told that the objective of the initiation was to promote IEEE & IEEE WIE by recruiting more members and volunteers to participate in IEEE WIE. During the address, Ms. Sujatha highlighted that IEEE WIE is one of the largest international professional organizations dedicated to promote women engineers & scientists and inspire girls around the world to follow their academic interests to a career in Engineering. Also, she read out the statistical data of colleges involved in IEEE WIE in various colleges and advised students to take memberships and be a part of IEEE WIE.



Dr. M. Sujatha, HOD, Department of EEE delivering the Welcoming Address

Dr. P. C. Krishnamachary, Principal, SVEC while addressing the audience congratulated the Women Empowerment Cell of SVEC for their continuous efforts to empower women in various

aspects. The Principal said that it is another credit added to Women Empowerment Cell and wished that IEEE WIE achieve more in the future by organizing a lot of workshops and events.



Dr. P. C. Krishnamachary, Principal, SVEC addressing the gathering

Dr. L. Venugopal Reddy, Advisor-cum-Director said that he is very happy to associate with IEEE WIE. Speaking on the importance of IEEE WIE, he shared a few memories regarding girl's percentage in engineering colleges and how in olden days, girl students were very less when compared with boys. Finally, he concluded that organizing this type of programme will provide more opportunities to women in the Engineering field.



Dr. L. Venugopal Reddy, Advisor Cum Director, SVET addressing the gathering

Dr. Neelima Sathyam, Associate Professor IIT, Indore was the Guest of Honour. Ms. Sathyam congratulated Dr. M. Sujatha on taking the initiative to launch IEEE WIE in SVEC. She explained the importance of IEEE Women Chapter and addressed the problems of women education. She said that the Indian population comprises 50% women but only 20% of women were enrolled in educational institutions. She also said that the education of women had become a global issue and presented the facts that the girl's strength in IITs is very less when compared to boys and emphasized that women need to be empowered further in many fields especially in Engineering.



Guest of Honour, Dr. Neelima Sathyam, Associate Professor, IIT Indore, addressing the gathering

Dr. K. Madhavi, IEEE WIE Chair, Anantapur subsection JNTUA CEA Anantapur was the Chief Guest. In her speech, she explained the importance of IEEE WIE, the objective behind its initiation, and its activities. She said that IEEE WIE supports ongoing opportunities in 900 Affinity groups in 100 countries. She also said that two different Affinity groups have been functioning for both students and staff. Finally, she concluded that students need to be encouraged to take an active part in IEEE WIE.



Chief Guest Dr. K. Madhavi, IEEE WIE Chair, Anantapur subsection JNTUA CEA Anantapur addressing the gathering

More than 200 Students, members of faculty and Staff attended the event and gained awareness on IEEE WIE Chapter.



Participants during the Inauguration

P. Chellappa
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**SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)**

Sree Sainath Nagar, Tirupati-517 102

Department of CSE

**An Outreach Programme on
“Latest Technological Advancements in
Artificial Intelligence”**

SPJNM High School, Tirupati

Invites You to Participate

6th - 7th September 2019



SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS)
SREE SAINATH NAGAR, A. RANGAMPET – 517102

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Outreach Activity
On
“Latest Technological Advancements in Artificial Intelligence”
6th -7th September, 2019.

Department of Computer Science Engineering in Association with SVEC-ACM Students Chapter organized outreach activity at **SPJNM High School, Tirupati** during 6th -7th September 2019. A Total of 09 students and 02 Faculty Members from SVEC Participated and Organized the Event. This Activity is organized for IX and X Class Students. 166 school students participated in this event.

The Basic Theme of the Outreach program is about **“Latest Technological Advancements in Artificial Intelligence”**. The committee discussed about “Basics of Artificial Intelligence, History of Artificial Intelligence, Emerging Trends in Artificial Intelligence, tic-tac-toe game playing and Various Real Time Applications of Artificial Intelligence”. All the sessions were very much interactive.

Activity Outcomes:

1. Students gained knowledge on Basics of Artificial Intelligence.
2. Students obtained exposure on Real time Applications of Artificial Intelligence
3. Students will be able to apply the skills learnt during the outreach activity in their real life as they relate to exploring career options.


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Outreach activity at SPJNM High School, Tirupati.



IV CSE Students demonstration about AI



Group activity among schools students



Prize distribution by Mr. D. Ganesh, Asst. Professor



Group photo - I



Group photo - II

Entrepreneurship Development Cell of SVEC &
Junior Chamber International (JCI) – Tirupati
Jointly Organizing



Business Week with JCI-Tirupati workshop on September 04th – 06th, 2019

Target Group: II B.Tech. Students

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**SREE VIDYANIKETHAN ENGINEERING
COLLEGE (Autonomous)**

Sree Sainath Nagar, Tirupati – 517 102

Entrepreneurship Development Cell | Date: 04th to 6th September, 2019

A Three-Day "Business Week With JCI Tirupati" Workshop

A Three-day "Business week with JCI Tirupati" workshop was organized by Entrepreneurship Development Cell and Junior Chamber International (JCI) Tirupati during 04th - 06th September, 2019.

On 04.09.2019, the programme was inaugurated by **Mr. N.B. Harsha Vardhan Reddy**, Zonal Vice-President, AP JCI, **Mr. Nataraja Manisandeep**, President, JCI Tirupati, **Dr. N.Padmaja**, Coordinator of MIIC and **Mr. B.Vishnu Vardhana Naidu**, Coordinator, ED Cell.



Felicitation to the chief Guest by Coordinators, during Inauguration

Mr. Harsha began the session on "Business Networking". He explained the process of establishing a mutually beneficial relationship with other business people and potential clients and/or customers. He mainly focused on the importance of various types of networking groups like Local business groups, Business Network International, Mastermind groups, Community service groups, Professional associations, Social media/ online business networking groups for expansion of business. He concluded with a short story about the importance of appreciation. During this session, students were interacted and clarified their doubts and learnt about how to connect with people to establish and expand the business.



Chief Guest Mr. N.B. Harsha Vardhan Reddy, Zonal Vice-President, AP JCI, giving key-note address on "Business Networking"

In the afternoon, **Mr. Revanth (Alumni of IT, SVEC), Co Founder & CEO of Beats Fitness Studio**, interacted with the students and shared his experiences. He had given a clear cut idea about what is entrepreneurship, by explaining about the problems which he had faced in his entrepreneurial career. He discussed the advantages and risks involving in entrepreneurship. The session was handled in such a way that he took the students deeply into the topic by giving the real time examples. Students were enriched by the inputs and motivated by his talk.



Mr. Revanth (Alumni of IT, SVEC), Co Founder & CEO of Beats Fitness Studio, interacting with students during the session

On **05.09.2019**, the session on "Business Accounting" was delivered by **Mr. P.Somaiah, Income Tax Auditor**. He explained systematic recording, analyzing, interpreting and presenting of financial information. He said that accounting may be done by one person in a small business, or by different teams in large organizations. Later, **Mr. Chandramouli, Corporate Trainer** continued the session and told the importance of accounting and how it helps business owners to meet their compliance obligations and how it helps them to make smart decisions with their money.



Mr. P.Somaiah, Income Tax Auditor & Mr. Chandramouli, Corporate Trainer delivering the lecture on "Business Accounting"

Students were enlightened with the series of talks and learned the procedure & importance of accounting in business.

In the afternoon, **Mr. S. Chandra Sekhar, Divisional Learning & Development Trainer**, gave a talk on "Customers Handling & Crisis Management." He began the session with the quotation "**Great service is about getting your customers to trust you and count on a consistent experience, but that doesn't mean you're always going to be perfect,**" by Eric Schiffer, CEO of DigitalMarketing.com. He explained four steps to resolve the issue and regain the customer's trust. They are: "Acknowledge the problem, Apologize for it, Take action and Follow up." He gave some case studies related to this topic.



Mr. S. Chandra Sekhar, Divisional Learning & Development Trainer, addressing the gathering on the topic-"Customers Handling & Crisis Management"

On 06.09.2019, Mr. S.Ravi Kumar, Financial Advisor, IDBI Mutual Funds, delivered a talk on "Fund Management." He said, "Funds management is an asset management – covers any kind of system that maintains the value of an entity. It may be applied to intangible assets and tangible assets. It is the systematic process of operating, deploying, maintaining, disposing, and upgrading assets in the most cost-efficient and profit-yielding way possible." Students were enlightened with the lecture and benefited by attending the session.



Mr. S. Ravi Kumar, Financial Advisor, IDBI Mutual Funds, explaining the concepts of "Fund Management"

In the afternoon, feedback on the programme is collected from the students. Students gave positive feedback and a few suggestions about the programme. The feedback session was followed by valedictory function.



Participation of students during the programme

A total of 75 students were participated and benefited by the programme.

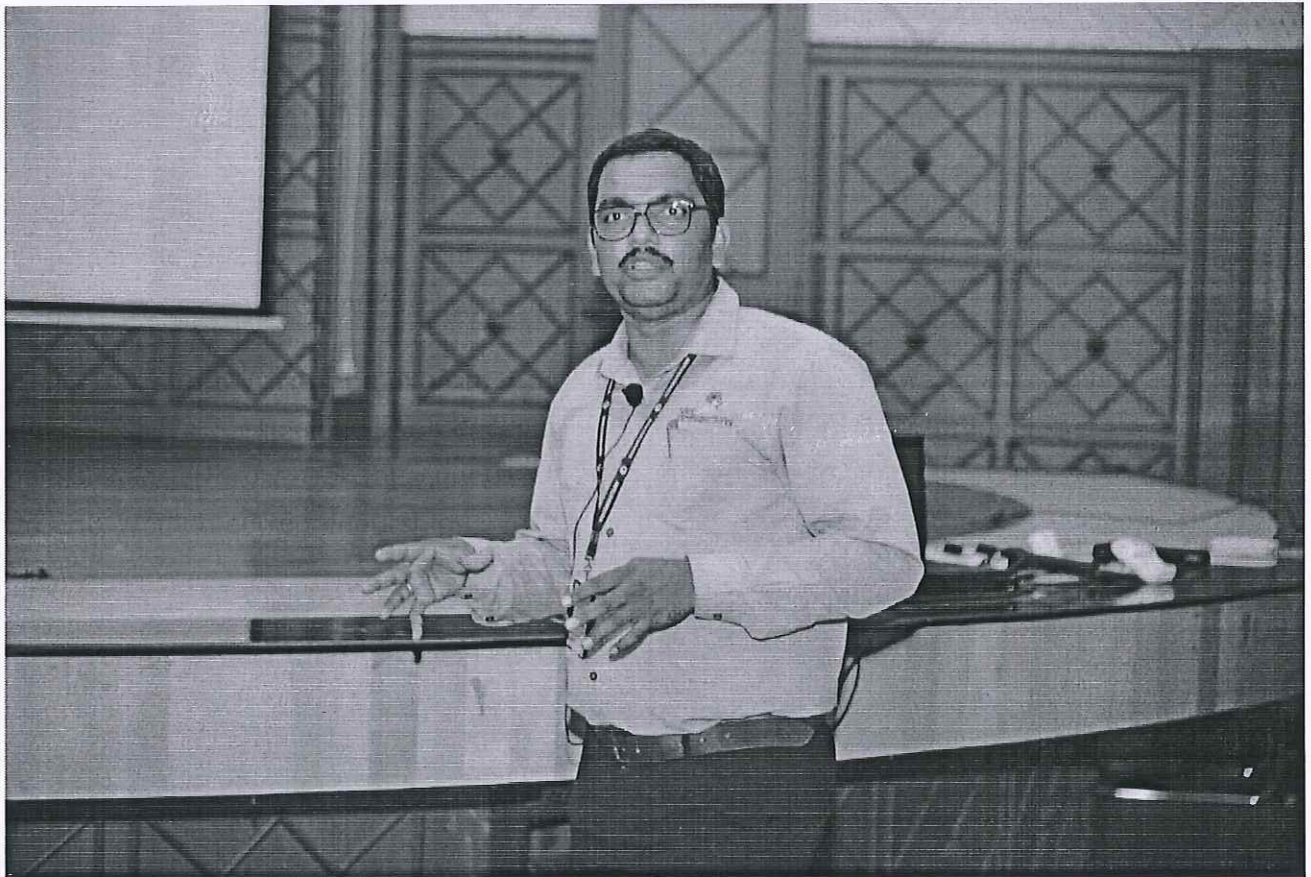
[Signature]
COORDINATOR
ENTREPRENEURSHIP DEVELOPMENT CELL
SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
SREE SAINATH NAGAR, A. RANGAMPET
TIRUPATI-517 102

Entrepreneurship Development Cell | Date: 13th August, 2019

Induction Programme on
"Entrepreneurship and Career"

An Induction programme on "Entrepreneurship and Career" was organized by Entrepreneurship Development Cell on 13th August, 2019 for **I B.Tech. students**.

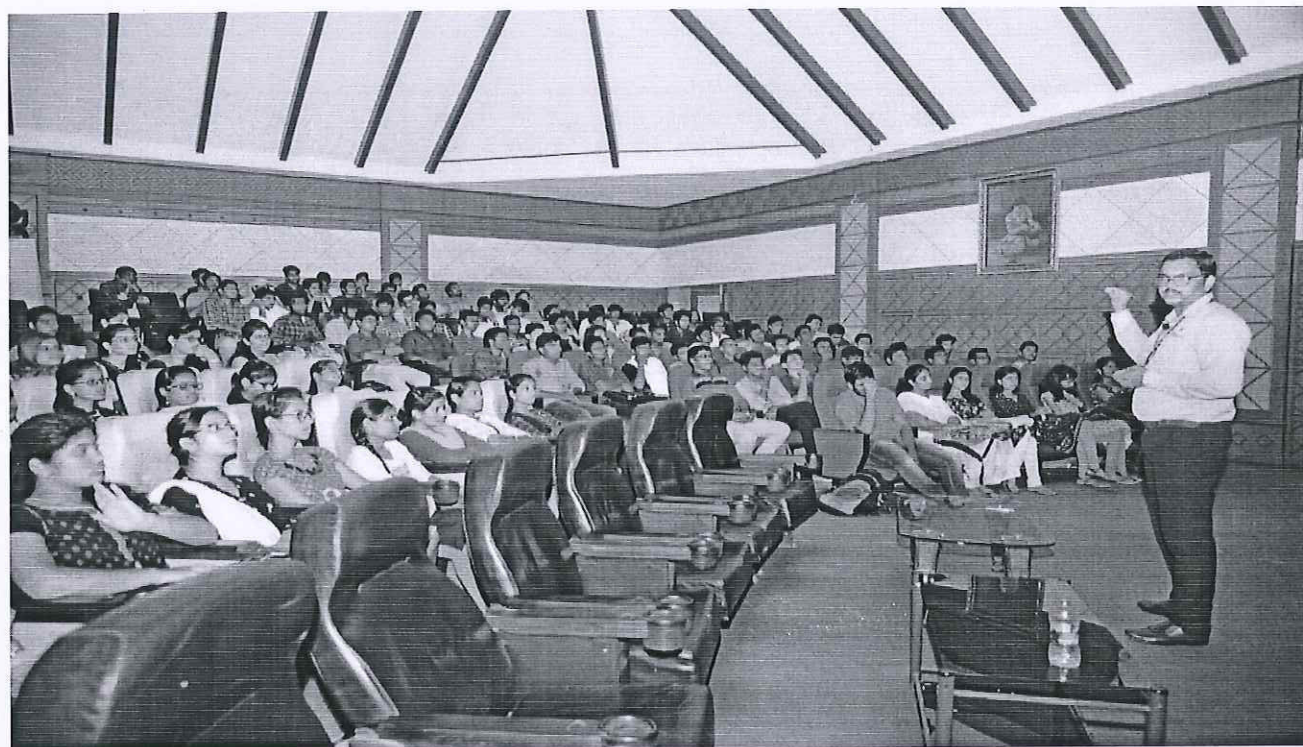
Mr. B.Vishnu Vardhana Naidu, Coordinator-ED Cell, gave awareness on Entrepreneurship and startups. He explained the concepts of Entrepreneurship, Entrepreneurship development in India, Financial growth of the country through entrepreneurship, importance of entrepreneurial career & Women entrepreneurship.



Mr. B.Vishnu Vardhana Naidu, Coordinator-ED Cell, delivering a talk on "Entrepreneurship and Career"

Mr. Vishnu, shared the stories of successful entrepreneurs to make the students understand the struggles faced by them during their entrepreneurial career. He focused on the importance of What, How & Why in business and asked the students to read the text book "Start with Why" by Simon Sinek to improve thinking skills.

Mr. Vishnu shared the information about the facilities and financial support that the college is providing to the students for starting the startups. He told about the activities of Entrepreneurship Development Cell (EDC), Venture Development Centre (VDC) & MHRD Institutes' Innovation Council (MIIC) and how they are supporting the budding entrepreneurs.



Students during the session

Mr. Vishnu mentioned and elaborated **Dr.Mohan Babu Start-up fund**. A total of 20 powerful ideas will be chosen by a panel and be awarded with **Rs. 10 lakh each**. Also, students will be assisted at every step from forming their company to registration, taxation and other complete support.

Mr. Vishnu requested the students to think about selecting the entrepreneurial career instead of seeking for jobs. The students were benefitted by the session and gained the information/knowledge about entrepreneurship, startups and the support providing by the college for starting the business. A total of 112 students were attended the session from all branches of Engineering.


COORDINATOR
ENTREPRENEURSHIP DEVELOPMENT CELL
SREE VIDYANIKETHAN ENGINEERING COLLEGE
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Department of Computer Science and Engineering

A Three Day Skill Development Programme

on

"Google Android Developer Fundamentals Phase-I" during 1st to 3rd, August, 2019

The Department of Computer Science and Engineering organized a Three Day Skill Development Programme on *Google Android Developer Fundamentals Phase-I* 74 CSE students registered and participated in the programme.

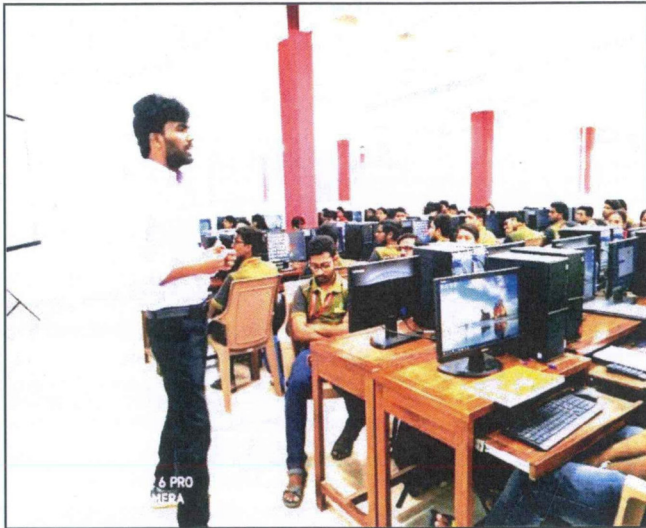
In the first session of day 1, Mr.Dr.P. Mastan Valli, Android Trainer, APSSDC (Andhra Pradesh Skill Development Corporation) briefed the important concepts of "*Installation of Android Studio and Creating User Interface*". The second session was taken by Mr. Aman Sahai, Android Trainer; APSSDC discussed various nuances of "*How to Create and Use Layouts in Android Development*". The third session was engaged by Mr. Dr.P. Mastan Valli, APSSDC, on "*Activity Life Cycle and States*" and "*Using Support Libraries*". The last session of the day was *Hands-on Practice* in which the students practiced programmes on basics of Android Application Development.

On day 2 Dr.P. Mastan Valli, Android Trainer, APSSDC discussed different issues on "*Pickers, How to Use Options Menu and Creating Radio Buttons.*" In the second session Mr. T. Venkata Chalapathi discussed "*Drawable Styles and Themes.*" The afternoon session was *Hands-on Practice* where the students simulated programmes on User interface, Layouts and Themes.

On final day, Dr.P. Mastan Valli, Android Trainer, APSSDC discussed "*How to Use Espresso to Test Your Design.*" The second session, Mr.Aman Sahai, discussed "*Asynchronous Task Loaders.*" The afternoon session was taken by Mr. T. Venkata Chalapathi who discussed "*Material Design: Lists, Cards and Colors*" The last session of the programme was *Hands-on Practice* on Simulation of Android Programmes in Google Play Store.

Outcomes:

- The students gained knowledge in advanced concepts of Java and Android User Interface
- The students developed and simulated programmes in the Android Environment.
- The students are able to design solutions for Real-time Problems.



Mr. P. Masthan Valli, Android Trainer, APSSDC delivering a lecture on "Android Application Development"



Mr. T. Venkata Chalapathi, Android Trainer, APSSDC delivering a lecture on "Drawable Styles and Themes"



The Trainers of Android Application Development Phase - I



The HoD-CSE, Coordinators, APSSDC Trainers and Participants of Google Android Developer Fundamentals Phase-I

P. Chelvan
PRINCIPAL

The First Review Report

on

GRAND CHALLENGE SCHOLARS PROGRAMME

1st August, 2019

The American based National Academy of Engineering's 14 Grand Challenges for engineering calls for a new *Engineering Education Paradigm*. In this regard, The Duke's Pratt School of Engineering, The Franklin W. Olin College of Engineering, and The University of Southern California's Viterbi School of Engineering proposed a new education model to prepare engineers to be world changers. The programme was endorsed by the National Academy of Engineering (NAE) in February 2009 also known as Grand Challenges Scholars Programme (GCSP). The GCSP is a combination of curricular, co-curricular, and extra-curricular activities aim at four cross-cutting themes such as *Sustainability, Health, Security, and Joy of Living* with 14 challenges.

Across the globe, around 122 institutions are the members of this group. Sree Vidyanikethan Engineering College is the first representative from India, which submitted the complete proposal, got approval, figured in GCSP's website and focusing on *five* core GCSP's components.

The activities undertaken so far are:

- Conducted an awareness programme and screening tests for the students of III-B.Tech.
- Selection of the students for the GCSP of 2018-2019 was finalized.
- Research problems of the III B.Tech, 2018-19 were identified.
- SVEC representatives attended *International Conference on Transformations in Engineering Education* as an ambassador for GCSP at MLREC, Hyderabad.
- SVEC was recognized as a promoter of GCSP in India, and conducted an awareness programme at Hyderabad Institute of Technology and Management, Hyderabad, Telangana.
- Conducted an awareness programme and screening tests for students of II B.Tech 2018-19.

GCSP committee conducted its inaugural review on 1 August 19 for the student teams who are working under the GCSP themes of *Making Solar Energy Affordable, Restoring and Improving Urban Infrastructure, Securing Cyber Space and Providing Access to Clean Water.*

Dr. D.V.S. Bhagavanulu, SVEC-GCSP Director, Dr. B. Narendra Kumar Rao, SVEC-GCSP Coordinator, Mentors of different GCSP themes and the students attended the first review presentation.



The mentors reviewing work and progress

The students of SVEC under the mentorship of Dr. Hemadri Prasad Raju, gave a presentation on *Access to Clean Water Using Herbs.* Their presentation aims at reliable real time detection of microorganisms in treated water by using advance biosensors device.

A few students of SVEC under the mentorship of Dr. K. Khaja Basheer, gave a presentation on *Designing and Monitoring Automatic Plantation System for Eco-friendly Environment in Smart Roads Using ICT and IoT Technology.* The students focus on *Monitoring of Plants* which affects environmental conditions and urban road-side plantation.



The mentors and the students with different GCSP themes

A group of students of SVEC under the guidance of Dr. B. Narendra Kumar Rao, gave a talk on *Intelligent Threat Monitoring Framework for IoT*. Its aim is to provide a unified intelligent framework based architecture which in turn provides threat monitoring for different IoT based networks.

The students under the mentorship of Dr. S. Farook, gave a presentation on *Making Solar Energy Economical*. The team of students focuses on how to reduce the space utilization in solar power batteries by replacing Li-ion batteries with paper batteries and increasing the solar power storage efficiency.

Finally, D.V.S. Bhagavanulu, SVEC-GCSP Director and the Members of Committee gave their remarks on the presentations and the suggestions to be incorporated. Thus, the students' presentations ended on a positive note.

P. C. Chandra
PRINCIPAL

A REPORT ON

**PAVITHRA PROJECT-HYGIENE
FOR ADOLESCENT GIRLS & WOMEN**

31st July 2019

The Women Empowerment Cell of Sree Vidyanikethan Educational Trust in association with 'Art of Living Foundation' organized a program on **"PAVITHRA Project-Hygiene for Adolescent Girls and Women"** on 31st July 2019.



***Smt. C. S. Vijaya Lakshmi, Teacher in 'Art of Living Foundation'
& Retired Employee of Andhra Bank delivering a Lecture***

Mrs. C. S. Vijaya Lakshmi, a teacher in '**Art of Living Foundation**' and retired employee of Andhra Bank organized Yoga & Meditation sessions for girl students, women faculty and staff. She explained the importance of PAVITHRA project. She said that the project was launched in March 2018 and the vision of this project is to empower girls and women with knowledge and awareness on menstrual health and hygiene.



Students, Faculty and Staff Practicing Yoga

Mrs. C. S. Vijaya Lakshmi said that woman's menstrual health is crucial to her well-being, and also to the well-being of her family and community. But in the developing global scenario, customs and institutional biases prevent women from taking care of the Menstrual Health Care. She educated the girl students about the changes that occur in adolescence.



Students, Faculty and Staff Practicing Bhujangasan

She demonstrated six asanas starting with Butterfly asana, followed by the series of Jhanusirshasana, Dhanurasana, Bhujangasana, Ardavristasana; Sasankasanam. She also demonstrated two pranayamas: Bhastrika pranayama, and Brahmari pranayama. Further, she demonstrated three mudras; Vathanasaka mudra, Surya mudra, and Sakthi mudra. At the end of the session, she asked students to practice the meditation and explained the importance of the asanas and how they complement good health.



Finally, she concluded with some tips to improve personal hygiene and health. About 100 Students, Faculty and Staff got benefitted by the program.

A handwritten signature in black ink, appearing to be in Urdu or Arabic script, written over a light blue circular stamp.

Convener, WEC

A Seminar on
GOAL SETTING AND CAREER GUIDANCE
(20th July 2019)

The Placement and Training conducted a seminar on "Goal Setting and Career Guidance" in association with Career Launcher, Tirupati, for the students of II B.Tech. - I Semester on 20th July 2019 at Dasari Auditorium.

Mr. N. Sridhar, Director, CL Educate Ltd., and Mr. Samuel Reddy, Business Development Manager, CL Educate Ltd., were the resource persons. Around 1200 students from various branches of engineering attended the seminar.

Mr. N Sridhar, Director, CL Educate, while enlightening the students on *Goal Setting* highlighted the prerequisites such as planning, preparation, and execution. He advised the students to set their goals in a SMART (*Specific, Measurable, Achievable, Realistic, Timely*) way. He further explained the significance of SWOT analysis and its influence on setting a goal.



Mr. N Sridhar, Director, CL Educate Ltd. giving seminar on Goal Setting



Students actively responding to the Speaker

Besides, the seminar focused on a stream of career prospects through higher education. The students were made aware of the admission process into MBA programs through various entrance examinations like *Common Admission Test (CAT)*, *Management Aptitude Test (MAT)*, *XAT*, *FMS*, *Graduate Management Admission Test (GMAT)*, *Test of English as a Foreign Language (TOEFL)*, *International English Language Testing System (IELTS)*. The students were familiarized on eligibility criterion to pursue their *Masters* at top universities in India and overseas as well.



Mr. Samuel Reddy, Business Development Manager, CL Educate interacting with Students on Career Guidance



Students' Participation during the Session

To sum up, the seminar was beneficial to 1200 II B. Tech students and helped them gain knowledge about career prospects. The students were delighted to know abundant opportunities from which they could build their careers.

P. C. Choudhary
PRINCIPAL

SVEC | Date: 17 July 2019

Communication - A Powerful Tool for Success
17 July 2019

A Semi-technical lecture "Communication - A Powerful Tool for Success" was delivered by Dr. M. Ravichand, Professor of English, Department of Basic Sciences and Humanities on 17-07-2019 at Dasari Auditorium in Sree Vidyanikethan Engineering College, Tirupati.



Participants listening to the Lecture

The lecture was well received by the participants. He has given wonderful tips on how to develop communication skills. The programme helped participants to improve the accuracy and fluency of their pronunciation; understand a range of real-world listening materials and to demonstrate basic interpersonal communication skills necessary for informal communication; Around 400 participants attended and were benefitted by the programme.


PRINCIPAL

Entrepreneurship Development Cell

Awareness and Interactive Session on "Start-ups & Leadership"

06th July, 2019

Entrepreneurship Development Cell of Sree Vidyanikethan Engineering College organized an awareness & interactive session on "Start-ups & Leadership" on 06.07.2019.

Dr. I. Sudarsan Kumar, Director Quality & Development, introduced the resource person **Prof. Daniel McQuade-Columbia Business School, President of McQuade Marketing**. The introduction accentuated his contributions towards solving problems in Start-up and Entrepreneurship domains.



Dr. I. Sudarsan Kumar, Director Quality & Development, introducing the resource person to the august gathering

Prof. Daniel McQuade addressed the programme and shared his insights faced by India and the World.

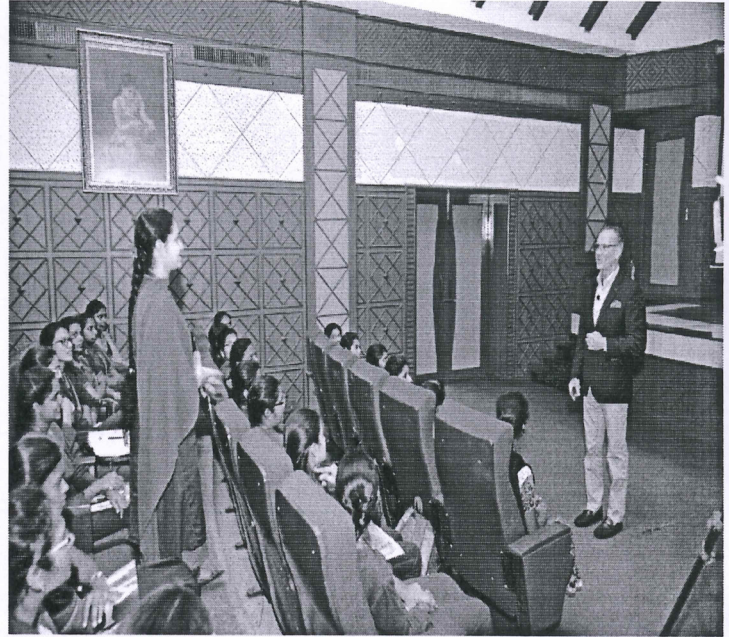


Prof. Daniel McQuade-Columbia Business School, President of McQuade Marketing addressing the members of faculty & students

Prof. Daniel while addressing students and members of faculty of SVEC triggered essential questions in the young minds. And also he addressed the gray areas in imitation and innovation that influence the success rate of startups and many business industries. He covered topics like Age of disruption, Leadership skills and Seafood Industry heuristics.

Prof. explained the need of analyzing skills to face risks and consistency in developing skills. "You are the multiplier for the development of future India" was his message for aspiring young students. He also, asserted "never create a solution to the problem that never existed".

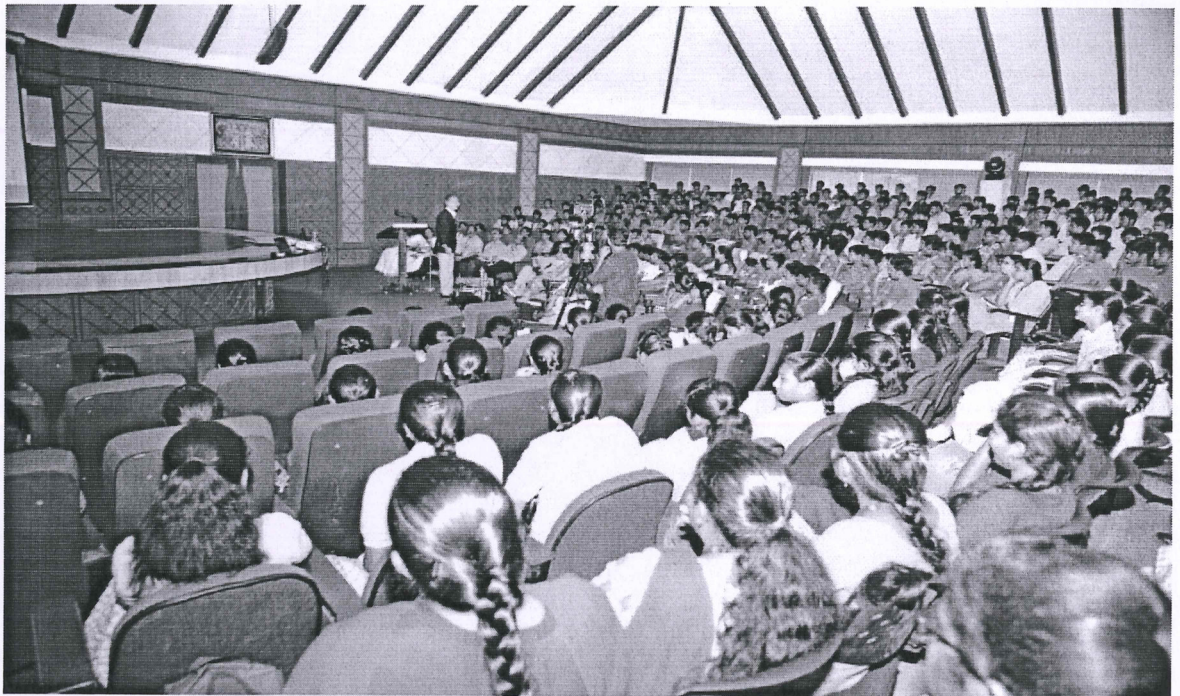
Further, the students interacted with Prof. Daniel clarifying their doubts in startups and ventures. He strongly suggested them, "Build something for people they want to buy, but not what you want to sell something to them."



Students clarifying their doubts in start-ups & ventures by interacting with Prof. Daniel McQuade



Participants



The Director Q&D concluded the programme by summarizing the essential points and take home formulae shared by the speaker.

**COORDINATOR
ENTREPRENEURSHIP DEVELOPMENT CELL
SREE VIDYANIKETHAN ENGINEERING COLLEGE
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