

SRI VENKATESWARA COLLEGE OF ENGINEERING

SVCE INNOVATES 2018

Students' Research Day

Circular

The best innovations of 2018, by the students of SVCE, would be identified by conducting a contest. This is being organized as a college wide event for the fifth time with the following objectives:

To nurture an interest in research and to provide an opportunity to the students to exhibit their creative skills

To inculcate the spirit of healthy competition and to encourage inter-disciplinary innovations

This is intended for undergraduate and postgraduate engineering students of all the departments in our campus.

Competition details

Abstract should be submitted in a maximum of 500 words and the format for the abstract can be downloaded from the website.

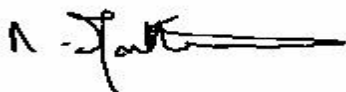
Important Dates

Submission of an abstract of the innovative ideas	: 28.2.2018
The results of the short listed abstracts	: 10.3.2018
Final event will be held on SVCE students Research Day	: 23 March 2018

Team can consist of 2-3 students. Interdisciplinary teams are encouraged. Each team must have a faculty mentor.

Certificates would also be given to the faculty mentors of the winning teams. A panel of judges from the industry and academia will evaluate the innovative ideas.

All the participants will have to demonstrate the ideas using poster/Models/software prototypes.



Dr R Muthucumaraswamy, Dean (Research)

SRI VENKATESWARA COLLEGE OF ENGINEERING

EVENT: SVCE INNOVATES 2018

Students are requested to submit their abstract to the respective department research coordinator through e-mail and also submit the hard copy of the abstract and registration form

S.No	Department	Research Coordinator	e-mail Id
1.	AE	Dr S Premnath	prem@svce.ac.in
2.	BT	Dr S Prabhu	sprabhu@svce.ac.in
3.	CE	Dr V Tamizhselvi	tamizhselvi@svce.ac.in
4.	CH	Dr R Palani	rpalani@svce.ac.in
5.	CS	Ms N Revathy	revathi@svce.ac.in
6.	EC	Dr S R Malathi Mr S R Balasubramaniam	malathiraj@svce.ac.in srb@svce.ac.in
7.	EE	Dr S G Bharthidasan Ms S Arulmozhi Mr S Purushothaman	bharathi@svce.ac.in arulmozhi@svce.ac.in purush@svce.ac.in
8.	IT	Mr K Suresh	ksuresh@svce.ac.in
9.	ME	Dr M Ananth Kumar Dr S Ilaiyavel	ananthkumar@svce.ac.in ilaiyavel@svce.ac.in
10.	MR	Mr M Anandan	anand@svce.ac.in

SRI VENKATESWARA COLLEGE OF ENGINEERING

SVCE INNOVATES 2018

STUDENTS' RESEARCH DAY

Registration form

Title of the Innovative idea/Project:

Details of the team

Team Member	Name	Branch & Year	Mail Id	Mobile number
1				
2				
3				
Faculty (Mentor)				

Broad areas under which this research work can be categorized:

1.

2.

3.

SVCE INNOVATES 2018

Title of the innovative idea/project:

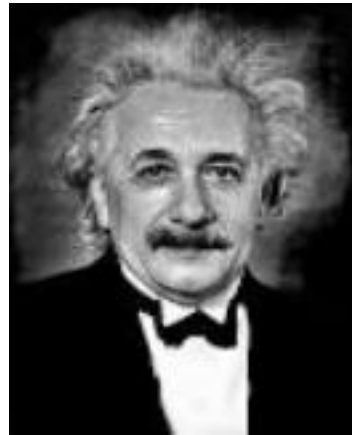
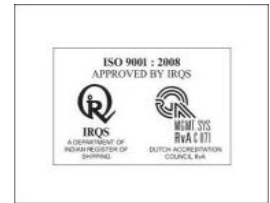
Team ID(to be assigned by department coordinator) :

ABSTRACT



SRI VENKATESWARA COLLEGE OF ENGINEERING
Autonomous Institution- Affiliated to Anna University

Pennalur, Sriperumbudur - 602 117



The Management, Staff and Students

Cordially invite you for the

INAUGURAL FUNCTION OF SVCE INNOVATES 2018- STUDENTS' RESEARCH DAY

Dr CHAKRAVARTHY BALAJI

Professor, Heat transfer and Thermal Power Laboratory
Department of Mechanical Engineering
Indian Institute of Technology Madras, Chennai 36.

Prof. K R SANTHA

VICE Principal, Sri Venkateswara College of Engineering
Will preside over the function

Venue : Function Hall, Date and Time: 23rd March 2018, 9.30 AM

ALL ARE WELCOME

Time**Program****9.30 am - 9.35 am****Prayer song****9.35 am – 9.45 am****Welcome address by
Prof. R Muthucumaraswamy
Dean (Research)****9.45 am – 10.15 am****Inaugural address by
Dr K R Santha
Vice Principal, SVCE.****10.15 am – 10.25 am****Tea Break followed by
Demonstrations and Presentations of
Projects by Students in Multipurpose Hall
(AE/CE/CS/EC/EE/IT/ME/MR)
and Drawing Hall (I floor-BT/CH)****11.15 am – 12.15 pm****Invited talk on Joy of Research
By Dr Chakravarthy Balaji
Member of Research Advisor Board(SVCE)
IITM, Chennai.**

Sri Venkateswara College of Engineering,
Students Research Day (SVCE INNOVATES 2018)

26.3.2018

REPORT

‘Students Research Day 2018’ an annual event, was held on the 23 March 2018 (Friday) and the function was inaugurated in the Function hall at 9.30.AM. The event held under the name “SVCE’ Innovates 2018, seeked to channelize the creative ideas of the students and their faculty mentors in to viable projects which would enhance the research output of the college and the knowledge base of the students and the mentors. The event was organized by Dr.R.Muthucumaraswamy, Dean (Research) and the UG members of the student council. Additionally they were supported by the research coordinators (faculty) from each department. The initial circular, inviting the UG and PG students of the various departments of the college to submit their abstracts was released on the 5th February 2018. Students were allowed to group themselves in to batches of 2 to 4 students per batch and were to be mentored by a faculty member. The response from the students was very enthusiastic in spite of the tight academic schedule. Around 21 abstracts from our department were submitted. Around 48 students participated in the research competition

List of Participants

S. No	Year & Roll no	Name of the student & Roll no.	Title	Name of the Mentor
1.	I - A	P. Harshitha (40) A.R. Heera (42) P.Jagathratchagan (44)	Advanced Feature in Call Log-Text Call	Ms.G. Janakasudha AP/CSE
2.	I - C	Soorya Prakash.R (132) Suhasini. L (139) Sivayalini.S (128)	TN buses app and TN Travel Card	Ms.G. Janakasudha AP/CSE
3.	I – C	Vignesh Shankar (156) Swaran I (145)	EduPortal	Ms.N. Revathi AP/CSE

4.	II - A	Ajaysaba.A (17)	An Approach to use GSM Wi-Fi hotspot signal for making calls at zero coverage areas.	Mr. Arul. P AP/ECE
5.	II - B	A. Mohamed Anan (88) Kaushik Giriajan (75)	MakeSpace	Mr. B. Praveen Kumar AP/CSE
6.	II - B	Raguraman.T (118) Rakesh.E (123) Ragul Krish.N (117)	Accident Detection and Theft Protection System	Mr. B. Praveen Kumar AP/CSE
7.	II - A	V. Durairaja Vigneshwar (48) V. Ganesh Prabhu (51)	Automated Reporter and Protector (ARP) system	Ms. T. Padmavathy AP/CSE
8.	II - B	Kailash S (70) Koushika K (80)	Voice based E-mail service for Visually Impaired	Ms. Rajeswari N AsP/CSE
9.	II - B	Jeeva R (69) Rajadurai C K (119)	Wall -E- Robot	Mr. M. Adimoolam AP/CSE
10.	II & III	Santhosh Kumar J(III yr-C, 128) Mahesh G K (II yr- B, 84) Koushika K (II yr - B, 80)	Non-Invasive Diabetes monitoring System	Dr. Balamurugan N M AsP/CSE
11.	III - C	Vigneshwaran M (170) Subash S (144)	DriveBoy	Dr. K.S. Gayathri AsP/CSE
12.	III - A	Akash Saravanan (10) Gurudutt Perichetla (43)	Adaptive Content Generation using Facial Recognition & Deep Learning	Dr. K.S.Gayathri AsP/CSE
13.	III - A	Hariharan V (44) Deepak R (35)	Mitral Valve Prolapse Analyser	Dr C Jayakumar Prof/CSE
14.	III - C	S Santhosh Kumar (129) V Shrivatsun (139)	Intelligent Bot	Mr. Yuvaraj S AP/CSE
15.	III - C	A.Sri Vardhamanan (143) R. Subharshana Raghavan (145)	Chat Bot for Scholars (without using API)	Mr. Yuvaraj S AP/CSE
16.	III - A	B. Devika N. Hemanth Ramya (50)	Machine Learning Based Missing Child Tracking System (MCTS)	Ms. D.Sasikala AP/CSE

17.	III – A & B	Aparna.V (19) Madhuvanti M (72)	Comprehensive Learning Tool using Information Extraction from Text	Ms. E. Rajalakshmi AP/CSE
18.	III - B	Pravesh Agarwal (109) Praveen Balaje (108) Pranav kumar (103)	Automated Cafeteria Admin	Mr. B. Praveen Kumar AP/CSE
19.	IV - C	R Sai Venkatesh (130) Vijay Vignesh P (174)	Blend the Concept	Ms. G. Janakasudha AP/CSE
20.	IV - C	S.Supraja (160) F. Thaslima Nasreen (167)	URL Phishing Analysis using Machine Learning	Ms. S. Poorani AP/CSE
21.	M.E. (CSE- IYr)	A.B. Hemalatha (02) R. Rajyashree (06)	Paradise Regained	Ms. R. Gayathri AP/CSE

Total number of abstracts received: 21

Total number of Students : 48

Total number of mentors : 15

The Event

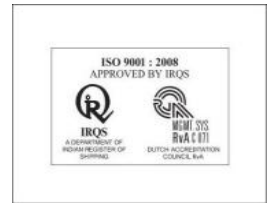
On 23.3.2018(Friday), after welcome address by the Dean (Research), the event was inaugurated by our Vice Principal Dr K R Santha, Professor and Head/EE. Vice principal appreciated the students who take part in research competition. She advised and motivated the students to take part in research activities apart from academics. A table was provided to each of the shortlisted batches, where they put up a poster, a hardware model and a laptop for power point presentation.

Dr.L.Shyamala, Associate Professor, SCOPE, Vellore Institute of Technology acted as the judge for the event. The judge examined each project idea in detail. The ideas were highly appreciated. The judge also felt that some of the ideas can be commercialized. Apart from the prize winners, participation certificates were issued to all the students. Certificate of appreciation was distributed to all the mentors.



SRI VENKATESWARA COLLEGE OF ENGINEERING

Pennalur, Sriperumbudur - 602 117



Laplace

The Management, Staff and Students

Cordially invite you for the

VALEDICTORY FUNCTION OF

SVCE INNOVATES 2018

STUDENTS' RESEARCH DAY

Address by

Dr C ANAND BABU

Head-Technology Innovation centre

Professor, Department of Chemical Engineering

SRI VENKATESWARA COLLEGE OF ENGINEERING

Venue : Function Hall

Date and Time : 23rd March 2018, 2.30 PM

ALL ARE WELCOME

<u>Time</u>	<u>Program</u>
2.30 pm – 2.35 pm	Prayer song
2.35 pm – 2.40 pm	Welcome address by Prof. R Muthucumaraswamy Dean(Research)
2.40 pm – 2.50 pm	Valedictory address by Dr C Anand Babu Head(TIC) and Professor Department of Chemical Engineering
2.50 pm – 3.05 pm	Prize distribution by Head (TIC)
3.05 pm – 3.10 pm	Vote of Thanks
3.10 pm – 3.15 pm	National Anthem

Thank you

Prize Winners

S. No	Year & Roll no	Name of the student & Roll no.	Title	Name of the Mentor	Prize
1.	CS	V.Durairaja Vigneshwar (48) V.Ganesh Prabhu (51)	Automated Reporter and Protector (ARP) system	Ms. T. Padmavathy	First Rs. 300/-
2.	CS	S Santhosh Kumar (129) V Shrivatsun (139)	Intelligent Bot	Mr. Yuvaraj S	Second Rs. 200/-

The valedictory function was held in the afternoon at 2.30 PM in Function Hall. We invited Dr C Anand Babu, Head, Technology Innovation Centre and Professor/CH, for the Valedictory function to distribute cash prizes for first place, second place and appreciation certificates for first three places. Head (TIC), addressed the students and commended the students for their excellent work. He further suggested that these should be further pursued and converted in to patents and entrepreneurial venture.



Ms.N.Revathi
Research Coordinator/CSE



Dr R Muthucumaraswamy
Dean (Research)