

SRI VENKATESWARA COLLEGE OF ENGINEERING

SVCE INNOVATES 2019

Students' Research Day

Circular

The best innovations of 2019, by the students of SVCE, would be identified by conducting a contest. This is being organized as a college wide event for the sixth 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

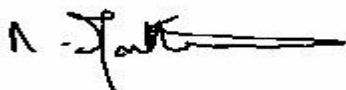
Submission of an abstract of the innovative ideas : 8.3.2019

Final event will be held on SVCE students Research Day : 22 March 2019

Team can consist of 2-3 students. Interdisciplinary teams are encouraged. Each team must have a faculty mentor. All participants will get participation certificates.

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 2019

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	Ms A C Vijayalakshmi	vijee@svce.ac.in
5.	CS	Ms N Revathy	revathi@svce.ac.in
6.	EC	Dr S R Malathi	malathiraj@svce.ac.in
7.	EE	Dr R Karthikeyan Mr S Purushothaman	rkar@svce.ac.in purush@svce.ac.in
8.	IT	Dr C Yaashuwanth Mr K Suresh	yaashuwanth@svce.ac.in ksuresh@svce.ac.in
9.	ME	Dr M Gajendran	mgaja@svce.ac.in ilaiyavel@svce.ac.in
10.	MR	Mr M Anandan	anand@svce.ac.in

SRI VENKATESWARA COLLEGE OF ENGINEERING

SVCE INNOVATES 2019

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 2019

Title of the innovative idea/project:

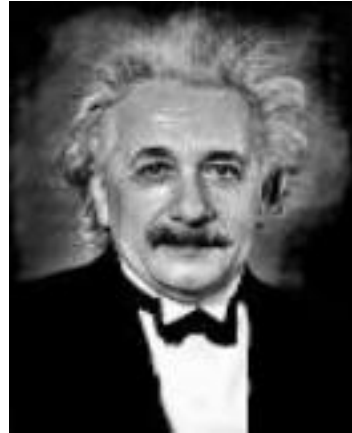
Team ID(to be assigned by department coordinator) :

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 2019- STUDENTS' RESEARCH DAY

Dr K P JAYA

Director (Research), Centre for Research
Professor, Division of Structural Engineering
Anna University, Chennai 25.

Prof. M SIVANANDHAM

Secretary, Sri Venkateswara Educational and Health Trust
Will preside over the function

Venue : Function Hall, Date and Time: 22nd March 2019, 10.00 AM

ALL ARE WELCOME

Time

Program

10.00 am – 10.05 am

Prayer song

10.05 am – 10.15 am

**Welcome address by
Prof. R Muthucumaraswamy
Dean (Research)**

10.15 am – 10.25 am

**Address by
Dr M Sivanandham
Secretary, Sri Venkateswara Educational
and Health Trust**

10.25 am – 10.30 am

**Introduction of Chief guest by
Miss. Madhuvanti M, President
Students' Association- SVCE**

10.30 am – 11.00 am

**Inaugural address by
Dr K P Jaya
Director (Research)
Centre for Research
Anna University, Chennai 25**

11.00 am – 11.15 am

**Tea Break followed by
Demonstrations and Presentations of
Projects by Students in Multipurpose Hall
(CE/CH/CS/EC/EE/IT/ME/MR)
AE – Near Automobile Lab
and BT- Seminar Hall (I floor)**

**Sri Venkateswara College of Engineering,
Students Research Day (SVCE INNOVATES 2019)**

28.3.2019

REPORT

‘Students Research Day 2019’ which has now become an annual event, was held on the 22 March 2019 (Friday) and was inaugurated in the Function hall at 10.00 AM. The event held under the name “SVCE’ INNOVATES 2019, seeks 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 26 abstracts from our department were submitted. Around 64 students participated in the research competition

List of Participants

S. No	Year & Section	Name of the student & Roll no.	Title	Name of the Mentor
1.	I - C	S.Surajram (154) Sree Vishal .R (143) Swatika Ayyappan (155)	Voice based Email for the visually challenged	Ms. G. Janakasudha AP/CS
2.	I - C	Shruthakeerthy S (137) Shruti Srivatsan (138) Uma S (164)	The Vote@Home Application	Ms. G. Janakasudha AP/CS
3.	I - C	Visali Alagappan (173) Yerragogu Harshitha (182) Shruthi. S (150)	Driver Drowsiness Detection System	Ms. G. Janakasudha AP/CS
4.	I - A	Humaid Abdullah. A (59) Dhivya.B.G. (38)	Unique and Centralized Maintenance of Electronic Health Record (UCMoEHR)	Ms.T. Padmavathy AP/CS
5.	II - A	P. Harshitha (40) A.R. Heera (42) P. Jagathratchagan (44)	Keyword Extraction	Ms. G. Janakasudha AP/CS

6.	II - A	R. Gunashrie (34) B. Harinishree (37) M. Janani (46)	Web App On Chat Application	Ms. J. Bhuvana AP/CS
7.	II – A, B	Chitra N (22) Rasswanth S (101)	RcHealth	Ms. P. Vinothiyalakshmi AP/CS
8.	III - A	Dhejeshwar S (44) Hari Prasath T S (53)	Automated Attendance System	Ms. D. Sasikala AP/CS
9.	III - A	Ajay Athitya R (16) Durairaja Vigneshwar V (48) Aishwarya A (15)	Vision-X	Ms. G. Janakasudha AP/CS
10.	III - A	Abisek K S (8)	Prevention of Fake Insurance claims	Dr. P.Janarthanan Asso. Prof/CS
11.	III - A	Ganesh Prabhu V (51) Harish Sandesh S (59)	Glimpse - Advanced Safety Path Finder	Mr. K. Srinivasan AP/CS
12.	III- A	B.Harish Manikandan (58)	Microbots in Cyber Security	Dr.N. M. Balamurugan Asso. Prof/CS
13.	III - A	Arjun Aravind (30) Aravind Balakrishnan (27) K S Aditya Krrish (11) Aparajita S (24) Harini Ashok (56) Divya Gurumoorthy (46)	Detection of Choking in Air Filters	Dr. N. M. Balamurugan Asso. Prof/CS
14.	III - A	Adela Florence C (10) Brammi J (37) Dhivya. R (45)	Insurance Voice Bot	Dr. R. Anitha HoD & Prof/CS
15.	III – B, C	R Shravan Dheep (144) Mohamed Anan (88)	LeaRNN	Dr. K. S. Gayathri Asso. Prof/CS
16.	III - C	K. Ramsudhan (125)	VTOL_Hovercraft_Copter	Ms. N. Revathi AP/CS
17.	III - B	Subhiksha D (165) Vaisali S (177)	Drug Recommendation System (Medhelp)	Ms. V. Rajalakshmi AP/CS
18.	IV - B	Karthika. G. K (62) Kolla Jaya Krishna (69)	Smart Health MonitoringBand using IoT	Ms. S. Poorani AP/CS

19.	III - A, C	Sivasubramaniyan S(152) Srivarshini M (160) Deepthi P.S(40) Dharshina V(43)	Any Time Medical Assistance and Medicine Vending Machine	Dr.P.Janarthanan Asso. Prof/CS
20.	II - PG	Harish S (1)	Smart Home based Prediction of Symptoms of Alzheimer's disease using Machine learning and contextual approach	Dr. K. S. Gayathri Asso. Prof/CS
21.	II – B	Saiharshith K R (109) Mahalakshumi V (68) Prasannakumar P (90)	Tracking the progress of diseases using Neural Networks	Ms. Iyswarya R AP/CS
22.	II – B	Pavitra Mohandas (85) Merin Ann Jose (72) Priyadharshini V (92)	Med-Cloud Your first Doctor	Ms. Iyswarya R AP/CS
23.	II - C	B. Vasupradha Bhat (154) Vishnupriya R (162)	Smart Blind Stick	Dr. N. Rajeswari Asso. Prof/CS
24.	II-A	Athmaja R (14) Barath Aakaash L A (16) Kabilesh R (55) R. Adithya (03)	KILL A WATT	T Rajasekaran AP/CS
25.	II - PG	Hemavathy M	Green Aware based VM-Placement in Cloud Computing Environment using Extended Multiple Linear Regression Model	Dr.R.Anitha HoD & Prof/CS
26.	II - B	Vignesh S (156) KrishnaKanth A (60)	Job Competency	Dr.R.Anitha HoD & Prof/CS

Total number of abstracts received : 26

Total number of Students : 64

Total number of mentors : 16

The Event

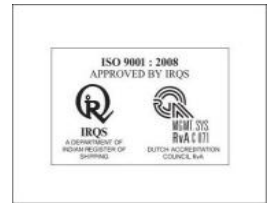
On 22.3.2019(Friday), after welcome address by the Dean (Research), the event was inaugurated by **Dr K P Jaya, Director(Research), Professor, Division of Structural Engineering, Anna University, Chennai** and our Secretary preside over the function. Secretary appreciated the students who take part in research competition. 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 T Ruso, Associate professor,Department of Computer Science and Engg.,Saveetha School of Science and Engineering was the judge and examined each of the project ideas in detail. He appreciated the ideas put up by the students. For the record, he recommended that prize can be given to the ideas mentioned in Table below. The judge 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 2019

STUDENTS' RESEARCH DAY

Address by

Prof. S GANESH VAIDYANATHAN

Principal

SRI VENKATESWARA COLLEGE OF ENGINEERING

Venue : Function Hall

Date and Time : 22nd March 2019, 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 Prof S Ganesh Vaidayanathan Principal
2.50 pm – 3.05 pm	Prize distribution by Principal
3.05 pm – 3.10 pm	Vote of Thanks
3.10 pm – 3.15 pm	National Anthem



Thank you

Prize Winners

S.No	Year and Branch	Name of the students	Project Title	Name of the mentor	Prize
1.	CS	Athmaja R Barath Aakaash L A Kabilesh R R. Adithya	Kill a WATT	T Rajasekaran AP/CS	First Rs. 500/-
2.	CS II year	Ganesh Prabhu V Harish Sandesh S	Glimpse - Advanced Safety Path Finder	Mr. K. Srinivasan AP/CS	Second Rs. 500/-
3.	CS I Year	S.Surajram Sree Vishal .R Swatika Ayyappan	Voice based Email for the visually challenged	Ms. G. Janakasudha	Third Rs. 300/-

Sample Photographs



The valedictory function was held in the afternoon at 2.30 PM in Function Hall. Our Principal preside over the Valedictory function to distribute the cash prizes for winners along with the certificate of appreciation for the first three places. Principal appreciated all the participants and prize winners for their active participation and suggested that these should be further pursued and converted in to patents and entrepreneurial venture.

N. Revathi

Ms.N.Revathi
Research Coordinator/CSE

Dr R Muthucumaraswamy

Dr R Muthucumaraswamy
Dean (Research)