



VIT[®]
Vellore Institute of Technology



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FEB
NEWSLETTER

"Be yourself, and not the one others want you to be."

-Gautam Gambhir

IN THIS ISSUE

- 02 AYUDA NGO
- 03 NATIONAL DNA DAY
- 04 WORKSHOP ON "GREENING INDUSTRIAL PARKS THROUGH ECO-INDUSTRIAL DEVELOPMENT"
- 05 JOURNEY OF HARSHITHA [VIT-JAPAN]
- 06 INTERNATIONAL HIGHER EDUCATION FAIR 2018
- 07 OPEN MIC EVENT - SPEAK FOR INDIA
- 08 NATIONAL SCIENCE DAY
- 10 NSS CAMP INAUGURATION
- 11 VIT OPEN HOUSE 2018 | SYNERGY2018
- 12 ENDURO STUDENT INDIA 2018 [TEAM KSHATRIA]
- 13 ELECTRIC VEHICLE CONCEPT CHALLENGE [TEAM OJAS]
- 14 DEBATE NIGHT | TEAM JABAAZ | HEALTH AWARENESS PROGRAM
- 15 RIVIERA 2018

FYI
FOR YOUR INFORMATION



AYUDA NGO, VIT, VISITED BETHEL SCHOOL FOR MENTALLY DISABLED CHILDREN ON 31st JANUARY 2018

The students of 'Bethel School for Mentally Disabled Children' were sensitized on the importance of planting trees. The members, along with the children, planted trees across the campus. The members spent time with the children and gave them chocolates for their hard work.



5TH NATIONAL DNA DAY WAS INAUGURATED AT VIT



A symposium cum workshop was organized on 24 & 25 February on the occasion of the 5th edition of National DNA Day. It was inaugurated by Dr. S. Parija, Director, JIPMER, Puducherry, in the presence of Dr. G Viswanathan, Founder and Chancellor, VIT, on 24 February.

"I was not a science student, I learned History, Economics and Law but I have been trying to learn Science, Engineering and Technology for the past 33 years," said Dr. G Viswanathan.

He further said, "The SBST at VIT is the only department in the country, which has 130 faculty members holding PhD. VIT was started in 1984 as a small institute but we have four campuses in the country with more than 35, 000 students today. VIT is interested not only in the number of students but also in the quality of education. With the help of students and Faculty VIT can get global attention."

More than 450 students and faculty members from VIT and various colleges from the states of Tamil Nadu,

Andhra Pradesh, Telangana and Karnataka participated in the symposium cum workshop.

Dr. Parija said, "Neglected tropical Diseases affect 1.4 billion people across 149 countries. 11 of 17 prioritized NTD's are parasitic diseases, and not enough has been done for its control and prevention."

"Research in the field of Parasitology is important because the data generated through the research shows the magnitude of disease and paves way





for action in the form of funding and programs for control and prevention. The research also helps in bringing new technologies, thus increasing the sensitivity and specificity. It also reduces the cost of diagnosis and treatment," explained Dr S Parija

"India is facing problems in controlling parasitic diseases due to the problems with diagnosis, native antigen use and also cross-reaction with other parasitic diseases. The

Government is paying poor attention to the issue and providing less funding for parasitic infections," he added

"Lesser sponsored research has been done in the field of parasitic diseases and thus the outputs do not attract profits. Only 0.9 percent of the gross expenditure is being allotted for Research and Development in India. The number of quality papers is low, and India is lagging behind in publishing quality research and it lacks its

originality," lamented Dr. Parija.

Dr. G M Gothandam, Dean School of Bio Sciences and Technology welcomed the gathering.

Dr. Radha Saraswathy and Dr. Abhilash were the Conveners of the national DNA day symposium cum workshop.

GREENING INDUSTRIAL PARKS THROUGH ECO-INDUSTRIAL DEVELOPMENT

A two-day workshop on "Greening Industrial Parks through Eco-industrial Development" was inaugurated at VIT by Dr. Bharat Jain, Member Secretary, Gujarat Cleaner Production Centre, Gujarat, on 23rd February.

The workshop was organized by the Department of Chemical Engineering, School of Civil and Chemical Engineering, VIT. It was supported by the Department of Science and Technology, New Delhi.





THE JOURNEY OF HARSHITHA FROM VIT TO JAPAN

"Art and heart tapped for humanity, crossing the shore to reach Japan, to wipe the tears of the victims of tsunami. I am a VITian recollecting my journey, bowing before my art which is close to my heart that enriched my soul, taught me ethics, values and culture. It made me more compassionate. It widened my arms and heart to embrace humanity with tapping feet," Said R Harshitha, B.Tech., Mechanical Engineering. Her performance in VIT before foreign VIPs received not only appreciation but also a fortunate invitation to visit Japan.

She further said "My heart beats with the rhythm of music and dance. My passion never hindered my academics; it boosted my spirit to be the topper. It kept my body and mind fit and fine." She added.

She is a state level athlete and basketball player. It taught her sportsmanship and team spirit. She admired the hospitality, punctuality, humbleness and discipline she experienced in Japan. "Japanese admire our dedication, adaptability, enthusiasm, values and more. We learnt age is no barrier and it is the attitude that matters. Art in good heart heals the soul of artist and audience. Art made me confident and a quick learner. I won the best student award in Awa Odori dance. I chose Mechanical Engineering, a hard terrain for girls. I am proving I can excel by balancing both tech and art with the support of well-wishers, I zoom like Ferrari," concluded Harshitha.



INTERNATIONAL HIGHER EDUCATION FAIR 2018



International Relations Office, VIT organised a one-day International Higher Education fair at VIT on 23 February. The fair provided information on 'study abroad' opportunities.



SPEAK FOR INDIA OPEN MIC EVENT

Leo Club, VIT, organized an open mic event- 'Speak for India' at Greenos on 6th February 2018. The participants spoke on different issues and challenges in India such as its education system, malnutrition, politics, depression among youth, dowry system and casteism. The students enthusiastically put forward various actions that could be taken to overcome these issues.



32ND NATIONAL SCIENCE DAY, SCIFUTURE 2018 INAUGURATED AT VIT



The 32nd National Science Day-Scifuture 2018 was inaugurated on 28th February. The day is celebrated every year in VIT to inspire young students and to impart scientific spirit among them. A total of 877 students from 301 colleges from Tamil Nadu, Karnataka, Andra Pradesh and Telangana participated in Scifuture 2018. The event was inaugurated by Dr. K V S Sarma, Research Professor, Sri Venkateswara Institute of Medical Sciences, Tirupati, in the presence of Dr. G Viswanathan, Founder and Chancellor, VIT, Dr. Anand A Samuel, Vice-Chancellor, VIT, Dr. K Sathyanarayanan,

Registrar, VIT, Dr. A Sheela, Head of the Department, Chemistry, School of Advanced Sciences (SAS) delivered the welcome address, a note on National Science day was given by Dr Vijayaraghavan, Dean, SAS, and the introduction about Scifuture 2018 was delivered by Dr R D Ethiraj, Coordinator, SAS.

"Policymakers of India, including both Central and state governments must give more importance on spending money on education and research," said Dr. G Viswanathan.

He further spoke on the contribution of GDP to education in India. "China spends more than two percent of GDP

on research while, in India, only half a percent of the GDP is allotted for research. 80 nations spend more than five percent of GDP on education, while, in India, we spend only four percent on education. 2000 years ago, Indians made impact in the field of astronomy and naval technology and now the western world contributes more in the same."

He appreciated the students and the faculty for their contribution to research, which has helped VIT become the institution with 'most number of published research' surpassing the IITs and IISc.

"Policymakers of India must give more importance on spending money on education and research." - VIT Chancellor



"I was a principal, I was the assistant principal, Dean Etc... but I'm a proud teacher of science," Said Dr K V S Sarma. He further said, "An invention proposed by youngsters might take time for implementation but you should not stop working hard. Engineers transform theories and knowledge into a useful product." "If we stop doing research for the next 20 years, the technology will automatically saturate, and we cannot even think of a world without research and thus further technological advancements," he added.

Talking about implementation methods for eradicating the defecation in open area in Bangladesh which reduced it drastically, Dr. Sarma said, "About 50 percent of Indian population still-



defecates in open area and it increases the disease percentage in the children below five years.”

Various competitions including the quiz, poster presentation and Idea presentation were conducted as part of the

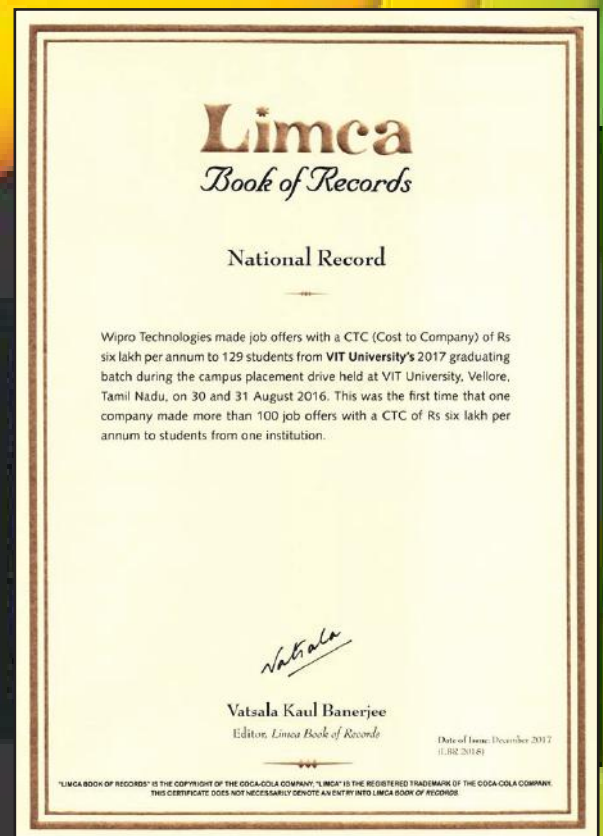
National Science Day celebrations. The external undergraduate and postgraduate students got an opportunity to take a lab tour at VIT, which enabled them to experience the work carried out in the research laboratories and sophisticated instrumentations centers.

The chief guest was introduced by Dr N R Sathya Swaroop, Head of the Department, Physics and finally, the vote of thanks was delivered by Dr G Mokesh Rayalu, Coordinator, Department of Mathematics.



LIMCA BOOK OF RECORDS

VIT has entered the Limca Book of Records for placements for the 7th time. This record is for the highest number of students (129 students -2017 batch) offered placements by Wipro with a CTC of 6 lakhs per annum. This is the first time that 129 students have been selected by a company in Dream Category (CTC 6 lakhs) from a single institution.





DR.G. VISWANATHAN INAUGURATES NSS CAMP IN ANAICUT CONSTITUENCY

More than 500 students, faculty to serve students in rural areas



More than 500 students of Vellore Institute of Technology (VIT) and its faculty members took part in the National Service Camp at Anaicut Assembly Constituency, 23 kms from Vellore.

The six-day camp which began on 3rd Feb.2018 was inaugurated by Dr. G.Viswanathan, Founder and Chancellor of VIT. During the camp, VITians helped students studying in government schools in Usoor, Pallikonda, Ariyur, Sembedu, G.R.Palayam, Melmonavur, Ilavambadi, Anpoondi, Sadupperi, Abdullapuram, Poigai and Virinjipuram areas.

The students, drawn from high schools and higher secondary schools, received special attention in subjects like Mathematics, English, Computer Science, and English and were also taught to overcome stress. The school students were trained to face competitive examinations and exposed to opportunities in higher education.

VIT Students conducted awareness programmes on cleanliness and sanitation, as part of the Swachh Bharat campaign. The blood groups of the school students were tested. Awareness programme on the protection of natural resources and water conservation were also conducted. Further, a free health checkup camp for the residents of these places and a veterinary camp were conducted during the course of the six-day NSS camp.

In his special address at the inaugural function held at the boy's higher secondary school in Anaicut, Mr. G.V.Selvam, Vice President, VIT, said that similar to the common practice of medical

students serving in a rural place for a year, the engineering students of VIT too would be serving in rural places during their study. He exhorted the students of VIT to learn various aspects of rural lifestyle, including their farming techniques, their family life and food habits. He said that many people in rural places were not aware of medical and crop insurance and the NSS students should help in creating awareness about these policies to them.

In his presidential address, Dr. G.Viswanathan encouraged the students to learn about the activities of NSS and urged them to serve the people of the country. He expressed concern that land space and water levels were shrinking. Dr. Viswanathan mentioned that India occupied 19 per cent of the total land mass and 4 per cent of total water in the world. The existing land and water should be used carefully and they should be conserved. While on the one hand there were war-like situations between neighbouring States over sharing of water, the agricultural land was dwindling at a rapid pace to make way for housing plots, which has resulted in the decline of agricultural output, Dr. Viswanathan said. As the ground water was continuing to decline, there was an urgent need to conserve rain water as much as possible and for this, lakes, ponds and rivers had to be protected. He recalled, that at the time of India's independence, the population was 30 crore and it was now 129 crore.

He said that vices like consumption of liquor and tobacco were ruining the country and this was not possible to be controlled and moreover, the government itself was now selling liquor.

Students, Dr. Viswanathan said, should create awareness among people living in villages about the ill effects of smoking tobacco and consuming liquor.

He pointed out that of the 46,000 lakes in Tamil Nadu, over 40,000 were left unattended. As the money allocated for carrying out improvement works on the lakes was not being used properly, they were unable to store water despite good rains last year. Dr. Viswanathan said that irregularities in the 100-day job guarantee scheme should be addressed. Responding to the demand of Mr.A.P.Nandakumar, MLA of Anaicut constituency, who requested for a water purifying unit, he said that VIT would provide for one such facility there.

He urged the students to strengthen the Prime Minister's

hands and help achieve the goals of his Clean India programme. He also appealed to the students, who had come from all corners of India, to learn the lifestyle of the people living in villages. Mahatma Gandhi had said that India lived in its villages. He appealed to the students to learn about the joint family system that was still prevalent in villages.

Dr. Viswanathan also expressed his gratitude to the Prime Minister and the Finance Minister for allocating more resources than before in the current Budget for rural development.

Mr.Dinkar Kumar, Chief Conservator of Forests, was the Chief Guest. Mr. Nandakumar said that a new bus stand would be constructed in Anaicut and the provision of a water purifying unit would benefit 15,000 people.

VIT OPEN HOUSE 2018

VIT offered an excellent opportunity to students from other colleges and schools, parents and the public to visit its hi-tech laboratories and know about world class facilities from 1st to 3rd February 2018 with no entry fee.

The Schools of VIT such as Advanced Sciences, Architecture, Bio Sciences & Technology, Civil and Chemical Engineering, Computer Science and Engineering, Electrical Engineering, Electronics Engineering, Information Technology & Engineering, Mechanical Engineering, Social Science & Languages and VIT Business School highlighted their information in specific stalls.

According to the Chancellor, Dr. G.Viswanathan, these stalls can inspire the school children to explore various disciplines of engineering and science which would help them plan their career. All the 11 research centres, namely Disaster Mitigation and Management, Bio-separation Technology, Nanotechnology Research, Nano Biotechnology, Automotive Research, Carbon Dioxide and Green Technologies, Crystal Research, TIFAC-CORE, Biomaterials, Cellular and Molecular Therapeutics, Innovative Manufacturing Research and Vaial exhibited their research facilities and findings in their stalls.



Stalls of International Relations, Technology Business Incubator and Placement Cell inspired students with successful stories. The students' innovative projects and research outcomes were presented at the event. It was a wonderful chance for the students to interact with scientists, researchers and academicians.

Campus tour was arranged for all the visitors to see the research labs, workshops and the sophisticated equipment of various disciplines in the respective schools and research centres. An Air Show and a Formula Car Show were performed by VIT Students on these days.

SYNERGY 2018
23rd-25th February



The Institution of Electronics and Telecommunication Engineering (IETE) conducted its Annual Technical Symposium, Synergy'18, for the fifth time between the 23rd and 25th of February 2018 in collaboration with the School of Electronics Engineering, VIT, Vellore.



TEAM KSHATRIYA, THE OFFICIAL BAJASAE TEAM OF VIT.

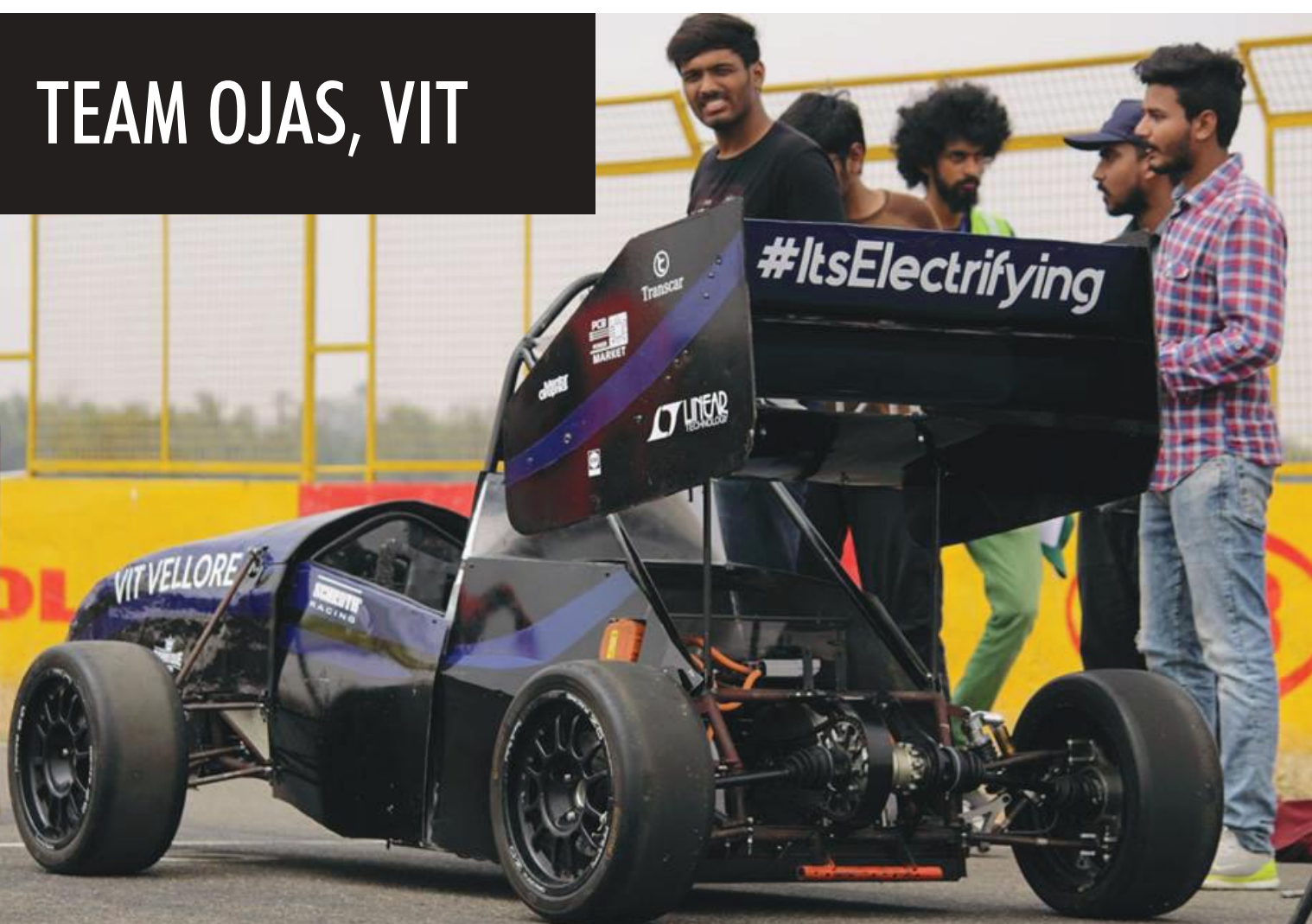
The event, Enduro Student India 2018, held from (January 4-7), 2018 in which around 80 teams from across the country participated. VIT won the following accolades:

Lightest Car at the event (131.8 kg), 4th prize in Acceleration, 6th position in Business Presentation, 7th position in Cost Report, bagged 9th position in Overall.

The other event, BAJA SAE India, was held at Pithampur, Indore, from January 25-28, 2018. The VIT team won the second prize in ADWIN Video Contest, third prize in Maneuverability, fourth prize in Design, fifth position in Business Presentation and fifteenth position in Cost Report.



TEAM OJAS, VIT



Team OJAS, VIT, bagged the 1st place in cost and sustainability, 3rd in Business Plan Presentation, 6th in Design Presentation event at Formula Bharath Electric Vehicle Concept Challenge, organized by Mobility Engineering Consortium Pvt. Ltd. from January 27th to 28th 2018 at Kari motor speedway, Coimbatore.

They also won the overall first prize- 1st in Acceleration, Best Design, 2nd in Business Plan Presentation at Formula Green, organised by ISNEE from February 12th to February 16th, 2018.



Team Innostrap bagged first place at Yustart -CII national student startup challenge with a cash prize of 50k

Team Innostrap participated at Yustart –CII, the national student startup challenge held as part of #whatif national entrepreneurship summit at Bengaluru. The team stood first and won a cash prize of 50k.

The team also got an opportunity for incubation at IIM Bengaluru incubation cell. It made an innovative strap which could replace normal cable ties, and presented this idea in the competition.

The team: Mudit Gupta, Nirmal Raj, Ayush Patro, Sahil Mahajan

"The Debate Night", was organised by the VIT Debate Society, on the theme "How literature empowers technical institutions?"



Freelance writer, Usha Jesudasan and Climate Modeller, British Antarctic Survey, Cambridge University, Mr Andrew Orr, were the Chief Guests. The event began with a debate on the motion "This House regrets the rising importance of Engineering in India at the cost of subjects like Literature" in an Asian Parliamentary style with three speakers from the club, each speaking for and against. This debate was adjudicated by our Chief Guest, Mr Andrew Orr. This was followed by an Open house discussion between faculty members (Dr Satyajit Ghosh, Prof Ajanta Sircar, Dr Rajesh A, and other faculty members from the School of Social Sciences & Languages, VIT) and students on the theme and on the motion

for the evening. The audience was moved by the speeches of both the guests of the evening when they spoke about how literature has empowered them in their lives.

The evening ended with snippets from Kazuo Ishiguro Nobel Prize Acceptance Speech where he talks about how literature plays a very important role in developing a society. Parts of the movie, "Remains of the Day", which is based on the novel for which he won the Nobel Prize in Literature in 2017, were also played.

Accolades for Team Jaabaz at the Enduro Student India Event.




Team Jaabaz, the official International Baja SAE team of VIT, participated in the recently conducted 2018 edition of Enduro Student India in Coimbatore. The event was Team Jaabaz's first National Event where the team was placed 7th Overall out of 80 teams. This was the 4th edition of the competition, the first three editions were held at Jamshedpur and Delhi respectively.

At the Baja Off-road event, 80 teams from all over the country put their ATVs to test in various events, ranging from Acceleration, Maneuverability, DirtX and Endurance Race. These events test the mettle of the ATVs thoroughly. Static events include Sales Presentation, Design Presentation and Cost Presentation.



Awareness program by VIT Health Club



 Youth Red Cross, VIT, conducted yoga camp in collaboration with Yoga Club

On 4 February 2018, the World Cancer Day, the Health Club of VIT conducted an awareness program. It conducted three events to support the fighters against cancer and also to spread awareness on cancer.

Ms Vaishnavi Sundar, Research Scholar, SBST, created awareness on how to prevent cancer and about the initial stages of discovery. The Health Club also conducted the event 'talking hands', where people had to write a supportive message on their hand, take a picture of it and upload it on Facebook. A poster competition was also organized, in which people were asked to make charts supporting cancer awareness and portraying how to fight the big threat cancer.



ANNUAL INTERNATIONAL SPORTS AND CULTURAL CARNIVAL UTAM GAMBHIR

Riviera™ 2018

Gautam Gambhir, The left-handed top-order opening batsman who has done a great job in Indian Cricket Inaugurated 'Riviera 2018, the Annual International Sports and Cultural Carnival' of Vellore Institute of Technology, at Kalpana Chawla Ground, VIT in the Presence of Dr. G. Viswanathan , Founder & Chancellor, VIT and Mr. G.V Selvam, Vice President , VIT.

"Be yourself, and not the one others want you to be."

-Gautam Gambhir



The valedictory function of Riviera 2018 was inaugurated by Bahubali fame actor Mr Rana Daggubati



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2018

THANK YOU

