

VISAI 2020 - Event Report

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1. BUDGET

1.1 Budget & Actual Expenses

VISAI 2020 Budget vs Actual Expenses			
S.No	Particulars	Budget Approved	Actual Expenses
1	Souvenir - Abstract book	21702	21702
2	Souvenir - List of Projects participated Book	1196	1196
3	Souvenir Book Transport	250	250
4	Flowers for Stage	1250	1250
5	Visai pluck card	9960	9401
6	Trophy & Jury Memento	43910	43910
7	Jury Renumeration (7500 X 12 jury)	90000	90000
8	Jury Renumeration (7500 X 4 jury)	30000	30000
9	Prize Money & VISAI Money	150000	150000
10	Printing materials - Suraj Xerox	9238	8881
11	Banners - SLK	11150	10150
12	Banners - JN Signage	2183	2183
13	Jury TA	32000	31930
14	Food Item	25000	24005
15	Banners - SLK	0	1800
16	Price money, Invitation, Sticker, A3 Colour sheet, A2 & A1 SDG	0	4041
17	kit purchase - visai, idad, ndt	13000	14498
	Total	440839	445197


Prof. Dr. E. Kannan
Registrar

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
Deemed to be University Estd. u/s 3 of UGC Act, 1956

VISAI 2020 Income Details through Registration								
S.No	SDG Theme Name	Total No. of Projects	Other Institution	Veltech Group of Institutions	No. of Students		Total No. of Students	Amount
					Male	Female		
1	Affordable and Clean Energy	10	5	VTU - 5	26	4	30	14500
2	Clean water and Sanitation	9	6	NIL	14	12	26	14500
3	Climate Action	4	3	VTU - 1	8	2	10	5500
4	Industry, Innovation and Infrastructure	26	23	VTU - 3	57	27	84	44500
5	Life on Land	7	4	VTU - 3	17	2	19	9500
6	Life Below Water	1	1	NIL	3	0	3	1500
7	Responsible Consumption and Production	12	5	VTU - 5	25	10	35	17500
8	Sustainable communities and Cities	20	8	VTU - 6 VTHT - 1	44	17	61	30500
	Total	89	65	24	194	74	268	138000

Registration Fee in Details

Other Institutions	No. of Projects	Amount in (Inr)
Fee with Rs. 1000	1	1000
Fee with Rs. 1500	64	96000
Excess persons (Rs.1000 per person)	15	15000
Vel Tech Institutions	No. of Projects	Amount in (Inr)
Fee with Rs. 1000	22	22000
Fee with Rs. 1500	2	3000
Excess Persons (Rs.1000 per person)	1	1000
Total	89	Rs. 138000

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Registrar

VISAI 2020 Income Details through Accommodation								
S.No	SDG Theme	No.of Projects / Team	No.of Students				Total No.of Students	Amount
			Male	No.of Days	Female	No.of days		
1	Affordable and Clean Energy	3	7		1		8	4400
2	Clean water and Sanitation	4	8		5		13	10400
3	Climate Action	1	2		1		3	2400
4	Industry, Innovation and Infrastructure	12	25		16		41	29600
5	Life on Land	2	3	2	2	2	5	4000
6	Life Below Water	0	0	0	0	0	0	0
7	Responsible Consumption and Production	3	4		6		10	8000
8	Sustainable communities and Cities	5	12	2	4	2	16	7600
	Total	30	61	4	35	4	96	66400

Summary of Finance Details

Income through Registration	Rs. 138000
Income through Accommodation	Rs. 66400
Total Income	Rs. 204,400/-
Approved Budget for 89 Projects	Rs. 440839
Total Spent	Rs. 445197
Amount Available In VISAI Account	Rs.

1.2 Event Brochure



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Est. u/s 3 of UGC Act, 1956)



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)



VISAI 24th & 25th
FEBRUARY
2020

10th INTERNATIONAL PROJECT COMPETITION AND EXHIBITION

Creativity is inventing, experimenting, growing, taking risks,
breaking rules, making mistakes and having fun.

VISAI 10th year Succesfull Anniversary Journey is just beginning...
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
in line with the Sustainable Development Goals of United Nations
Development Programme for transforming India, invites innovative projects.

Winning Innovative Ideas will be supported by VelTech TBI for Incubation &
Funding Support



Eligibility:

Students pursuing
Diploma / B.E. / B.Tech. /
M.E. / M.Tech. / BCA / B.Sc. /
MCA / M.Sc.

Registration Fees:

For Diploma Students

Rs. 1000 per team (3 Members)

Others

Rs. 1500 per team (3 Members)

Important Dates:

Abstract Submission: 24th Jan 2020

Notification of Acceptance: 27th Jan 2020

Note: Only 5 Applications are accepted
from a college.



Supported by
**Vel Tech Technology
Incubator**
(Approved by DST)
Certificate of Registration of Societies
S.No.438 of 2010



Phone: 7395986823 | visai@veltech.edu.in | dindoffice@veltech.edu.in
For online submission of Details & Abstract: <https://forms.gle/F8JjmX55hQWwiBYh7>

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Registrar

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R&D Institute of Science and Technology
(Deemed to be University Est. u/s 3 of UGC Act, 1956)

1.3 Committees & Members (Who is Who)

GENERAL GUIDELINES & WHO IS WHO

Process	Roles	Team Member	Contact No.
All Printable Materials (Execution) & Marketing			
VISAI 2020 Marketing	Market the Visai 2020 Event to All colleges and Industry, Vel Tech Contacts (Mail & Phone, Social Media, etc.,)	Mr.Chandrakumar Mr.Silambarasan Ms. Lavanya	9600040254 9600040253 7358024828
Souvenir Design and Printing	Design & Printing	Mr.Silambarasan	9600040253
Banners & design	Podium Banners , Backdrop banner for Valedictory	Mr.Vinson Joshua	8754484203
	Jury Banner, Glimpses Banner, project banner at exhibit hall.	Mr.S.Raghavendran	8754484207
Stage Setup	Stage Setup, Venue Arrangements	Mr.Chandrakumar Mr.Rajesh Mr.Mutharasan	9600040254 8754484202 9840438622
Certificates	Certificate, ID card, Letter of Appreciation for Juries, Notepad wrapper design, Cheque design and Printing.	Mr.Vinson Joshua Mr.Senthil Kumaran	8754484203 7338747795
Invitation	Invitation Preparation & Distribution to Vice Chancellor/All Directors/HoD's	Mr.Chandrakumar Mr.S.Raghavendran Mr.K.Silambarasan	9600040254 8754484207 9600040253
Delegate Kit - 350 nos			
To contain File, Pen, Notepad, Food Coupon & ID Card.	To be ready by 20th Feb & Handed over to Respective Theme coordinators	Mr.Dilli babu	8754484206
Evaluation of projects / Participants			
89 projects to be evaluated on 24th Feb 2020 & Winner certificate preparation	List of SDG Theme wise Winners to be identified before 6 pm on 24th Feb - 10 halls with LCD Projector arrangement, Laser pointer, Marker, Duster, Bell etc.	Respective Theme coordinators	NA
Fixing VIPS & Juries			
To fix Chief Guest	2 Chief Guest for Inauguration & Valedictory	Prof.C.S. Sivakumar	9445049402
To be Fix Jury	Jury members - Respective SDG Theme wise Coordinators	Concerned SDG Theme Coordinators	NA
Vehicle Incharge	Arranging vehicles for External Jury members and Bus for participants	Respective Theme coordinators for Jury's, Mr.Dilli babu-for students & participants	8754484206
Transportation & Accommodation VIPS, Judges & Student Participants			
Accommodation, Food, Vehicle arrangements for pick up & drop	To take care of the hospitality of Guests, Judges & Participating Students	Respective Theme coordinators	NIL
Purchase			

Memento for Guests & for winners	Sponsoring Industry Name should come in the memento	Mr.Chandrakumar Mr.Rajesh	9600040254 9840438622
Reception Items	Flowers, Ribbon, Scissor, SDG Them wise Logo	Mr.Chandrakumar Mr.S.Raghavendran Mr.K.Silambarasan	9600040254 8754484207 9600040253
Inauguration			
Stage, seating arrangement & Hiring PA system	Stage, seating arrangement & Hiring PA system in Inaugural and Valedictory venue.	Mr.Chandrakumar Mr.S.Raghavendran Mr.K.Silambarasan	9600040254 8754484207 9600040253
Table & Backdrop Arrangements at Convention Centre, carpet in convocation hall + PA system.	To arrange stage, backdrop, seating & displays on 22nd Feb evening.	Mr.Rajesh Mr.Mutharasan	9840438622 8754484202
Compairing	To prepare & keep printout ready by 24th Feb	Mr.Chandrakumar Mr.S.Raghavendran Mr.K.Silambarasan	9600040254 8754484207 9600040253
Students visit to expo hall	SAH Participated Students visit from VTU on 25th Forenoon.	Mr.Chandrakumar Mr.S.Raghavendran Mr.K.Silambarasan	9600040254 8754484207 9600040253
Crowd Discipline	To assemble audience & participants for Inauguration & valedictory.- NCC Volunteers	Mr.Rajesh Mr.Chandrakumar	9840438622 9600040254
Valedictory			
Prize Distribution List, Prize money, Trophy & Special Prize(VISAI Money)	Keep it ready on time with clarity	Prof. C.S.Sivakumar Mr.Chandrakumar Mr.S.Raghavendran Mr.K.Silambarasan	9445049402 9600040254 8754484207 9600040253
Guest Accommodation	Accommodation and all arrangements both Jury & Participants	Concerned SDG Theme Coordinators	NIL
Food - Lunch on 24th & 25th for 350 Members, Tea and refreshments(FN & AN), Breakfast on 24th for 16 Juries		Mr.Dharmaraj	8754572177
Photography, Videography throughout the event and Inviting media		Mr. Srinivasa Rao	9840398366
Housekeeping Arrangements		Mr.Senthil Kumaran	7338747795
Registration & Participants Certificate Preparation	Registering students, Issuing participant kits and writing participants certificate.	Concerned SDG Theme Coordinators	NIL

1.4 Theme Wise Coordinators

SUSTAINABLE DEVELOPMENT GOALS (SDG) 8 THEME WISE ORGANIZERS

8 SDG THEMES CHOSEN FOR VISAI 2020

Over all Theme Head - Dr.P.Sarasu, Director Industry Relations

S.No	Sustainable Development Goal (SDG)	Theme Co-ordinators
1.	SDG 6 - Clean Water and Sanitation	Mr.S.Vinson Joshua Manager-Industry Relations (Electrical & Electronics) & Assistant Professor, Electronics & Communication Engineering Mr.B.Senthil Kumaran Manager-Industry Relations (Electrical & Electronics) & Assistant Professor, Electronics & Communication Engineering
2.	SDG 7 - Affordable and Clean Energy	Mr.C.Thilip Kumar Assistant Professor, Electrical & Electronics Engineering Dr.P.Chandrakumar Manager – Vel Tech TBI & Assistant Professor, Mechanical Engineering
3.	SDG 9 - Industry, Innovation and Infrastructure	Mr.R.Jayaraj Pandan Executive Assistant-Vel Tech Nidhi Prayas Mr.N.Deepan Chakravarthi Technical Assistant-Industry Relations Mr.K.Silambarasan Incubation Manager - Vel Tech Nidhi Prayas
4.	SDG 11 - Sustainable Cities and Communities	Mr.C.S.Sivakumar Professor, Mechanical Engineering Mr.A.Mutharasan Manager-Industry Relations (Mechanical & Construction) & Assistant Professor, Electronics & Communication Engineering Mr.R.Manikandan Technical Support Staff-Vel Tech TBI Mr.E.Elangovan Junior Research Fellow-Mechanical Engineering
5.	SDG 12 - Responsible Consumption and Production	Mr.R.Rajesh Manager-Industry Relations (Mechanical & Construction) & Assistant Professor, Electrical & Electronics Engineering Mr.M.Silambarasan Senior Research Fellow-Aeronautical Engineering Mr.G.Mohan Executive Assistant-Admin
6.	SDG 13 - Climate Action	Mr.S.Vinson Joshua Manager-Industry Relations (Electrical & Electronics) & Assistant Professor, Electronics & Communication Engineering Mr.B.Senthil Kumaran Manager-Industry Relations (Electrical & Electronics) & Assistant Professor, Electronics & Communication Engineering
7.	SDG 14 - Life Below Water	Mr.S.Raghavendran Manager-Industry Relations (School of Computing) & Assistant Professor, Computer Science and Engineering Mr.M.Dharmaraj Manager-Industry Relations (School of Computing)
8.	SDG 15 - Life on Land	Mr.S.Raghavendran Manager-Industry Relations (School of Computing) & Assistant Professor, Computer Science and Engineering Mr.M.Dharmaraj Manager-Industry Relations (School of Computing)

2. THEMEWISE DETAILS

2.1 Summary of teams registered in VISAI 2020

S.No	SDG Theme Names	Count of Project	Sum of Team Size
1.	SDG 6 - Clean Water and Sanitation	9	26
2.	SDG 7 - Affordable and Clean Energy	10	30
3.	SDG 9 - Industry, Innovation and Infrastructure	26	81
4.	SDG 11 - Sustainable Cities and Communities	20	61
5.	SDG 12 - Responsible Consumption and Production	12	35
6.	SDG 13 - Climate Action	4	10
7.	SDG 14 - Life Below Water	1	3
8.	SDG 15 - Life on Land	7	19
Grand Total		89	265

List of Colleges Participated in VISAI 2020

S.No	Name of the College	Total No.of Projects Participated
1	Adhi College of Engineering and Technology Kanchipuram	2
2	Bannari Amman Institute of Technology, Sathyamangalam	9
3	C.Abdul Hakeem College of Engineering and Technology, Vellore	1
4	D. G. Ruparel College, Pune	1
5	Francis Xavier Engineering College, Tirunelveli	1
6	G H Raison College Of Engineering, Nagpur	1
7	Government Polytechnic Mumbai	1
8	Hindustan Institute of Technology and Science, Chennai	1
9	Jai Shriram Engineering College, Tiruppur.	1
10	Kamala Institute Of Technology & Science	1
11	Karunya Institute Of Technology And Sciences, Coimbatore	3
12	Kcg College Of Technology	3
13	Kongu Engineering College (Autonomous) Perundurai, Erode	1

14	M.I.E.T Engineering College	1
15	Manakula Vinayagar Institute Of Technology	1
16	Mepco Schlenk Engineering College, Sivakasi	1
17	Nandha Engineering College	1
18	Panimalar Engineering College	1
19	Pondicherry Engineering College	1
20	Prathyusha Engineering College	2
21	S.A. Engineering College	2
22	Sanskriti School Of Engineering,Puttaparthi.	2
23	Sri Krishna College of Engineering and Technology,Coimbatore	12
24	Sri Ramakrishna Institute Of Technology,Coimbatore	2
25	Sri Sairam Engineering College,West Tambaram, Chennai	1
26	Sri Siddhartha Institute Of Technology	1
27	Sri Venkateswara College Of Engineering (Svce) , Sriperumbudur	3
28	St. Joseph'S College Of Engineering	1
29	Stella Maris College	1
30	University College Of Engineering Dindigul	2
31	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	23
32	Velammal College Of Engineering And Technology,Madurai.	4
33	Veltech High Tech	1
Grand Total		89

2.2 Theme wise List of Teams registered in VISAI 2020
SDG 6 - Clean Water and Sanitation

S.No	Reference No	Title of Project	Guide Name, Email & Mobile Number	Name of First Author, Second Author, Third Author, Degree(Dept), Year of Study	TL Mobile1	Email ID: First Author, Second Author, Third Author	Name of the College	Team Size	Amount
1	VSI20004	Clean Water And Sanitation	Dr.M.Vasudevan,vasudevan@bitsathy.ac.in,9176856526	Abishek M ,Amudhan Vetrivel G T,Keerthana S P, B.E (Civil Engineering), Second Year	6383553713 9176856526	abishek.ce18@bitsathy.ac.in,amudhanvetrivel.ce18@bitsathy.ac.in,keerthana.ce18@bitsathy.ac.in	Bannari Amman Institue of Technology, Sathyamangalam	3	1500
2	VSI20005	The Hydro - Cleanup Rov: A Device For Cleaning Floating Garbage From Water Bodies	Dr. Dilip Maske, dilip.maske@ruparel.edu, 9892760421	Kadge Jatin Nandkumar, M.Sc. - li , Second Year	8779126445 9892760421	montykadge@gmail.com	D. G. Ruparel College, Pune	1	1500
3	VSI20031	Low Cost Water Purifier	Mr. V. Yogeshwaran, yogeshwaranv@skcet.ac.in & 9003952636	Divya Dharshini V.M, Dhanabharathi. M, Ajay. S.B	9597368768 9003952636	18eucv012@skcet.ac.in, 18eucv009@skcet.ac.in, 18eucv005@skcet.ac.in	Sri Krishna College of Engineering and Technology,Coimbatore	3	1500
4	VSI20036	Grey Water Treatment Using Sequential Batch Reactor	Mr. V. YOGESHWARAN, yogeshwaranv@skcet.ac.in & +919003952636	Abinaya K, Adlin Rino M, Thamilselvan R.P	9488655123 9003952636	18eucv001@skcet.ac.in, 18eucv004@skcet.ac.in, 18eucv048@skcet.ac.in	Sri Krishna College of Engineering and Technology,Coimbatore	3	1500
5	VSI20058	Hydro Swab Scooper Robot	Shameli R, shameli.ece@cahcet.edu.in, 9698561557	Suhail Khan S, Brindha. V, Vindhiya. K, B.E -Ece, li- Year	9940218047 9698561557	Suhailkhan4752@gmail.com, binduashu18@gmail.com, Vindhiyakrishnamoorthy@gmail.com	C.Abdul Hakeem Collage of Engineering and Technology, Vellore	3	1500

6	VSI20072	Smart & Automatic Waste Segregator Machine	Dr.P.Sevvel, drsevvell@saec.ac.in; 9445048418	S. Kishore Kumar, T. Manimaran, R. Suganesh	80562 30697 9445048418	1612075@saec.ac.in; 1612077@saec.ac.in; 1612104@saec.ac.in	S.A. Engineering College	3	1500
7	VSI20073	Clean Water And Sanitation	VIGNESH PRABU V , vigneshprabu@bitsathy.ac.in , 9486590569	Girikanth.T , Yuvaraj.S , Sriharysshver.M.P, B.E(Civil),Second Year	8667296439 9486590569	girikanth.ce18@bitsathy. ac.in,yuvaraj.ce18@bitsa thy.ac.in,sriharysshver.ce 18@bitsathy.ac.in	Bannari Amman Institute of Technology, Sathyamangalam	3	1500
8	VSI20090	Defluoridation Of Water Using Bio-Adsorbent	DURGADEVI S ,durgadevi@bitsathy.ac.in,96 59649293	Kamaliga U, Kiraniha B, Mounishica Navarathinam ,Be- Civil,Iii Year		Kamaliga.ce17@bitsathy .ac.in , kiraniha.ce17@bitsathy.a c.in ,mounishicanavarathina m.ce17@bitsathy.ac.in	Bannari Amman Institute of Technology, Sathyamangalam	3	1500
9	VSI20143	Portable Sodis	Dr.A.SENTHIL KUMAR,M.E.,MBA.,Ph.D(I ITR),.PDF(TUT,SA),.Senior PDF(VSB-TUO, EUROPE), Professor / EEE, vastham@gmail.com,Ph,no:- 7708854742	S. Gopi Vardhan Reddy, U. Indu, T. Mounika. Bachelor Of Technology, (Electrical And Electronics Engineering) Iv Year.	9381291981 9100974518	vardhanreddy247@gmail .com, uindu06@gmail.com, talarimounika798@gmail .com	Sanskriti School Of Engineering,Puttaparth i.	4	2500

SDG 7 - Affordable and Clean Energy

S.No	Reference No	Title of Project	Guide Name, Email & Mobile Number	Name of First Author, Second Author, Third Author, Degree(Dept), Year of Study	TL Mobile	Email ID: First Author, Second Author, Third Author	Name of the College	Team Size	Amount
1	VSI20048	Energy Producing Suit	MR. S. PRABHU KUMAR, sprabhukumar@veltech.edu.in, +919282222507	Vishal Gupta, Angad Kumar, Shreyam Mishra	7358205926 9282222507	vshgpta@gmail.com, angad9745@gmail.com, vtul0442@veltechuniv.edu.in	Vel Tech Rangarajan Dr.Sagunthala R&D Institute Of Science And Technology	3	1000
2	VSI20069	Compactible Biogas Power Plant For Garden Lighting	Dr.S.Baghya Shree, baghyashree.s@auucedgl.ac.in & +91 97865 86948	A.Ananthi, P.Jeyaprakash, K.Petchi Muthu, M.Thulasi Raman		babyananthi.1999@gmail.com, anbilprabu180914@gmail.com, kpetchimuthu98@gmail.com, ramanthulasi259@gmail.com	University College Of Engineering Dindigul	4	2500
3	VSI20075	Bio Gas Generation From Biodegradable Kitchen Waste	VIGNESH PRABHU, vigneshprabhu@bitsathy.ac.in, 9486590569	Jenith Hs, Ragupathi N, Ragunath Km, B.E(Civil), Ii Year	8940822481 9486590569	jenith.ce18@bitsathy.ac.in, ragupathi.ce18@bitsathy.ac.in, ragunath.ce18@bitsathy.ac.in	Bannari Amman Institue of Technology, Sathyamangalam	3	1500
4	VSI20082	Smart Recharge Of Electric Vehicle Using Wind Energy	Dr V.EVELYN BRINDHA, 9790601852, evelynbrindha@karunya.edu	John Roby, Stefin Mathew Samuel, Sam Isaac	8075832025 9790601852	johnroby22@gmail.com, stefinmathews1234@gmail.com, samissac678@gmail.com	Karunya Institute Of Technology And Sciences, Coimbatore	3	1500

5	VSI20089	Hybrid Power Generation	Mr. T. Chithras, chithrast@veltech.edu.in, 9500700153	Raghvendra Kumar Singh, Anish Shah, Aayush Das, B.Tech(Mechanical), B.Tech(Aeronautical), B.Tech(Civil) 2020	8917569670 9500700153	singhraghvendra682000@gmail.com, shahaniis878@gmail.com, aayushdas666@gmail.com	Vel Tech Rangarajan Dr.Sagunthala R&D Institute Of Science And Technology	3	1000
6	VSI20101	Water Generation By Thermo-Electric Effect Atmosphere	Dr.A.SENTHIL KUMAR ,M.E.,MBA.,Ph.D(IITR),PDF(TUT,SA),Senior PDF(VSB-TUO, EUROPE),, vastham@gmail.com, 9100974518.	S.Gowripriya Dharshini, V.Swetha, K.Sreeja		gowripriyadharshinis@gmail.com, saiswethareddy.v@gmail.com, konankisreeja@gmail.com	Sanskriti School Of Engineering,Puttaparthi.	3	1500
7	VSI20102	Fuel Consumption And Co2 Emission Reductions Of Ships By A Fuel-Cell-Based Hybrid Power Sources	pranay,sreepranaychowdary@gmail.com & 6305445667	K.Sree Pranay Chowdary, K.Bhargav Sai Reddy, V.Asish Cripps,B.Tech(Mechanical),2019-2023		KSPC2012@GMAIL.COM,BHARGAVSAI302003@GMAIL.COM,ASHCRIPPS@GMAIL.COM	Vel Tech Rangarajan Dr.Sagunthala R&D Institute Of Science And Technology	4	2000
8	VSI20132	Two Way Power Production System	Padmanaban.I, padmanaban.i@skct.edu.in & 8610287775	Balamurali.K, Padmanaban.I, Me, Ph.D, Department Of Civil Engineering, 2018-2020.	9842750857	18tpcv006@skct.edu.in, padmanaban.i@skct.edu.in	Sri Krishna College of Engineering and Technology,Coimbatore	1	1500
9	VSI20140	Smart Wheel Chair	Mr.T.CHITHRAS, chithrast@veltech.edu.in, 9500700153	Sujeet Dhakal, Ram Sharan Yadav , B.Nuthan Sai		sujeetdhakal578@gmail.com, yamsaran4@gmail.com, battininuthansai@gmail.com	Vel Tech Rangarajan Dr.Sagunthala R&D Institute Of Science And Technology	3	1000

10	VSI20144	Solar Powered Motor With The Automatic Water Pump	Dr.K.KARUNANITHI, drkkarunanithi@veltech.edu.in & 9080394411	S.Kasi Viswanath Reddy, T.Gopinath, K.Lokeswar Reddy, B.Tech(Eee), Ii Year	6304131695	vtu10996@veltech.edu.i n, vtu10994@veltech.edu.i n, vtu10993@veltech.edu.i n	Vel Tech Rangarajan Dr.Sagunthala R&D Institute Of Science And Technology	3	1000
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SDG 9 - Industry, Innovation and Infrastructure

S.No	Reference No	Title of Project	Guide Name, Email & Mobile Number	Name of First Author, Second Author, Third Author, Degree(Dept), Year of Study	TL Mobile	Email ID: First Author, Second Author, Third Author	Name of the College	Team Size	Amount
1	VSI20008	Smart Lc	Dr.Hemant Pardeshi, pardeshi.ju@gmail.com	Arpita Kar, Aishvarya Birambole, Aditi Pawar, Diploma (Electronics Engineering), 3Rd Year	9834895458 8169479348	karpita8850@gmail.com, aishvarya126@gmail.com, pawar.aditi.d@gmail.com	Government Polytechnic Mumbai	5	3000
2	VSI20015	Design And Fabrication Of Mango Seed Decorticator	Vignesh Kumar M, vigneshkumaar@gmail.com & 9566850888	Sushmit Raj S, Sathish S, Vignesh K B.E.(Mech.), 4Th Year	9381223330 9566850888	sushmit.raj1000@gmail.com, romanrumble400@gmail.com, Vinoth798325@gmail.com	Kcg College Of Technology	3	1500
3	VSI20022	Second Generation Aadhar Card	Dr. W.Sylvia Lilly Jebarani, wsylvia@mepcoeng.ac.in, 9487515260	V. Esakki Muthuvel, G. Venkatasubramanian, B.E (Ece), Iv Year	9790125901 9487515260	esakkimuthuvel712@gmail.com, venkat1316gv@gmail.com	Mepco Schlenk Engineering College, Sivakasi	3	1500
4	VSI20028	Smart Road Safety And Vehicle Accident Prevention System For Mountain Roads	D.Selvakumar,selvakumar@skcet.ac.in,9994372244	V.Aishwarya Be (Ece) 3Rd Year, M.Aarthi Be (Ece) 3Rd Year, K.Dhanashree Be (Ece) 3Rd Year	9626349203 9994372244	17euec006@skcet.ac.in 17euec001@skcet.ac.in 17euec028@skcet.ac.in	Sri Krishna College of Engineering and Technology,Coimbatore	4	2500

5	VSI20030	Blind Guide And Security System	S.Satheesh Kumar, satheeshs@skcet.ac.in, 9790952195	I.Arulanandha Guru, M.Dhanishkumar , S.Dharaneesh	63827181 38 97909521 95	18euec021@skcet.ac.in , 18euec039@skcet.ac.in , 18euec041@skcet.ac.in	Sri Krishna College of Engineering and Technology,Coimbatore	3	1500
6	VSI20034	Last Mile Delivery	Ramachandran N, Assistant Professor, Mail ID : ramachanrann@skcet.ac. in, Mobile No : 8344396961	Aatheeshwaran A(17Eumc001) - Iii Mech, Kirithika S(17Euec069) - Iii Ece, Monalisha K(17Euec085) - Iii Ece	89032187 14 93604397 63	17eumc001@skcet.ac.i n, 17euec069@skcet.ac.in , 17euec085@skcet.ac.in	Sri Krishna College of Engineering and Technology,Coimbatore	3	1500
7	VSI20043	One'S Segain (An Autonomous Drowning Rescue System)	Guru Gokul AR, gurugokul@svce.ac.in, 9751659049	A.Mohammed Safi (3Rd Year B.E Mechanical), Aravind M (3Rd Year B.Tech Chemical), Sangeetha S (3Rd Year B.Tech It)	88075176 13 97516590 49	mrmechanical2605200 0@gmail.com , 2017mec0120@svce.ac .in , safi2652000@gmail.co m	Sri Venkateswara College Of Engineering (Svce) , Sriperumbudur	3	1500
8	VSI20049	Extrusion Die For Hot Pressing Through Powder Metallurgy Route	D. SURRYA PRAKASH, bsurriyaprakash@veltech. edu.in, 9940105566	D.R.Ramakrishnan, R.Kaushik, R.Yogesh Singh B.Tech (Mechanical), Iv Year	90875815 99 99401055 66	ramkey1999@gmail.co m,vtu7542@veltechuni v.edu.in, yogeshsinghparmar28 @gmail.com	Vel Tech Rangarajan Dr.Sagunthala R&D Institute Of Science And Technology	3	1500
9	VSI20052	Wireless Controlled Rough Terrain Vehicle To Detect Alive Human In Earthquake Areas Using Rocker Bogie Suspension	DEVAKI.M,mde@vcet.a c.in,9791200922	Shruthy.T,Packiyalak shmi.D,Devaki.M		shruthyt99@gmail.com , packiyabodi@gmail.co m,mde@vcet.ac.in	Velammal College Of Engineering And Technology,Madurai.	3	1500

10	VSI20055	IoT Controlled Smart Wheel Chair For Physically Challenged People	Dr.P.Sevvel, drsevvvel@saec.ac.in; 9445048418	A. Karthikeyan, V. Hariharan, J. Noble Antony	81246802 43 94450484 18	1612070@saec.ac.in; 1612065@saec.ac.in; 1612082@saec.ac.in	S. A. Engineering College	3	1500
11	VSI20056	Automatic Unlocking & Locking Of Doors Wirelessly Using Uhf Rfid	R.Sreedhar, sreedharr@veltech.edu.in , 9566580080	Rishab Mahato, Vyshak M, Ganesh Kurmi	89181992 07 86105576 43	rishabmahato1998@gm ail.com, vyshakshock08@gmail. com, ganeshkurmi850@ gmail.com	Vel Tech Rangarajan Dr.Sagunthala R&D Institute Of Science And Technology	3	1000
12	VSI20059	Ticketing System Using Rfid And Iot With Dbms Under Artificial Intelligence	Dr.S.Senthilrani AP- I/EEE , ssr@vcet.ac.in , +919486118630	M.Sabari Vignesh, R.Magesh, S.Karthikeyan B.E. (Eee), Iv Year	98651799 74 94861186 30	sabarivignesh007@gm ail.com, magesh20699@gmail.c om, karthikn6298@gmail.c om	Velammal College Of Engineering And Technology, Madurai.	3	1500
13	VSI20061	ML Based Bms To Predict And Increase Battery Life	Rajesh kannan, rajmag.abi@gmail.com, 9840455620	Gokulaprasath, B.E(Ece), 4Th Year	73585271 05 94861186 30	gokulaprasath18@gmai l.com	St. Joseph'S College Of Engineering	3	1500
14	VSI20063	Non-Destructive Testing For Fruit Grading	Dr. S. Senthilrani, AP I/EEE, ssr@vcet.ac.in & 9486118630	B. Bharathi, S. Krishna Veni, R. Preetha, B.E (Eee), Final Year	82200637 63	itzbharathib@gmail.co m, krishnavenisankar99@ gmail.com, preethasep15@gmail.c om	Velammal College Of Engineering And Technology, Madurai.	3	1500
15	VSI20079	Arduino Based Smart Resuce Solution For Children From Bore Well	Dr.S.Baghya Shree, baghyashree.s@auucedgl .ac.in & +91 97865 86948	J. Aravind Priyadharsan1, A.Robin Rahul2 ,D. Sriram3		jaravindpriyadharsan50 1@gmail.com1 , robinrahul1999@gmail. com2, sriramdeva77@gmail.c om3	University College Of Engineering Dindigul	3	1500

16	VSI20080	Innovative E Wheel For Electric Vehicle	Dr.S.BASKAR, drbaskar@veltech.edu.in & 8124250633	Rigden Rumba ,Manish Kumar Mahato,Ii Year,Dept Of Eee,	70740323 36 81242506 33	rygdenrumba99@gmail .com, Manishmahatto981811 76@gmail.com	Vel Tech Rangarajan Dr.Sagunthala R&D Institute Of Science And Technology	2	1000
17	VSI20086	Crop Waste Management	Mr.P. PONDEEPAK, pondeepak.civil@sairami t.edu.in, 9715197688.	Mahalakshmi.S, Padma Priya.N, Suvaathi.V, 3Rd Year, B.E (Civil).	99529024 27 97151976 88	mahalakshmi2000n@g mail.com, padmaja2000n@gmail. com, suvaathivasu18@gmail. com	Sri Sairam Engineering College, Sai Leo Nagar, West Tambaram, Chennai - 600044.	3	1500
18	VSI20107	Trans-Glass	Mrs. M. Devaki, mde@vcet.ac.in, 9791200922	Venkatesh R N S, Santhosh M R, Mohammed Mydeen A, B.E., 4Th Year	86818912 64 97912009 22	rns181999@gmail.com , santhoshgowtham97@ gmail.com, mydeenpuliangudi@g mail.com	Velammal College Of Engineering And Technology,Madurai.	3	1500
19	VSI20118	Speed Control Of Vehicles And Accidents Avoiding System Using Myrio Kit	Vignesh Arumugam, vignesharumugam@gma il.com, 7708505653	S.E.Vivek, R.Satheesh, V.Shanmuga Prabhu, Bachelor Of Engineering (Electrical And Electronics Engineering), Iiird Year.	93441832 56 77085056 53	aathisankar1999@gmai l.com, rsatheesh7800@gmail.c om , shanmugaprabhu007@ gmail.com .	Francis Xavier Engineering College, Tirunelveli	4	2500

20	VSI20124	Lifi -Technology	SANTHOSH KUMAR K V ,santhoshkumar@bitsath y.ac.in, 9443307997	Ravikumar P B.E(Eee) 2Nd Year ,Prasad D B.E(Eee) 2Nd Year, Sanjay M.G B.E(Eee) 2Nd Year,	6379023639 9443307997	ravikumar.ee18@bitsat hy.ac.in, prasad.ee18@bitsathy.a c.in, sanjaymg.ee18@bitsath y.ac.in	Bannari Amman Insttute of Technology, Sathyamangalam	3	1500
21	VSI20130	Enactment Of Lean Techniques In Continuous Production Industry	Dr. M. Bhuvaneshkumar PhD, Assistant professor, Department of Mechanical Engineering, Mail-id: bhuvanesh@gmail.com	1.S. Kukhan-B.E Mechanical -Ivth Year 2.T.A. Ranjith Kumar- B.E Mechanical- Ivth Year 3.R.Nagaraj- B.E Mechanical- Ivth Year 4.S.Mokesh- B.E Mechanical -Ivth Year 5.K.Pragatheeswaran- B.E Mechanical -Ivth Year	8760179299 9894711713	kukhan1996@gmail.co m, aranjith4777@gmail.co m,narj.jsr@gmail.com	Kongu Engineering College (Autonomous) Perundurai, Erode- 638060	5	3500
22	VSI20131	Automatic Weeding Robot	Dr.M.FLORANCE MARY,M.E.,Ph.D., florancemary@pec.edu & 9047691848	Yogaraman D, Rajarathinam P, Yogesh R, Vetrivel A, B.Tech(Electronics And Instrumentation Engineering), 4Th Year	9489488561 9047691848	yoga.raman.d@gmail.c om, rajarathinampec.edu@g mail.com, yogeshkavitha09@gma il.com, vetrirano@gmail.com	Pondicherry Engineering College	4	2500
23	VSI20133	Hydrogen Vehicle	Dr. C. SHANMUGA SUNDARAM , hodeee@mvit.edu.in, 9443074395	Kishore Kumar.V, Hemalatha.S,Harini.G		turbokish@gmail.com, hemalatha282000@gm ail.com, harini2711@gmail.com	Manakula Vinayagar Institute Of Technology	3	1500

1.2 Event Brochure



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Encl. to S of UGC Act, 1956)



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)



VISAI 24th & 25th
FEBRUARY
2020

10th INTERNATIONAL PROJECT COMPETITION AND EXHIBITION

Creativity is inventing, experimenting, growing, taking risks,
breaking rules, making mistakes and having fun.

VISAI 10th year Succesfull Anniversary Journey is just beginning...

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
in line with the Sustainable Development Goals of United Nations
Development Programme for transforming India, invites innovative projects.

Winning Innovative Ideas will be supported by VelTech TBI for Incubation &
Funding Support



Eligibility:

Students pursuing
Diploma / B.E. / B.Tech. /
M.E. / M.Tech. / BCA / B.Sc. /
MCA / M.Sc.

Registration Fees:

For Diploma Students

Rs. 1000 per team (3 Members)

Others

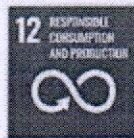
Rs. 1500 per team (3 Members)

Important Dates:

Abstract Submission: 24th Jan 2020

Notification of Acceptance: 27th Jan 2020

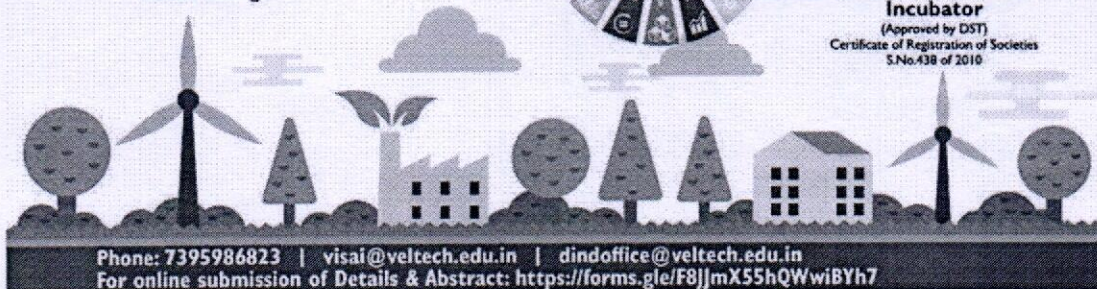
Note: Only 5 Applications are accepted
from a college.



APPLY IN ANY ONE OF THESE 8 THEMES

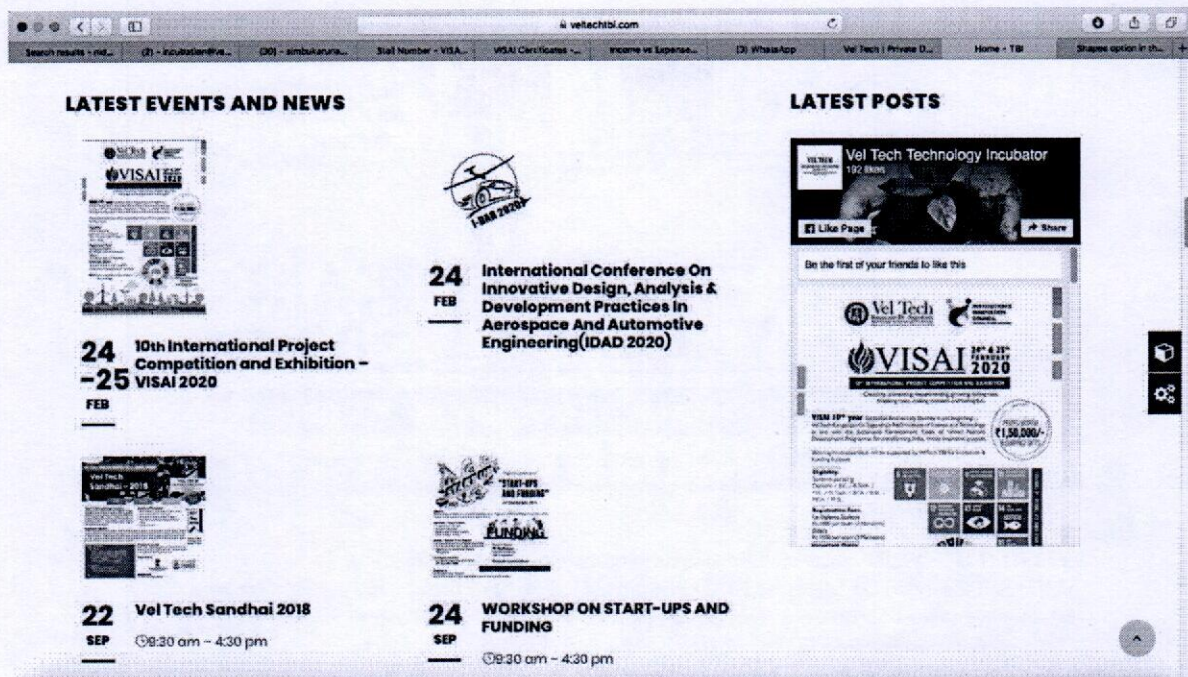


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Incubator**
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Certificate of Registration of Societies
S.No.438 of 2010



Phone: 7395986823 | visai@veltech.edu.in | dindoffice@veltech.edu.in
For online submission of Details & Abstract: <https://forms.gle/F8JmX55hQWwiBYh7>

3.2 VISAI Website Homepage Screen Shot



3.3 Invitation



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University) Estd. 1984

INSTITUTION'S INNOVATION COUNCIL
Initiative of the Institution

Cordially invite you all to the Opening Ceremony of

VISAI 24th FEBRUARY 2020
10th INTERNATIONAL PROJECT COMPETITION AND EXHIBITION
(An event focusing on Sustainable Development Goals, set by U.N.)
VENUE: Convocation Hall | 11 A.M.

Chief Guest
Mr. S. A. Sundaresan
Vice-President - EV and eMobility Solutions
Ashok Leyland

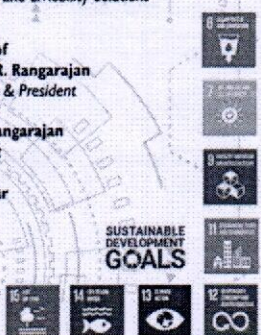
In the presence of
Col. Prof. Vel Dr. R. Rangarajan
Founder Chancellor & President

Dr. Sagunthala Rangarajan
Foundress President

Prof. V. S. S. Kumar
Vice Chancellor

Supported by
VEL TECH
TECHNOLOGY INCUBATOR
Entrepreneurship Development
Unit, Government of Tamil Nadu

SUSTAINABLE DEVELOPMENT GOALS





Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University) Estd. 1984

INSTITUTION'S INNOVATION COUNCIL
Initiative of the Institution

Cordially invite you all to the Valedictory ceremony of

VISAI 25th FEBRUARY 2020
10th INTERNATIONAL PROJECT COMPETITION AND EXHIBITION
(An event focusing on Sustainable Development Goals, set by U.N.)
VENUE: Vel Murugan Auditorium | 2:30 P.M.

Chief Guest
Dr. R. Mahadevan
Whole Time Director,
India Pistons Ltd, Chennai

In the presence of
Col. Prof. Vel Dr. R. Rangarajan
Founder Chancellor & President

Dr. Sagunthala Rangarajan
Foundress President

Prof. V. S. S. Kumar
Vice Chancellor

Supported by
VEL TECH
TECHNOLOGY INCUBATOR
Entrepreneurship Development
Unit, Government of Tamil Nadu

SUSTAINABLE DEVELOPMENT GOALS



3.4 Inauguration, Valedictory Backdrops & Banner designs

Welcome Banner:



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University) Estd. 1984

Hearty Welcome to Guests and Deligates



Chief Guest
Dr. N. Saravanan,
President & Chief Technology Officer
Ashok Leyland Ltd



Guest of Honour
Prof. Dr.-Ing. Christian Böller,
Chair of Non-Destructive Testing & Quality Assurance,
University of Saarland, Germany

4th International Conference on Innovative Design, Analysis & Development Practices in Aerospace and Automotive Engineering
24th - 26th February 2020



Sponsor
Ashok Leyland Ltd

Publication Partner
Springer

Inauguration of Vel Tech - Dr. Baldev Raj Non Destructive Testing Lab
Followed by Workshop on 24.02.2020



VISAI 24th & 25th FEBRUARY 2020
10th INTERNATIONAL PROJECT COMPETITION AND EXHIBITION
(An event focusing on Sustainable Development Goals, set by U.N.)

A decade of Journey



VISAI 2020 - Quick Look

8 Goals of SDG	89 Teams	33 Academic Institutions
300 Students	5 States	16 Industry Experts

Backdrop Banner-Valedictory:

Chief Guest
Dr. R. Mahadevan
Whole Time Director,
India Pistons Ltd, Chennai

In the Presence of
Col. Prof. Vel. Dr. R. Rangarajan
Chancellor & Founder President

Dr. Sagunthala Rangarajan
Foundress President

Prof. Y. S. S. Kumar
Vice Chancellor

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
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No. 001 of 2019

SUSTAINABLE DEVELOPMENT GOALS

VISAI 25th FEBRUARY 2020
10th INTERNATIONAL PROJECT COMPETITION AND EXHIBITION
(An event focusing on Sustainable Development Goals, set by U.N.)
A decade of Journey

INSTITUTION'S INNOVATION COUNCIL
(University of VSS Institute)

Jury's Banner:

AFFORDABLE AND CLEAN ENERGY

Mr. Wilson Michael
Chief Executive Officer
Jascon Energy Pvt. Ltd.
Tiruch

Mr. S. Jeyakumar
DGM - R&D
AMCO Batteries
Chennai

CLEAN WATER AND SANITATION (2) & CLIMATE ACTION (1)

Mr. K. S. Handakumar
Managing Director & CTO
Gravus Solutions Pvt. Ltd.
Bangalore

Dr. T. Ravishankar
Principal Scientist
ICAR - Central Institute of
Brackishwater Aquaculture
Bangalore

LIFE BELOW WATER & LIFE ON LAND

Dr. Parasuraman
Principal Scientist
M S Swaminathan Foundation
Chennai

Dr. A. Gnanamani
Sr. Principal Scientist
Central Leather
Research Institute
Chennai

RESPONSIBLE CONSUMPTION AND PRODUCTION

Mr. B. Vaidhyan
Founder
Sattvika
Bangalore

Mr. Ravi Shankar
Founder & CEO
Clarite Innovations Pvt. Ltd.
Bangalore

SUSTAINABLE CITIES AND COMMUNITIES

M. Charles
Senior Manager
Wheels India Limited
Chennai

Mr. Anand V
Senior Manager
Accessure
Chennai

INDUSTRY, INNOVATION AND INFRASTRUCTURE

Mr. Ramesh Bhashyam
Vice President - Information Security
Brickworks Technology and
Consulting Pvt Ltd
Chennai

Mr. V. Ravindran
Group Head - Simulation, NVH &
Advanced Powertrain
Tractors and Farm Equipment Limited
Chennai

R. Muthuraj
Senior Manager - R&D
Wheels India Limited
Chennai

Dr. R. Shankar
Divisional Manager Electric Vehicles
Aethik Leyland Limited
Chennai

Mr. D. Srinivasan
Senior Manager - Slip Control Systems,
Engineering Research & Development
TVS Brakes India Pvt. Ltd.
Chennai

Mr. R. Anand
General Manager - R&D
TVS Brakes India Pvt. Ltd.
Chennai

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R&D Institute of Science and Technology
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JURY MEMBERS

VISAI 24th & 25th FEBRUARY 2020
10th INTERNATIONAL PROJECT COMPETITION AND EXHIBITION
(An event focusing on Sustainable Development Goals, set by U.N.)

INSTITUTION'S INNOVATION COUNCIL
(University of VSS Institute)

Podium banner:

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Chartered in the Companies Act, 1956 of India)

VISAI 24th & 25th FEBRUARY 2020
10th INTERNATIONAL PROJECT COMPETITION AND EXHIBITION
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SUSTAINABLE DEVELOPMENT GOALS