PSG

PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH

Neelambur, Coimbatore - 641062

QUARTERLY REPORT (Jan-Mar 2017)

Events Organized:

Health through Balanced Nutrition- How to Choose Wisely

The wellness centre organized the guest lecture on "Health through Balanced Nutrition- How to



Choose Wisely" on 4th January 2017 and the Chief Guest was Dr. Rohini Sharma., Associate Professor, Nutrition Department from PSG College of Arts and Science. She focused mainly on nutritious food habits and its impact on health. The session helped the students and faculty to learn to choose good nutrition that makes an individual life healthy in all aspects.

Fig 1: Dr. Rohini Sharma discussing the topic on "Health through Balanced Nutrition- How to Choose wisely" with PSG iTech students on 4th January 2017

Republic Day

68th Republic day was celebrated at PSG iTech on 26th January 2017. Flag hoisting was done by Chief guest, Professor V Ramachandran and Dr P V Mohanram, Principal. In his republic day address, Professor V Ramachandran brought out the glory of India and potential of Indian youth in making the country, a world renowned nation. iTech students numbering 21 boys and 21 girls

participated in march-past. The students of the institute performed mime on the topic "Unity in diversity". Students of ECO club of PSG iTech exhibited several household article and decorative items produced from waste material. 13 students from various departments of the institute participated in the event named "iVision 2017" (Integrated Vision). In "iVision 2017", students shared their experiential understanding of life skills related to human well being. The programme integrated inquiry based learning of life skills, together with traditional values as expounded by saints and sages. "iVision 2017" was a blend of discussion and songs which throwed light on the psychological challenges of a human being in the modern society and the means to grow out of them. PSG iTech students participated in tree plantation activity organised by ECO club. Nearly 100 saplings were planted by the students and faculty members.



Fig 2: Flag hoisting by Chief Guest Prof V Ramachandran on Republic day function held on 26th January 2017



Fig 3: iTech Students participating in a cultural event iVision-2017 on Republic day function held on $26^{\rm th}$ January 2017



Fig 4: ECO-Club Members of iTech during Tree Plantation with Chief Guest, Prof V Ramachandran on Republic day function held on 26th January 2017

Inauguration of "e-Yantra: Robotic Laboratory"

"e-Yantra" is a project sponsored by Ministry of Human Resource Development (MHRD) through the National Mission on Education through ICT (NMEICT) programme. The e-Yantra Laboratory Setup Initiative (eLSI) of IIT Bombay enables colleges to set up robotics laboratory. The "e-Yantra: Robotics Laboratory" was inaugurated at PSG iTech on 10th February 2017.

Dr. P. V. Mohanram, Principal lit the ceremonial lamp and Dr. P. Radhakrishnan, Director, PSG Institute of Advanced Studies released the signage. The e-Yantra Robotics Laboratory signage was received by Dr. G. Chandramohan, Vice-Principal. The Principal distributed the e-Yantra Task Based Training (TBT) 2016 Award certificates and two free robotic kits. Principal thanked the e-Yantra Support Team of IIT-Bombay for their continuous support. Prof. C. L. Vasu, HoD-EEE, PSG iTech thanked all the dignitaries and e-Yantra technical team for their support. Prof. Kavi Arya, e-Yantra Principal Investigator, IIT-Bombay appreciated the efforts taken by faculty team of PSG iTech through video conferencing.



Fig 5: Inauguration of e-Yantra: Robotic Laboratory on 10th February 2017

Yukta: 2017

PSG iTech played host to a wide array of technical and management events at its First National Level Intercollegiate Technical Symposium, Yukta: 2017, on 17th February 2017. The symposium was intended to facilitate knowledge-sharing among the Engineering elite of today and tomorrow. Yukta: synonym of unison, paved way for unleashing the potential of young minds. About 35 technical events, 5 workshops and 7 management events were conducted to bring about the knowledge of interdisciplinary Engineering domains. An overwhelming response had been observed from participants as the symposium bore a witness to the enthusiastic participation of over 2000 students belonging to over 250 colleges from all over the state.

The events not only piqued the interest of every individual present, but also left them riveted. The symposium provided the students a rostrum for innovation and the fortitude to think critically, plan, execute and achieve. PSG iTech - Yukta: 2017 overall Winners Trophy was bagged by PSG College of Technology and the Runner up Trophy was bagged by Kongu Engineering college. During the Prize distribution ceremony of Yukta: 2017, Dr.P.V.Mohanram, Principal, PSG Institute of Technology and Applied Research remarked that, every aspect of the event, from its inception to the execution had been the outcome of the culminated efforts of the all the Heads of the departments, faculty, Staff members and students of the institution. Dr.G.Chandramohan, Vice-Principal of PSG iTech, thanked the Heads of the department, staffs, students and participants for their delighted and disciplined contribution to the Symposium. Yukta: 2017 came to an end with a musical treat by Airtel Super Singer Srinivas along with PSG iTech Music band.



Fig 6: Registrations for the National Level Intercollegiate Technical Symposium, Yukta: 2017 held on 17th February 2017



Fig 7: "Mr Machinist" Event was conducted on Yukta: 2017 held on 17th February 2017



Fig 8: A musical treat by Airtel Super Singer Mr Srinivas during "Yukta" held on 17th February 2017

Workshop on "A 7.0" conducted by PSG iTech students

The workshop "A 7.0" conducted on 17th February 2017 focused mainly on Android Application Development using Android Studio Software. The fundamentals of Android development was

handled by Mr.V.Nikeshh, II year BE CSE Student. Application development with programming features sessions were handled by Mr.J.R. Hari Nandha and Mr.A. S. Krishna Prasad of III year BE CSE. A live demo on sample chat application was given for the participants. Around 120 participants from various Engineering colleges in and around Coimbatore attended the workshop.



Fig 9: Workshop on "A 7.0" conducted by Mr.V.Nikeshh, II year BE CSE, Mr.J.R. Hari Nandha and Mr.A. S. Krishna Prasad of III year BE CSE on $17^{\rm th}$ February, 2017

Third iTech Dialogue

The third iTech dialogue took place on 22nd February 2017. The speaker for the event was Mr. Karthikeya Sivasenapathy, is the founder of the Senaapathy Kangayam Cattle Research Foundation, Kuttapalayam, Tiruppur district He delivered a speech on the topic "Native Livestock for the Common Man."

The speech was mainly focused on the importance of conserving the native species and their benefits. Mr. Karthikeya Sivasenapathy shared his knowledge on the evolution of agriculture in our country and how it is different from other parts of the globe. He discussed the two wide categories of cattle- Bos Indicus and Bos Taurus, and their different characteristics. He clearly outlined the benefits of our native cattle- the majestic 'Bos Indicus'. He appreciated the technique of sperm banks that could effectively prevent the risk of contagious, newly acquired diseases. He warned us about the artificial milking of cows using injections that could be potentially harmful especially to women. He threw light on the benefits of A2 milk over A1 milk and raised alarm at the risk of losing our native species. To put it in a nutshell, his speech encouraged the students to come together and take immediate and effective actions towards conserving our species and in turn, our culture. He pointed out that regional sports like Jallikattu and Rekhla race were focused on preserving the health and valor of the cattle.

The event turned out to be a grand success. Mr.Karthikeya Sivasenapathy thanked the students for extending their support in the fight against the protest of Jallikattu. He encouraged the students to show interest in all fields of study. He also requested the students, not to be ignorant of the political world and to actively involve themselves in politics and law. He also vividly explained the necessity of knowledge from various fields, in order to speed up the process of conservation and to do it on a large scale. The programme ended with a very spirited interaction between the students and the chief guest.



Fig 10: The third iTech dialogue was held on the topic "Native Livestock for the Common Man" on 22nd February 2017 by Mr. Karthikeya Sivasenapathy, Founder of the Senaapathy Kangayam Cattle Research Foundation, Kuttapalayam

Science Day

To mark the discovery of Raman Effect by Dr. Sir C.V. Raman, PSG iTech organized the National Science Day on 1st March 2017 with the theme "Science and Technology for Specially-abled persons". Dr. P.V. Mohanram, Principal addressed the students. The chief guest of the day, a Legend in the Diary of Carnatic music, with endless pages of achievements, dedication and the urge to learn more, even in the Sacred age of 70 was none other than "Kalaimamani" S.R Krishnamoorthy, a person who has fought a tough battle with valour, not with swords and shield, but with ragas and tala; a battle against Phocomelia. Despite his differences in his physique, he is an epitome of determination and will power. Music has always been his hope raiser. In other words, he is not only the pride of Coimbatore, but also India's "Nick Vujicic". He shared the cherishing moments he had with Dr. A.P.J Abdul Kalam who was also a lover of classical music. The students were enchanted with inner peace when Shri. S.R Krishnamoorthy sang one of his classical master pieces. Furthermore, he emphasized that Life may never be a bed of roses, but it is never a bed of thorns too. A paper presentation contest was also conducted with the theme "Science and Technology for Specially-abled persons".



Fig 11: Dr P V Mohanram, Principal addressing the gathering during the celebration of National Science Day held on 1st March 2017

International Women's day

International Women's day was celebrated on 8th March 2017. The special invitee who delivered the lecture was Dr.T.Ramya.,M.D., D.G.O., Associate Professor, Department of Obstetrics & Gynaecology, PSG Institute of Medical Sciences and Research. The topic of the lecture was, "Answers to unasked questions". Ms. Prathusha of I B.E., CSE delivered the welcome address. Introduction to Chief Guest was given by Dr. R.L.Josephine, Assistant Professor, EEE Department. Dr.P.V.Mohanram, Principal, inaugurated the programme. In his inaugural speech he emphasized the role of women in everyday life. Then the girl students performed a classical dance based on the theme 'Arthaanareeswar' More than 200 girl students, faculty and staff have attended the programme.

Chief Guest's lecture was more of an interactive programme than a guest lecture. She delivered a lecture on adolescence period, adolescent health and gynaecological problems with obesity. Also she spoke about nutrition for teenagers, teenage diet and obesity, healthy food habits, role of exercise and physical activity.

The chief guest gave away the prizes to the faculty and students who got first two places in the theme based competition, "Women in my perspective (enathu parviyil pengal)." The programme concluded with the vote of thanks by Ms. K. Shenbagavadivu, Personal Secretary, Principal's office. She expressed her gratitude to the chief guest, Dr. T.Ramya and thanked her for the important tips, she gave on health hygiene.



Fig 12: Women's Day celebration held on 8th March 2017 and the chief guest of the function was Dr.T.Ramya.,M.D., D.G.O., Associate Professor, Department of Obstetrics & Gynaecology, PSGIMSR

Inauguration of Innovation Centre

Padma Bhushan Dr.A.Sivathanu Pillai inaugurated first of its kind "Innovation Centre" in PSG iTech campus on 10th March 2017. He accoladed the efforts of the students and institution while inaugurating the Innovation Centre. He urged the students to come up with new ideas, so that the workable ideas can be converted into patents and products. He also addressed the students, the rich scientific background of ancient India by quoting Tippu Sultan's rocket. He said that the Innovation Centre setup by the institute will go a long way in filling the void.

He outlined the various advancements done by ISRO in the field of satellite communications and launch vehicles, in spite of stiff Missile Technology Control Regime (MTCR) restrictions imposed by developed nations. He also gave the glimpse of future projects of ISRO like exploiting Helium3 as energy source, mission to Mars and Venus. He spoke in depth about BRAHMOS, his present organization. He outlined the superiority of BrahMos missile over its equivalents in developed nations. In the end, he urged the educational institutions to facilitate the students to create and innovate, so that India can become a leading nation in future, not merely a developed nation.



Fig 13: Padma Bhushan Dr. A. Sivathanu Pillai – Founder CEO & MD, Brahmos Aerospace, Shri L. Gopalakrishnan – Managing Trustee, PSG & Sons Charities and Dr. P. V. Mohanram inaugurating the "Innovation Centre" on 10th March 2017

Industry Academia Conclave-2017 – Civil Engineering

"Industry-Academia-Conclave 2017" was hosted by PSG Institute of Technology and Applied Research on 10th and 11th of March 2017, for the second consecutive year which created a platform for both the students as well as faculty members to be aware of industry developments and expectations of skill sets required for students. The Conclave was inaugurated by Padma Bhushan Dr.Sivathanu Pillai, Founder, CEO & MD, Brahmos Aerospace, New Delhi. The Department of Civil Engineering had arranged Guest Lectures by inviting eminent personalities from various industries.

The First session of the Conclave was kick started with a mind boggling lecture by Er. P. Suryaprakash, Director, Satyavani Projects & Consultants Pvt.Ltd, Hyderabad. The underlying challenges and opportunities in the construction industry was very well brought into limelight and the internship offers by his company were also put forward. The second session was taken over by Er.V.Dineshkumar, Director, Hansem Building Solutions, Coimbatore.

The second day of the conclave began with a lecture by Dr.L.S.Jayagopal, Director, Mithran Structures Pvt.Ltd, Coimbatore on the design aspects of modern steel structures. The subsequent sessions were handled by Er.V.Paneerselvam, Managing Director, VPS builders, Chennai who has discussed the role of high rise buildings and Mr.Dinesh Kumar, Technical Manager, Teemage Preacast In, Tiruppur in which the potential growth of precast constructions were emphasized.

The final session was handled by Mr.J.Venkatesh, Head-Water Management, L&T, Chennai in which he briefed about the necessity and methods of water conservation which was the need of the hour. The Conclave came to an end with the release of "Scripture" a newsletter by the Department of Civil Engineering.

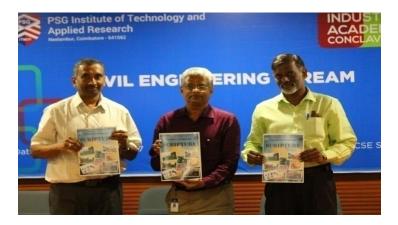


Fig 14: Release of Scripture by Er. J.Venkatesh, L&T, Chennai on Industry Academia Conclave-2017 held on 10th March 2017

Industry Academia Conclave - 2017- CSE, EEE & ECE

The first session was handled by Dr. Ganesh Kumar Ponnuswamy, Software Architect, Infence Technologies Pvt. Ltd., Coimbatore. He related the elements of nature to the sensory skills of a person. He focused on the need to use our skills efficiently and discussed how to improve the programming abilities.

On 11th March 2017, Mr. Madhan Karthikeyan, Senior Project Manager, Infosys, Chennai discussed the importance of automation in all processes. He also highlighted the opportunities in Cloud Computing. Mr. Saravanan Velrajan, Delivery Head, Verizon India, Chennai discussed the Internet of things, Digital architecture, and the role of Digital transformation. He advised students to concentrate in learning concepts and emerge as successful graduates.

In the afternoon session, Mr. N. R. Ramesh, General Manager, Wipro Technologies, Bangalore, detailed about the technology stack for digital storage architecture. He also discussed the developments in embedded systems. Dr. R. Chitra, CEO & Director, Delving Research and Development Pvt. Ltd., Coimbatore, discussed methods used in transmission and distribution of power, smart grids, simple steps to be followed by individuals to minimize losses in transmission, and the importance of energy conservation. She urged students to take up research work pertaining to practical problems related to transmission losses.



Fig 15: PSG iTech students presenting the memento to the chief guest Dr A Sivathanupillai, MD, BrahMos Aero Space on the occasion of inauguration of Industry Academia Conclave – 2017 held on 10th March 2017.

Industry Academia Conclave- 2017- Mechanical

The conclave started with a very interesting technical talk by Mr. Srinivasan Velusamy (Sr. Engineering Manager, GM Technical Center India Pvt Ltd, Bangalore) on the topic 'Automotive active and passive safety systems'. He briefed the audience about the design and importance of various safety systems in automobiles. The second session was handled by Mr. C Raghu (Vice President - Operations, ELGI ULTRA Industries Pvt. Ltd.). He stressed on the importance of bridging industry -academia gap and highlighted the importance of students going for internships. He also discussed on the industry expectations from a new graduate.

The next session was taken over by Mr. Alphonse (Former Group Manager – Employee Relations, Titan Industries Ltd, Hosur), and he stressed on the importance of bridging industry - academia gap. He highlighted the importance of students doing good projects along with academics. Discussions about the key skills expected from the new graduate, importance of communication skills, importance of attitude etc., took place. Mr. K P M Muthukumaran (CEO, KPM Plasto Rubber Co.) motivated the students towards Entrepreneurship. He also discussed how the growth curve of startup is different from growth as employees of a company. Mr. P Thangavel (Senior Manager (Design) & Project Manager (UAV) AR&DC, HAL) discussed the basics of technical aspects of how aircraft is able to develop power and propel and also he focused on Technical aspects of aircraft propulsion.

During the last session, Mr. D Eregamani (AGM & HEAD-TQM, MURUGAPPA GROUP, HOSUR) discussed about emerging technologies like smart manufacturing. He stressed on the importance of development of skills required by industry and also the importance of student attitude. He also discussed about the importance of new start-up initiatives from students and the role of industry in encouraging such initiatives.



Fig 16: Mr. Srinivasan Velusamy, Sr. Engineering Manager, GM Technical Center India Pvt Ltd, Bengaluru addressing the students during Industry Academia Conclave held on 10th March 2017

Research Advisory Meeting

Dr. D. R. Prasada Raju, Former Head of DST, New Delhi, has been visiting the campus regularly and he has provided input to faculty regarding preparation of research proposals. He has extended assistance to the following faculty of PSG iTech as listed below. The meeting was coordinated by Dr. K. Balaji, AP/Chemistry.

S. No.	Date	Key faculty who got input for preparing research proposal
1.		Dr. J. Tharrini, AP (Sl.G.)/Civil
1.	17.02.2017	Dr. P. Vetrivelan, ASP/ECE
	17.02.2017	Dr. M. Jayasanthi, ASP/ECE
		Dr. S. Vanitha, AP (Sr.G.)/ECE
		Dr. S. Vanitha, AP (Sr.G.)/ECE
		Dr R Ravikumar, AP/Humanities
2.	15.03.2017	Dr R Umadevi, AP(Sl.Gr)/EEE
		Mr Pon Harshavardhanan, AP (Sl.Gr)/CSE
		Dr S Harish, AP(Sr.G)/Chemistry
		Dr R Ravikumar, AP/Humanities
		Dr. S. Vanitha, AP (Sr.G.)/ECE
		Dr R Umadevi, AP(Sl.Gr)/EEE
3	20.03.2017	Dr S Harish, AP(Sr.G)/Chemistry
		Dr P Vetrivelan, ASP/ECE
		Dr M Jayashanthi, ASP/ECE
		Mr Pon Harshavardhanan, AP (Sl.Gr)/CSE

Value Added Course Conducted:

S. No.	Title	Year & Branch	Resource Person	Date	Students attended
1	Contour and Digital Elevation Modeling by Quick Grid	II Civil	Dr.C.Gajendran, Associate Professor, Department of Civil Engineering, Karunya University, Coimbatore.	27 th February 2017	55
2	Concepts of Engineering Design	I Mechanical	Dr P V Mohanram, Principal, PSG iTech	II Semester	54

Guest Lecture/Workshops Organized:

S. No.	Event	Year & Branch	Presided/Organized by	Date
1	Guest Lecture on Problematic Soil and their Improvement	II & III Civil	Dr.V.K.Stalin, Professor, College of Engineering, Guindy	06.02.2017
2	Workshop on Bar bending and Reinforcement	III Civil	Dr.M.I.Abdul Aleem, Professor & Head, Department of Civil Engineering, PSG iTech, Neelambur	08.02.2017
3	Guest Lecture on Student Mentoring Programme	II & III Civil	Er. S.Pichaya, Former President, Association of Consulting Civil Engineers (India), Coimbatore	23.02.2017
4	Tech Talk on Industry Association	II CSE	Er.A.Sampath Kumar Consulting Engineer & Energy Auditor Center for Industrial Research and Development, PSG Tech	15.03.2017
5	Guest Lecture on Higher studies at MIT	III EEE	Dr. Kathik Shekar MIT	03.01.2017
6	Session on Placement Experience	III EEE	Mr Jayakumar, Mr Mubarak, Ms Divyashree and Ms Swarnalakshmi Final year BE(SW) EEE Students, PSG Tech, Coimbatore	24.02.2017
7	PSG Foundry Visit	I (All Five Branches)	Prof K Anantharaman, and Mechanical Engg. Team	04.01.2017 to 5.01.2017

Industrial Visit by Students:

S. No.	Branch	Year	Date	Place of visit	Total Number of Student
1	Civil	I Year (2016-2020)	06-02-2017 Mettur Dam		44
2	Civil	II Year (2015-2019)	14-02-2017	14-02-2017 Vellian Kadu Water Treatment Plant	
3	CSE	I Year (2016-2020 batch)	18-02-2017	The Needle Industry, Ooty	56
4	CSE	II Year (2015-2019 batch)	06-03-2017	All India Radio, Kodaikanal	51
5	ECE	II Year (2015-2019 batch)	22-03-2017	FM Rainbow Station Kodaikanal	51
6	МЕСН	II Year (2015-2019 batch)	23-03-2017	Best Heat Treatment Plant	50

Industry-Institute Interaction

S. No.	Faculty Name	Date	Conference	Venue
1	Dr. Hamsapriya T.	1.3.2017	Bridge 2017- India Convergence 2017 by ICT Academy	ITC Grand Chola, Chennai

Conferences/Workshops/FDPs Attended

S. No.	Name	Event Title	Venue	Date
1.	Dr. Hamsapriya T.	International Conference on IoT, Data Science and Security – ICIDS 2017	PSG College of Technology, Coimbatore	06.01.2017
2.	Mr. Harikrishnan, R S Ms. Niranjani, G	Workshop on 'Design and Development of IOT Systems'	PSG College of Technology, Coimbatore	05.01.2017
3.	Dr. Hamsapriya, T. Ms. Sumathi, A.C. Ms. Radhika, P. R. Ms. Vilasini, V. Mr. Karthikeyan, S.	5 th CSI Annual Convention on "Digital Connectivity: Social Impact"	CSI Chapter, Le Meridien, Coimbatore	22.1.2017 to 25.1.2017
4.	Mr. Harikrishnan, R S Ms. Niranjani, G	Workshop on 'Design and Development of IOT Systems'	PSG College of Technology, Coimbatore	05.01.2017
5. 6.	Ms. Lakshmi Kalpana Roy,K. Ms. Hemkiran, S.	FDP on Cloud Infrastructure and Services conducted by ICT Academy	Hindustan College of Engineering and Technology	7.2.2017 to 11.2.2017
7.	Ms. Sumathi, A.C.	7 th Edition Productivity Conclave 2017: Leadership and Development for Next Generation	The Coimbatore Productivity Council, Coimbatore	15.2.2017
8.	Dr. Muthukumar, A.	FDP on Engineering Education: Recent Trends, ABET Study & Collaboration with CSU	PSG CARE/ PSG IM, Coimbatore	9.3.2017
9.	Mr. Thivaharan, S.	Workshop on Effective Communication and Presentation Skills	PSG CARE/ PSG IM, Coimbatore	4.3.2017
10.	Mr T R Raghuram	Effective Communication and Presentation Skills	PSG IM	04.03.2017

S. No.	Name	Event Title Venue		Date
11.	Ms Bavithra K.	Effective Presentation skills by Mr. Ravikumar	PSGIM	25.2.2017
12.	Dr N Saravanakumar Dr P Manojkumar Prof K Anantharaman Mr S Kulanthaivelu Mr J Nagarjun Mr S Nanthakumar Mr C Gopalakrishnan Mr Anand Mr Senthilvel Mr T Premkumar	IMTEX	Bangalore Exhibition Center (BEC), Bangalore	01.02.2017
13.	Dr Kandasamy P R Dr Jailaxmi V Dr Aramuthakannan S Dr Chitra V Mr Chinnaraj P.	Teaching Mathematics to Engineering Students	PSG iTech	31.01.2017
14	Dr. A. Kumaravel	Leadership and Development for next generation	The Residency Towers, Coimbatore	15.02.2017

Workshop attended by Students

S. No.	Student Name	Branch	Date	Title of Workshop	Venue
1	Dhanasekar D Vigneshwar I Hari Krishna S	III B.E CSE	17.01.2017	"Data Analytics Workshop using R Programming, Hadoop, Apache Spark Framework"	PSG College of Technology

Sports Achievements by Students

Name of the Student	Batc h	Yea r	Event	Venue	Date	Achievement/ Award
			RC Boat and RC Hovercraft	NIT, Tiruchy	03.03.17 to 04.03.17	Participated
Mr Abhishek	2015- 2019	II	Paper presentation	Nebula PSGIAS	10.03.17	Participated
			Basket ball	Park College Cbe	11.03.17	Won Quarter finals
Mr Sakthi Vignesh	2015- 2019	II	Sepktakraw	MJP Rohilkand University UP,	0602.1 7 to 10.02.17	Silver Medal
	2019			Chandigarh	2802.1 7 to 01.03.17	Silver Medal in Federation Cup National
		II	Debate Competition	Dr.MCET	04.02.15	1st place with cash award Rs.1500
Mr Nagarajan	2015- 2019		Literary Treasure Hunt	Dr.MCET	04.02.15	2 nd place with cash award Rs.2000
	2019		Marketing Event	Yugam, KCT	09.02.17	2 nd place with cash award Rs.1000
			Virtual Stock Event	Yugam, KCT	10.02.17	2 nd place with cash award Rs.1000
			W/s on Industrial Automation	IIT Madras	21.01.17 to 23.01.17	2 nd place
Mr Surya Prasanth	2015- 2019		IC Engine Assemble and Design	IISc Banglore	22.01.17 to 23.01.17	Attended
			RC Boat and RC Hovercraft	NIT, Tiruchy	02.03.17 to 03.03.17	Participated

Mr Haswanth		II	Quadcopter, Hovercraft, Line follower bot, Brand wars, Optimo	Shaastra IIT Madras	31.12.16 to 03.01.17	Qualified till finals
	2015- 2019		RC Boat and RC Hovercraft	NIT, Tiruchy	03.03.17 to 04.03.17	Participated
			ISTE Student Chapter	ISTE	04.03.17	Best student chapter award by ISTE during 16 th Annual Engineering student convention
Mr Niraimozhi Mr Thiruvenkataraja Mr Mohanaramakrishnan Mr Manishankar Periyasamy Mr Harinath, Mr Yogesh Kumar Mr Barath Kumar K E	2014- 2018	III	Eco Kart Series 2017	BML Munjal University Harayana	02.03.17 to 04.03.17	2 nd place in Podium finish event