

Annual Report of Activities @SNGIST

Sree Narayana Guru Institute of Science and Technology was established in the year 2003 with the objective of providing high quality professional education to the students and thus fulfilling the social commitment of the Gurudeva trust. The year 2012-13 being the Decennial of SNGIST, it has strategically focused its attention towards excellence and recognition. The department of management studies is in the process of getting accreditation by NBA. SNGIST has initiated activities for establishment of a research centre and a business incubation centre in association with startup village, Kakkannad. We are sure that with the available talent pool we will be able to fulfill the objectives and achieve the status of excellence. SNGIST is an integrated technical campus offering professional degrees, MBA, MCA and B.Tech in five engineering branches. The institute has already received approval from AICTE and MG University for offering integrated dual degree in computer applications (MCA dual degree program). It is proposed by the engineering department to offer M.Tech in Civil Engineering from the next academic year. Brief reports of different departments are appended below.

DMS@SNGIST

The Department of Management Studies (DMS) is the flagship division of Sree Narayana Guru Institute of Science & Technology and has been in the forefront of management education for the past ten years and ranks fifth as per the Inter – B-School Survey 2013.

The objective of the MBA program is to develop young men and women into competent professionals. Department of Management Studies has completed more than a decade in providing holistic professional education to students. DMS enables the students to face the challenges and opportunities through Activity-Oriented Learning methods, Research oriented programs and industry interactions. We have a team of sixteen full-time faculty members. The Faculty blend comprises of a team with doctorate holders, research scholars and academic experts. They train and develop the students to become corporate leaders with social commitment. The following are the some of the activities organized by the department in 2012-13.

Competence building Activities

1. A certificate course was conducted for S3 2010-12 batch from 1st to January 3rd 2012 by College of Logistics Management, A Division of ‘Chips’ Software Systems.
2. A Certificate Course was conducted on “Managing Retail Business” from January 9th to 11th 2012 for S3 (2010-12) batch to get an edge during placement.
3. MBA students attended Union Budget talk organized by Malayala Manorama on 16th March 2012.
4. Bridge course for S1(2012-14) batch was inaugurated by Prof. Manoj Menon a management academician and consultant on May 18th 2012.
5. DMS organized a Bridge course where the fundamentals of Maths, English, Accounting and Statistics were taught for 2 weeks for the newly admitted students from May 21st 2012 to June 1st 2012.
6. “Women Entrepreneurs- Leaders of Change” a one day training programme was organized for S1 MBA and faculty at Taj Gateway Hotel on June 13th 2012.
7. Bridge Course for the 2nd batch of students was inaugurated on June 20th 2012 by Dr T R Suresh Manimala, Management Expert.
8. MBA 2012-14 was formally inaugurated by Ms Parveen Hafiz, MD of Sunrise Hospital on July 05, 2012.
9. Dr Henry Aspequist from Spain delivered the first Decennial Lecture on Sustainable development on August 23rd 2012.
10. A field survey was taken up by S3 MBA students in collaboration with KITCO on small entrepreneurs on November 1st and 2nd 2012.

11. International Seminar by Mr Michael Horsepool (CEO, YAP) and Mr Joseph Williams on “Barriers in Employment” was organized on February 05th 2013.
12. Seminar on “Project Finance Management” by CAD Team from Palarivattom was organized on February 15th 2013.
13. Logistics Certificate Course for S4 MBA (2011-13) by Learning Trails and Straits Academy Malaysia was organized from 21st to 25th May 2013.
14. Bridge course of MBA 2013-15 Batch was inaugurated on May 28th 2013 by Mr Manoj Menon.
15. Inauguration of new batch of MBA was done by Mr V Ramesh, IIMB Alumni and former CFO of AVT McCormick on July 1st 2013.
16. An interactive Session by Ravi Sanjith, Country head ICICI for S1MBA (2013-15) was organized on September 09th 2013.
17. A seminar was organized for S2MBA by Er Mythili of KSPCB on Environment Pollution and Awareness on July 31st 2013.

Industrial Visits

1. S3 (2010-12) MBA batch went for an industrial visit to Vallarpadam Container Terminal to get a feel of Logistics on February 07th 2012.
2. S3 2010-12 MBA batch went for an industrial visit to Kochi Refineries Ltd on February 16th 2012.
3. S1 MBA students have visited FACT on January 10th 2013.
4. S4 MBA students went for industrial visit to DP World on May 27th 2013.
5. S1 MBA students (2013-15) visited Binani Zinc and interacted with the senior executives on July 25th 2013.
6. S1 MBA students visited KLF Irinjalakkuda and interacted with the MD and senior executives on October 5th 2013.

Confidence building Activities

1. Every batch starts with a high power residential training programme scientifically designed and organized called Rope in Programme at Assissi Saanthi Kendra for 7 days. The 2012-14 batch attended Rope in from July 5-12 July, 2012. The 2013-15 batch had their rope-in from July 1-8, 2013.
2. Students are also taken for Kalypso Adventure Outbound training during their third semester. The 2012-14 batch students attended Kalypso from 4-6 February 2013.
3. Personal Effectiveness Training for S4 2010-12 batch was given by Dr. Ratish Ambat on March 9, 2012.
4. Career orientation sessions were handled by Mr. Vijay Korath, Training head of Muthoot group on June 28th 2012.
5. A training on Fine Dine was given to S1 MBA students by Prof Ajith, who was formerly with Le Meridian. It was organized in Hotel Yuvarani on June 28th 2012 for 2012-14 batch and June 27th 2013 for the 2013-15 batch.
6. A special Interactive session was arranged with Executives of UAE Exchange on June 29th 2012 for the 2012-14 batch.
7. Executive Filter Level II for 2012-14 MBA batch was given by Ms. Sheela Jose on August 22nd 2012.
8. Zeitgeist -6th edition on 19-20 October 2012 was conducted by the senior students of 2011-13 batch
9. S1 MBA students were given training on Personal Effectiveness by Dr. Ratish Ambat on June 4th 2013.
10. Training for S4 MBA Students by Mr Benny Kurian on Team Building and Confidence building” on February 14th 2013.
11. In houseboat training for S4 on Executive Grooming was conducted by Mrs Asha Fenn on March 18th 2013.
12. GDPI- Training was given by Adv. Dinesh for students shortlisted by SIB on May 29th 2013.
13. Language training by Strings academy for S1(2012-14) MBA students on May 29th 2013.
14. Training on “Importance of Systematic Study” by Aju John and Siva Bhaskar of TIME conducted on June 19th 2013.

15. For the MBA 2013-15 batch, the bridge course was organized and the same was inaugurated by Mr Vishnu Lona Jacob a well known trainer on June 13th 2013.
16. Jump Academy provided two day Training in English Communication for fresh batch (2013-15) on June 14th 2013

Showcasing of Alumni

1. Anoop Cheeroth, Business Development Manager, Shell UK took a session for 2012-14 batch on July 10th 2013.
2. Ms Shilpa, HR Consultant from AON Hewitt, Delhi interacted with 2012-14 batch of MBA on June 18, 2013.
3. Mr Sandeep, Administrative officer, Customs Clearance Office, W. Island on September 28th 2013.
4. Mr. Taj K George, Area Manager Videocon on August 3rd 2013.
5. Mr. Prasad M Nambiar, Lead recruiter, Worly Parsons, Mumbai interacted with the students of MBA 2013-15 on July 18th 2013.

Compassion building Activities

1. Earn a day – One day work in any organization was organized during the Rope in programme. The Earn-a-Day activity for 2012-14 batch was on July 10th 2012. For the 2013-15 batch, Earn-a-Day program was on July 6th 2013.
2. Sambhu Panicker (IIT Mumbai) conducted a training session for MBA S2 (2012-14) and S4 (2011-13) students on February 14th 2013 and July 5th 2013 respectively on meditation titled “Success in Life” to help the students to rebuild and strengthen the relationship with parents.
3. Students were made to spend a day with the inmates of SSSmile Village - an orphanage and support them with the earnings from Earn-a-Day program on the last day of Rope-in programme. For the 2012-14 batch it was organized on July 11th 2012 and for the 2013-15 batch it was organized on July 6th 2013.
4. Malala Solidarity day was celebrated by students of 2013-15 batch on August 3rd 2013.

Placement activities at a glance

1. The Placement Brochure for S4 MBA (2011-2013 batch) students was published.
2. A Logistics Certificate Course was conducted for S4 MBA (2011-2013 batch) students from 21st May to 24th May 2013. The training programme was organized by Learning Trails, Kochi in association with Straits Academy, Malaysia. The feedback of the programme was excellent. The students also visited the Vallarpadom Container Terminal on 27th May 2013 as part of the Logistics Certificate Course.
3. A GDPI training was conducted for S4 MBA (2011-2013 batch) students on 29th and 30th May 2013 by TIME Pvt. Ltd.
4. The photo shoot for S3 MBA (2012-2014 batch) students was organized on 4th and 5th October 2013. The Placement Brochure work has commenced.
5. Three students of S4 MBA (2011-2013 batch) have been shortlisted for the post of Probationary Officer (Relationship) by South Indian Bank Ltd. The interview is scheduled on 11th October 2013. The students are Amritha, Jijin E.J. and Arun.
6. Twelve students of MBA (2011-2013 batch) were shortlisted for Probationary Officer Scale 1 in South Indian Bank Ltd. conducted on 2nd July 2013. A GDPI training was conducted for the shortlisted students on 1st July 2013 by Adv. Dinesh.
7. A Placement Drive for S4 MBA (2011-2013 batch) was conducted on 17th July 2013 by Brama Learning Solutions. Three students of DMS, SNGIST (Jijin E. J., Shafin & Thanveer) have been placed.
8. Mohammed Sahil of MBA 2011-2013 batch has been placed with KPMG.
9. Kashmeera Kalesan of MBA 2011-2013 batch has been placed with Global Vision, Bangalore as PRO.
10. Jaro Education conducted a Placement drive in SNGIST campus on August 5th 2013. Seven students were shortlisted for the final interview held in Trivandrum. The shortlisted students are Mithu, Shyam, Shafin, Sreelakshmi, Deepak, Dony Jose and Thanveer.

11. Hedge Equities conducted an online test in SNGIST. The shortlisted students were called for a final GD and Interview in Hedge House, Ernakulam on August 12th 2013. Three students Thanveer, Muneer and Dony Jose were given offers by the esteemed organization.
12. RBG commodities offered jobs in their company to two students, Renju Radhakrishnan and Shanil M.V. in the area of Marketing.
13. ATS – Chennai conducted their placement drive in SNGIST campus and recruited four students Dony Jose, Mithu S.Rajeev, Deepak Krishnan and Shabin Raj.
14. HDFC Bank shortlisted 16 students for their online test. Divya Salim cleared the written test. The date of interview is awaited.
15. Sejal S of 2011-13 batch .has been called for interview with Glitnr Corporation.
16. Axis Bank conducted a campus drive for S4 MBA (2011-2013 batch) students for the post of Business Development executives on 1st October 2013. Sixteen students attended the interview.

Leadership enhancement initiative

Leadership Enhancement Initiative is an inbound skill development program for management students apart from their classroom experience. Students are exposed to real world situations and made to have a thorough analysis on the current happenings from all areas of general significance. The entire first semester students were divided into two batches and each batch has their respective faculty coordinators i.e., Mr Binu V S and Mr. Padmanabhan N S. The activities are planned in advance on monthly basis and uploaded in face book community for prior knowledge of the members of each batch. Four afternoons in a week are set apart for this Activity.

The Activities include

- Presentations on any Economic and Non-Economic Issues
- Business Quiz
- Chat with Corporate leaders
- Brand awareness.

Students have done presentations on following topics of current relevance:

- Rupee depreciation, FDI, Islamic Banking, Money laundering, CAD, 16 economic problem India faces today, Food security bill as economic issues, Syria unrest, Telengana, Planning commission and poverty line, Pakistan violation of LoC, Delhi gang rape

Business quiz has been very informative for the students as they get to know about new brands and corporate culture.

The third semester students are given exposure towards developing language skill, critical analysis skill, aptitude, current affairs and article presentation, group discussions and interview tips.

Faculty Development Programmes

1. A National Seminar on STRATEGIC BUSINESS PRACTICES (SBPs) AND INNOVATIVE ENTREPRENEURSHIP MODELS (IEMs) FOR CORPORATE INDIA is proposed at SNGIST, North Paravur, Kochi on October 24th and 25th, 2013. Participation are sort from Industry/professional delegates, academicians and students of various B-Schools.
2. DMS had conducted an FDP on “Teaching Skills for Management Teachers” on May 29th and 30th 2013. The main resource persons were Prof Mathew J Manimala (IIM-B), Prof Ancheri Sreekumar(IIM-A) , Dr Anandakuttan B Unnithan (IIM-K) & Dr K S Divakaran Nair(Director, SNGIST).
3. A National Seminar on ‘Strategic Restructuring of Management Education’ was conducted on 16th, 17th November 2012.

4. A 2-Day National Workshop on “Research Methodology & Data Analysis” was conducted on April 27th and 28th 2012 for research scholars and management faculty.
5. An FDP on “Research Methods and Data analysis & Interpretation based on a Psychometric test feedback” was conducted by DMS on July 31st 2012. The resource person was Prof Dr P R Poduval.
6. Prajwal: A management journal is published from DMS with the research articles of teachers in every six months.
7. Faculty Members are encouraged to Present papers in National and International Conferences and Faculty development programmes in their respective areas.

The Department of Management Studies symbolizes the realization of dreams and aspirations of a large community. We believe in nurturing the latent potential of students by facilitating learning beyond the class room. Our alumni are embodying the Institution’s mission as "leaders who make a difference in the world". Our alumni have invariably gained the competency and skills, experience and expertise to face tough times in international business scenario. They have been placed across the globe and have attained several managerial positions. The Department provides opportunities to the budding student-managers to develop analytical capabilities, demonstrate self confidence and to become leaders in their chosen field.

MCA@SNGIST

The Sree Narayana Guru Institute of Science and Technology offers post graduate course in Computer Applications (MCA). The objective of the course is to mould students to become professionals in software industry by providing an outstanding environment of teaching and research in the core and emerging areas of the discipline. The department also gives great importance to mentoring in order to improve the students in all aspects. The department brought up vibrant ideas of paperless campus, Wi-Fi facility and e-learning systems - Moodle. This gave unique image to the department in its childhood itself. More than 90% result was achieved every year through the continuous effort of the dedicated faculty members. The dean of the department is Prof. V Suresh Kumar and most of the faculty members are research scholars in reputed universities creating a knowledge centric learning atmosphere.

Workshops and Seminars

Faculty members attended major seminars and workshops on IT to enhance their knowledge level and skill sets.

Seminars and Workshops attended by the students

- A seminar on PHP language and its features was conducted on 31st August 2013 for s4 students by Nikhil N Das and Mr.Praveen Boby, Aspin Labs, cochin.
- A seminar/Workshop on JAVA and ANROID was conducted on 28th Sep.2013 by AXL Software soln,Cochin.
- An Introductory Talk about Kerala StartupVillage,on Sept-2013, by Devsapce, Cochin.
- Seminar on Anroid on 17th August 2013 by Cyber Prism.
- Seminar on Cloud computing by HP training Institute, Kakkanady on 24th August 2013.
- Workshop on Communication Skills and aptitude by Mrs. Sudha on 3/8/13.
- PDP by Jinto Mathew on 26th July 2013.
- Training on “communication skills” by Anu Radha of Carrerfit. On July 2013.
- PDP by Mr.Jayagopal on 1st August 2013.
- PDP by Mr.Benny Kurian on 2nd August 2013.
- Workshop on “power on Communication“ by Mr.Jayagopal on 3rd August 2013.
- Workshop on “Network Programming using Java” by LCC on June 2013.

The students also participate in various competitions conducted by different organizations and institutions.

Workshops and Seminars attended by the faculty members

- Mrs. Soumya M and Mrs. Prajeesha T M of MCA department attended an International seminar on cyber crimes and Law on 17th August at CUSAT.
- Mr. Jino P John of MCA department attended a training programme organized by school of engineering, CUSAT from June 10th to June 15th 2013.
- Prof. V.Suresh kumar , Dean, MCA department attended Participated 2 weeks FDP sponsored by AICTE in “Research methodology” at SCMS, Karukutty on May 2013 .
- Prof.V.Suresh Kumar, Dean,MCA has attended a two days workshop on “Research methodologies-Cloud Computing on March 1st and 2nd 2013 at CSI college of Engineering, Ooty, Tamilnadu.
- Mr. Shameer K.S , Asst.Professor of MCA department attended a one week workshop on “Emerging Trends in Embedded Systems and Applications”at CUSAT on 18th to 22nd Feb 2013
- Mrs. Divya M O, Assistant Professor, MCA Department attended The two day seminar series conducted at Avinashilingam university, Coimbatore on 20th and 21st Feb 2013
- Mrs. Smitha Harikumar, Asst.Professor , of MCA department attended a 3days workshop on open source for academic tools from 22nd to 24th February 2013 at RSET.
- Mrs. Kavitha C.R and Shidha M.V, faculties of MCA department attended an one day workshop on “Essentials of Latex” on 23rd February, 2013.
- Mrs. Soni P.M and Jino P.J faculties of MCA department attended a two day workshop on “Ethical hacking” on 16th and 17th January, 2013 at Naipunya college.

Paper presentation/publications

The following are the list of paper presentations and publications:

- Mrs. Sabitha P.C of MCA department presented a paper “An art of solution design” in the National Conference on Modeling, Optimization and computational technology at SNM college, Maliankara on 5th and 6th April, 2013.
- Mrs. Raymol Joseph of MCA department presented a paper on “A verdict- Theoretic framework for Numerical attribute value reconciliation” on 14th March, 2013.
- Mrs, Kavitha C R of MCA Department has published an article on “Chemical Data bases: A Brief Walk” ” in IJETAE ISSN-2250-2459, vol 3,issue 8, August 2013.
- Mrs. Smitha Harikumar, Prof. V.Suresh Kumar, of MCA department have published an article on “Applications of Big Data in Data mining” in IJETAE , ISSN-2250-2459, vol 3,issue 7, July 2013
- Prof.Suresh Kumar, Dean, Dept.of Computer Application has published an article on “ Performance Analysis of Cloud under different virtual machine capacity” in the International Journal of Computer Applications IJCA, April 2013 issue.
- Mrs.Kavitha C.R, Mr. Jino P.J, Mrs. Shidha M.V of MCA department have published a paper on “Reusability and Pattern Mining” in the International Journal of Computer Applications IJCA, April, 2013 issue.
- Mrs. Smitha Harikumar of MCA department has published an article on “An efficient algorithm for disease prediction with multidimensional data” in the International Journal of Computer Applications IJCA, February 2013, vol. 63, issue No.9.

The department also publishes an internal journal ‘Bodhi’ – a working paper series of faculty members in which all the faculty members are contributing articles and a monthly newsletter ‘Bits and Bytes’ to show cast all the departmental activities to the outside world.

Industrial Visit

Every year MCA department is conducting industrial visits and tours. This year students along with faculty members visited MyShore IT Solutions Pvt., Ltd. Mysore. The technical experts of software field conducted a work shop and a campus tour. By this, the students got more ideas about the software industry, job, qualifications, recruitments, rules and regulations etc.

MCA students along with faculties visited Coorge, Mysore, Hoganakkal as a part of their tour from September 4th to 7th 2013. Everybody participated with interest and made it a big success.

IT Fest

The national IT fest INIZIO 2013 was conducted by the students of MCA department on 27th and 28th of March 2013. The two day program consists of nine exciting and challenging events. The fest is being conducted for the past 6 years and participants come from different colleges of South India.

Result Analysis

The college maintains excellent result for MCA since 2003.

The result analysis of MCA for year 2012-13 is as follows:-

Semester	Year	Pass %	No: of students
III	2010-13	85	111
I	2011-14	85	109

Placement Activities of MCA

Major Recruiters for the MCA are Suyati Technologies, Coolminds Technologies, ThoughtWorks, Oracle, Webyog, TATA CMC, AllSec, Dimension, Calpine, Geojith, IBM, HP, UVJ Technologies, UST, Orionis Technologies etc.

Table 1: Placement Analysis till 2013

Year	Percentage of Placements
2003-2006	85
2004-2007	88
2005-2008	85
2006-2009	90
2007-2010	88
2008-2011	92
2009-2012	100
2010-2013	Still going (Expecting 100%)

Being a professional course MCA requires a blend of technical as well as personal skills. MCA department of SNGIST focus on developing the student’s skill set at par with the industry by providing add-on courses in up to date technical areas. The department also takes care of the soft skills of individual students and helps them to fit into the industry easily. The alumni association of MCA Department also plays a vital role in motivating their juniors by making them aware of the various trends and opportunities available.

ECE@SNGIST

The Electronics and Communication Engineering Department under the Engineering Department of SNGIST, has during the last four years grown into a dynamic and enterprising group working towards academic excellence and technical expertise.

The department has succeeded in building excellent infrastructure facilities including

- Electronic circuits lab,
- Advanced Communication lab,

- Digital Electronics lab,
- Systems lab,
- Analog Communication lab,
- Micro processor and Microcontroller lab etc.

The department now has four batches of students and is self sufficient with the required faculty strength as per the AICTE norms. At present 13 teachers, all M Tech degree holders form the driving force of the department. The department also has experienced instructors and assistants as per the AICTE norms. The department is headed by Prof. Rajan N., who has more than 12 years of teaching experience in various Engineering Colleges.

The student strength in each class is as follows:

Final year : 22

Third year : 48

Second year: 40

First year : 41

This year there is a marginal increase in the number of students admitted into the department.

The department organized various faculty and student development programmes, some of which are listed below:

- ❖ June / July 2012 - New faculties joined the department to fill the requirement for the third batch of students.
- ❖ August 2012 - Parents meeting for S3 students was held on 23.08.2012.
- ❖ A robotics Workshop was organized by Robosapiens, IIT Bombay from 14.9.2012 to 15.9.2012. Students from S5 bagged 1st and 3rd prizes in the robotics challenge.
- ❖ The Electronics and Communication association 'Etincelle' was inaugurated on 16.10.2012. The chief guest was Dr. T. K. Mani, Ex-principal, Model Engineering College and he delivered a talk on 'Career orientation in Electronics'.
An exhibition of various electronic gadgets was also organized.
- ❖ As a part of Electronics association activities, Anagha Rajan and Hari R. from S5 organized seminar on latest trends in electronics on 12.10.2012
- ❖ Faculty development program for EC staff was conducted by Mrs. Jayasree K. on 10.2.2013.
- ❖ National Seminar on signal processing "Sienen" was organized on 15th to 16th 2013. Chief guest was Dr. V. K. Jayasree, HOD, ECE, Model Engineering College.
- ❖ Parents meetings for S6 and S4 students were held on 15th and 16th 2013 respectively.
- ❖ Industrial visit for S4 students (2011-2015) was organized on 7.03.2013.
- ❖ Placement training for S7 students was organized from 25th June to 1st July 2013.
- ❖ Electronics association day was inaugurated by Dr. Kamalasanan, Engineer, BSNL. On 12.9.2013. The chief guest delivered a talk on 'Mobile NGN'. An exhibition of mini projects by 6th semester students was also organized along with the function.

The activities organized were effective and offered sufficient opportunities to students for skill development and knowledge building. As a result of these efforts faculties have also developed unique skills and have become competent to provide individual attention and motivation to students.

EEE@SNGIST

The department of Electrical and Electronics Engineering is the one of the five branches in the Engineering College. The department has five laboratories namely Electrical Machines Laboratory, Power Electronics Laboratory, Electrical measurements Laboratory, Electrical Cad Laboratory, Control and Simulation Laboratory. The Electrical Machines Laboratory consists of DC machines, AC machines and Transformers. The Power Electronics Laboratory consists of Power Electronic devices and kits. The Electrical

Measurement Laboratory, Electrical Cad Laboratory and Control and Simulation Laboratory consist of latest equipment.

The department has all the facilities as per the M.G University and AICTE norms. There are twelve teaching faculty and four technical staff in the department. Among the teaching faculty there are seven M.Tech Degree holders and one is pursuing Ph.D. Two Faculty members are pursuing Part time M.Tech Degree.

The Electrical and Electronics department is headed by Associate Professor Pramod.S, who has more than 10 years of teaching experience apart from 3 years of industrial experience in IT industry.

Department Activities

- EEE students association known as “AUCTORITAS” was inaugurated on 16th October 2012 By ER.S.Sreemanohar, Technical director of FOAX Control System, Associates of Allen Bradely of USA. He delivered the key note address on “Role of Electrical Engineers in IT Era”.
- Sree Reshmi G Nandan presented a technical paper in “Renewable Energy Certificate Mechanism in India” on 16th October 2012.
- Sukanya Sasidharan presented a technical paper on “Super capacitors an overview” on 16th October 2012.
- Binibabu presented a paper on “Perfomance improvement of carbon-aerogel super capacitors” at a national level conference held at Govt Engineering College Thrissur.
- One day workshop on 21st august 2013 on “Recent trends in Control and simulation “was conducted by Rakhi Gopinath and Bini Babu.
- A one month Knock–Out-Cricket tournament “Forza CUP” was organized by the EEE association on the month of August 2013 to sept 2013 The final was held on September 11 between s7 Mechanical and S5eee. The match was won by s7 mechanical.

The enrollment in the EEE department is steadily increasing and the details of the enrollment are given below.

S7-10 students, S5-39 Students, S3-28 Students, S1-34 Students

CSE@SNGIST

The CSE department has 3 laboratories namely Boole, Turing and Design Lab. There are 150 systems in the lab and all the required softwares including Java,C , C++ , SQL , Visual C++, PHP, MASAM, Net Beans, STAAD, SOLIDWORKS 2012, and AUTOCAD.

The department has all the facilities as per the M G University and AICTE norms. There are 11 teachers and all of them are M.Tech degree holders. The CSE department is headed by Mrs. Anju Raveendran who has more than 4 years of teaching experience and also having sufficient by industrial and administrative experience.

- CSE Association “VEGA ”was inaugurated on October 6th 2012 by Mr. Binoy Sundaran, Senior Software Architect, Tata Consultancy Service and a seminar on Current IT trends was organized during the day.
- As part of the inauguration, Vega conducted inter departmental quiz competition and C-Debugging competition.
- “Karma” – a magazine which is a collection of SNGIST Engineering faculties articles was released on the same day.
- A National seminar on “Signal Processing, SEINEN 2013”, was conducted by CSE, ECE and EEE departments of SNGIST on 15th and 16th Febraury.

- Faculties of CSE department, Reshmi. G Nair and Kavya Johny were participated five day FDP and Workshop on “Advaced Web Technology” at Cochin University on 8th to 12th April 2013.
- Faculties of CSE Department, Anju Raveendran, Revathy K B and Christy George Enchakkal participated two week AICTE sponsored FDP and Workshop on “Machine Learning” at SCMS from May 20th June 1st.
- A one day workshop on “Web Technology” was conducted as part of Department FDP by Reshmi. G. Nair and Kavya Johny on 22nd June 2013 .
- An orientation program was conducted for S3 students by Christy G Enchakkal , and Jyothimon on June 24th 2013.
- A half day seminar was conducted for the S5 and S7 students by LCC, Thrissur on the topic “Android and .Net” on 24th June 2013.
- As part of Vega, a half day seminar on “ Gearing Towards IT Industry” was conducted by Mr. Sarji R Mohammedali ,CEO , CITRUS Infotech on August 3rd 2013.
- An Industrial Visit was organized for S5 and S7 students to the Start Up Village on 14th August 2013, and a session on “Application Development In Android”was organized by Mr. Naveen Narayan, Academics Relation Head, Start Up Village.
- Faculties from CSE department Krishna C J and Swetha C B attended one day seminar on “Cyber Security” at CUSAT on August 17th 2013

The enrollment in the CSE department is steadily increasing and the details of enrollment is given below,

S7 – 8, S5 – 37, S3 – 48, S1 - 47

We hope that we will be able to achieve excellent results from the final year students.

CE@SNGIST

The department of Civil Engineering has 10 laboratories namely Surveying Lab, MT lab, Hydraulics lab (Mechanical dept.), Concrete technology lab, Transportation lab, Geotechnical lab, Computer Applications lab, CADD drawing lab, Computer programming lab (CSE dept.) and Environmental lab.

The department has all the facilities as per the M G University and AICTE norms. There are 12 teachers and 7 teachers among them are M.Tech degree holders and 2 are doing M.Tech. The Civil department is headed by Prof. T K Thakappan who has more than 10 years of teaching experience and 32 years of industrial experience.

- Civil Engineering Association “SAMNIVEZA” was inaugurated on October 15th 2012 by Dr. Abubakar, Head of Civil Engg. Dept., Jai Bharath Engineering College and he delivered a technical talk on ‘Modern Building Constructions’. “SAMNIVEZA” was started with the objective to promote educational activities towards the advancement of the theory and practice of Civil Engineering.
- ” SAMNIVEZA” conducted departmental debate competition on use of mobile phones on 12th Ocober 2012.
- ” SAMNIVEZA” activities, civil department conducted one day exhibition on Various Surveying instruments on 15th October 2012.
- Faculties of Civil department, Mrs. Shine Job and Mrs. Shiyana participated in a two day FDP and Workshop on “Staad software” at SNGCE on August 2012.
- An orientation program was conducted for S3 students by faculty members of Civil department on Sep 3rd 2013.
- An orientation program was conducted for S5 students by Prof. Jaigopal and was organized by faculty members of civil dept. Mrs. Shiyana and Miss. Felma on Sep 6th 2013.

- Industrial Visits were organized for S5 and S7 students to Edamalayar dam, Kothamangalam on 26th July and 2nd Sep 2013 respectively.
- The civil engineering Department has organized Industrial training for S7 students in reputed companies like L&T, Anna Builders, Cochin port and FACT during the semester vacation.

The details of enrollment of different semesters are as follows.

S7 – 41, S5 -56, S3 – 55, S1 - 62

We hope that we will be able to achieve excellent results from the final year students.

ME@SNGIST

Prof. Sri K Pramod is the head of the department of mechanical engineering department he has more than five years of teaching experience. There are five faculty members with M.Tech and eight with B.Tech. Majority of the B.Tech degree holders are pursuing M.Tech in reputed universities.

The number of intake in Mechanical engineering department is ever increasing and the details of enrollment are as follows.

S7 – 48 students, S5 – 69 students, S3 – 68 students, S1 – 63 students

Laboratories

Mechanical department has all the laboratories as per the AICTE norms and the details are as under.

- Measurement lab
- Mechanical system lab
- Fluid mechanics and hydraulic machines lab
- Heat engines lab
- Machine tools and advanced machine tools lab
- CAD lab

Mechanical Engineering Association

Mechanical engineering association named ARMETS (Association of Royal Mechanical Engineering Teachers and Students) is an initiative of students of mechanical department with the guidance of faculty members. The association was inaugurated on 16th October 2012 by Dr. V Sreekumar, AGM, Hindalco Ltd., Aluva.

The following activities were organized on the day of inauguration.

- Diesel engine display by KSRTC
- Robo display
- Project exhibitions by the students
- Machine components and tools exhibition
- Auto expo

- Bike stunt

Departmental Library

The Mechanical Engineering departmental library was inaugurated on 20th March 2013 by Prof. C K Renjan, Chairman, SNGIST. At present the library has 110 books comprising of technical books, journals and engineering magazines etc.

NSS@SNGIST

NSS Technical cell No.242 of SNGIST was approved by the state NSS cell. From the very inception this unit has been providing excellent social service to the community within the Panchayath and proximity. The NSS unit has been organizing several training programs for the benefit of common people thus fulfilling the social commitment of the institute. The NSS unit has won several State level awards. Major activities of the NSS technical unit of SNGIST are given below.

1. State level workshop of NSS volunteer secretaries was organized on 14th and 15th July 2012.
Proclamation Rally for the same was organized on 13th July 2012
2. A Cleanliness Drive programme was conducted on October 2nd 2012
3. Painting competition was conducted on August 13th 2012
4. Blood Detection Camp was conducted on September 25th 2012
5. Blood Donation Camp was conducted on October 9th 2012
6. Womens empowerment programme for ward 2 and 3 karumaloor panchayath was organized on November 3rd 2012
7. X'mas card design competition was organized on 31st December 2012
8. Anti-Ragging programme was organized on 22nd July 2013
9. Awareness programme on waste management was conducted on 2nd July 2013
10. NSS activities for the academic year 2013-14 were inaugurated on 3/7/2013.
11. A pipe composting program was organized on 8/7/2013.
12. Anti-Tobacco day was observed in 15/7/2013.
13. One rupee one day on 26/7/2013.
14. Survey at Chanayil Colony was conducted on 4/8/2013.
15. Blood Donation Camp by IMA on 24/8/2013
16. Independence day celebrations on 15/8/2013.
17. Orientation camp on 1/9/13.
18. Teacher's day celebrations on 5/9/13.
19. Literacy day on 9/9/13.
20. Eye Testing camp on 10/9/13 and 11/9/13.
21. Visit to old age home on 29/9/13.
22. Gandhi jayanthi Celebrations on 2/10/13.

The NSS unit provides opportunities for engineering students to experience through activities, understand the concern and need of the society. The first batch of engineering students of SNGIST is in the final year and we hope that they will achieve excellent results and get proper placements.