**COLLEGE OF ENGINEERING**Pathamuttom

Approved by AICTE and affiliated to Mahatma Gandhi University & APJ Abdul Kalam Kerala Technological University

Volume 6 • Annual News Letter • May 2016

# OUTCOME ALMANAG

#### ബി.ടെക് പഠനം

### പുസ്തകത്തേക്കാളുപരി പരിശീലനത്തിലൂടെ

അഭിമുഖം: കെടിയു വിന്നി ഡോകുടെയറിയ പ്രാഎസക്

റെഞ്ചി കൂര്യാക്കോസ്

സാ അതികാരുടുത്ത രം റ്റത്തു വിപ്പവാതക മാ റ്റത്തർ ലക്ഷ്യമിട്ടു തുടങ്ങിയ ഡോ. പ്ലെപിടങ്ങമെലിട്ടൂൽ കമാം സാരം തിക സർവകലോമായതുടെ (കേഴി യു) പ്രവർത്തനം ഒന്നവെർക്കം ചി

നിട്ടുകഴിഞ്ഞു ഇതുവരെ നടപ്പാ മതിയ പരിഷ്കാര അളേക്കുറിച്ചു. മു അളെക്കുറിച്ചു. വൈസ് ചാൻസ കർ ഡോകുരങ്ങ നിയ പി.ഐസക് സംസാരിക്കുന്നു



 എൻജിൻയറിങ് പാനത്തിൽവരു ത്തിയ മാറ്റങ്ങൾ എത്തെകോ?

പാര്യ പാര്യത്തെ വിഷയങ്ങളും പത് ക്കോ തിയത്കളും ഉൾപ്പെടുത്തി ആദ്യമായിത്തക്കാന്ത്ര്ക്ക് എന്നുമാ സിബിക്കിച്ച് ഒരുവർഷം എന്നുമാ സമൈലും പാരരുത കാര്യങ്ങൾ ക്കും വൃദ്ധസായ പരിശീലനത്തിനു മായി വരിക്കുമെന്നതാണു മാച്ചം.

വ്യവസായങ്ങൾക്ക് ആവശ്യമാ യ പാവൃപദ്ധതി നടപ്പാക്കാൻ സാ ധിപാ

സസ്റ്റേയ്ത്തിൽ എൻജിന്റ് യറിൽ, ഡിരൈൻ എൽജിനിയറി ൽ ലൈഫ് സ്കിൽസ്, ബിസിനസ് ഇക്കനോമിക്സ്, പ്രിൻസിപ്പിൾസ് ഓഫ് ഓനേജ്മൻ എന്നിയുടെ പു തിയ നിഷയങ്ങൾ ഉൾപ്പെടുത്തി. പു സ്തകത്തിലുടെ പാിക്കുന്നതിനെ ക്കാൾ കാരുങ്ങൾ ചെയ്തു പാിക്കു നത്താണു പ്രധോഗും.

എല്ലാ വിദ്യാർഥികള് പെലം കാ യിക സാംഗ്കാരിക പേക്കുളിലും എൽസിസി, എൻഎസ്എസ് ത്യട അീയായിലും പ്രവർത്തിച്ച് സാവം യിര്യ് എങ്കിലും നേടുകയും വേണം

 എൻജിനിയറിങ്ങിയോടെ വയും മുൻ പ് വിദ്യാർഥി അറിയോടെ കാര്യങ്ങൾ? മാതാപിതാക്കളുടെ നിർബന്ധം

കൊണ്ട് എൻമിനിനോക്കുത് താൽപരുവും സന്തമായി എന്തെ കിലും ചെയ്യാമാണ് ഉറപ്പും വേണം ഭാവിയിൽ എത്താകണമെന്ന ഥക്ഷ്യ ത്തോടെ ബ്രാക്ക് തിരഞ്ഞെടുക്ക നാം ചിലർക്കു സിവിൽ, മാക്കാസ് രാത് ഇലക്യമാൽ ഇലക്കുടാ നിക്സ് തുടങ്ങി കോടി സ്പോഗ് താൻപര്യം. കോർത്താങ്ങുകൾക്കു മുൻഗണനനൽകുന്നതാക്യം നല്ലത്. ഗവേഷണതൽപരർമറ്റു മേഖലകൾ തിരഞ്ഞടുക്കുന്നതിൽ തെറ്റില്ല.

 പഠിച്ചാൽ ജോമിയും കിട്ടുണ്ടം ? തൊഴിൽശേഷി വികസിപ്പിക്കാനാ ന്യെ ഗ്രനം ഇംഗ്ലീഷ് മികവ് കുട്ടാൻ ഭാഷാ ലാബ് ഉണ്ട് ടിസിഎസിന്റെ ക്യാംപസ് കരുട്ടൻ 'ഉപയോഗിക്കാ നും നിർദേശം നാർകിയിട്ടുണ്ട്.

 വ്യവസായ പരിശീലനത്തിലൂടെ തോഴിൽസാധ്യത വർഷിച്ചിട്ടുണ്ടോഴ് പ്യൻപ്യ നാല്യ വർഷിമാക്യസോഴേ വ്യവസായ പരിശീലനത്തിന് അയ ച്ചിരുന്നുള്ളൂ. എന്നാൽ ഇപ്പോൾ ആദ്യ മുന്നു വർഷവും മധ്യമവനല വധിക്കു വ്യവസായ പരിശീലനത്തി ന് അയയ്ക്കുന്നും തീരുമാതം

 ഓൺലേൻ പരീക്ഷയും മൂലു നിർണയവും വിവാദമായി; ഇന്ദി പരീ ക്ഷാ നടത്തില് എങ്ങനേ ?

യങ്ങുദിവസം കൊണ്ടു മൂല്യനിർ ബയം പൂർത്തിയാകുമെന്നതാണ് ഓൺലൈറി റീതിയുടെ മെച്ചം എതിർപ്പു മുലം തന്റെ നടന്നില്ല. സാ ധാരണ തിതിയിലാണ് ആദ്യ സെമ സ്റ്റർ പരിക്ഷ നടത്തിയത്. 10 ക്യാം പുകളിലായി മുല്യനിർണയത്തിനു 15 ദിവസക്കുത്തു. രണ്ടാം സെമ സ്റ്ററില് മുല്യനിർണയം വേശത്തി

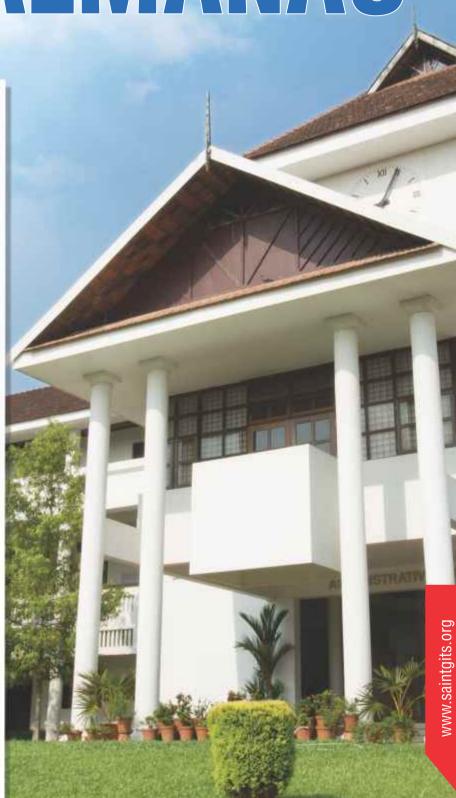
ടിത്തും വാരവ് വാരവ് പ്രധാതി ?

കോളമുകളിലെ വൻ വർക്ഷേ പ്ലേകമുടെയും കുറ്റൻ യന്ത്രങ്ങളുടെ യും സ്ഥാനത്ത് കൊച്ചുമുറികളിൽ ആധുനിക യന്തോപകരണങ്ങൾ അണിനിരത്തുന്ന സംവിധാനമാണു ഫാബ് ലാബ്. ആദ്യ ഘട്രമായി 20 കോളമുകളിൽ സ്ഥാപിയും വേശ ത്തിൽപ്രാക്ടിക്കൽ ചെയ്യാം സ്റ്റാർ ട്രപ് രംഗത്തും കുതിപ്പുതോകും

സ്റ്റൂഡന്റ് സ്റ്റാർട്ടപ് നയം ₹

131 കോളയുകളിൽ സമ്മംസംകട കമ്പ വികസന സെൽ തുടങ്ങിക്കറി തന്നു, ബാക്കികോളയുകളിലും ഉടൻ തുടങ്ങും ഇപ്പോൾ നമുക്ക് 160 ഇൽ പ്രെന്നോഡ് കമ്പനികളുണ്ട്.

 ഇപ്പോഴും സ്വന്തം ക്യാംപസില്ല ? നിർച്ചയായും സ്വന്തം ക്യാംപസും ഓന്നാകുറ്റ്യുകളുമായി മിക്യ കോ സുകൾ തുടങ്ങുകയാണു ലക്ഷ്യം പാക്ഷ. അതു നടക്കണമെങ്കിൽ



#### **GENERAL PROGRAMMES**



Approved by AICTE and affiliated to

Mahatma Gandhi University & APJ Abdul Kalam Kerala Technological University

Volume 6 • Annual News Letter • May 2016



National Board of Accreditation has accredited the following B.Tech programmes for a duration of two years.

- Computer Science and Engineering Electronics and Communication Engineering
- Mechanical Engineering







An International Conference on Emerging Trends in

Technology and Applied Sciences ICETTAS15 was

organized by Saintgits College of Engineering from 30<sup>th</sup> April to 2<sup>nd</sup> May 2015. Dr Lloyd B. Eldred, Senior

Scientist, NASA Langley Research Centre, USA, inaugurated ICETTAS 2015. Dr. Manoranjan Dash (Senior

Scientist, Institute for Infocomm Research, Singapore), Dr. N.E.Shanmugam, (Professor, Kebangsaan University Malasia), Dr. G.R. Dodagoudar (Professor, IIT Madras)

and Dr. Mini Shaji Thomas(Professor, Jamia Milia

Sri. T K Jose IAS, Chairman, Coconut Development Board inagurated Srishti 2016.

### Srishti 2016

Competition 'Srishti 2016' for engineering colleges was organised by SAINTGITS College of Engineering on 27th and 28th January 2016, in association with National Instruments India, Entrepreneurship Development Institute of India (EDII), Startup Mission, Saintgits Centre for Innovation and Entrepreneurship (SCIF)



Former ISRO Chairman Dr. G. Madhavan Nair presented the award to the winners during the valedictory function. The Best Innovation Award of Rs. 1 lakh was bagged by Kongu Engineering College, Erode, Tamil Nadu, for their Multipurpose Harvester. Students with more than 650 projects from leading institutions from over 15 states across the country, displayed their modern technical innovations at Srishti 2016.

### Islamia , New Delhi)jointly released Conference Proceedings. Students Rewarded by Startup Initiative

**ICETTAS 2015** 



Government of Kerala along with Startup village has selected Two teams from Saintgits among 21 teams from all over Kerala as a part of promoting Innovation and Entrepreneurship. Cheif Minister of Kerala presented the team members with Startup boxes.



#### **Students Project under** SMART Kottayam rewarded

Students of Saintgits College of Engineering proposed novel idea in Student Movement for Activating Regional Transformation(SMART) Project imitated by District Collectorate in association Confederation of Indian Industry (CII). The Project titled 'Safety Ensured Efficient Zebra Lines' developed by Sachin Paloothanam and Princy Elsa Philip selected for implementation in Ettumanoor Juncton.

### **Graduation Day**

The Tenth Graduation day of SAINTGITS Group of Professional Institutions was celebrated to honour the outgoing students of Tenth batch of B. Tech, Ninth batch of MCA, Eighth batch of MBA and Ninth batch of B. Com on 12th June 2015. This august function was inaugurated by Prof. Yoshiharu Mutoh, Executive Director & Vice-President, Nagaoka University of Technology, Japan



#### GENERAL PROGRAMMES



#### Saint Gregorios Commemorative Lecture

Most Rev. Dr. Philipose Mar Chrysostom inaugurated Saint Gregorios Commemorative Lectures on value education on 29th October 2015. Rev. Fr. Dr. T J Joshua delivered the first lecture of the series.





# National Virtual Lab usage award

Saintgits College of Enginnering secured Second Rank in Virtual Lab usage, during National Nodal Centre Conference (NNCC 2016) on 6th May 2016. Virtual Lab is a project initiated by the MHRD, Govt. of India, under the National Mission on Education through Information and Communication Technology



#### **PTA General Body**

The 12th Annual General Body Meeting of SAINTGITS Parent Teacher Association was held on 7th June 2014. P. T. A President Mr. Shibu Oommen P presided over the function. Rev. Dr. T J Thomas, renowned Psychologist and Councilor delivered the key note address.



#### Visit by Australian Minister

Ms. Joy Burc, Minister for Education & Training, Government of Australian, Saintgits campus. Ms.Leanne Cover, CEO Canberra Institute of Technology, Ms Jayne Miller, Mr Marc Emesrson and Dr. Nawaz of Canberra Institute of Technology also spoke on the occasion.



Saintgits College of Engineering selected as Best College (Partner) Quality Enhancement in Engineering Education (QEEE-5) under Ministry of Human Resources and Development (MHRD), Government of India.



### Computer Centre for Govt L P School

Saintgits College of Enginnering installed Computer Centre at Govt LP School Pathamattom. Sri. Thiruvanchoor Radhakrishnan, Minister for Revenue & Transport, inaugurated the centre during the Golden Jubilee celebrations of the school on 19th March 2016.



#### 'TECHFEST 2015'

SAINTGITS All-college Technical Festival, 'TECHFEST 2015' was inaugurated by Retired Commander Vinod Shankar, Air Space General Manager of Brahmos on 31st July 2015. More than 70 technical competitions like Technical Quiz, Paper Presentation, Project Presentation, Robo War, Engine Assembly, Race Track, Tech Hunt, Town Planning, Suspension Bridge, Gadget Design, Best Manager, Web Designing, Coding, Movie Making etc served as platforms to exhibit their quality and excellence. More than 2000 students, contested from the different Engineering Colleges, both inside and outside Kerala

# Inauguration of Innovation Lab

Dr. Kuncheria P Isaac, Vice Chancellor, APJ Abdul Kalam Kerala Technological University, inaugurated the Innovation Lab initiated by Saintgits Centre for Innovation & Entrepreneurship (SCIE) on 11th September 2015.







The students from 23 schools have participated in Robotics Championship on Jan 27th and 28th. The winners of SAINTGITS ROBOTICS CHAMPIONSHIP 2016 were Mar Baselios Public School, Kottayam, Kristjyothi H S S, Chethipuzha and BMM English Medium Senior Secondary School, Pampady

# MASTER OF COMPUTER APPLICATIONS (MCA)



A project competition for MCA, BCA and B.Sc Computer Science students was conducted by the department on 27/11/2015. Prizes were given in the PG and UG category.

#### RADIEUX 7.0

Inter Collegiate IT Fest RADIEUX 7.0, a National Level Inter Collegiate Technical Extravaganza was organized by MCA @ SAINTGITS on 31st June & 1st July,2015. The theme of RADIEUX 7.0 was 'Robotics'. The fest was a grand success with more than 200 participants from various colleges throughout the state.

#### Add on Course

- EMBEDDED SYSTEMS' for S1 (2015-2018) students from 29-02-2016 to 09-03-2016. The sessions were handled by faculty from Silicon Technologies, Kochi.
- 'DOT NET' for S3 (2014-2017) students from 14.12.2015 to 18.12.2015. The sessions were handled by Mr. Abin T Abraham and Ms. Sandhya S Pillai, Asst. Professors of Dept. of Computer Applications
- 'ADVANCED JAVA' for S4 (2013-2016) students from 26.10.2015 to 03.11.2015. The sessions were handled by experts from Faith Infosys, Chaganacherry

#### **FDP**

Department of Computer Applications organized a workshop on 11th February, 2016 for faculty members on iOS Developer university program, OSX security and productivity apps. The FDP was taken by Mr. Deenu Mathew, Regional Business Manager, Apple India Private Limited, Bangalore.

An HTML workshop was conducted on 4th July, 2015 for S4 (2013-2016) batch. The sessions were handled by Mr. Abin T Abraham, Asst. Professor, Dept. of Computer Applications.

#### **Orientation Programs**

A get together and orientation program for S1 MCA (2015-2018) students was arranged on 11.08.2015 & 12.08.2015 at MOC Retreat centre, Rubber Board, Kottayam.

Two-day Orientation Program was organized for the first year Lateral students of 2015- 2017 batch on 17.08.2015 & 18.08.2015. It was conducted at MOC Retreat centre, Rubber Board, Kottayam

#### **Industry-Academia**

An interactive session by Mr. A. Balakrishnan, Managing Director, Geojith Technologies with faculty members of the department was arranged on 26-02-2016.

#### **Invited Talk**

A talk for S3 MCA and S3LMCA was conducted on 03.03.16 by Mr.Hari S, Senior member(E & R), Infosys, Thiruvanathapuram

#### **Industrial Visit**

One day Industrial visit to UST Global, Infopark , Cochin arranged for S3 Lateral MCA students(2015- 2017) on 17.03.2016

#### **SMART Activities**



- Inauguration Activities of SMART (Saintgits MCA Association of Radiant Talents) for the academic year 2015-2016 was inaugurated on 17th June, 2015 by Dr. M C Philipose, Principal, Saintgits College Of Engineering.
- A Tech Debate was conducted on 26th July, 2015 for the students of MCA.
- Cultural programs were conducted by the music & dance club on 2nd July,2015.(Fig. 4)
   A seminar on " Free and open source software" was
- A seminar on "Free and open source software" was conducted on Wednesday, 17th June 2015 by Mr. Shajan Joseph, Associate Professor, Dept. of Computer Applications.



#### **Onam Celebration**

Onam celebration was organized by the department on 21/08/2015. Different competitions like Kerala Sreeman, Malayali Manka, Onapattu and Thiruvathira were arranged for students.



Music Club

#### **SAMYUKHTA**



A get together of all batches of MCA students was organized on 04/09/2015. Students performed different cultural activities and had a grand lunch.

#### **Alumni interaction**

- Mr. Manu Bright of MCA 2004 2007 interacted with S5 MCA students on 04.03.2016. He shared his experiences in software companies. He is currently working as an IT consultant.
- Ms. Sruthy Abraham of MCA 2012 -2015 interacted with S5 on 16.01.16 and she described the training procedures at UST, Trivandrum. She motivated the students to learn beyond the syllabus.
- Alumni interaction was arranged on 30.06.2015 for S2 andS4 MCA students. Our Alumni of 2010-2013, Ms. Aleena Joseph, interacted with the MCA students. During her interaction, she spoke about the significance of the MCA Course, importance of Lab and how to prepare for university examinations. She gave tips on how to get good placements.

# Student interaction with outside world

As part of knowledge sharing, five students from S3 (2014- 2017) conducted a session on 'ASP.Net' on 25th February, 2016 at Bishop Speechly College.

# Inter batch seminar

Mr. Stanley Thomas of S1(2015- 2018) handled a session on 'Windows 10 and latest Microsoft Products' for S3 Lateral MCA (2015- 2017).

Mr. Aravind G, Mr. Manu Krishnan, Ms. Steffy Stacey Tomy and Ms. Agsa Ann of S3

#### **Student Achievements**

Mr. Deepak Nair of 2015-2018 got A grade for western vocal solo in MG University Youth Festival 2016.
Students of S5 and S3 won overall trophy from IT fest conducted by Kristu Jyothi College, Changanacherry and MACFAST, Thiruvalla.

#### **Staff Achievements**



**Biku Abraham**, Professor & Head, Dept. of Computer Applications was awarded Ph.D from Anna University, Chennai



Rajesh K.S, Associate Professor, Dept. of Computer Applications was awarded Ph.D from Dravidian University, Kuppam, Andhra Pradesh.

# DEPARTMENT OF APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING



Best Technical Stall Award in SRISHTI 2016

Department of Applied Electronics and Instrumentation scored BEST TECHNICAL STALL

AWARD for the consecutive second time in

SRISHTI 2016, National level technical symposium conducting in every year by Saintgits

College of Engineering.

# Department holds Best LabVIEW academy award

Dr. M. C. Philipose, Principal of Saintgits College of Engineering and Dr. P S Godwin Wnand, HOD AEI receiving the best LabVIEW Academy award from Mr. Jayaram Pallai, Managing Director, National Instruments(India, Russia, Arabia) at NI Days-2015 held at Bangalore

# SRISHER CONTRACTOR OF THE PARTY OF THE PARTY

#### SFERICS 2015



The Applied Electronics and Instrumentation Engineering Department of SAINTGITS College of Engineering in association with INTERIA (AE&I students association) and International Society of Automation (ISA) conducted its Seventh National Level Technical Symposium SFERICS 2015 on 31st July 2015 and 1st August 2015. The function was inaugurated by Commander(Rtd) VinodSankar, General Manager, BrahMos Aerospace, Thiruvananthapuram. The SFERICS 2015 had six events namely Robowar, Star of Sferics, Paper Presentation, Gadget Designing, Tech Hunt and Tech Quiz. The total number of participants were 430, The staff co-ordinator of SFERICS was Asst. Prof. SitaRadhakrishnan and student co-ordinators were Mr. Haven George, Miss. Keerthy John and Mr. Salu Alex.

### Students Projects Achivements

SI.	Name of Students	Project Title	Prize	Host	Event
No.	Mairie of Students	Project fille	PIIZE	позі	Eveni
1	Arun H Prasad, Salu Alex, Akhil George Philip, Akhil S Illimoottil	Multipurpose Thermo Elctric Air Conditioner	1	College Of Engineering Kidangoor	LUMIERE 16, (PROJECT EXPO)
			1	Adishankara Institute of Engineering & Tech., Kalady	BRHMA 16, (PROJECT EXPO)
			1	MBCE Trivandrum	CROSSROADS 2016 (BIG IDEA)
			2	Holy Kings College of Engineering & Tech.	AAVISHKAR- 16, (PROJECT EXPO)
2	Shobin Padinjarethi, Jerry Varughese George,Hafis H, Dhanya Rajasekhar Nambiar	Sparc (System Protection And Reclosure Circuit)	1	Holy Kings College of Engineering & Tech.	AAVISHKAR - 16 (PROJECT EXPO)
			2	MBCE Trivandrum	CROSSROADS 16 (BIG IDEA)
3	Appu Raviendren Joenath T N, Justin Joseph, nikhil Thom	Automated Wase Segragation nas	3	RIT, Kottayam	RIT EXPO 16
			2	College of Engineering Kidangoor	LUMIERE 16 (PROJECT EXPO)
4	Feby B Carghese	Total Road Safety Module	2	College of Engineering, Adoor	AAROH 16

- Sachin Paloothanam of sixth semester reached FINAL Round of SMART KOTTAYAM Project Competetion conducted by Collectorate of Kottayam
- Jincy Mary George of sixth semester won First Prize in Analog Circuit Maker Contest held by Texas Instruments
- Aleena Reji of sixth semester won First Prize in Best Electronics Engineer Contest of FOTiOS-2K16 held by Caarmal Engineering College, Pathanamthitta.
- Maria Grace Augustine of First semester won First Prize in MY BIG IDEA Competition-Edition 4 conducted by SCIE of SAINTGITS College of Engineering College.
- Eldos Kurien Varkey, Jubin Jacob and Roney J Varughese of First semester won First Prize in ROBOWAR Competition of YVIDH 2016 held at St. Thomas College Of Engineering & Technology, Chengannur.

#### **Faculty Achievements**

- Ms. Starlet Ben Alex got PhD under APJ Abdul Kalam Kerala Technological University
- Ms. Kavya V R got PhD in National Institute of Technology, Calicut.

#### **Student Achievements**

- Tom Joe of seventh semester got qualified in GATE 2016
- Shilpa Abraham Varughese of seventh semester got qualified in MAT 2016





Ronald Joseph of sixth semester was a member of college Theme Show Team that won First Prize in SWASTIKA 16 of MBC Peerumedu, Second Prize in YAGNA DHRUVA 16 of LBS Trivandrum, Second Prize in RAGAM 16 of NIT Calicut, Third Prize in LUMIERE 16 of College of Engg Kidangoor and Third Prize in FOTIOS2K16 of Carmel Engg College Pathanamthitta.

# DEPARTMENT OF CIVIL ENGINEERING

#### ETERNIA 2015

A National level technical fest of Department of Civil Engineering ETERNIA 2015 organised by ACES(Association of Civil Engineering Students) was conducted on 31st July and 1st August, 2015.. 11 Events were conducted



#### Add on Course

- 'MS Office' for S3 students from 6/07/2015 to 10/7/2015. The sessions were handled by Pavan Kumar C,Nirmal John Joy,Nimiya Rose Joshuva,Pinky Merin Philip, Asst. Professors of Dept. of Civil Engineering.
- On 'Autocad 3D and 3D Max' for S5 students from 6/07/2015 to 10/7/2015. The sessions were handled by Vivek Philip,
- Sanju Mary Sobichen, Bennet A Ipe, Asst. Professors of Dept. of Civil Engineering.
- 'Business Plan Development 'was conducted for S7 (2012-2016) students from 6/07/2015 to 10/7/2015. The sessions were handled by Ajesh K Kottupillil,Gopika Moorthy,Lakshmi.P,Sinan Nizar, Asst. Professors of Dept. of Civil Engineering.

#### **Staff Achievements**

Nirmal John Joy, Assistant Professor, was awarded AISAT-IGS Award for one of the best five Geotechnical engineering Thesis works.

# WORKSHOP ON "BUILD YOUR BRIDGE IN JUST TWO DAYS"





Department has conducted a workshop on "Build your Bridge in just 2 days", as part of India's Biggest Civil Championship, 2016 (IBCC, 2016) in association with ARK Techno solutions , IIT Madras and ACES on September 19th and 20th, 2015. 2 groups were selected for participating in the grand finale of IBCC 2016 at IIT Madras.

#### FDP

Department in association with IIT Bombay organized a twoweek ISTE STTP on "Environmental Studies" under the National Mission on Education through ICT (MHRD, Government of India) from 2nd June to 12th June 2015

#### **Professional Bodies**

### Institution of Engineers (IE) Student chapter of Civil Engineering

- A guiz competition was conducted on 14th March 2016
- A paper presentation contest as part of the World Water Day celebration on 22nd March 2016.
- A technical talk on the topic 'Environmental Impact Assessment' (EIA) for CE students (S8 & S6) on 22nd April 2016.
- A mix design competition for on 29th of May 2016.

#### Indian Concrete Institute (ICI) student chapter

 Indian Concrete Institute, Kochi Centre had conducted the 3rd Intercollegiate Quiz competition Crescere'15 for student members at Saintgits on 1st October 2015.

#### ISTE

 A seminar on the various softwares used in civil engineering which was presented by CADD Centre on 8th December 2015.

#### **Invited Talks**

Technical talk was arranged on 24th July 2015 by Er. Raghu Kumar.C (Asst Professor, Government Engineering College Wayyanad) on "Civil engineering-Philosophy, Theory and Practice"



#### Student Achievements

- Sneha Rachel Cherian, Rohita Rachel Eapen, Swathy S and Namitha Sosa Jacob are placed in Infosys.
- Smruthi Raj, Vishnu Vijayappan and Bharath Varma qualified in GATE 2016
- Arun Issac Varghese got A grade fort Monoact in M.G University Youth Festival "SAPARYA 2016"
- Appu Kurian Thomas, Francis P Mathew, Vishnu Vijayappan Secured First prize in Survey Hunt at CET, March 2016.
- Megha Alex, Asha Mariam Thomas, Neena Susanna Thomas Secured First prize in Artifex at RIT, March 2016
- Soumya Rose Shaji, Aswathy C M, Francis P Mathew and Vishnu Vijayappan secured best Civil Engineering Award in Srishti 2016.



Mix Design competition



Paper presentation competition



Technical Talk



Prize distribution to the winners



Seminar presented by Cadd Centre

# DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### **Jyothirgamaya**

**CSE Program** 

Jyothirgamaya – Enlightening IT, a Social initiative program was conducted by 2012-2016 Batch of CSE under the guidance and support of Dr.Ramani Bai V, Er. Justin Mathew, Er.Tibin Thomas, Er.Vipin Das, Er.Tina Susan Thomas for the students of Govt.L.P. School, Pathamuttom.





The ACM Student Chapter was launched in this academic year 2015-2016. In association with ACM, two days workshop was conducted on "Cloud Computing" by Mr. Manish Kumar (Neuromancers), IIT Bhubaneswar in association with IFC3 India on 4th and 5th December 2015.

A software (Academic Management System) developed by Er.Tibin Thomas has been deployed in the year 2015-2016 for all departments in the institution, academic administrations such as attendance recording & reporting, marks recording and reporting, consolidated reports and logins to parents and students are provided.

CSI student chapter has organised a two days workshop on "Cyber Security" by Mr Krishna Sharma of Cyberx Securities on October 26th and 27th of 2015 for S3, S5 and S7

The annual techno cultural fest of Computer Science Department ASCEND 2015 was inaugurated by Mr. Santhosh Kurup, CEO, ICT Academy of Kerala on 31st July 2015 and delivered a talk on "Digital India".

A two days workshop on "Introduction to interactive programming in Python" by Er,Reni K Cherian, Er. Veena A Kumar, Er. Milash M Fuvad to students and faculty members on 9th,10th July 2015 in association with CSI.

A webinar on Engineered-in-India by Mr. Gopikrishnan(ICT Academy) for S6 and S4 CSE students on 10th February 2016.

#### Big Data Analytics-Industry & Research



A two days workshop on "Big Data Analytics- Industry & Research" by Dr Syed Ibhrahim (Head of Data Analytics Research Group) VIT Chennai Campus on 18th , 19th March 2016 was conducted in association with ACM.



The two weeks workshop on "Mobile Apps using Android" was conducted for S6 CSE students in association with

#### **Programs**



A technical talk was delivered by Mr.Ganesh lyer(Manager, IBS Trivandrum) on Career Guidance for S6 CSE students on 20th February 2016 in association with ISTE.

#### **Staff Achievements**



Anju Pratap, Associate Professor was awarded Ph.D from Anna Unniversity, Chennai in July 2015.

Two Batches of S8 CSE - Team Zemafor (Sandra Susan Shaji, Teddy Zachariah, Nakendra Kumar, Midhun R Kurup and Ananthu B) and Team Startraise(Melvin K Mathew, Sherin Antony, Geethu Mathew, Miriam Thomas and Suja Cherian) were shortlisted for the Fintech Box Program conducted by Startup Village in association with KSUM and they successfully completed a six months Online Entrepreneurship Programme for first- time founders by SV.CO.

- A talk was delivered by Er. Elizabeth Shaji Philip (2011-2015 batch) on Career Orientation to students of Computer Science Department in 20th February 2016.
  - Under QEEE program, 4 courses were offered to students- Object Oriented Design using UML, Syntax Directed Translation- Compiler Design, Information Security and Cryptography, and Statistics and Probability Distribution Engineering Mathematics.
- A webinar on "Security issues in Cloud Computing" by Subrahmanya Rao of CTS on 29th January 2016
- A webinar on "Data Visualization Techniques" by Saravanakumar of CTS on 29th January 2016

#### **Student Achievements**



- Justin Babu and Thomas Paul of S8 CSE developed an App named My Big Idea which was launched by KTU Vice Chancellor.
- Tobin P C, Varghese Chacko, Sruthimol T A and Nisha Mariam Jacob of S8 CSE won First Prize in "Project Expo" held in connection with "AAVUISHKAR 16", a National level Technical fest, conducted at Holy Kings College of Engineering and Technology.
- Ashish Anil Abraham, Divya Siby, Melvin K Mathew and Vishnu Sankar from S8 CSE got qualified in the GATE 2016 Examination.
- Wineeta P Babu, Nitu Elsa John, Reshma Mohandas, Tony M S of S6 CSE participated in ROBO-ZEST '16 held at IIT Kharagpur in March 2016.
- Jerin Joseph, Joe Abraham, Vishnu Viswanathan of S6 CSE has won First prize in "HACKATHON- Start-o-Sphere" held at IIM, Kozhikode in September 2015.

# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



Tibin Tom Varghese, Arjun Prasad and Taniya Varghese of S8 EEE (2012-2016 batch) won the Best Technology for Rural development Award in SHRISTI 2016 (Rs.12,000/-) for their project titled "Palm Tree Harvestor" guided by Er. Emil Ninan Skariah



Technical talk was conducted for EEE students on "Starts Up and qualities for a successful Entrepreneur" by Mr. Joseph T.C., Xrevol Technologies on 29/9/15.





A Social Awareness Programme by first year EEE students on "Energy Conservation" was conducted in Panichikkad Panchayat A Technical talk by icad (Authorized trainers in AUTO CAD) on "Introduction to Auto CAD Electrical and Autodesk Certification" was organized on 15.10.2015

An external Talk for M.tech students on "Particle Swarm Optimization" by Dr. Sasidaran Sreedharan, HOD, Electrical and Electronics Engineering Department, GEC,Thrissur on 21/11/15

As a part of "National Energy Conservation day" in association with KSEBEA, IE(I), IEEE-IAS SB chapter, MoU signed between Department of EEE and KSEBEA which is meant for technical as well as social collaboration on 14/12/15

Er.A.Saifuddin (Former Dy.Chief Engineer & Principal of PETARC,KSEB) delivered a talk on "Conservation- the way of life for future".

Department level paper presentation competition on the topic "Re-Engineering Challenges and Solutions" was held under the banner of IE(I) students' chapter on 15/3/16

An EXTERNAL TALK on "How to become an Entrepreneur" was delivered by Mr. Fabin Jose, Managing partner and creative head Mutant Carrot Branding and Promotions", Cochin under the banner of IE(I) students' chapter on 15/3/16

"LAUREATE 2016"-Merit Day of EEE was celebrated. To congratulate meritorious students.



Add on course for S5EEE-The topic based on SCADA and PLC .The classes was handled by Yokogawa, Bangalore. Add on course for S3EEE- The topic was "Electronic Circuit Design". The classes was handled by Dr.K.P.Zacharia, Er.Vinu Koshy Abraham and Er.Abraham George.





# Department alumni meet was conducted

A Technical Talk was delivered by Mr.Binosh K Philip Assistant • Manager, Energy Products Division, Raychem RPG(P)Ltd, Kerala Region on 17/9/15.The topic was "Challenges faced by Indian Utilities and recent trends in Electrical Industry."

#### STAFF ACHIEVEMENTS

- Er.Fossy Mary Chacko got Phd admission at RIT.Pampady.
- Er.Abraham George presented a paper titled "Gate All Around Nanowire TFET with High ON/OFF Current ratio" in ICEMS 2016, an International conference organized by Jaipur National University from 17th to 19th March 2016.



- Ajin George Reji, Alwin Tom, Aswin D, Nirmal V Daniel, Gison C Andrews and Nidhin Madhusudanan of S6 EE (2013-17) has obtained First Prize in the Robotic championship (ROBO-ZEST'16) conducted by RoboSpecies Technologies Private Limited at IIT Kharagpur.
- Alwin Tom and Vineet.S of S6 EEE (2013-2017 Batch) won First Prize in College level Quiz Competition conducted Student Branch Chapter of Institution of Engineer's India (IE(I)) as part of Engineer's Day Quiz Competition on 18/9/2015 at Saintgits College of Engineering.
- Ms.Pooja Maria James of S4 M.Tech (2013-15 Batch) got "BEST PAPER AWARD" for the paper titled "Comparative Study of an Efficient Cascaded Inverter with Different Loads" on the 3rd International Conference on Advanced Computing and Communication Systems (ICACCS 2016) held during 22-23 January 2016.
- Chriss John and Denil Roy Joshua of S6 EEE (2013-2017 Batch) secured First Prize in District Level Seminar Competition organized by KSEB ENGINEER'S ASSOCIATION at Saintgits College Of Engineering on 21/1/2016.
- Sherin Tom, Ansu Thomas and Ganesh M of 2011-2015 M.tech Power Systems secured first, second and third rank respectively from the M.G university.

#### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**



The project titled "Digital Vehicle Identification" won the Best Electronics Project award in the inter-collegiate project competition - SRISHTI 2016 held at SAINTGITS College of Engineering The project was implemented by Chris Rachel Shaji, Emy Susan Rajan, Jibin .K John, Mobin Daniel and is quided by Er. Rekha Subash.



#### The third conference on Solid State

Circuits was organized on the 13th and 14th of August 2015 by the SAINTGITS IEEE SSCS students' chapter. The Conference was inaugurated by Dr. M. Jagadesh Kumar, NXP (Philips) Chair Professor, IIT Delhi. Following the inauguration, the distinguished guest gave a talk on the topic, 'Nano-scale transistors for energy efficient ICs'

#### Merit Day 16



Department of Electronics and Communication Engineering celebrated the Merit Day of 2015-2016 academic year on 21-04-2016. Mr. Thomas T. John, Director, SAINGITS College of Engineering was the president of the function. Students of various classes were appreciated for their excellence in various curricular and co-curricular activities with prizes and

A technical Talk on 'Biometrics' was arranged on 17/3/16 for all students of ECE. The session was handled by Dr. Anzar S M, Assoc Prof, MES college of Engg, Kuttippuram.



- technical Talk on 'Application of Image Processing' was arranged on 12/8/15 for S5 ECE students. The session was handled by Dr. Deepa J, Assoc Prof, MES college of engg IHRD, Chenganur.
- A technical Talk on 'Introduction to mobile communication' was arranged on 24/7/15 for S7 ECE students. The session was handled by Er. Sudheesh A N, BSNL Kottayam.

# **HORIZON**

The technical fest of the Electronics and Communication Department in association with ASGEC (Association of SAINTGITS Electronics and Communication students) was held on 31st July and 1st August. The activities of ASGEC for the year 2015-2016 was inaugurated on 31/08/2015. followed by the technical fest HORIZON 2K15.



#### Staff Achievements



Asso. Prof. Pradeep C received his Ph.D in Information and Communication Engineering (VLSI) from Anna University, Chennai



Asso. Prof. Binu K Mathew received his Ph.D in Information and Communication Engineering (VLSI) from Anna University, Chennai

#### **Soldering Competition**

The Electronics and Communication Engineering Division of IE(I) chapter conducted a soldering competition on 06th April 2016





## IE(I) Students Chapter Paper Presentation Competition

The Electronics and Communication Engineering Division conducted a paper presentation competition on 08th April 2016. The judges were Dr. K P Zachariah and Dr. Binu K Mathew of ECE department.



#### QUIZ Competition

An Intra college quiz competition was conducted by ISF - SAINTGITS in association with Department of ECE on 12th and 13th August 2015

#### **Tutorial Session on** "Introduction to Arduino"

The IETE Students Forum in association with Association of Electronics & Communication engineering (ASGEC) organized a tutorial session on "Introduction to Arduno" to S3 ECE students on 30th September 2015.



# DEPARTMENT OF MECHANICAL ENGINEERING

### **BAJA 2016**

25 students from Mechanical Engineering department had designed and fabricated an all terrain vehicle (ATV) and participated final round of a national level race at Pithampur, M.P.on 16th to 23rd February 2016. Team name is "STRIDERZ". Faculty advisors are Er. Francis Augustin Joseph and Er. Bibin Varkey.



### **Faculty Achievements**

- Dr. Sreejith C C was the Invited Speaker and Session Chair for the 2nd Annual Conference (GECIAN 2015) at Govt. Engineering College, Idukki - August 2015
- Dr. M. D. Mathew was the invited speaker at International Conference on Advanced Materials and Manufacturing Processes for Strategic Sectors (ICAMPS-2015), Trivandrum and International Conference on Materials, Processing, Applications, Research and Technology, FIMPART 2015, Hyderabad.
- Dr. Jason Cherian Issac was the invited speaker for the Mechanical Engineering Association Symposium at Ilahia College of Engineering and Technology, Muvattupuzha, October 2015.
- 4. Er. Muruganantham P was the Evaluator for NBA Tier II Mock Evaluation for the B-Tech programmes of LBS Institute of Technology for Women, Thiruvananthapuram
- Dr. Sreejith C C and Er. G Anilkumar was the Resource Person for expert faculty sessions at Govt. Engineering College, Idukki, under TEQIP Phase II during October-November 2015.
- Er. Anilkumar G presented a paper titled "Multi Shaker Modal Testing of Large Inflatable Structures" in the 69th Annual Technical Meeting of The Indian Institute of Metals held at Coimbatore during November 2015.
- Er. Vinay Mathew John attended 35th GITEX Technology Week at Dubai World Trade Centre during 18-22 October 2015.
- Dr. Sreejith C C was selected as the ISTE Kerala Section managing committee member for three year term (2015-2018).
- Dr. M D Mathew chaired sessions in the 69th Annual Technical Meeting of The Indian Institute of Metals held at Coimbatore, November 2015.
- 10. Er. Cherian Paul submitted Doctoral Degree Thesis (Amrita University)

#### **MECHNIUS '15**

ME department had organized the National Level Intercollegiate Department Technical Fest on 31st July & 1st August, 2015.

Events conducted are Paper presentation, Brain storm (Quiz), Battle of bots (mini robots stability competition), Junkyard wars (assembly of catapult to destroy a target), Ultimate Royal (technical and managing capability testing), Mecha Trail (time bound events), The machinist (fastest assembly of parts), Lathe master (lathe production process), Auto show (modified, vintage and new generation automobile competition), Hot wheels (racing of RC cars).

#### **MERIT DAY '16**

Held on 13th April '16 for departmental annual prize distribution & recognizing meritorious students.

#### **Professional Society activities**

Society of Automotive Engineers (SAE) had conducted Tier 1 Competitions, Paper Presentation, Auto-Quiz, Aero Modeling. Institution of Engineers (India) (IEI) students Chapter was inaugurated on 30th July 2015.

#### Technical talk

Conducted Technical talk for the Students On "Industrial Scenario in Automobile Engineering" Under The Banner Of SAE On 25th January 2016 by Mr.Sivakumar K, Senior Engineer, Mahindra & Mahindra, Chennai.

# Innovations for the immediate Society

The innovative paddy Harvestor designed and pototyped by the ME students was successfully tested by Sri.T K Jose, Chairman of Coconut Development Board of India.



PADDY HARVESTOR

- 11. Er. Aju Zachariah Mani got selected for full time PhD programme at NIT Calicut.
- Er. Arun K Varghese Published a text book on Design and Engineering based on KTU syllabus.
- Er. Francis Augustine Joseph won the best supportive faculty advisor award from SAE Southern section for 2015-2016.
- Dr. Jason Cherian Issac presented a paper on "Low strain rate sensitivity of off axis specimens of a unidirectional glass epoxy composite" in the Kerala Technological Congress-January 2016.
- 15. Er. Vinay Mathew John was the Quiz Master for 1) All Kerala Quiz SMART MINDZ 2015 organized by TRAMA in Girideepam Institute of Advanced Learning 2) Enter the Dragon All Kerala Business Quiz 2015 conducted by SIM 3) SAINTGITS Technology Day Quiz 2016 4) SAINTGITS Engineers Day Quiz 2015.
- 16. Er. Cherian Paul published paper titled "Effect of Ni addition on hardness, wear rate and coefficient of friction of surface modified functionally graded Cu-Sn bronze alloy" in International Journal of Materials Engineering Innovation by Inderscience.
- 17. Er. Nandu S and Er. Geo Sebastian coordinated of FDP "Multiphase flow Theory and Applications", 16-18 December 2015, SAINTGITS College of Engineering.
- Er. Manoj Balakrishnan presented a paper titled "Determination of Effects of Prestretch/Pressurization on Highly Flexible Polyurethane Pipes" at IIM NMD ATM 2015, Coimbatore - November 2015.
- Fr. Tobin Thomas presented a paper-"Characterisation of EPDM compatibilized PP/HDPE/xGnP Hybrid Composites for Automotive Applications", World Congress on Microscopy: Instrumentation, Techniques and Applications in Life Sciences and Material Sciences, 11th October 2015, Organised by IUMSE, Mahatma Gandhi University.
- Er. Bibin Varkey organized QuadCopter Workshop on 24th and 25th July 2015 as part of Robofeast program.

#### **Awards and Achievements of Students:**

- Noel Joseph won the National Level Best Student Entrepreneur Award at NSS College of Engineering, Palakkad, Kerala
- 2. Four innovative UG projects (Paddy Harvester, Merosh, Teon, SCIEMOS) received internal funding from SAINTGITS Center for Innovation & Entrepreneurship (SCIE)
- Received external funding from Kelachandra Machines (Sri. PP Thomas, MD) for UG project
- Special Prize for "Lower Limb Mobility Support" at APJKTU Techfest co-organized by KSCSTE (Kerala State Council for Science, Technology & Environment) held on January 8th 8 0th
- "C BEG" shortlisted for the semifinals of the All India Innovation Awards Contest (Dr. Pradeep P Thevannoor Award for Innovation) held at SCMS, Kochi on 1st & 2nd February, 2016
- "Soil Scooper" shortlisted for the semifinals of the All India Innovation Awards Contest (Dr. Pradeep P Thevannoor Award for Innovation) held at SCMS, Kochi on 1st & 2nd February, 2016 and APJKTU Techfest co-organized by KSCSTE(Kerala State Council for Science, Technology & Environment) held on January 8th & 9th, 2016.

- "Step Climbing Wheelchair" selected for Yuva Mastermind 2016 (State Level Funded Project Contest)
- "Wheel Changer" selected as the best marketable project (Rs. 17,000 cash prize) at Technitrous 2016 organized by MACFAST, Tiruvalla and also offered financial from the incubation center of MACFAST.
- "Magnetic Gearing System" obtained funding from KSCSTE, Govt. of Kerala and selected for APJKTU Techfest co-organized by KSCSTE(Kerala State Council for Science, Technology & Environment) held on January 8th & 9th.
- "Pneumatic Jack with Inflator & Electric Wrench" obtained funding from KSCSTE, Govt.
   of Kerala and selected for APJKTU Techfest co-organized by KSCSTE(Kerala State Council
   for Science, Technology & Environment) held on January 8th & 9th.
- 11. Mr. Yadhu Raj & Mr. Justin M Thomas of S7 ME-B batch have secured First Prize in Sheet Metal Layout Competition held at Vellore Institute of Technology (VIT) on 18 th & 19 th September 2015 organized by SAEINDIA as part of Student Convention 2015

# The Institution of Engineers (India) Saintgits Students' Chapter

The students' chapter of The Institution of Engineers (India) was inaugurated in Saintgits College of Engineering on August 4, 2015 . The chapter is affiliated to Kochi Local Centre under Kerala State Centre. Presently, 1700 students are enrolled as student members in the Saintgits Students' Chapter in six divisions. Shri Vijayakumar, Chairman, Kerala State Center of IE(I) inaugurated the IE(I) students chapter



Inauguration of Saintgits College of Engineering Students Chapter of IE(I).

#### Engineers' Day Celebrations



Engineers' Day celebrations by Saintgits College of Engineering Students Chapter.

Saintgits College of Engineering students' chapter celebrated the 48th Engineers' Day on September 15. Smt. M.S. Mythili Member Secretary, Kerala State Pollution Control Board, Trivandrum, inaugurated the function and delivered the keynote address on "Environmental regulations with special reference to E-waste management".

#### Seminar on E-waste Management

The Students' Chapter conducted an awareness seminar on "E-Waste Management" on October 9, 2015. Dr.A.L.Shibulal, Associate Professor, Saintgits Institute of Management delivered the talk..



Dr.A.L.Shibulal speaking at the seminar on "E-Waste Management.

### **Expert Talk**

Mr. Binosh K. Philip, Assistant Manager, Energy Products Division ,Raychem RPG(P) Ltd, Kerala Region delivered a technical talk on "Challenges faced by Indian Utilities & recent trends in Electrical Industry" under the banner of IE (Institute of Engineer's Student Chapter) for EEE students on 17-9-2015



Expert talk Mr. Binosh K. Philip on "Challenges faced by Indian Utilities & recent trends in Electrical Industry"



Engineers' Day celebration Inauguration

# **Quiz** — Cómpetitions



Dr.M.C. Philipose, Principal, giving away prizes to the winners of the quizz competition.

The Civil Engineering Division conducted a quiz competition on 16 th October 2015. Five teams of three members each, shot out the answers to the quiz master. The quiz master was Dr. M.C Philipose, Principal of Saintqits college of Engineering





# Saintgits Center for Innovation & Entrepreneurship (SCIE)

#### **Inauguration of Innovation Lab**





Vice Chancellor of KTU, Dr. Kuncheria has stressed on the Need of upgrading one's Curiosity nature. Besides, Sri. Kuncheriahas inaugurated Innovative Saintgits Campus Model&Walking & Talking Robot - Trion. TRION offered welcome to VC & Pro VC.

# Launch of SAINTGITS Startup Bootcamp[SSBC]

SSBC was inaugurated by Mr. Rajesh Nair, Visitng Scholar, MIT, USA

#### **Approval of FAB Lab**

SAINTGITS is one among 20 colleges approved by KTU for MIT Mini FAB Lab

#### My Big Idea Competition Edition 4

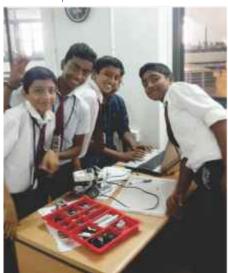
SCIE has received around 350 plus innovative ideas in the academic year 2015-16

#### IIM Programme

SCIE has sponsored 4 students to attend the Talks in IIM K.Besides, they won won the first prize in HACKATHON. The First Prize was shared by SAINTGITS and NIT Calicut.

# Robotics Training for Saintgits Faculty & Students

SCIE has organized free Robotics Training to 20 Faculty & 15 students of Saintgits College of Engineering. Besides, SCIE has offered free training to around 60 students from 25 schools in Kottayam District.



#### Young Entrepreneurship Summit

SCIE has sponsored 20 students to participate in the YES summit at Ernakulam.

#### **SMART Kottayam**

Three Innovative Projects [EEE,ECE/AEI,SIM] has been selected by Kottayam Administation for implementing in the Kottayam Town. Visit www.smartkottayam.in

#### **SCIE Day Celebration**

SCIE has celebrated it's 3rd Anniversary on Sept. 29th 2015 with One day Workshop.

#### FAB Lab visit

SCIE Advisors& Students has visited the FAB Lab in KSUM,Tvm& Kochi

#### **Project Funding Status**

CE - 2 ME - 4 EEE-2 ECE-3 CSE-1 AEI-2 MCA-3 SIM-1

# Statistics of 23 Innovative Weekly Exhibits

CE-3, ME-4, EEE-3, ECE-2, CSE-2, AEI-4, MCA-5.TheSMART DISPLAY by MCA department eliminated flex/poster printing for the exhibition.



#### **Startup Box**

2 teams of budding entrepreneurs from Saintgits has been selected by Govt. of Kerala



### Budding Entrepreneurs awarded with Grace Marks & Attendance

MG University has awarded Grace Marks & Attendance to 10 CSE Students for their Entrepreneurial activities

#### Faculty visit to Dubai GITEX 2015

SCIE Advisor has attended the 4 day programme in World Trade Centre, Dubai

#### Three Day Workshop on Entrepreneurship

55 students has participated in the 3 day residential workshop conducted by SCIE

Innovative Digital Lock created by Saintgits Alumni Mr.Joseph&Mr.Biju from the first batch of ECE has been implemented on the Principal's Cabin door

Here is a message from Joseph to all Gitsians.

"My name is Joseph and I graduated with the first batch of Saintgits College in ECE 2002 - 2006. It's almost 10 years now since we left college and I have been fortunate to build my career in embedded technology across Europe, Taiwan, Japan and India. I am writing this email to introduce APSO, the first modular smart lock in the world for home owners. APSO - is a product developed by our company XRevol, founded by Biju Jacob and me. Biju was my classmate here in first ECE batch of Saintgits. Biju has worked in programming and data analytics and now leads the company from Bay area, California, USA.

We are among the first, if not the first enterprises founded by Saintgits Alumni. Do see below an introduction video to our founding team, product and beta installs we have done in US and India.

https://youtu.be/Y8ItnZxT2kY Our website is: www.apso.io "

# NATIONAL SERVICE SCHEME (NSS)

#### **ENVIRONMENT DAY CELEBRATION**

**PRODUCT MAKING** 

handled by Sri. Varghese Paul.

taught about the product making.

NSS Tech Cell of SAINTGITS College of Engineering conducted an array of activities as part of the environmental day celebration on 7th June 2015 with the help of forest department. The activities included an enlightenment class, which was taken by Ms. Anshwara Sasi, collection of tender plants which were provided by the forest department and tree plantation was organized in our adopted village Panachikadu Gramapanchayat.

The skill development among the volunteers was brought about by making products such as Detergents, Floor cleaner, Toilet wash, Liquid soap and Phenol. A class was

The products were available to the public soon after it was produced, in a subsidized manner so that the people can use them in an efficient manner. The adopted village was also



#### **DIGITAL INDIA**

Digital India was conducted to familiarize the online sites available to complete our task in one touch.

The Program Officer gave a brief description on the online sites which can human headaches to a larger extent. The sites included women empowerment, railway booking sites, etc.

#### **ENERGY CAMPAIGN**

The Electrical energy campaign was conducted in the Panachikad panchayat on 14th August 2015 due to immense hike in the electrical bills. The intention of the survey was to analyze the usage of filament lamps, CFL lamps etc and other electrical appliances. The electrical engineering students among the volunteers gave awareness classes.



#### ENTREPRENEURSHIP SKILL DEVELOPMENT

In association with the ICT Accadamy of Tamil Nadu and Rajiv Gandhi Institute of Youth Development(Government of INDIA), the entrepreneurship skill development was organized. The class was taken for 40 selected innovative students. The 40 hr classes were completed for the students by the programme officer. Business plans were submitted by the budding students.



#### Clean Campus Safe Campus



An awareness programme titled Clean Campus Safe Campus was held at Saintgits Campus undr the banner of NSS. Mr. Satheesh Bino IPS inaugurated the campaign on 22nd March 2016



The intention of ULLASA THEERAM was to promote eco-tourism by attracting people to the site. The place called PADIYARAKADAVU was chosen to alter the area to an ecotourism spot. Minister Thiruvanchoor Radhakrishnan inaugurated the same by planting saplings on either sides of the road. The planted saplings were of the medicinal type.



Sri. Thiruvanchoor Radhakrishnan, Minister for Revenue & Transport, inaugurated Ullasatheeram Project an initative of NSS Saintgits in association with Local body to beutify Padiyarakkadavu-Vakathanam road.

# DEPARTMENT OF PHYSICAL EDUCATION

#### **Extramural**

The college Football Team (Men) became Winners of the Inter Collegiate Tournament organized by Mar Baselios Christian College of Engineering and Technology, Peermade, February 2016.

The College Basketball Team (Men) became Runners up of Dunkyard 2K16, Inter Collegiate Basketball Tournament at College of Engineering, Adoor, February 2016.

The college Chess (Men) team secured Third place in the Astapada 2015, Inter collegiate Chess Tournament at SB College, Changanacherry on 4th September 2015.

The College Staff Cricket Team (Men) reached the semi finals of Prof. George Thomas Inter Collegiate Tournament at SB College, Changanacherry, March 2016.

The college Football Team (Men) reached the semi finals of the Inter Collegiate Football Tournament, at St. Aloysius College, Edathua, January 2016

#### **Inter house Competitions**

Annual athletic meet: The 11thAnnual athletic meet of SAINTGITS College of Engineering was conducted on 16th March 2016 at the college grounds. The Chief Guest Prof. Amey George declared the athletic meet open which was followed by the oath taking ceremony. Trophies for Best Individual Performances were awarded to Anandhu S Pillai, Alfi Ann Ioseph, and Maria Ioshv

#### SBL - Saintgits Basketball championship (Men Students)

A Badminton Doubles tournament for the Men Students was organized. A total of 19 teams took part in the tournament.

#### SPL (SAINTGITS Premier League) Cricket Tournament

A total of 45 (41 students team and 4 staff teams) teams took part in the tennis ball tournament for the SAINTGITS family.

#### SFL (SAINTGITS FOOTBALL LEAGUE)

A total of 16 teams took part in the Football tournament for the SAINTGITS staff and students

#### ASCeT (Annual SAINTGITS Chess Tournament)

A total of 16 teams including staff and students took part in the chess tournament for the SAINTGITS family members.

#### **Best Physique** Competition 2016

A total of 5 students took part in the competition in which the students displayed the upper extremity muscles.





**GENERAL PROGRAMMES** 



#### **Republic Day:**

Dr. M C phlipose, Principal Saintgits College of Engineering hoisted the National Flag during the Republic day celebrations on 26th Januray 2016.

# Smart Kottayam Phase II



initiative of Sistrict Collectorate, was conducted in Saintgits Campus. Dr. Divya S Iyer, Asst. Collector headed the Evaluation team

MoU with CDAC Saintgits has signed an MoU with Centre for Development of Advanced Computing (CDAC) to foster research and



# Christmas celebrations



Christmas celebrations of the Saintgits College held on 18th December 2015 with variety of programmes,

# The scond phase of Evaluation of Smart Kottavam, an



# Constitution Day Celebration

The First Constitution Day was celebrated on 26th November 2015.Mrs. V S Bindukumari , Kottayam District Judge, inaugurated the programme and delivered talk on 'Indian Constitution'

#### **Academic Council**

A meeting of SAINTGITS Academic Council was held on 11th August 2015



### NAKSHATRA 2015

The National Techno- Cultural Fest of SAINTGITS College of Engineering was inaugurated by Dr. Cyriac Thomas, Member of the National Commission for Minority Educational Institutions of India on 3rd February2016. Famous film star Tovino Thomas was the chief guest of the flag of ceremony.











## PRATITYA-2016

**SAINTGITS ARTS DAY** 



Arts Day of SAINTGITS College of Engineering was celebrated at the college campus on 1st February 2016. Sri. Johnson Alexander (PTA President) inaugurated the event in the presence of SESA office bearers.



# SAINTGITS Family Get Together

SAINTGITS Family Get Together was organized on 28th November 2015 at Mini Auditorium.



Hostel Day Celebrations were held on 1st April 2016. The function was inaugurated by Sri. Thomas T John, Director, Saintgits

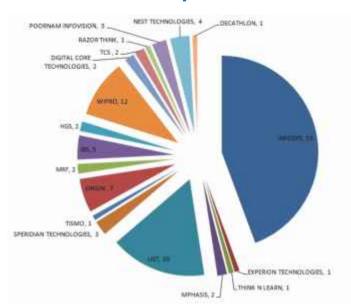
### SRISHTI

#### Press Photography Award

Kottayam District Asst. Collector Dr. Divya S Iyer has presented the cash Prize and momentos to the winners of Press Photography Award held in connection with Srishti2016. The First Prize was won by Rajeev Prasad (The New Indian Express) and Second Prize by Rijo Joseph (Malayala Manorama)



# Training and Placements Department



Saintgits has a vibrant Training and Placements Department which has ensured placements for students in more than 100 reputed companies. The Training and Placement Cell of Saintgits focuses on turning out employable graduates and providing them with quality job opportunities in reputed organizations. Saintgits College of Engineering is a preferred recruitment campus for many renowned companies

# CONGRATULATIONS UNIVERSITY RANK HOLDERS 2015

#### **M.TECH GEOMECHANICS & STRUCTURES**







SECOND RANI SWETHA P



THIRD RANK
ANI MARY ALEX

#### M.TECH POWER SYSTEMS



FIRST RANK
SHERIN TOM



SECOND RANK

ANSU THOMAS



THIRD RANK GANESH M

#### **M.TECH MACHINE DESIGN**



SECOND RANK
RAHUL ELAMON



THIRD RANK
GRACEBORN L.R.





#### SAINTGITS COLLEGE OF ENGINEERING

SAINTGITS College of Engineering, Kottukulam Hills, Pathamuttom, P.O, Kottayam. Pin - 686532 Email: mail@saintgits.org | Ph: 0481-2430349, 2436169, 2436170. For Admission and further information: Email: corporateoffice@saintgits.org

Corporate Office

III Floor, Unity Buildings, K K Road, Kottayam 686 002

Tel/Fax: 0481 2584330, 2300365