

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY

2016-2017

ANNUAL REPORT



FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)

Established in 2002 as a millenium gift to society by the Federal Bank Officers Association Educational Society (FBOAES) with 4 B Tech programs, the institution has grown to become a top ranked engineering college and currently offers 6 B Tech, 6 M Tech, MBA and MCA programs. A vision to become a world class professional institution churning out competent socially committed professionals is reflected in all the activities undertaken by the college.

The Team Leaders



Mr Paul Mundadan

Chairman



Dr George Isaac

Principal



Dr C Sheela

Vice Principal



Dr KSM Panicker

Director (Academics)



Dr. Sunny Kuriakose

Dean (Student Affairs)



Dr George V Antony

Director (FBS)

THE MANAGING COMMITTEE

Mr. Anthony Johnson	President
Mr. Paul Mundadan	Secretary
Mr. Bose P I	Treasurer
Mr. Alex T Paikada	Vice President
Mr. Abdul Nazar M P	Associate Secretary
Mr. Jojo K J	Associate Treasurer
Adv. Mathew P V	Member
Mr. Raju M V	Member
Mr. George C Chacko	Member
Mr. Xavier Gregory	Member
Mr. Rajavarma E K	Member
Mr. Ajithkumar K K	Member

GOVERNING BODY

Mr. Paul Mundadan	Chairman
Mr. Anthony Johnson	Vice-chairman
Mr. Bose P I	Treasurer
Adv. Mathew P V	Member
Mr. Alex T Paikaday	Member
Mr. Abdul Nazar M P	Member
Mr. Jojo K J	Member
Mr. Xavier Gregory	Member
Mr. Rajavarma E K	Member
Prof. Jose Pappu	Member
Prof. Neena Joseph	Member
Dr. George Issac	Secretary

ADVISORY BOARD

The Society has enlisted the support of many luminaries from the field of education, technology, administration and banking to guide the functioning of FISAT. The advisory board of the Society consists of eminent personalities with proven capabilities including

- ❖ **Dr. G MADHAVAN NAIR**, Former Chairman, ISRO
- ❖ **Dr. V N RAJASEKHARAN PILLAI**, Former Executive Vice President, KSCSTE
- ❖ **Mr. K P FABIAN**, IFS (Rtd), Former Ambassador of India to Italy and Gulf Countries
- ❖ **Dr. E GOPINATHAN**, Former Director, NIT, Kozhikode.
- ❖ **Dr. JACOB THOMAS**, IPS, DGP, Former Director (Vigilance)

ACADEMICS



No of programs offered:

- Undergraduate : 6
- Postgraduate : 8

Students admitted:

- Undergraduate Programs: 621
- Postgraduate Programs: 266

Ranks in University Exams



A banner celebrating a student's achievement. On the left is a portrait of Adarsh Kadamari. To his right, the text "3rd RANK" is displayed in large, bold, yellow letters. Below this, it says "M G University MCA Degree Examinations 2016". On the far right is a gold medal with a red, white, and blue ribbon. The background is dark grey with yellow stars on the left.

3rd RANK

M G University MCA Degree
Examinations 2016

Adarsh Kadamari
MCA (Lateral) 2014-16



A collage of student portraits and their academic achievements. A central graphic on the right says "FISAT ICONS OF ACADEMIC EXCELLENCE". Below are seven portraits with their names and ranks. At the bottom, a banner reads "Congratulations YOU MADE US PROUD.....".

**FISAT
ICONS OF
ACADEMIC
EXCELLENCE**

JESNY ANTONY
First Rank in M.Tech
Information Systems (CSE)
M.G.University

LINSHA L
First Rank in M.Tech
VLSI and Embedded Systems (ECE)
M.G.University

NANDANA VARMA
First Rank in MCA
MCA
M.G.University

AJEESHA A A
Second Rank in M.Tech
Information Systems (CSE)
M.G.University

K S MUHSINA
Second Rank in MCA
MCA
M.G.University

RINY JOY
Third Rank in M.Tech
Information Systems (CSE)
M.G.University

AISHA KALAM C A
Third Rank in M.Tech
Power Electronics & Power Systems (EEE)
M.G.University

Congratulations
YOU MADE US PROUD.....

University Examination Results

Sl. No.	Dept	Pass Percentage
1	CE	92.68
2	CS	98.32
3	EE	90.3
4	EC	94.30
5	EI	93.22
6	ME	86.9
7	MBA	82.2
8	MCA	100
9	CS/CSIS	100
10	EE/PEPS	100
11	EC/COEN	100
12	EC/VLSI&ES	100
13	CE/SECM	100

ACADEMIC PERFORMANCE MONITORING COMMITTEE (APMC)

As a measure of quality initiative and sustenance, the Academic Performance Monitoring Committee has started its functioning from the beginning of this academic year itself. The Committee, headed by Dr. KSM Panicker, Director, Academics, has had three rounds of class-wise meetings with the poor performers and the respective teachers.

COLLABORATION WITH FOREIGN UNIVERSITIES

In international collaboration FISAT has signed MoUs with Baekseok University, Republic of Korea, Hyogo University, Japan and Open University Malaysia for add-on courses, exchange programmes, twinning programmes, student exchange and interaction programmes etc. Collaboration with some of the British Universities are also on the pipeline for Twinning MBA programmes. These tie-up arrangements have already enhanced the profile of the institution with an international edge which will certainly benefit students to have better exposure and more international opportunities.



Federal Institute of Science and Technology signed an MOU with Baesok university Korea on 2nd June 2016.

ACCREDITATIONS & CERTIFICATIONS



Accreditation by National Assessment and Accreditation Council (NAAC)

ACCREDITATION INITIAL PREPARATIONS

The initial preparations for NAAC accreditation process were started by the end of 2014. As the first step, the LOI (Letter of Intent) was submitted to the NAAC on 15/6/2015 with

registration fee Rs. 28,500/-. The letter was accepted and we were directed to submit the Self Study Report (SSR) within 6 months.

Seven Criterion-wise Committees were formed which met periodically to prepare their respective criterion-wise report. After thorough revision of these reports and formatting, the soft copy of final SSR was made ready to be uploaded. The soft copy of the SSR was uploaded on 19/12/2015 and the hard copies were to be sent within one month. On 18/1/2016 five hard bound copies and one soft copy of the 346 page SSR were submitted to NAAC along the Accreditation Fee Rs. 3, 43, 500/-. Prior to the NAAC Peer Team Visit two mock visits were conducted.

PREPARATIONS PRIOR TO THE NAAC PEER TEAM VISIT

The hard copies of the SSR were distributed to all HoDs for further perusal. 24 Committees for an exhaustive preparation were formed well in advance of the visit. The Committees met on almost all Thursdays and deliberated on the progress of various tasks entrusted with them. They worked hard to assure that everything mentioned in the SSR, be it a part of infrastructure or a healthy practice, is available or followed in the College. The entire College community - students, teachers, non-teaching staff, hostel students, PTA, Alumni - were given orientation and given the highlights of the content of SSR. Copies of the College Newsletter 'Impetus' (last two issues) and the first issue of the College Research Journal were made ready. A supplementary report in print form was made incorporating the activities conducted by the Departments since the submission of the SSR.

THE NAAC PEER TEAM VISIT

The four member NAAC Peer Team consisting of **Prof. Tankeshwar Kumar**, (Vice-Chancellor, GuruJambheshwar University of Science and Technology, Haryana), **Prof. B. P. Singh** (Former Dean, Faculty of Commerce, Delhi School of Economics, University of Delhi, Delhi), **Dr. Vinayak N. Shet** (Principal, Goa Government Engineering College, Goa) and **Dr. G. Pundarika** (Principal, Government Engineering College, Ramangara, Bangalore) visited the College during 29th September - 1st October, 2016 for the inspection and interacted with various stakeholders.



NAAC peer team lighting the lamp



Dr. George Issac, Principal, presenting about the college before the NAAC Team.



Chairman Mr Paul Mundadan and other management committee members interacting with the NAAC Peer Team

The four member NAAC Peer Team consisting of **Prof. Tankeshwar Kumar**, (Vice-Chancellor, GuruJambheshwar University of Science and Technology, Haryana), **Prof. B. P. Singh** (Former Dean, Faculty of Commerce, Delhi School of Economics, University of Delhi, Delhi), **Dr. Vinayak N. Shet** (Principal, Goa Government Engineering College, Goa) and **Dr. G. Pundarika** (Principal, Government Engineering College, Ramangara, Bangalore) visited the College during 29th September - 1st October, 2016 for the inspection and interacted with various stake holders.

They had verified the supplementary report, college handbook and calendar, newsletters, copy of research journal etc. After the initial presentation by the Principal, the team visited all Departments. They reviewed the presentations prepared by the Departments and interacted with the faculty meticulously. They had also met students, PTA, Alumni and had active interactions with them. A cultural presentation by the students was arranged at 6.30 pm in the Auditorium which was followed by dinner. On the second day they concentrated on the Hostels, other facilities and verified the documents.

All the Peer Team members spoke very highly about the institution and the facilities in the Exit meeting conducted on the third day. They deeply appreciated the dedication and commitment of the Management. A confidential report of the peer team was handed over to the Principal at the meeting.



NAAC peer team exit meeting

The entire FISAT community actively took part in the accreditation process at all stages. The unflagging support and leadership of the NAAC Coordinator Dr. Sunny Kurakose A, Dean Student Affairs ably supported and guided by Dr. George Issac, (Principal), Dr. C. Sheela, (Vice Principal), Dr.K. S. M. Panicker, (Director Academics) help the institution secure A grade.

ACCREDITATION BY NAAC WITH 'A' GRADE

Based on the interaction and recommendation of the Peer Team, the NAAC Executive Committee that met on 5th November 2016, awarded 'A' Grade to FISAT.

POST NAAC ACCREDITATION

The internal Quality Assurance Cell (IQAC) has been reconstituted on January 15, 2017 after the successful conduct of the first NAAC accreditation process.

The IQAC meets regularly and discusses the NAAC peer team report systematically. Various quality initiatives and quality sustenance measures are being suggested. It is mandatory that the institution has to submit Annual Quality Assurance Report (AQAR) without fail for the reaccreditation. The first AQAR is getting ready for submission under the leadership of Dr. Sunny Kuriakose A, Dean Student Affairs. The furnishing of the IQAC room is under way.

ISO 9001:2015 CERTIFIED INSTITUTION

It is a remarkable moment that the institution has successfully completed the ISO Certification Audit 9001:2015 in the recent upgradation of the ISO certification process held on 29th and 30th November 2016. FISAT may be one of the first educational institutions in the country to upgrade the new standard of the ISO Certification.

Dr. A.J Joshua professor, FBS, Coordinator ISO 9001:2015 Certification, took an active role in this process. Part of this program training has been given to the faculty as social auditors and they have conducted the audit before the actual ISO Audit.

It is a creditable achievement that FISAT has received ISO certification in 2004 itself and has ensured that its Quality Policy is up to global standards. In subsequent audits also, no Non-Conformance was reported. The certificate ISO 9001:2008 was renewed to a further period up to April 2018 and is now going to be upgraded to ISO 9001:2015.

INFRASTRUCTURE



Infrastructure Augmentation

- Construction of Decennial block nearing completion
- Construction of Fabrication laboratory (FAB LAB) is completed and inaugurated on 27th May 2017. It is a 24X7 working laboratory for the students and the General Public.
- Established a three storied fully digitalized most modern Library having 71918 volumes of books, 267 National and International Journals and 10000 online journals are available with state -of -the art facilities with 65 computers.



- Being part of the initiatives of the Government of Kerala FISAT Installed 200 solar panels with 60 cells per panel. The High power solar energy system produces 50 kilowatt energy. Since the system is grid connected type, the voltage and frequency will be adjusted to the voltage and frequency of the KSEB grid, to which the system is connected. By installing solar panel in the campus FISAT has become a CLEAN SOLAR ENERGY CAMPUS. This Solar power plant installed could save substantial electricity expenses.
- Three extensions added to Ladies Hostel buildings. This includes a health Centre, spacious kitchen and 35 rooms (120 bed capacity) for accommodation.
- Fitness Centre for Boys renovated (4000 sq. ft) with added facilities and put to use.
- Construction of B. Arch. College building (70,000 sq. ft.) with 4 floors progressing.
- Federal Bank has opened an ATM counter in the Decennial Block, opposite to Library, making banking possible for students and staff inside the campus.
- Covered the campus with CC camera surveillance (297 cameras) including class rooms, corridors, parking areas, canteen and important spots.
- Building complex (10,000 sq. ft) near the auditorium for housing the generator, guest rooms, book store, health club, etc completed.
- An excellent new natural turfed cricket/football ground with 2 cricket pitches opened for use.

Central Computing Facility



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- Inauguration of the Central Computing Facility by Mr Thampy Kurian



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- Central Computing Facility and Launching of FISAT Brand computers called Decennia Personal Computers was inaugurated by Mr Thampy Kurian General Manager and National Head of Human Resources, Federal Bank Ltd.. Paul Mundadan Chairman, FISAT presided over the function. The new central computing facility of FISAT has the feature of nine labs with more than one thousand five hundred computers. These computers are with high configuration and seven operating systems. Projectors, Amplifiers, Grand Sound Systems and Supercomputing facilities are some of

the features of this new central computing Lab. This new computing facility is spread around the area of 5400 sq. Feet.

- New physics and chemistry labs were installed
- Purchased 2 new buses for providing additional conveyance to students and staff.
- A bus shed constructed, which could park 5 buses at one side of the bus bay.
- A new Ambulance purchased and being used full time for students and staff.
- College has purchased almost one acre of land during 2015-2017

AWARDS & RECOGNITIONS



1. Won **Best Educational Brands 2017 Award As a symbol of Excellence in Educating and Skilling India's future.** instituted by The Economic Times
2. Won the Award for **"Most Promising Private Engineering College of Kerala"** Instituted by Prime Time Research Media New Delhi
3. Won **"Best Engineering College In Kerala** at the National Achievers Conclave and Awards "by Indian Research Media. Delhi
4. Won the **Best Institute for Excellence in Engineering Education 2017'** instituted by Indywood film carnival, Kerala Chapter.
5. Won the **Best Private Institution Award For Project Based Cultivation** by the Department of Agriculture, Govt. of Kerala.
6. Won the **Excellence award for contribution to Kerala Education** by DC Media at the Emerging Kerala Education Conclave
7. College is selected as the **Best IED Centre (Innovation and Entrepreneurship Development Centre)** of KERALA STARTUP MISSION during 2016-2017.
8. Won the **GOLDEN LEAF award for Excellence in Engineering Education** instituted by Future Kerala
9. College has won the Special Jury Mention for **Green Initiatives Implemented by FISAT** instituted by Kerala Management Association (KMA)
10. Won the Recognition for **Best Educational Institution for Significant Contribution to Energy Conservation** instituted by the People's Forum of Sustainable Development from MG University.
11. Won the Top rank of **Outstanding Engineering Colleges of Excellence in India** by Competition Success Review Magazine New Delhi.
12. Won the International award for **"Premium Brand"** for **Institute of Excellence in Professional Education** at Globe Luxurié Décodé by the Indian Chamber of Commerce (ICC) and Indian Business Professional Group IBPG – Abu Dhabi.
13. Won the award for **Best Quality Institution in Professional Education** instituted by the KHRA
14. Won the award for **Best Engineering Institute With Quality And Focus** by Rashtra Deepika Ltd
15. FISAT Governing Body Chairman Mr. Paul Mundadan received the **Visionary Edupreneur of the year 2017** Award from Business World and Education Post Delhi and First **"Proud of**

Kerala” Award instituted Dr. APJ Abdul Kalam Institute of Business Management and Skill Development – Kochi

16. FISAT Business School received the award of **Fastest Growing Business School In South India** award from Business World and Education Post

17. Won the **Best Institute for Excellence in Engineering Education 2017’** instituted by state Govt. of Telegana and Indy wood film carnival, Hyderabad

Cells & Clubs

Activities



SCIENCE & TECHNOLOGY PARK AND RESEARCH CENTRE (SPARC)

FISAT is the place where Science, Technology and Research are highly promoted. The overall developments of the students are promoted under this centre. The facilities of Incubation center, Fab Lab and science pavilion make the student more careers oriented. Also the Innovation, Incubation and Entrepreneurship cell promote the students innovative ideas to incubate and thereby make them a successful entrepreneurs. Mr. Jiby Varghese, Asst. Prof. ECE Department and Team coordinating the activities of the Science & Technology Park and Research centre. The work of the Fablab, Incubation Center

ACHIEVEMENTS

Mr. Jiby Varghese, Asst. professor (Sr. Gr.) has been selected as Executive member of KTU's Entrepreneurship Development cell (EDC) and Head of EDC Cluster.

Innovation and Entrepreneurship Development Cell

- **FISAT Space Olympiad 2k17:** FISAT Science & Technology Park and Research Centre has organized an International Space Olympiad for the students of 8th grade to 12th grade on 27th and 28th of January 2017. The program included International lectures on space science, space quiz, telescope making, science toys making, sky watch, Virtual Reality space walk, planetarium and science games. A cash prize of more than 10 lakhs and scholarships distributed. The program had collaboration with Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune, Indian Institute of Astrophysics (IIA), Bangalore, Indian Space Research Organization (ISRO), Tata Institute of Fundamental Research (TIFR), Pune and Raman Research Institute. Around 100 School students from various schools participated.
- **Young Researcher Fellowship Programme – 22nd to 27th May 2017** FISAT Science & Technology Park and Research Centre conducted Young Researcher Fellowship Programme for highly motivated school students (8th - 12th standard) in the month of May 2017. The programme helped the students to enhance their knowledge in STEM (Science, Technology, Engineering and Mathematics).
- **FABLAB, FEDERAL LABZ (INCUBATION CENTRE) & FAB@SCHOOL – Inauguration on 27th May 2017-** A mini FABLAB (Fabrication laboratory) with the support of A P J Abdul Kalam Technological University and Kerala start up mission (KSUM) has started functioning inside the campus. FISAT has also built a fully fledged facility called Federal Labz for incubating start-ups inside the campus. The Inauguration of *FISAT FABLAB*, *Federal Labz* and *Fab@School* project was done by *Shri. P. Sreeramakrishnan*, Hon'ble Speaker of Kerala Legislative Assembly. *Shri. Roji M John*, Member of legislative assembly, Angamaly Constituency, *Dr. M Abdul Rahman*, Pro Vice

Chancellor APJ AKTU and *Smt. Molly Vincent*, President, Mookkannoor Grama Panchayath were present on the occasion

- **Mou** Signed with State Resource centre (SRC)
- **Fab@School Project Launched on 27th May 2017**- Fab @ school is a project intended for school students to enhance their knowledge, skills and practical wisdom in STEM (Science, Technology, and Engineering & Mathematics). It aims to enhance a “maker mind” in young generation by providing them the state of art facilitates of FISAT FabLab and to mould them as a competent citizen for meeting the national imperative.

IEEE Chapter



Astronaut Sunita Williams inaugurates the IEEE lecture series

Astronaut Sunita Williams inaugurated IEEE lecture series hosted by IEEE India Council at FISAT on 23rd June 2016. She made a virtual appearance through Skype organised by IEEE India Council. In a very inspiring one hour interaction, the famous NASA astronaut who holds records for seven space walks by a woman shared her lighter side to young audience eagerly waiting for her words.



- **Annual General Body Meeting of IEEE 2017;** It is an event which is conducted annually which involves welcoming the new executive committee and explaining the entire activities of the last year. The event mainly focuses on meeting of all the IEEE members and discussing about the future plans .It was conducted on 21st of March and saw a participation of more than 100 students.
- **ARISE 2017 - 5th May 2017;** Participation - 70 students- It was an event organized by the third year students for the first year students. The program benefited the students by

providing them a basic idea of all the opportunities they get in the college related to IEEE. It had technical and managerial sessions.

- **MINERVA 2017** - May 08 2017(Participants – 75)- It was a hub level event hosted by FISAT SB .It saw a participation of students from over 5 colleges .It was celebrated as a part of the women's day celebration and included a industrial visit to Nirapara Factory. The students took up this as a chance to interact more and understand about the industrial challenges. It also had a tech talk handled by our alumni. The event was a grand success and was well appreciated by IEEE members in kerala Section.

CENTRE FOR EXCELLENCE IN ROBOTICS

- **An Interaction with Dr. Roshy John:** Dr.Roshy John,Head of Robotics TCS ,visited our FISAT campus on 02/11/16.The students of “Centre for Excellence in Robotics” group and “Centre for High Performance in Computing” got an opportunity to interact with him. Dr.Roshy developed an autonomous car which could be used in Indian roads. During the interaction,he also adds that the the field of robotics is an evolving field and would create tremendous job opportunities.
- **Two-days Faculty Development Program on e-Yantra IIT-B:** A two day FDP was organised by ‘CER’ in the month of december. Headed by Ms.Krishna Lala,IIT-B a team of resource people handled the session on Robotics and Firebird V. The session was attended by about 40 faculty members from all over Kerala .
- **Faculty Development Program :** Four faculty members Mr.Mahesh C, Mr.Bejoy Varghese ,Mr. Muhammed Noufal C. Mr. Shinto Sebastian attended faculty development program organised by IIT-B from January-March.
- **e-Yantra Symposium ,IIT-B :** Two faculty members Mr.Mahesh C and Mr.Bejoy Varghese and two students Mr.Amrith Athmaram and Mr.Madhu Krishna attended e-Yantra Symposium, an annual event at IIT-Bombay to bring together colleges which have set up robotics labs through the e-Yantra Lab Setup Initiative (eLSI).
- **Orientation program :** An orientation program was conducted by Mr.Bejoy Varghese under ‘CER’ for the first year students of Electronics and Communication Engineering in the month of July on ‘Introduction to Robotics’.
- **‘Introduction to Arduino’ session for higher secondary students:** A session on ‘Introduction to Arduino’ was conducted by the ‘CER’ group of FISAT in connection with EIE-Techathon on 24-26th April 2017.
- **Vacation classes:** Classes were conducted for the students of ‘CER’ in the month of June & July .The students had a hands-on session about making various types of robots and programming it. The students also took up a ‘Two programs a day challenge’ where they had to solve at least two programming questions everyday
- **Interaction with Dr.Deepak Phatak :** Dr.Deepak B. Phatak an Indian computer scientist and academic, and a recipient of the Padma Shri Award for his contribution in science and

technology visited the college in the month september. The students of 'CER' got a chance to interact with him.

- **Setting up of e-Yantra Farming Initiative** : e-Yantra farming initiative was set up to develop a know-how for setting up an automated agriculture project. The project helped students address real world issues and challenges in the agriculture industry.
- **e-Yantra Robotics Competition** : Four teams were selected for e-Yantra Robotics Competition, annual competition for undergraduate students in science and colleges and are given a robotic kit complete with accessories and video tutorials to help them learn basic concepts in embedded systems and microcontroller programming.

IEEE Workshop IMPULSE 2



IEEE FISAT branch organized a one day workshop Impulse 2 in the campus on 30th July 2016. Dr. P A Fathima, Director, State Institute of Education Management inaugurated the programme. Mr. Paul Mundadan, Chairman, FISAT Governing body presided. Workshops on VLSI, Web Development, Managerial, Intelligence Machine, were conducted by Paramjith Nagpal, Jennifer Kumar, Sanju Soni, Aswin Shibu. Around three hundred delegates participated

IEEE WOMEN'S DAY CELEBRATION



FISAT IEEE Association Celebrated the Women's Day on 8th March 2017. Mr Paul Mundadan Chairman FISAT inaugurated the function. Dr. C Sheela Vice Principal Presided the Function. Dr. K S M Panicker Director Academics, Dr. Sunny Kuriakose Dean Student Affairs, Praveen IEEE coordinator and student coordinators were also participated in the function.

Ekalavya

- Conducted 7 faculty development programs, in association with IIT Bombay and IIT Kharagpur.
- Received a grant of Rs.2.86 lac towards the FDP expenditure.
- 46 Faculty members from FISAT 63 faculty members from other colleges could utilize this facility.
- Our centre is rated as Five star by IIT Bombay, consecutively for 6th year and as part of this Padmasree Dr. D B Phatak has visited the campus.
- Our MCA students got an opportunity to attend the “MCA internship program 2018”.
- 17 pre-final year students are attending the College to corporate program by IIT Bombay and IIT Kharagpur. Shortlists will get an opportunity to join the winter internship program at IIT Bombay during the month of December.
- Successfully completed 3 training programs on GIS in association with ISRO and IIRS and 3 more programs are currently running.

Library and information center



- A fully digitalized most modern Library having 71918 volume of books, 267 national and international journals and 10000 online journals available with state -of -the art facilities with 65 computers.
- Under the guidance of Dr. George Issac, Principal, Mr. Anoob Jose, Asst. Professor, Mechanical Engineering, Mr. Sino Varghese, Librarian, Students of B.Tech Mechanical Engineering “(Midhun Mohan C, Nithin Varghese, Nidhin Raphy and Samil Skaria) did a project in the library named “ **Design and assembly of Hoist type compact elevator for transportation of books in library environment**”
- Every year Library science students are coming from other universities to complete their P G Project based on FISAT library. This year around 3 students are doing their MLISc project based on our Central Library.
- Library orientation programmes are conducted for first year Engineering, MBA, MCA, students, to equip them with the efficient use of library resources.
- Being a modern library, we provide free professional training to two library science students from Rajagiri College Kalamassery in a year for a period of one month. Library extent training for a period of one year for a few library science graduates during which, they are given a monthly stipend also. During this academic year, four library science graduates were given training in the library.
- At the end of the semester, the transaction made by a student/Staff with the library will be scrutinized and the best user of the library will be awarded every year.
- Every year library conducts a book exhibition in association with renowned publishers. This year around 10000 books were displayed from 7th November to 11th November 2017.
- Eight Departmental Libraries were set up

Departmental Activities

DEPARTMENT OF CIVIL ENGINEERING



Major activities

- The department also conducted the project expo “AAVISHKAR” on 21st April 2017 to showcase the projects of final year students.
- ACE, the department of Civil Engineering conducted a two day Build Expo “NIRMAN” on 31st March and 1st April 2017.
- The department of Civil Engineering conducted a two National Conference on Structural Engineering and Construction Management (SECON) on 3rd and 4th March 2017.
- Association of Department of CE conducted a one day invited talk on “Black Spot identification” by Mr. Abin Sam. Scientist, NATPAC on 25th September 2017 for students of seventh semester.
- The ICI students chapter conducted a one day workshop on “Building Planning” by Mr. Johny Kaitharth, Architect, SOL IDS, Kochi on 9th October 2017-11-21

Other Achievements /Activities

- Ms. Nidhi M was awarded Ph.D on 2nd March 2017 from NIT,Calicut.
- Ms. Nincy Jose received mentor certificate from NPTEL. She also received best score in the test conducted by NPTEL.

29 August 2016 >> Jnana Series Lecture on "Differential Global Positioning System for Efficient Land surveying"



Mr. P.Kalaivasan, Scientist-C, NATPAC, Thiruvananthapuram delivered an invited talk on “Differential Global Positioning System for Efficient Land Surveying” on 29 of August 2016. The basic concepts of GPS, the major difference of DGPS from GPS, the methodology, instruments used, use of DGPS effective demarcation of boundaries, utilisation of satellites in real time and various software in use were introduced by the speaker. He also interacted with the students and gave a brief introduction to Civil engineering and job opportunities available in industry with respect to various specializations and companies after successful completion of B.Tech course.

17 March 2017 >> Hands on Workshop on "Structural Steel Detailing using TEKLA"



Association of

31 March 2017-1 April 2017 >> Nirman 2k17



NIRMAN 2K17, the first Building Expo - outside the campus - was organised by the Department in association with Builders Association of India (BAI) Angamaly Centre. The expo was hosted at CSA Hall, Angamaly on 31 March and 1 April 2017 on the theme "Traditional Building materials and Green initiative" was inaugurated by Mr.Roji M John MLA. at CSA HALL Angamaly. P T Paulose Angamaly Block Panchayath president, Paul Mundadan- Chairman, Mr.P I Bose Treasurer, Dr George Issac- Principal, Dr. C Sheela- Vice Principal, Dr. Sunny Kuriakose Dean Student Affairs also participated in the function. There was a foot fall of 1500+ which included public, students and faculty members.

18 April 2017 >> Hands on Workshop on "Structural Modelling and Rendering using REVIT"



A one day hands on workshop on “Structural modelling and Rendering of Buildings” using the software Revit was conducted on 18 April 2017. The session was handled by Mr. Sijo Joseph, Ms. Nimmy and Mr. Sinso of CAAD CAMPUS, Aluva with support from Ms. Sethulakshmi, Mr.Rahul. The software, Revit, can be used for Building Information Modelling (BIM) and has many features including architectural design, MEP and structural engineering and construction management. The various aspects like designing, detailing, modelling and possibilities of virtual design and construction using Revit was explained during the session. Mr. Sinso explained how to make a 3D model from the plan of a multi storeyed building. 56 students attended the session.

20 April 2017 >> "Productivity in Construction Industry"



The Association of Civil Engineers (ACE) organized a Lecture on “Productivity in Construction Industry” for the final year students by Er. Biji Stephen, MD, Esthappan Infrastructures as part of the Jnana Lecture Series. He discussed the importance of productivity in the construction industry and how incompetency among workers, supervisors and engineers is affecting the companies and industry as a whole. He pointed out examples of some of the notable instances along with snapshots. He also mentioned mechanisation in the construction industry and how mechanisation would help improve the quality of the work and save valuable time and thereby cost.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Major activities

- CSE Department of FISAT conducted 30 workshops in different locations of Ernakulam, Alappuzha and Trichur District to promote new technologies of cashless transaction from Jan 2017 to Aug 2017. Federal bank, Ward members of different GrammaPanchayath, YMCAs, Various Arts of Sports Clubs of the localities, Libraries, Residents Associations, Different units of churches and Different Bank managers promoted this workshop to give awareness of digital transaction. CSE department took special efforts to promote the Mookkannoor Panchayath as cashless transaction digital village along with Federal Bank.



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- DR. ACHUTHSANKAR NAIR, Director Of Quality Assurance Kerala University Inaugurating National Seminar on 19th August 2016. Department of Computer Science Engineering and FISAT Free Software Cell hosted the function. The 2 day conference, covered Expert Talks and Workshops
- Development of a small museum of Computer related electronic equipments is progressing. This will be an added attraction to learn computer science in effective manner.

Other Achievements /Activities

1. CSE Dept signed MoU with Federal Bank to promote digitization activities in Mookkannoor village in the month of August 2017.
2. ACM Quiz competition was conducted on April 2017
3. Manthra 2017 – an exhibition of final year computer science students and celebration of 'CSE Day' was conducted in April 2017

CSE STUDENTS ACHIEVEMENTS

M G University Youth Festival Winners

- Sreelakshmi cC of s8 cse b secured a grade for bharathanatyam & folk dance
- Anjana radakrishnana of s6 cse a secured a grade for light music
- Nadish Shajahan & Mohammed Farhan K N of S8 CSE B won the National ethickal hacking contest , "HackQuest 2017" held at Kalinga park, TCS campus, Bhuvaneswar
- Mr. Adam Shamsudeen, Mr. Goutham Krishna V.S and Mr. Aqib Siraj of S8 CSE A have won first prize under the spot event contest category '**Hackathon**' conducted as part of TECHFEST-2017 of KSCSTE (Kerala State Council for Science, Technology and Environment) organized jointly by KSCSTE and APJ Abdul Kalam Technological University hosted by MA College of Engineering Kothamangalam.
- Mr. Adam Shamsudeen, Mr. Goutham Krishna V.S and Mr. Jiss Raphel of S8 CSE A are awarded second prize in BEST IT TEAM competition held in connection with 'Laqshya 5.0', an inter-collegiate management fest, conducted by Naipunya Institute of Management and Information Technology
- Mr. Mufeed Patel achieved Third prize in the Innovation Challenge'17 event conducted as part of DRISHTI'17 -the technical fest of College of Engineering, Trivandrum.
- Mr. Mufeed Patel of S4 CSE B has won third prize under the spot event contest category '**Maker Summit**' conducted as part of TECHFEST-2017 of KSCSTE (Kerala State Council for Science, Technology and Environment) organized jointly by KSCSTE and APJ Abdul Kalam Technological University hosted by MA College of Engineering Kothamangalam.
- Mr. Jiyadh K Salim and Gokul Babu of S2 CSE A have won first prize in PENTATHLON event conducted as part of DRISHTI'17 -the technical fest of College of Engineering, Trivandrum.
- Mr. Sreedhar P K and Nadish shajahan of S7 CSE B have won second prize in CODE XTREME ,event of PALMARIUS, National level technical fest organized by Shrdaya College of Engineering and technology
- Ms. Nandini Menon of S2 CSE B has secured First position in team championship in Mixed Doubles, Second Position in team championship for women's team event, Second Position in team championship for women's Doubles event, Second Position in team championship for Youth Girls team event and Third Position in team championship for Youth Girls team event in the 46th inter district & 65th kerala state table Tennis championship 2016 held at kasargode from 9th to 13th november 2016

- Mr. Mahesh P of S6 CSE B has won the first place in the Inter engineering football tournament at ASIET kalady from 13 to 16 february 2017
- Mr. NOEL JOSEPH SAM OF S6 CSE B HAS SECURED FIRST PRIZE IN INDIAN MUSIC GROUP AT IN-BLM 2017 ,THE NATIONAL LEVEL INTER-COLLEGIATE/UNIVERSITY CULTURAL FEST OF CHRIST UNIVERSITY,BENGLURU
- Mr. NOEL JOSEPH SAM OF S6 CSE B HAS SECURED FIRST PRIZE IN MUSIC BAND COMPETITION ORGANIZED BY DE PAUL SCHOOL OF MEDIA & COMMUNICATION,ANGAMALY
- Mr.Adam Shamsudheen,Mr.Goutham Krishna,Mr.Aquib Siraj,Jiss Raphel,Mr.Jibn Mathew have secured first position in the event 'DENOVO' conducted as par f the National Level Techno-Managerial cultural fest,Conjura-17,at T.K.M College of Engineering Kollam
- Mr.Nadish Shajahan ,Mr.Mohammed Farhan K.N,Mr.Sreedhar P.K have participated in the Rajasthan IT Hackathon 2017 organized by Department of Information Technolgy & Communication,Government of Rajasthan
- Ms.Nandini Menon S3 cse Bhas won the KTU Table Tennis championship held at CET Trivandrum
- Visakh Ajith of S7 CSE B seleced as the facilitator for 'Google Applied CS with Android Program'
- Mr.Rohith Narayanan of S7 CSE B has won the Grand Prize in ACM Ambassadors program 2016-17 and a cash worth \$400.

Paper presentations

- Jyothish K John, Asst.Prof, CSE Dept has published an International SCI indexed journal paper in 2017

Ranks:

- M.Tech Computer Science and Information Systems: All students gained distinction score and top scorer is with CGPA 9.5 However KTU has not published ranks in M.Tech Programmes.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



Major activities

- Conducted one day Invited talk on "Power Electronics and the world of sinusoids" for final and pre final years of Btech and Mtech Students on 31/1/2017 by Dr. Vincent G. H. O.D. GEC Sreekrishnapuram.
- Conducted Project Expo "ILLUMINAR'17 to showcase the projects of final year students, April 2017.
- Conducted a Two-Day workshop on Arduino and Robotics for Prefinal year students on 3/4/2017 by Ms.Parvathy R.(H.O.D. EEE Dept.) and Mr. Muhammed Noufal.(Assistant Professor EEE Dept.)
- A Motivational talk on higher education for Second year students on 20-4-2017 by Mr. Vishnu Lona Jacob alumni of IIM Kozhikode,(carrier guide and a mentor).
- 3 day workshop was conducted on 15, 17 and 23 rd May 2017 for faculties by Ms.Parvathy R.(H.O.D. EEE Dept.) and Mr. Muhammed Noufal.(Assistant Professor EEE Dept.)
- "Meet the Department" a welcome ceremony for the first year students was conducted on 1/8/17 .
- Newsletter (STROM) Release and honouring of Reeshma Rameshan(alumni) All india Civil Service Rank holder was conducted on 23rd September 2017.
- Department of signed MoU with Telk Angamaly on 15th November 2017.

Faculty as Resource Person

- Parvathy R, HoD, EEE and Muhamed Noufal C(Asst.Professor) Conducted two day workshop on Arduino & Robotics for 3rd year BTech Students, April 2017.

Faculty Achievements; Online Courses:

- **Parvathy R, HoD, EEE;** Successfully completed online course on Python Data Structures conducted by Prof.Charles Severence of University of Michigan, March 2017.
- **Surya Natarajn, Asst.Professor;** Successfully completed 12 weeks NPTEL online course on Electrical Machines.
- **Veena Wilson, Asst.Professor;** Successfully completed 12 weeks NPTEL online course on Electrical Machines.
- **Muhamed Noufal C, Asst.Professor;** Successfully completed online course on Programming for Everybody conducted by Prof.Charles Severence of University of Michigan, January 2017.

Faculty Development Programmes

S.No	Name of Faculty	FDP Attended
1	Surumi Hassainar	"Mentoring and Counselling Skills for Psychological Change" Conducted by ICT academy of Kerala 28 th June to 30 th June, 2017
		Two week ISTE STTP on "Electric Power System" 10 th July to 15 th July, 2017
2	Sreeja E.A.	"Mentoring and Counselling Skills for Psychological Change" Conducted by ICT academy of Kerala 28 th June to 30 th June, 2017
		Two week ISTE STTP on "Electric Power System" conducted by IIT Kharagpur, 10 th June to 15 th July, 2017
3	Soumya Simon	Two week ISTE STTP on "Electric Power System" conducted by IIT Kharagpur, 10 th June to 15 th July, 2017
4	Soumya Simon	"Mentoring and Counselling Skills for Psychological Change" Conducted by ICT academy of Kerala 28 th June to 30 th June, 2017
5	Surya Natarajan	Two week ISTE STTP on "Electric Power System" conducted by IIT Kharagpur, 0 th June to 15 th July, 2017

Publications:

Sl.no:	Name of faculty	No: of Papers Published
1	Sreeja E.A.	1
2	Jyothi G K	1
3	Surumi Hassainar	1

Student Achievements

Sl.No:	Name of the Student	Class	Achievement
1	Dharshan N Sidharth S Menon P R Bastinson	S5 EEE	2 nd Runner up position in KTU intercollegiate volley ball tournament 2017 held at MACE, Kothamangalam on 13 th and 14 th November 2017
2	Akhila Shaji	S5 EEE	Successfully completed NPTEL online certification course in Corporate social responsibility with a consolidated score of 67%
3	Arun Gopan	S3 MTech	Successfully completed NPTEL online certification course on Power System Analysis

4	Ruveena Vincent	S3 MTech	Successfully completed NPTEL online certification course on Power System Analysis
5	Asha K	S3 MTech	Successfully completed NPTEL online certification course on Power System Analysis
6	Muhammed Sahadh	S3EEE	Team member, Won first prize in the Abhiraj memorial FISAT Trophy Football tournament
	Muhammed Sahadh	S3EEE	Won second prize and received Best Defender Award in the SAIGON7's Inter College Football Tournament 2017 held at MES College of Engineering & Technology, Kunnukara.
7	Abdul Saleel	S3EEE	Team member, Won first prize in the Abhiraj memorial FISAT Trophy Football tournament

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Faculty Achievements- Online Courses:

- 10 Faculty members successfully completed different online certification courses.

	Name of the faculty	Courses
1	Basil K Jeemon	NPTEL course on Estimation for wireless communication: MIMO, OFDM and Cellular Network
2	Christy Jose	NPTEL online course on Basic Electrical Engineering
3	Deepa N R	NPTEL online course on Basic electronics ❖ Ranked among top 5% of successful candidates in All India Level
		NPTEL online course on control engineering
		NPTEL course on Hardware modeling using verilog
4	Nimmy M Philip	NPTEL online course on Basic electronics
5	Sheelu Susan Mathews	NPTEL online course on Introduction to IOT Ranked among top 1% of successful candidates in All India Level
6	Ambili A R	NPTEL course on introduction to C programming conducted by IIT Kanpur
7	Subha Thomas	NPTEL course on introduction to C programming conducted by IIT Kanpur
8	Aiswariya Raj	Spoken tutorial course on LATEX conducted by IIT Bombay.
9	Basil K Jeemon	
10	Pearlsy P V	

Faculty Development Programmes

Sl.No:	Name of the Faculty	FDP attended
1	Benoy Abraham	an FDP on IOT, Deep learning & Machine learning at TCS Trivandrum.
		2 week ISTE STTP on CMOS, mixed signal and radio frequency VLSI design by IIT Kharagpur.
		2 week ISTE STTP on CMOS, mixed signal and radio frequency VLSI design by IIT Kharagpur.
2	Deepa N R	2 week ISTE STTP on CMOS, mixed signal and radio frequency VLSI design by IIT Kharagpur.
3	Christy Jose	
4	Nimmy M Philip	
5	Sheelu Susan Mathews	
6	Noble G	2 week ISTE STTP on CMOS, mixed signal and radio frequency VLSI design by IIT Kharagpur.

7	Neena K A	2 day FDP on Power Electronics and Embedded Coding conducted in association with PACE Electronics
8	Vinitha V	2 day FDP on Power Electronics and Embedded Coding conducted in association with PACE Electronics 2 week ISTE STTP on CMOS, mixed signal and radio frequency VLSI design by IIT Kharagpur
9	Nimmy M Philip	Foundation Program in ICT for Education(FDP101x) and Pedagogy for Online and Blended Teaching Learning Process(FDP201x) conducted by IIT Bombay.
10	Deepa N R	
11	Christy Jose	
12	Nisha R	
13	Noble G	FDP on Mentoring & Counselling Skill for Psychological Change conducted by ICT academy of Kerala

FDPs organized by Faculty

Sl.No:	Name of the Faculty	FDP organized
1	Anoop E G	Foundation Program in ICT for Education(FDP101x) and Pedagogy for Online and Blended Teaching Learning Process(FDP201x) conducted by IIT Bombay. 2 week ISTE STTP on CMOS, mixed signal and radio frequency VLSI design by IIT Kharagpur.
2	Deepa N R	2 day FDP on Power Electronics and Embedded Coding conducted in association with PACE Electronics
3	Nimmy M Philip	

Publications:

Sl.no:	Name of faculty	No: of Papers Published
1	Basil K Jeemon and Dhanya S	2 (IEEE International Conference)
2	Aiswariya Raj and Gayathri I K	2(IEEE International Conference)
3	Mini P R and Dr Anil Kumar M N	2 (IEEE International Conference)
4	Neena K A	1
5	Pearlsy P V	1
6	Subha Thomas	2
7	MinuKuriakose	2
8	Vinitha.V	1

Student Achievements

Sl.No:	Name of the Student	Class	Achievement
1	Anushka Mary Jose	S3 ECE A	Completed NPTEL online course on Fiber Optics (January 2017 to march 2017) conducted by IIT Roorkee with certificate.
2	Adithyaraj S & Antony Varghese	S7 ECE A	Won 1st prize in E- yantra Robotics competition held by IIT Bombay
3	Rohan C S	S7 ECE B	Won 2nd prize in State level Quiz Competition, St. Thomas College Thrissur,
4	Rohan C S, Hrishikesh Dileep, and Rahul K V	S7 ECE B	Won Third Prize in Arduino Playground competition CET, Trivandrum
5	Ranjith Prasad	S7 ECEB	Won First Prize in inter college Maths Quiz, ToCH, Kerala Mathematical Association. Won second prize in Intercollege Maths Quiz, K E College Mannanam
6	Sreevishnu D	S7 ECEB	Won second prize in Innovation challenge , CET Won third prize in Maker Summit, MA College.
7	Akash P Nambiar	S7 ECE A	Won First Prize in Best Manager, RIT Won Second Prize in Best Manager, VJCET Best Idea Presentation Award CET
8	Aiswarya S Baiju	S7 ECE A	Won First Prize in Poster Presentation IEEE Asia -Pacific Region Competition, R10SYWLC, Bangalore
9	Aravind K Jayan	S5 ECE A	Won First Prize in Hackathon, IIT Madras Won First Prize in Triads, SCET Thrissur

Placements

S.No	Name	Class	Company
1	Aswathy N	S7 ECE A	Placed in TCS EIS and IOT
2	BineshaShibu	S7 ECE A	
3	Della Susan Jose	S7 ECE A	
4	Roslin S	S7 ECE B	
5	Malavika M Menon	S7 ECE B	
6	Lakshmi Pillai	S7 ECE B	
7	Renju Mathew	S7 ECE B	
8	AnandSreekanth	S7 ECE B	Placed in TCS (IT)
9	Renjith K	S7 ECE B	
10	Silka Minni	S7 ECE B	
11	GouriPriyaJyothi L	S7 ECE A	
12	AcsaAvinashKuar	S7 ECE A	
13	AiswaryaSasidharan	S7 ECE A	
14	Adityaraj S	S7 ECE A	
15	AdithiNambiar	S7 ECE A	
16	Aiswarya S Baiju	S7 ECE A	
17	Gopika S	S7 ECE A	
18	Vinayak T	S7 ECE B	
19	Swetha P	S7 ECE B	
20	Rohan C S	S7 ECE B	
21	Maria Baby	S7 ECE B	
22	HrishikeshDileep	S7 ECE B	
23	Sreevishnu D	S7 ECE B	
24	GopikaThottekkatvariya	S7 ECE A	
25	Rahul K V	S7 ECE B	VVDN

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION



Major Activities

- **TECHATHON:** The department of Electronics and Instrumentation had successfully conducted a program named “TECHATHON”, INSTRA International Quiz competition in-order to make the propaganda about the importance of Instrumentation department among school students. This program is conducted as two phases. The first phase and second phase of the program was conducted during the month of Dec’2016 and April’17 respectively. The quiz was arranged for the higher secondary students all over Kerala as well as Middle East as the first phase of the program.
- The quiz was conducted by the students of our department itself, for Kerala region. The students of department approached 25 schools for conducting INSTRA quiz in the school campus itself. The total number of students who have attended the program was about 2000. The FISAT students were trained by the staff in the department for conducting the quiz. A power point presentation was prepared by the department, for the schools as a part of promotion of the department. The questions and answer keys were prepared by a team of staff in the department itself and OMR answer sheets were given for marking the answers.
- The total number of participation in the second phase (Final Quiz and workshops) at the college premises were around 50 students out-off 70 students who have qualified to attend second phase. The second phase of the program comprised of Workshops, Final Quiz Competition, Paper Presentation etc.,
- **INTERACTION WITH OLD STUDENTS:** The department of Electronics and Instrumentation had arranged a session for interaction between the final year students with prominent alumni of our department Mr. Hariprasad graduated in the year 2013. He is presently working as an engineer in Merchant Navy. He has shared his experience in the field of Instrumentation to the pre-final and final year students of our department.
- **MOTIVATIONAL TALK & WORKSHOP:** The department of Electronics and Instrumentation had arranged a motivational talk to first year students by Mr. Sarath and Mr. Ijaz of S7EIE. In continuation, students of first year got the exposure in the software named “TINKER CAD” to simulate their electronic circuits.

EIE Workshop on LabView



A three day Faculty development program was conducted on Advanced LabVIEW applications and Programming on BeagleBone Black by the department of Electronics and Instrumentation on 11th ,12th, and 15th July 2016. The FDP was inaugurated by Er.Baby Sebastian, Division head , Avionics, VSSC and presided by Mr. Paul Mundadan, Chairman, FISAT Governing body. Industrial experts like Er.Baby Sebastian, Er.Deepu Jacob,(certified LabVIEW programmer) Captronics systems, Er.Vigneswaran, Trident TechLab (Field engineer Texas Instruments) took classes in different sessions. More than 30 faculties from various engineering colleges attended the FDP. The FDP was coordinated by Mr. Shinto Sebastian and Mrs.Sreevidya P

ACHIEVEMENTS

- a) The department of Electronics and Instrumentation received a fund of Rs. 13,000/- from KSCSTE (Kerala State Council for Science, Technology & Environment) to carry over research in the field of “MODULAR VERTICAL FARM” and “EGG CANDLING DEVICE”.
- b) The department of Electronics and Instrumentation is authorized to do the project named “KURTC- BUS SCHEDULE DISPLAY SYSTEM” from CIAL (Cochin International Airport).

Faculty Achievements

- a) Mrs. Honey Devassy, Assistant Professor, of our department successfully completed the course in Control Engineering conducted by NPTEL with consolidated score of 87% and is in top 2% of certified candidates.
- b) Ms. Lakshmi Nandakumar , Assistant Professor, successfully mentored 14 students from S7EIE to complete the course in “Internet of Things”. All the 14 students got placed in the “ELITE” category(I Class).
- c) Mrs. Sreevidya P, Assistant Professor (Senior Grade), of our department successfully mentored 3 students from S7EIE to complete the course in “Control Systems”.

Students Achievements:

- a) The students of S7EIE have participated and selected to the pre-final round of “NIYANTHRA” national level competition for LABVIEW projects conducted by NATIONAL INSTRUMENTS.
- b) Mr. George, Mr. Sarath of S7EIE have promoted to the second round in the technical competition named MYGOV-TT(Texas Instruments) and which was evaluated by IISC Bangalore.
- c) Mr. Joseph and Mr. Arun Kumar, s7EIE have participated in the national level competition of QUEST GLOBAL.
- d) Mr. Vijay Rajeev, S7EIE, Made 3D design in AUTOCAD and the design were selected as their featured design for website.
- e) Mr. Vijay Rajeev and Co, S7 EIE, – Selected to the 3rd round of Texas Instruments design challenge.
- f) Mr, Sudeer T M , S7 EIE, have participated and organized many IEEE events.
- g) Mr. Basil Thariath, Mr.Kiran Paul, S7 EIE ,– Secured first position in Band Competition at M.G University and Christ college, Bangalore
- h) Mr. Akash Anil, S1 EIE, has won gold medal in **National Kickbox championship**, under 71kg category conducted by world association for kickboxing organization(WAKO) held at Raipur, Chathisgarh.
- i) Mr. Vivek K V, S5 EIE – Participated in KTU Volleyball Tournament, Semifinalist
- j) Mr.Sreehari, Mr.Akash Tommy, Ms.Haritha Ravichandran S5 EIE - Attended a Astronomy seminar @FISAT

Conference and Publication of Faculty

S.No	Title of the Paper	Conference/ Jounal
1.	Speed control of brushless dc motor using neural network by Mr.S.Sundararajan	National symposium on Antennas, Signal processing and interdisciplinary research in Electronics(ASPIRE)- Muslim Association college of Engineering.
2.	Survey on Brain tumor deection and segmentation techniques on MRI images By Mrs. Sreevidya P	International Journal of Innovative Science and Research Technology ISSN No:-2456-2165

3.	An Optimized approach for SVM based Brain tumor segmentation of MRI images by Mrs, Sreevidya P	Journal of Advanced research in Dynamical and Control System ISSN 1943-023X Vol.9, NO.8, 2017
4.	DTCWT with Fuzzy based thresholding for despeckling of ultrasound images by Mrs. Sreevidya P	IEEE sponsored International Conference on Intelligent Computing, Instrumentation and Control Technologies @ Vimal Jyothi College of Engineering
5.	A Noval Approach in air conditioning using electro caloric effect by Mrs. Beenu Riju	National symposium on Antennas, Signal processing and interdisciplinary research in Electronics(ASPIRE)- Muslim Association college of Engineering.
6.	Reaction separation interaction on the control of ideal two-feed, two-product exothermic reactive distillation columns by Mr.Anish Mathew	Canadian Journal of Chemical Engineering. 95(2),331-342

DEPARTMENT OF MECHANICAL ENGINEERING



Charles T. Main Student Leadership Award 2017; Our student Mr. Jithu Paulose bagged a Silver Medal in the Charles T Student Leadership Award. This award is given to undergraduate ASME Student Members for a model leadership and service qualities. The award included \$2000, and a silver medal was presented to Mr. Jithu Paulose during the ASME Annual Conference conducted at Florida in November 2017.

DIVYANGJAN Award; Our student Shri. Krishnakumar P. Nair bagged DIVYANGJAN Award for his outstanding performance as the most efficient self employed person in the category of multiple disabilities. He received the award from The President of India Shri Pranab Mukherjee.

Continuing Education Programme : ASME FISAT Chapter in association with SP Jain School of Global Management hosted a continuing education programme for the final year B.Tech. Students from all specializations on 31 October 2017. SP Jain school is one of the pioneers in Management studies had visited the campus for awareness programme and a held a preliminary round for the Student Ambassador Programme. Eight students from Mechanical Engineering stream and two from Electronics and Communication Engineering stream were shortlisted for the final round which was held on 2 November 2017.

Entrepreneurship Summit - IIT Bombay : Our student Mr. Jithu Paulose attended an Entrepreneurship Summit conducted by the Entrepreneurship Cell , IIT Bombay which was held at IIT Bombay on 27,28 January 2017. He represented FISAT and made commendable performance for the event.

Talk on Career Opportunities with the Indian Navy : ASME FISAT Chapter had arranged a forum on Career Opportunities with Indian Navy for undergraduate engineers on 18 November 2017. The resource person for the session was Captain Rajesh from the Naval Institute of Aeronautical Technology, Kochi. The session enlightened the students with various opportunities with the defence sector as well as the formal procedures for applying to various posts.

Industrial Visit to Fab-Lab, Kochi : The Department of Mechanical Engineering took initiative to arrange a one-day visit to Fab-Lab facility in Kochi on 25 January 2017. A team of 40 fourth year students along with Mr. Midhun Paul visited the Fab-Lab as part of the ASME - Industrial visit. Many equipments like 3-D plotter, 3-D Printer, Laser Cutter, Vinyl cutters were unveiled to the students. Mr. Jithu Paulose, and Mr. Sourabh Aryakkate were the co-ordinators for the visit.

Discourse on 'Liberation through Education : An invited talk was organised by The Department of Mechanical Engineering on the topic of Liberation through Education. The talk was held on 17 February 2017 and Dr. Sathish Kailas, Professor of Mechanical Engineering, IISc Bangalore was the resource person. The talk saw participation from various colleges in an around Ernakulam. The talk was a memorable experience as it succeeded to address the topic of Liberation through Education.

One Month Workshop on ANSYS : Mr. Renjith. R. Faculty of Department of Mechanical Engineering conducted a one month workshop on Introduction to Finite Element Analysis using

ANSYS in our college. The workshop was aimed at the Final Year students and gave them a hands on experience on various technical aspects of Finite Element Analysis.

Project Presentation at ASME Annual Conference: Ten of our students were selected for presenting their project papers at the ASME Annual Conference held at Florida US in November 2017.

Results : We had achieved a commendable position in the University Examinations 2017 conducted by M.G. University.

Semester	Pass Percentage
S2	74.50
S4	70
S6	83
S8	86



Faculty Development Programme by Mechanical Dept

Department of Mechanical Engineering in association with Institution of Engineers held a three day faculty development programme on "Challenges and Opportunities in Research" from 8-10 June 2016. Mr. P I Bose, Treasurer, FISAT Governing body inaugurated the programme.

Dr. George Issac, Principal presided. Dr. G Madhu, Principal, CUSAT School of Engineering delivered the keynote address. Dr. A Suresh A Kartha, IIT, Gauhati, Dr. Sunny Kuriakose, Dr. K S M Panicker, Dr. Jose K Cherian and Mr. C R Rejeesh spoke on the occasion.

DEPARTMENT OF SCIENCE AND HUMANITIES



- The Annual event of Rolling Stone , “ Rain Scapes” was conducted on 24-3-2017. Mr. Jayaram Sheshadri, Chief sub editor of The New Indian Express, Chennai was the Chief Guest. Students who participated in Inter collegiate Fests were felicitated. Sooraj Jaya chandran (S7Mec) and Devika Menon (S7 EC) bagged the Maria Philip Memorial Ever Rolling Trophy. Prizes and Certificates were given to the winners in different competitions.
- Rolling Stone released the Manuscript magazine of the year “Imprints “which was a compendium of creative writing by students and staff, teaching and nonteaching. Chairman, Sri Paul Mundadan released it and handed it over to the Principal and Chief Guest.
- “December Dews, a book of poems published by Dr. Molly Joseph was released, by Sri Jairam Sheshadri at the function.
- During the academic year starting in June –July, Rolling Stone conducted its Toastmaster’s sessions regularly On Tuesdays and Thursdays; evening 4.30 to 5.45.pm. Special transportation was arranged for student day -scholars who attended the session. In Toaster Masters Sessions, student themselves monitored the talks, giving initiation to the new students who had registered for membership. The teacher in charge, Dr. Molly Joseph, supervised and guided their activities.
- Rolling stone conducted a series of Book Talks in association with Book Exhibition held in Fisat Library and Information Centre. It lasted three days, during the noon break session, since regular classes were not meant to be affected. Not only students, but the Principal, and staff (teaching and non teaching), gave Book talk and spoke on the favourite book they read.
- It was a much appreciated session and fostered book reading habits in students. Rolling Stone plans to institute P.V Mathew Memorial Ever Rolling Trophy and to organize an Inter Collegiate Elocution competition in honour of our late Sri. Chairman, Advocate PV Mathew who was an ardent supporter of Rolling Stone
- **ACHIEVEMENT;** Mathematics Quiz Team won different All Kerala Inter-collegiate Mathematics Quiz Competitions in the academic 2016-2017 Team members : Renjith Prasad, Rohan C.S. and Lakshmi S. Pillai (S6 EC-B) Team Co-ordinator : Shinoy George, Asst. Professor in Mathematics. The following were positions in various competitions.

SL. NO.	Venue	Position
1.	St. Xavier's College , Aluva	First Prize
2.	Toc H Institute of Science & Technology, Arakkunnam	First Prize
3.	St. Thomas College, Thrissur	Second Prize
4.	K.E. College, Mannanam	Third Prize
5.	St. Albert's College, Ernakulam	Third Prize
6.	Newman College, Thodupuzha	Fourth Prize
7.	Rajagiri Engineering College, Kakkanad	Fourth Prize
8.	Ettumanoorappan College, Ettumanoor	Fourth Prize
9.	Secret Heart College, Thevara	Fifth Prize

Renjith Prasad K (S7, EC-B) has participated in the “Summer School in Mathematics to the memory of Sarvadaman D.S.Chowla”(20 days Workshop) organized by Central University of Tamil Nadu, Thiruvavur during 11th-30th June, 2017.

FACULTY ACHIEVEMENTS

Dr. C. Sheela

- Delivered an invited lecture on August 7, 2016 for higher secondary school students at Vidyadhi Raja School and Manickmangalm school
- Talk on Women Empowerment at FISAT on September 18, 2016.
- Conducted a seminar for students on B + ve on September 21, 2016

Papers Published

- Shinoy George, Sushama C.M. and Ajalesh Balachandran Nair(2017), “*Efficiencies of Dipolymer Rubber Blends (EPDM\FKM) using Common Weight Data Envelopment Analysis*”, Materials Research, 20(6),pp. 1722-1728.[Science Citation Index(Expanded) and Scopus indexed Journal]

DEPARTMENT OF BUSINESS ADMINISTRATION (FISAT Business School)



Strategic Initiatives and International Visibility

- MOU with Hyogo University, Japan for student exchange, research and joint conferences.
- MOU with OUM, Malaysia for certification programmes, student exchange, MDP, research, joint conferences and twining programmes (students and business executives from Malaysia would come to FISAT for short term programmes)
- Seminar on Business in Global Environment - blending people, technology and ethical behaviour ,August, 2016
- Indo Japanese International Conference on Corporate Social Responsibility and Organizational Governance ,August , 2016
- Induction Training Programme for the KTU T1 students ,June, 2016
- Training Programme on MS Excel ,June 2016
- Placement Training Programme for S3 Students , December, 2016

Distinguished Corporate Professors @ FBS

- Mr. Joseph Thomas, Project Director- India, OUM
- Prof. Varghese Manaloor, University of Alberta, Canada
- Mr. Vinod Y R, CBO, Aster Medicity
- Prof. N Umeno, Hyogo University, Japan
- Mr. Govindan P, GM-Marketing, KTC Group
- Adv. Abdulla Malyekkal, Sec., CII Calicut
- Adv. Shyam Padman, Sr. Advocate, SCI
- Dr. Sabu Augustine, Head HR, Nitta Gelatin India Ltd
- Mr. Raman Gujral, EDI India Southern Regional Head

Student Achievements

Academic:

- University topper in Semester I Results, MG University
- University second position in Semester III Results, MG University
- Fourth position in KTU T1 results (the first two position colleges have only 11 and 24 students in total)

Management Fest and Competitions

- First prize in Operations Game ,First Prize in 3's Football & Third Prize in Marketing game at INFLORE conducted by Rajagiri Business School
- First Prize for "Angamaliyile Pradhanamathriyaya" contest conducted by Carnival Group, Angamaly

Judo Championship

- MBA students actively took part in organizing the Asian Judo Championship at Rajiv Gandhi Indore Stadium at Kochi, 2016

Social Programs done by Students

Touch a Heart

FISAT business school partnering with Moolans group conducted a program at Adlux, Karukutty. The company, as part of its 30 anniversary celebrations, had embarked on the second phase of 'Touch Heart' project where 60 children with heart ailments will be provided free surgery and treatment at Amrita Institute of Medical Sciences, Kochi (AIMS). This project was done by 30 students of FISAT Business School. They also conducted an awareness programme among 96 government aided schools in and around Angamaly.

A Survey of Geriatric Well Being in Mookannoor Panchayat

The survey conducted by the students of Fisat Business School was centered around the village of Mookannoor and its residents aged over 70 years. The intention was to look into the different problems that they faced not just in terms of health but also to enquire about their relationship with their families and other such things. The findings from the survey after analysis would be presented before the local administration (Panchayat) as a proposal to bring about a change in their lives.

Survey of Kudumbasree Establishments of Mookannoor Panchayat

In January 2016 the students of FBS conducted a survey to understand the problems faced by different Kudumbasree units in Mookannoor. Data was collected on their monthly income, age and educational qualifications etc to have an idea about the degree of success of their ventures and the problems they faced.

Programs attended by Students

K.P. Hormis Memorial Commemorative Lecture in February, 2016

Students of the MBA first semester attended the K.P. Hormis Memorial Commemorative Lecture, organised by the Federal Bank Hormis Memorial Foundation at Le Meridien Kochi. The lecture was delivered by the then RBI Governor, Dr. Raghuram Rajan.

6th Edition of the Times Interactive Talk

'The Times Interactive' organised by the Times of India in association with FISAT Business School on March 11, 2016 was a discussion on the 'Role of Leadership in Public Governance'. It was presented by Dr. Jacob Thomas, DGP, and CMD, Kerala Police Housing and Construction Corporation. Our students made their presence felt with their questions to the Speaker.

Faculty Achievements

International/National Awards and Recognitions

- Dr. George V Antony received the Asia Pacific Educationist of the Year in Asia for Revolutionary Contribution in Education Award by ASSOCHAM on December 15, 2016 at Taj Vivanta, Goa
- Dr. George V Antony received the prestigious Fellow of the Institute of Directors (IOD) award at IOD, New Delhi ,during Sept, 2016
- Mr. KrishnabaskarMangalasseri won the Kerala Panthirukalam award, Kerala SahithyaAkademi

Award of Ph.D.

- Dr. K.Sreekumar was awarded Ph.D in Management from CUSAT
- Dr. Jose Varghese was awarded Ph.D in Management from CUSAT

Ph.D. awaited

- Prof. Dhanya M Rajeev completed Ph.D defense and Viva-Voce (Statistics) at M.G.University and Ph.D notification awaited

Books Published

- A book titled "Organizational Behaviour –I" for KTU T1 authored by Prof.Prasanth P John & Dr.George V Antony.
- A book titled "Organizational Behaviour –II "for KTU T2 by Prof. Prasanth P John & Dr. George V Antony.

International Conference Presentation

- Employee Approach towards Social Engineering Information Security Threats in Indian Banks, **Dr. George V Antony**, Fourth International Conference on Contemporary Issues of Engineering, Management, Information Technology & Life Sciences at Siam Technology College, Thailand on 11-11-2016.

International Publications

- *Employee Awareness on Social Engineering Information Security Threats: The Indian Banking Context*, **George V. Antony**, INTERNATIONAL JOURNAL OF ENGINEERING AND MANAGEMENT RESEARCH, Volume 6-Issue-4 (July- August, 2016) ISSN: 2394-6962 (PRINT) ISSN: 2250-0758 (ONLINE); IMPACT FACTOR- 3.96
- *A critical review on Information security threats faced by Indian banks*: **George V. Antony**, INTERNATIONAL JOURNAL OF ADVANCE RESEARCH IN COMPUTER SCIENCE AND MANAGEMENT STUDIES Volume 4-Issue-9 (Sept, 2016) ISSN: 2347-1778 (PRINT) ISSN: 2321-7782 (ONLINE); IMPACT FACTOR- 6.047

International Conference Proceedings

- Proceedings of Fourth International Conference on Contemporary Issues of Engineering, Management, Information Technology & Life Sciences **George V. Antony**, ISBN No. 978-81-90917-7-7

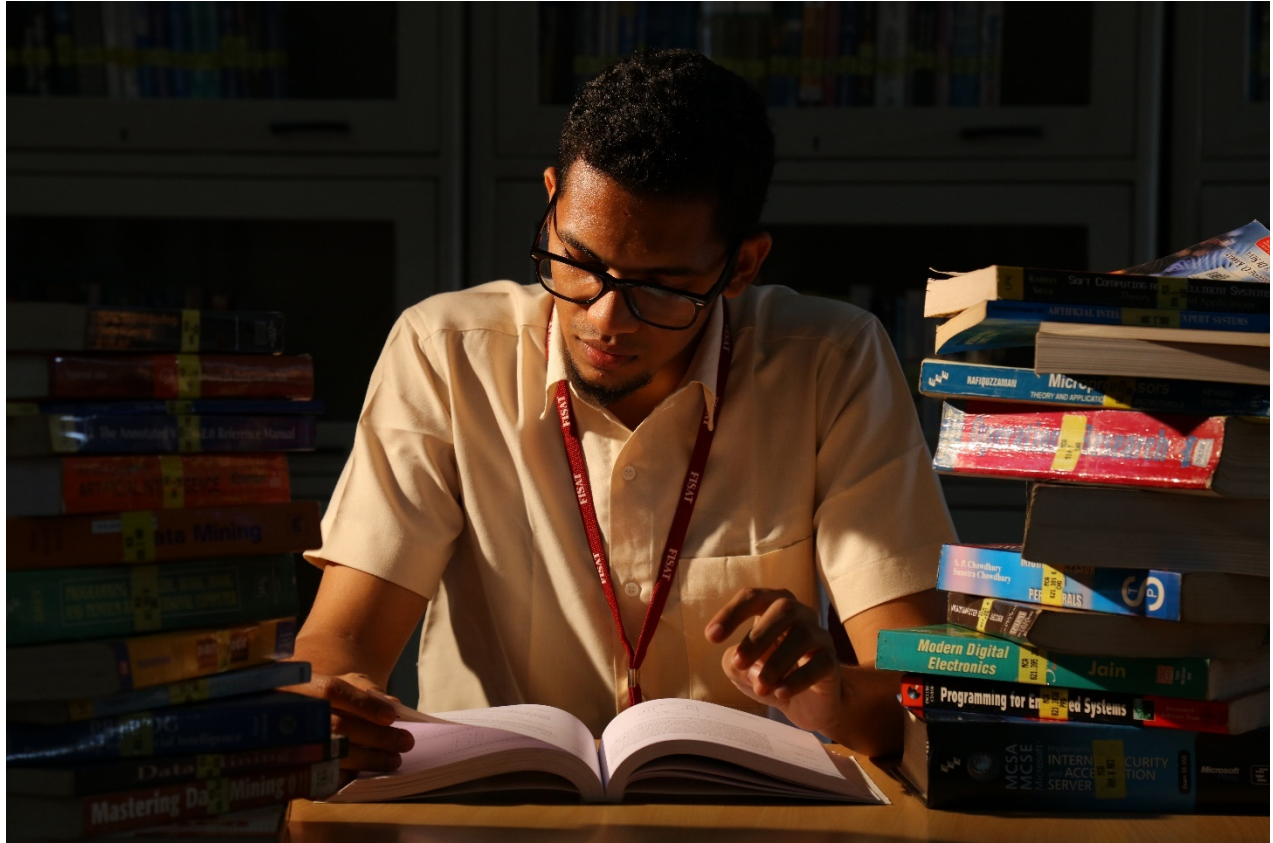
Trainer/Resource Person for APJ Abdul Kalam University MDP

- **Dr. George V. Antony** was the trainer /resource person for the I2P Makers Workshop of the APJ Abdul Kalam University, Trivandrum held at FISAT from October 5-7, 2016.
- **Dr. George V. Antony** was the trainer (resource person) for the Makers Workshop organised by FISAT during July 2016.

STUDENTS' ACHIEVEMENTS

- 84 students out of 120 are placed so far with the current batch

DEPARTMENT OF COMPUTER APPLICATIONS (MCA)



EVENTS ORGANIZED

- **Algorhythm 2K17-** AlgoRhythm 2K17 was a two day Techno-Cultural Fest aimed to promote the technical and cultural talents of MCA students. The fest was inaugurated by Mr.Paul Mundadan, Chairman, FISAT Governing body. AlgoRhythm 2k17 included a Quiz Competition – Arivinte Uravidam, a logo Competition , Uppilitta Logo & invited talk on “Internet of Things” by Dr.G.Santhosh Kumar ,Asst. Prof. Department of Computer Science , CUSAT. The second day of AlgoRhythm 2k17 was exclusively for promoting cultural talents of MCA students. The valedictory function was held on Saturday, 14th January in the afternoon. Ms. Nisha.P John Asst.Prof. Dept of MCA, welcomed the gathering. Mr. P.I Bose, Tresurer FBOAES, delivered inaugural address. The faculty and students of MCA department worked in unison steadfastly with aim of making AlgoRhythm 2k17 a reality. Student volunteers worked tirelessly despite of their tough academic schedule and contributed selflessly. The Staff Coordinator of AlgoRhythm, Ms. Senu Abi expressed her gratitude during the valedictory function to all who have worked hard to make the event a grand success.

Workshops organized

- Workshop on Mobile Computing on 11th and 12th January 2017(FDP).
- Workshop on Machine Learning on 12th January 2017(FDP)
- Workshop on Hardware Description Language , 8th march 2017.
- Workshop on Android digital enterprise on 10th May 2017, TCS Cochin
- Workshop on Wireshark on 23rd November 2017

Seminars

- Seminar on Big data analytics , 10th May 2017, TCS Cochin
- Organized seminar on “raspberry pi and Arduino” for KTU MCA first semester students on 16th November 2017. Mr. Pakaj Kumar G, Asst. Professor, Department of Computer Science and engineering.
- Seminar on IEEE explorer-how to use on 26th October 2017, Mr. T S Nandalal was resource person.
- Seminar on Wireshark on 23rd November 2017

Project exhibition

- S3 MCA Lateral students exhibited their mini projects on 22nd November 2017 at MCA seminar hall. Students from department of computer applications visited the exhibition stall and viewed the projects

ACHIEVEMENTS

- In association with Opentrends, Barcelona (Spanish company), department started a joint venture program. They are providing internship to our final year students. At the end of the internship, eligible will be securing the placement in Opentrends.
- Department of Computer Applications signed a Memorandum of Understanding (MoU) with Opentrends, Barcelona on 21st Noemembr 2017.
- First batch KTU students won good result in MCA degree examinations.

PLACEMENT

- For 2016-17 academic year- MCA Regular 2014 and MCA Lateral 2015 batches- achieved good placement records. More than 35 placement offers achieved by our students in reputed IT companies.
- This year department conducted an intensive placement training (14 days) program for final year students. We scheduled training programs of two consultancies- Mpower and Pragmatrix.

STAFF ACHIEVEMENTS

- Mr. Santhosh Kottam won FISAT best teacher award for the year 2017.
- Mrs. Rose Mary Mathew won Elite + Gold medal certificate in NPTEL online Certification. Subject: Introduction to R Software.
- Two faculty members completed Ph.D course work in Computer Science from M G University.

STUDENTS ACIEVEMENTS

- Disney Devassy and Anishma .S . Kumar of S3 MCA (Regular) won the P.V Mathew Memorial Trophy for Inter-Department Mathematics Quiz Competition organized by the Maths Club of Fisat on 7th November 2017.
- The students of MCA Department participated in the Inter collegiate IT Fest ZENORIX organized by the Department of Computer Science ,Naipunnya Institute of Management and Information Technology ,Pongam on 28th and 29th October 2017 and won the First prize for Treasure Hunt
- The students of MCA Department participated in the Inter collegiate IT Fest ZENORIX organized by SaintGits on 9th and 10th November 2017 and won the first Prize for Project presentation and Second Prize for Best Gang Event.
- The students of S3 MCA Participated in the IT fest Detecknista 17' held on 7th & 8th February 2017 at Depaul Institute of Science and & Technology , Angamaly& won the First Prize in word Hunt
- The students of S5 MCA Participated in the National level IT fest Fenstra 17' held on 10th February 2017 at ST.Joseph's College of Engineering & Technology , Pala & won the first prize in Robo Art Modelling and the Second Prize in Best Project

RANKS

- Mr. Adarsh Kadameri, MCA Lateral 2014 batch secured third rank in M G University 2016-2017 MCA degree examination

PAPER PRESENTATION

- National conference - 1
- International Journal - 2

ADD-ON COURSE ON ADVANCED JAVA PROGRAMMING

- MCA department has conducted an Add-on course on “Advanced Java Programming” for MCA2016 batch students from 03/07/2017 to 12/07/2017. The resource person was Mr Pankaj Kumar G ,Asst. Professor cum System Analyst & Software Engineer, CSE Department, FISAT. Training has been given on the topics such as Java Version 8, Atom editor, Eclipse IDE, Apache Tomcat Web server, and Postgres DB. Around 12 Project groups , each consisting s of 3 students, were formed to implement the concepts that they have learned during the course. A total of 45 students of MCA2016 Batch have participated in the Add-on course.

SOCIAL OUTREACH PROGRAMMES

- The students of S5 MCA(Regular) 2014-17 batch conducted a social visit on the 8th of December,2016 to the Govt. Tribal School, Pinavoorkoodi near Kothamangalam. The students were accompanied with three staff members of MCA department.
- The students of S4 MCA -2014 Batch along with faculty members conducted a social visit on 21st December 2016 to Akashaparavakal ,Divyahrudayashram, Chennaipara where 60 tribal students studied with very limited resources. Students organized events for encouraging the inmates.
- S3MCA (LE - 2016) students along with faculty members of MCA department visited Smiling Village, Vettikuzhi, Thrissur on 27th October 2017. Entertained the inmates of Smiling Village by organizing different activities and games. Handed over a handsome amount to the authorities of the institute for the betterment of the inmates there.

MCA REGULAR & LATERAL PROGRAMMES INDUCTION MEET-2017

- An Induction ceremony for the 12th batch of MCA Regular Programme and 4th batch of MCA Lateral programme were conducted on 1st August 2017. Both parents and the students were invited to the function. All the dignitaries were welcomed by the principal Dr. George Issac after which Mr. Antony was called upon to deliver the Presidential Address.
- The Induction Ceremony was thereby inaugurated by Mr. Paul Mundadan, Chairman FISAT who also delivered the Inaugural Address. The gathering was felicitated by Mr. Abdul Nazar M P Associate Secretary, FBOAES - Dr. C Sheela Vice Principal, FISAT, PTA President – K P Baby. The distinguished dignitaries spoke about always being perpetually curious, spending quality time in fine tuning our skills and building a strong social and academic foundation thus carving out a successful future.
- The official meeting concluded with Mr. Santhosh Kottam, HOD of MCA Department, delivering the Vote of Thanks thus expressing his whole-hearted gratitude to all the dignitaries, students, teaching and the non-teaching staff. The afternoon session included an short seminar on the MCA regular Programme after which the students and parents were served lunch and duly dispersed.

ORIENTATION PROGRAMME-KTU BATCHES

- Organized orientation programme for KTU first year regular and lateral batch students on 8th, 9th, 11th and 18th August 2017. Mr. Chandramohan Nair, Mr. Sino Varghes, Prof. Molly Joseph were resource persons of the programme.

FAREWELL FOR FINAL YEAR STUDENTS

- Farewell for MCA 2014 Batch and MCA lateral 2015 batch were conducted on 25th October 2017. The Chairman of FISAT, Mr. Paul Mundadan Presided over the function. He shared a very Thoughtful Farewell Message. Chairman advised the students to cherish their memories in the campus and taught them that these memories that the students carry will certainly help them to cheer up in life. Principal of FISAT, Dr. George Issac gave a beautiful Farewell message.

SPORTS & GAMES



STUDENT ACHIEVEMENTS

SL NO	NAME	ACHIEVEMENT	LEVEL OF TOURNAMENT
01	Nandini Menon	Gold medalist	<ul style="list-style-type: none"> Dr APJ Abdul Kalam Technological University Tabletennis Tournament 2016-17 Dr APJ Abdul Kalam Technological University Tabletennis Tournament 2017-18
02	Hajira Althaf	Team member	<ul style="list-style-type: none"> Dr APJ Abdul Kalam Technological University Volleyball team
03	Rosemol wilson	Team member	<ul style="list-style-type: none"> Dr APJ Abdul Kalam Technological University Volleyball team
04	Riya Mary Thomas	Team member	<ul style="list-style-type: none"> Dr APJ Abdul Kalam Technological University Volleyball team
05	Thanveer Ahmed	Team member	<ul style="list-style-type: none"> MG university Tabletennis team member participated in SZ interuniversity Tabletennis Tournament held at Anna Univerty ,Chennai 2016-17
06	Vignesh R	Team member	<ul style="list-style-type: none"> MG university Tabletennis team member participated in SZ interuniversity Tabletennis Tournament held at Anna Univerty ,Chennai 2016-17
07	FISAT Cricket team	Third position	<ul style="list-style-type: none"> Dr APJ Abdul Kalam Technological University Zone D
08	FISAT Football team	Winners	<ul style="list-style-type: none"> All kerala inter collegiate Foot ball tournament Adishankara cup2017
09	FISAT Foot ball team	Runner Up	<ul style="list-style-type: none"> All kerala inter collegiate Foot ball tournament at MES Kunnukara 2017
10	FISAT Volleyball	Runner Up	<ul style="list-style-type: none"> Dr APJ Abdul Kalam Technological University D Zone for Women 2016-17
11	FISAT Volleyball	Runner Up	<ul style="list-style-type: none"> Dr APJ Abdul Kalam Technological University intercollegiate Volleyball Tournament for Women 2016-17
10	FISAT Volleyball	Runner Up	<ul style="list-style-type: none"> Dr APJ Abdul Kalam Technological University D Zone for Women 2017-18

Tournaments Hosted by the Department of Physical Education

SL NO	TOURNAMENT
1	<ul style="list-style-type: none">• Dr APJ Abdul Kalam Technological University Table tennis Tournament 2016-17 Zone D (men & Women)
2	<ul style="list-style-type: none">• Dr APJ Abdul Kalam Technological University Table tennis Tournament 2017-18 Zone D (men & Women)
3	<ul style="list-style-type: none">• FISAT Trophy – All kerala Intercollegiate Cricket Tournament 2017
4	<ul style="list-style-type: none">• FISAT Trophy – All kerala Intercollegiate Football Tournament 2017

Faculty Development programs attended

SI No	Name	Programme
01	Arun S	“Multivariate Data Analysis “ organised by KSTE at GEC Thrissur
02	Amal Dev T S	Attended FIFA – D license camp organised by Reliance Youth Football Foundation

Technical Duties conducted for Tournaments

SI No	Name	Position Held	Tournament
01	Arun S	Referee	Senior national Judo Championships 2016-17
02	Arun S	Tournament Director	Kerala state Judo Championships 2016-17
03	Arun S	Team selector	MG University Judo Team
04	Arun S	Team selector	Sree Sankaracharya Sanskrit University Judo Team

MAJOR HIGHLIGHTS DURING 2016-2017



FISAT TWENTY20 WINNERS

KMEA bagged the FISAT TWENTY20 CUP

KMEA Engineering College has bagged the FISAT TWENTY20 CUP held in the FISAT Ground on 10.4.2017. Mr. P I Bose Treasurer FISAT Governing body given away the Trophy Dr. George Issac-Principal, Dr. George V Antony - Dean MBA, Arun S - Physical Education Head were also participated in the function

Other Activities

Institution Day



Chairman Paul Mundadan Speaks At 15th Institutional Day
23 SEPTEMBER 2016

In connection with FISAT 15th institutional day celebrations on 23rd September 2016, Mr Paul Mundadan, Chairman, inaugurated the festive day function. P I Bose, Treasurer, Dr. George Issac Principal, Dr. C Sheela vice Principal, Dr KSM Panicker Academic Director, Dr. Sunny Kuriakose Dean Student Affairs, Jose Chakkiyath PTA President, Abdul Nasser MP, K J Jojo, Xavier Gregory, Ajith Kumar Members of Management Committee took part in the function.

Sports Day



FISAT Sports Day 2016 was held on 18th March 2016. Mr Paul Mundadan, Chairman, FISAT Governing body hoisted the flag. Team captains handed over the games torch to the Chairman that marked the commencement of the day long athletic competitions. Mr. P I Bose, Treasurer, FISAT Governing body, Dr. George Issac, Principal and Mr. S Arun were present on the occasion.



College Magazine PRAYANAM 2016 released

College Magazine "Prayanam 2016" was released by Mr. Paul Mundadan, Chairman, FISAT Governing body on 21st June 2016. Mr. Anthony Johnson, Vice Chairman, Mr. P I Bose, Treasurer, Dr. George Issac, Principal, Dr. KSM Panicker, Director, Academics, Adv. Jose V Chakiyeth, President, PTA, Ms. Sajana Shamsudeen, Mr. P Anuranj and Mr. Kiran Kishan spoke on the occasion.



B. Tech Induction Ceremony 2016

The Induction ceremony of first year B. Tech batch - 2016 was held in the auditorium on 28th July 2016. Mr. Paul Mundadan, Chairman, FISAT Governing body presided over the meeting. Dr. George Issac, Principal welcomed the gathering. The occasion was more colourful with the announcement of launching "Federal Labz". an advisory centre for Start Ups, initiated jointly by FISAT and Federal Bank launch pad by Mr. K P Sunny, Additional General Manager, Federal Bank Launch pad. Mr. Anthony Johnson, Vice Chairman, Mr. P I Bose, Treasurer, Mr. M P Abdul Nazar, Associate Secretary, Dr. C Sheela, Vice Principal, Dr. K S M Panicker, Director, Academics, Dr. Sunny Kuriakose, Dean, Adv. Jose V Chakiath and Mr. Jibi Varghese spoke on the occasion. A large number of parents and newly admitted students attended the programme.

International Yoga Day

NSS unit in association with NSS Technical unit, Kerala observed International Yoga day in FISAT on 21st June 2016. Mr. P Y R Rustom, Dy. Supdt. of Police inaugurated the programme. Mr. Paul Mundadan, Chairman, FISAT Governing body presided. Dr. Jay M Paul, Mr. Abhinand Basanth, Dr. George Issac, Dr. K S M Panicker, Dr. Sunny Kuriakose, Adv. Jose V Chakiyeth, Mr. V V Narayanan, Dr. George V Antony and Mr. Jiby Varghese spoke on the occasion.



Performance by Sachin Warriier



30.03.17

Our alumni and Music Director cum Musician Sachin Warriier Performed @ Agnitio 2k17 - a project Exhibition by the students of Electronics and Communication Engineering.

NSS activities



Day to Remember” 4th edition was held on 20th September 2016 at Aeli Hills, Aluva. The day of fun and entertainment for differently abled students was organized by NSS members of FISAT in association with Stallions international, an NGO working among children.



The day of fun and entertainment for Autism children was organized by MCA Students & NSS Volunteers of FISAT in association with Faith Fellowship India, Nation Association for Play Therapy India, Block resource Centre- Aluva & Special School Staff Association Kerala.



“Punarjjni” project is an initiative of Directorate of Technical Education and NSS Technical cell kerala. The main aim of project to restore, rebuild and rejuvenate government hospitals and schools equipments and recreate the assets utilizing the youth’s strength. FISAT NSS technical cell carried out punarjjani project at Aluva District hospital. The NSS Volunteer recreated 11.38 lakh worth assets for the hospital. The NSS volunteers along with other FISAT student volunteers completed this work as part of 7 day special camp

SWAN



SWAN works for student-staff involvement in organic farming and cultivation. Food crops like Vegetables Banana Ground nut etc were grown in the available areas in the campus Vegetable farming producing maximum with minimum depletion of natural resources is practiced here in an eco friendly way. Minimizing the use of pesticides, focus is given to organic vegetable cultivation Increasing crop diversity is an important step towards cropping systems that mimic natural systems. Common vegetables and cool season vegetables are raised by the Club. Vegetables like Tomato, cow pea, Amaranthus, Spinach, Ladys Finger, snake guard, bitter gourd, green chillies etc are cultivated in three season. Thus a production system with different crops grown in the field adds diversity to the cropping system and leads to its stability



Aquaponics

As a part of promoting sustainable domestic food production for organic vegetables and fresh fish, nature club of FISAT started a new venture “AQUAPONICS” which is a hi-tech multi farming process in the campus. The fish waste provides an organic food source for the growing plants and the plants provide a natural filter for the water the fish live in. The third participants are the microbes (nitrifying bacteria) and composting red worms that thrive in the growing media. They do the job of converting the ammonia from the fish waste first into nitrites, then into nitrates and the solids into vermin compost that are food for the plants. Aquaponics uses only 1/10th of the water of soil-based gardening, and even less water than hydroponics or recirculating aquaculture