Focus on Excellence

FISAT

Federal Institute of Science And Technology (FISAT)®

Approved by AICTE, Affiliated to APJ Abdul Kalam Technological University & M.G.University

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Our Vision

- To create a world class Professional Institute with focus on excellence, shaping committed global professionals and technocrats to meet the demands of business, industry and research.

Our Mission

- FISAT strives for transforming the institution into an advanced Centre in Professional Education, which, in turn will bring out professionals with superior skill and social commitment. It will be the earnest endeavour of the Institution to provide state-of-the-art facilities to mould brilliant young talents, enabling them to take-up challenging assignments in the highly competitive global scenario.

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At a Glance ...

IMPETUS
Federal Institute of Science And Technology (FISAT)
Annual News Letter '16   Vol 2 – Dec, '15

Mr. Paul Mundadan
Chairman, FISAT

Message - Chairman

It gives me great pleasure to know that a bold venture of the Federal Bank officers association channelized into education for the benefit of society has grown by leaps and bounds as evidenced by this newsletter. It hightlights the

achievements through the nascent years, infancy and growth of this instate. As FISAT grows and alumni spread their wings, we are reminded of the miles to go before we sleep. This newsletter is a kaleidoscope of events, people and places that have been significant to students, facilitators, management and the society at large in different ways and at a personal and organisational level. It is heartening to know that our staff and students are adequately equipped with necessary skill sets to bring laurels to the institution. I congratulate the editorial members for this venture.

Dr. George Issac
Principal, FISAT

Message - Principal

This attempt to highlight key events that have happened in FISAT over the last few years is greatly commendable because it brings out the wide scope of the academic, co curricular and academic activities that have taken place here. This institute is proud of its emphasis on social commitment and value based coaching allowing students to come out with their best individual abilities. This talent of the faculty to bring out the best in students and of the FISAT management to inspire faculty members is well revealed through this collection. Congratulations for coming out with this venture.

FISAT Managing Committee Team

Paul Mundadan
Chairman

Anitha P
Vice Chairman

Bose P I
Treasurer

Mathew P V
Director

Xavier Gregory
Member-Governing Body

Raju M V, Member
Governing Body

George C Chacko
Member- Governing Body

Abdul Nazar M P
Managing Commeettee Member

Pappachan Thekkekara
Managing Commeettee Member

Rajavarma E K
Managing Commeettee Member

Anthony Johnson
Member-Governing Body

Jojo K J
Managing Commeettee Member

Prakash C Chandy
Ex-Officio (Chief Administrative Officer)

Academic Heads

Dr. George Issac, Principal

Dr. C Sheela, Vice Principal & Head of the Dept., Basic Science & Humanities

Dr. Pailo Paul, Dean, Engineering Sciences

Dr. Sunny Kuriakose A, Dean, Student Affairs

Dr. J C Prasad, Head of the Department, Computer Science & Engineering

P R Mini, Head of the Department, Electronics & Communication

R Parvathy, Head of the Department, Electrical & Electronics

S Sundrarajan, Head of the Department, Electronics & Instrumentation

Jose Cherian, Head of the Department, Mechanical Engineering

G Unni Kartha, Department, Civil Engineering

Santhosh Kottam, Head of Department, MCA

Dr. P A Mathew , Director, FISAT Business School

IMPORTANT MILE STONES OF FISAT

2002

- 1st January 2002: Foundation Stone of FISAT by Chairman of Federal Bank Sri. K P Padmakumar
- 22 - 11 - 2002: Class started with 240 B.Tech students in the following Branches Computer Science & Engg. (60 Seats) Electronics & Communication Engg. (60 Seats) Electrical & Electronics Engg.(60 Seats) Electronics & Instrumentation Engg.(60 Seats)

2003

- 22nd August 2003 : Laying of Foundation stone of Mens' Hostel

2005

- 31-3-2005 First Principal Dr. George Joseph Resigned & Dr. K. S. M. Panicker took charge as Principal

2006

- Two P.G.Courses MBA & MCA started with 60 seats each B.Tech Additional Batch in CSE & ECE started.
- 8 -11 March 2006: First mega cultural Fest Bharatham was organized.
- 26th October 2006 : First B.Tech Results in 2006, FISAT bags top Ranks.

2009

- B.Tech. Mechanical Engg. started with 60 seats
- 30th January 2009 First Nautilus 09, a technical & management fest was organized by the IEEE student branch and FFSC.

2010

- M.Tech Programme in CSIS and CE started.

2015

Dr. K.S.Panicker retired from Principal Post Dr.George Issac took charge as Principal

2011

- Additional Batch in MBA started B.Tech Civil Engg Course Started M.Tech Power Electronics & Power Systems Started
- 3rd February 2011: M G University Youth Festival FISAT won Second Runner Up Trophy

2012

- 9th October 2012 FISAT Decennial Celebrations
- 25th January 2012: Dr. Richard M Stallman, inaugurated the 'One Million Code to Community' project
- Decennial Year Celebration, 10 houses constructed for poor family

2013

- M.Tech Computer Integrated Manufacturing started
- B.Tech Additional Batch in Mechanical Engg. & Civil Engg started
- Adv. P. V. Mathew Founder Chairman of FISAT retired.
- Sri. Paul Mundadan took charge as chairman of FISAT

2014

- MCA (Lateral Entry) Course Started
- M.Tech in VLSI & Embedded System, Structural Engineering & Construction Management started
- 19 - 22nd June 2014: Fourth International Conference on HPC

Editor's Desk

Dr. Sunny Kuriakose A
Dean, Student Affairs

Federal Institute of Science and Technology (FISAT) has matured into a premier institution engaged in the development, acquisition and application of technical, scientific and managerial knowledge to the tasks of design, development, invention and innovation. The institute is committed to the task of imparting quality education and moulding professionals with social responsibility and ethical standards. FISAT is a much sought after institute today thanks to the dedication and support of the management and the rigorous quality policies practised in the institute.

It is with great pleasure that we place before you the first issue of the Institute Newsletter - Impetus. Though there are annual newsletters published by individual departments, the essential purpose of Impetus is to bring together a more comprehensive assemblage of news in a single volume, to inform, inspire and entertain a larger and more diverse readership, including alumni, faculty, staff, students, parents and other stake holders of FISAT. Impetus endeavours to highlight events, activities and academic achievements of the Institute, and hopes to lend new vigour to the creativity of the students.

This inaugural issue of Impetus features an interview with Adv. P. V. Mathew, the founder chairman and steward of the College for more than a decade. We owe to dear Mathew Sir, a great deal more than words may express.

We acknowledge the kind support and encouragement of all those who contributed directly and indirectly to bring forth this Newsletter. The Editorial Board would like to express its deepest gratitude to our Chairman Mr. Paul Mundaden and to all institutional authorities for extending their generous support. The enormous encouragement from the Principal, Dr. K. S. M. Panicker and the Vice Principal, Dr. C. Sheela deserve special mention.

This maiden issue of the newsletter should inspire all of us with hope, confidence and faith in each other, for our work in the days ahead... Happy Reading!

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Rank Holders

Our students have consistently achieved covetable success in the Mahatma Gandhi University Examinations. Total number of University ranks obtained till this year is 42.

B.Tech

Ambika S
EEE, 1st Rank

Shyam Sundar
EIE, 1st Rank

Amritha V
CSE, 2nd Rank

Athira M Mohan
EIE, 2nd Rank

Anju P
EEE, 2nd Rank

M.Tech

Dheena Kurian
COEN, 1st Rank

Mehabooba P Shareef
CSIS, 1st Rank

Jayasree T V
CSIS, 2nd Rank

Neethu Raveendran
CSIS, 2nd Rank

Ambily Unnikrishnan
PEPS, 2nd Rank

Tina Babu
CSIS, 3rd Rank

Divya Jagadish
COEN, 3rd Rank

MCA

3 Ranks in consecutive years

Nimmy George
1st Rank
2007 - 2010 Batch

Soumya K U
3rd Rank
2008 - 2011 Batch

Suman Eliza Sebastian
1st Rank
2009 - 2012 Batch

Launched Industry Institute Partnership Programme

CSE Department officially launched an Industry Institute Partnership Cell in FISAT in collaboration with leading IT companies and professionals. Rubreo International signed MOU to start Incubation Centre Activities with FISAT on 8th January 2015. Sri. Philip Abraham, CEO , Reubro International inaugurated the event. Two kinds of projects which is in the final stage of discussion are Python based Pin Ball game project Data Analytics Project. The Team members of this project include Mr.Mahesh C, Mr.Pankaj Kumar, Mr.Justin and Dr.Sreeraj.

Interaction between Institute and the Industry, as pronounced by All India Council of Technical Education, is widely recognized as an essential requirement for moulding successful entrepreneurs technical savvies. The Department of Computer Science and Engineering, FISAT Incubation Centre envisions to provide a platform to the budding student entrepreneurs who have innovative ideas by offering mentoring support and facilitating industrial interactions.

FISAT has done a few consultancy activities and developed certain components with multinational companies like TATA Elxsi. The Institution has contributed one million codes to the public last year through open source technologies and transferred 25 projects to IIT Bombay to improve Akash Tablets. The Centre for High Performance Computing of FISAT is involved in research with the funds received from AICTE, CSIR, DST, KSCSTE , CSI, etc.

FISAT hope that the concerted efforts of the Cell will strengthen the technology transfer interface between academia and industry and promote collaborative Research and Development.

Agnitio'14

Agnitio'14 the technical event conducted on 27th March 2014 was jointly organized by the ISTE chapter of FISAT and ECHO, the association of ECE department of FISAT. The event showcased the brilliance of ECE students with their project exhibition, technical quiz, and various technical fun events.

The event aimed at developing the innovative and technical skills in engineering students. The key attractions of the project exp were an 'autonomous car' which can reach destination without driver, 'voice controlled robot' that can be used by handicapped, '3D scanner' that can generate a 3 dimensional image of the object, 'object identifying robot' that can be used for disaster management during earthquakes etc.

The technical quiz that was conducted for junior students also reflected the technical competence and hardwork of the students. The event gained attraction of students and popular media.

Congratulations- Ph.D Received

Dr. Sreeraj M has secured Ph.D in Computer Science in the year 2013 from Cochin University of Science and Technology (CUSAT). His work entitled "A writer identification system for handwritten Malayalam documents"

Dr. Arun Kumar M N has secured Ph.D in Computer Science & Engineering in the year 2013 from University of Mysore. His work entitled "Techniques towards the detection & classification of clustered microcalcification in digitalized mammograms".

Dr. Anil Kumar M N has secured Ph.D in Electronics Engineering in the year 2014 from University of Mysore. His work entitled " Area efficient arithmetic unit of Eleptic curve cryptographic processor with high throughput".

Dr. Praseeda K I has secured Ph.D in civil Engineering in the year 2014 from Indian Institute of Science, Bangalore. Her work entitled " Studies into Embodied & Operational Energy in Traditional & Conventional Residential Building in India"

IMPETUS

FORUM- The South Indian Management Fest

The South Indian management fest held annually at FISAT has been one of the most well visited events from colleges across the state, going as far as Bangalore and South to Coimbatore. It has been launched under different themes every year and is the flagship event of the fisat students association. This year's theme was "the Battle for Olympus"- a two day event that broke the mould of the management fest by bringing in an event for the students benefit- A HR conclave.

The event held with media partners asianet and Radio Mango had games titled in the names of Greek Gods, so apt for the Battle to begin at Olympus! Atlas, the Throne of Zeus, Lair of Hermes, flight of Eros and Board of Athena. Students from no t less than thritty six colleges registered themselves for different games, arriving in teams of two or three per college. Some of the winning teams are shown below.

HR Conclave

In an attempt to comprehend the competency factor that leads to positive job transitions and to explore the psychological capital of new graduates, COLOSSEUM- the annual HR conclave was organized by FISAT Business School, on October 17, 2014 on "Fresh Talents in Corporates' Perspective:, Experiences and

Expectations." COLOSSEUM is a platform where industry stalwarts can interact with each other through panel discussions, seminars and symposia with the active participation of the corporate houses.

The chief guest of the event was Mr. Balaji and he delivered the key note address. It was mainly on the concept VUCA which has been gaining a lot of publicity in HR environments.The seminar/panel discussion brought out the past experiences of the corporates vis-a-vis the MBAs, and disseminated the expectations of the corporate houses, keeping in view the emerging trends in the prevailing economic scenario. Some of the speakers for the event were Mr. Anish Philip (Cheif Human Resoruces Officer at Sasken Comunication Technologies, Mr. Rex Michael, Head of Talent Acquisition, Thomsun Reuters, Ganesh S, VP, Human Resources at Citi Chennai, Mr. Balaji.V, Head HR, at Dorma, India Pvt Ltd, and Jaimon Antony, Head HR, Murugappa Group Chennai.

Open Judo Third Umpire System by FISAT

The research team of Federal Institute of Science And Technology (FISAT), Angamaly have developed and contributed "Open Judo", a review and analysis system designed to aid the jury in Judo competitions, for 35th National Games. In judo competitions no electronic devices were used so far for decision making and human decisions, sometimes even guess work and speculations were done which led to many controversies. The State Judo Association officials, in search of a tool similar to "third umpire" system in cricket approached the research team in FISAT and gave their requirement. The research team took the challenge and after several rounds of discussions, submitted a project report to the Association which was accepted. Based on the project, a system was developed using C++ and open source computer vision libraries and open video codecs and was tested in local tournaments. Later it was successfully used in 35th National Games. The seven member team together with the Staff Coordinator Mr. Pankaj Kumar and Physical Education Director Mr. S Arun were present in the National Games venue throughout the competitions and assisted the jury in handling the system. The software received huge appreciations from many of the organizers and officials of 35th National Games Kerala 2015. The team also handled fixture generation, centralized score board control, result updation and generation, referee allocation

The research team consisted of Sherfin S, Aravind Murali, Vishnumohan K, Neeraj Jose, Kiran Thomas Varghese, A.A Aswathy, Anil P Joseph, under the guidance of Mr Pankaj Kumar G, Assistant Professor, Computer Science Department and Mr . Arun S , Assistant Professor , Physical Education.

This is the first time, a review system for judo is used in a National level competition in India. The system enables a higher degree of accuracy in decision making. Controversial situations can be analysed effectively while continuing the recording. This will help the table jury to make decisions even when the match is ongoing. The system is scalable and supports high end cameras as well as with low end devices. The quality of the camera and the number of cameras to be used can be determined by the tournament for which, the system is to be used. The system consists of multiple "Open Judo" recording systems to avoid single point of failure. "All visuals captured by the cameras connected to the system is recorded and kept in backup libraries and can be used for future reference, and analysis.

Consultancy Activities

The Civil Enginering Department is equipped with latest infrastructure and equipped laboratories to the needs of students and also undertakes consultancy works in Civil Engineering.

Following are some of the consultancy works undertaken by the Civil Engineering department:

- Concrete Cube test for Federal Greens, F.C.H.S Ltd, Aluva, PWD, Paravoor, Silpa Projects and Infrastructures, KITCO Ltd, Aiswarya Builders and developers, CVR Brothers, CI constructions Ltd.
- Cement Block Test for various entrepreneurs.
- Strength test on steel for Federal Greens, F.C.H.S Ltd, Aluva.
- Test on Fine aggregates for Federal Greens, F.C.H.S Ltd, Aluva.
- Compressive strength test on Solid Bricks for St. Antony's Solid Brick, Manjikkad.

Congratulations EEE Dept!

The EEE Department received a research grant from All India Council for Technical Education(AICTE) under the Research Promotion Scheme,a sum of amount five lakhs for a period of three years. The department utilized procuring development boards for the design and development of motor drive controllers for special Electric Machines.

Workshop on OpenGL

The Department of Computer Application organized a One day Workshop on OpenGL (Open Graphics Library) on 24th January 2014. Mr. Paul Mundadan, Chairman, FISAT Governing body inaugurated the workshop. Dr. K.S.M Panicker, Principal, FISAT welcomed the gathering. Dr. K.Bindu, Reader, UCAS, gave a technical talk on OpenGL. Followed by the technical talk there was hands on workshop on OpenGL. Mr. Pankaj Kumar, Assistant Professor cum System Analyst, FISAT was the resource person.

OpenGL is a cross-language, multi-platform Application Programming Interface (API) for rendering 2D and 3D computer graphics. 45 faculty members from various colleges under M.G University attended the workshop.

"You can't build a reputation on what you are going to do." Henry Ford   "An investment in knowledge pays the best interest." Benjamin Franklin

Say No To Plastics

The students of FISAT put thoughts into actions by carrying out a plastic waste collection drive initiated under the aegis of Aluva based Plan @ Earth NGO- which is doing stellar work in trying to reuse and recycle plastic waste into products of worth, besidesadvocating the cause of reducing or completely abolishing the use of plastics in everyday life. 120 second semester students of the MBA batch 2014-16, under the guidance of their faculty for Environmental Management Ms. Sindhu George, put into practice the lessons learnt in the classroom. Plastic wrappers,bottles and other non-biodegradable waste had been carelessly dumped by tourists at Thommankuthu, a hill station near Thodupuzha. The students and teachers collected more than 12 bags of waste, which would be further processed by the NGO.

The event had wide coverage in all the prominent news papers.

Visit to Old Age Home-Bethseda

The 7th batch of MBA visited the occupants of Bethsaida, an old age home, in the festive season of Onam, and presented a cultural entertainment for the occasion along with a wonderful Onam Sadhya, making it an unforgettable experience for the occupants of the home.

Orphanage Visit

One of the first events that was taken up by the MBA batch 2014-16 was the visit to Emmanuel Orphanage Azhakam, in August 2014. A home for orphaned and destitute children of a wide age group from 5-18 years, of both sexes, it was an eye opener to the students. The need for societal responsibility became clear to them as they organised a fine day of enjoyment for the students starting with games for the children, a Thiruvathira organised by the girls, and programs organised by the inmates, finishing with a sumptuous Onasadya, served by the students themselves.

The students of S4 MCA (2012 batch) along with Ms Nisha P John and Ms Deepa Mary Mathews spent one day with the inmates of

"Providence Home, Muvattupuzha" on 11th February 2014. They collected an amount of Rs. 10000 and donated the articles of daily need. They entertained the mentally challenged and bed ridden inmates and helped them by cutting the woods and cleaning the surroundings. It was really a memorable day.

Blood Donation Camp and Organ Donation Drive

In tune with the theme "the Joy of giving" with a focus on donation- of Blood and Organs was done in association with the department fest Karma 2K14. Ms. Rima Kallingal, chief guest of the day floored the gathering with her simplicity, her positive energy, her frank attitude and her friendliness. A true giver, she spoke about how the social cause was the lesson for us all. Ms Lekha Nambisan was the other guest of the day- a true pillar of giving- showing how selflessness doesn't come in words but action. Donating one kidney to a total stranger, and still suffering from the medical effects, and monetary difficulties, but still smiling and fighting negative outcomes. The students actively carried out a blood donation drive and collected forms for organ donation.

Seminar on Rain Water Harvesting- NEERTHULLIKKAL

Taking into consideration the increasing importance of the management of water resources to the human existence and to the government and local governance "Nirthullikal" was held on 12th September, 2013. It was inaugurated by Sri Anoop Jacob, Hon'ble Minister for Food and Civil Supplies and Registration. This was a seminar on rain water harvesting and its benefits to the local community. The program was held in association with the gram Panchayat of Mookkannoor, Karukutty, Thuravoor and Manjappra. Dr. V. Subhash Chandra Bose, C.C..D.U (Communication and Capacity Development Unit) spoke on the topic "Well recharging and rainwater Harvesting". The CCDU has been instrumental in communicating and disseminating to the general public and to the local government machinery the importance of sanitation and rainwater harvesting.

A Day to Remember

A Day to Remember' was hosted by FISATians for differently-abled children on 20th Sept 2014. 100 Students from 20 special schools gathered at AELI Hills, Aluva. 25 students from 5 regular schools and 30 FISATians under the leadership of Mr. Jiby Varughese and Mr. Jacob Peter spent a full day with these children, engaging them in group activities, music and dance practicing. In the end, handful of presents were given to all students. Third edition of this programme was hosted once again in 23rd Sept 2015. The programme was organized in association with Stallions International, Aluva chapter.

Awareness programme on monsoon related diseases

FISAT students carried out an awareness programme on monsoon related diseases on 30th June 2014. Mr. Biju Palatti, President, Mookkannoor Grama Panchayath inaugurated the programme at Panchayath hall. Mr. Paul Mundadan, Chairman, FISAT Governing body handed over the medicinal kit to Mr. Biju Palatti.

Cleaning campaign at Marine Drive

B. Tech students conducted a cleaning campaign at Marine Drive, Kochi on 14th January 2015. Mr. Hibi Eden MLA inaugurated the programme. Under the aegis of Environmental Sustainability, students of FISAT Business School organized a plastic cleaning campaign at Thommankuttu on 15th March 2015.

Sneha Sangamam

Sneha Sangamam, A day of fun and entertainment for terminally ill children was organized by FISATians on 28th February 2015 at Choice School Tripunithura in association with SOLACE, an NGO working for the rehabilitation of children with cancer and thalassemia. Forty Scope members under the leadership of Mr. Jiby Varghese, Asst. Professor and Mr. Jacob Peter engaged the children with dance, music, games, workshops and group activities. Around hundred children in the age group of five and fifteen, their family members and Solace volunteers participated in the day long programme. Anchor Ranjini Haridas and Cine actor Adly entertained the students with dance and music.

Stallions International has selected FISAT as best social worker (institution) in 2013-14.

Book Exhibition

FISAT Library conducted book exhibitions, in co-operation with renowned publishers from 2nd to 4th February 2015. It provides a chance for the book lovers for purchasing the world classics from their doorsteps. Every year approximately 100 publishers are participating in these book exhibitions.

"Failure is simply the opportunity to begin again, this time more intelligently." Henry Ford

"Live as if you were to die tomorrow. Learn as if you were to live forever." Mahatma Gandhi

Students Laurels and Accolades

1. Vishakha Khona of S8 CSE A won the Richard E Merwin scholarship and a cash award of 1000$.

2. Arjun P Kumar of S5 MCA secured second prize in the coding event held as part of the Inter Collegiate IT fest organized by Union Christian College on 5th & 6th February 2015 and he is offered with an employment confirmation letter from UST Global

3. Jibin Joseph secured First prize in the event E-waste Art Form held as part of the Inter Collegiate IT fest organized by Union Christian College, Aluva on 5th & 6th February 2015.

4. Sam Harrison and Jojo Jacob of S5 MCA secured Second prize in Web Designing Event held as a part of the Inter collegiate IT Fest organized by Rajagiri College of Social Sciences, Kalamassery 0n 22nd & 23rd January 2015

5. Nakul Narayan and Arjun P Kumar of S5 MCA secured Second prize in IT Quiz event held as a part of National Level IT Fest organized by the SNGIST, N Paravur on 12th & 13th February 2015.

6. Deepak Sebastian of S5 MCA was selected as the Best Personality held as part of the National IT Fest - DETECKNISTA 2K15, organized by DePaul Institute of Science and Technology, Angamaly on 7th & 8th January 2015

7. Arun Jose and Mebin Thomas secured First prize in the Super App event held as part of the National IT Fest - DETECKNISTA 2K15, organized by DePaul Institute of Science and Technology, Angamaly on 7th & 8th January 2015.

8. K S Sharan, Bobin Varghese and Deepak Sebastian secured First prize in the event Word Hunt held as part of the National IT Fest - DETECKNISTA 2K15, organized by DePaul Institute of Science and Technology, Angamaly on 7th & 8th January 2015.

9. Nakul Narayanan secured Second prize in the Coding and debugging event held as part of the National IT Fest - DETECKNISTA 2K15, organized by DePaul Institute of Science and Technology, Angamaly on 7th & 8th January 2015.

10. K S Sharan and Arun Jose, Bipin P R, Mebin Thomas, Vivek George has secured Third prize in the Treasure Hunt event held as part of the National IT Fest - DETECKNISTA 2K15, organized by DePaul Institute of Science and Technology, Angamaly on 7th & 8th January 2015.

11. Mebin Thomas and Vivek George of S2 MCA won Second prize in the coding contest held as part of the technical fest organized by M A College, Kothamangalam on 19th & 20th September 2014.

12. Mr Mohammed Shabeeb (S3 MCA) and Mr Mebin Thomas (S1 MCA) won FIRST prize in the Code Cracking event as part of INIZIU'14, the National Level IT Fest organized by SNGIST held on 28th and 29th March 2014.

13. Mr Shanu Binoy and Mr Midhun M of S6 MCA participated in the quiz competition held at SNGCE on 18th March 2014 and secured FIRST prize

14. Mr Mohammed Shabeeb of S3 MCA attended the 'EXCELLENTIA 2k14', a National Level IT Fest organized by MES Engineering College, Kuttipuram held on 18th March 2014. He got Third prize in Web Designing event.

15. MIDHUN GREGORY BEHNAN CE Student won BEST DIRECTOR during IVOTION, RIET IVANO FEST 2013 at MAR IVANIOS COLLEGE UNION

16. MIDHUN GREGORY BEHNAN won 1ST 24 FRAMES, NAKSHATRA 2013 Conducted at SAINTGITS COLLEGE OF ENGINEERING.

17. Ashitha C. CE Student Mohiniyattam in University Arts Festival 2013 with A grade

18. Gopika Lakshmy K. M CE Student. won A grade Kaviakeli in University Arts Festival 2013

19. Ms.Gayathri Krishnakumar(S7,Civil Engineering) won first prize in Cerebro Tormento, NIRMAAN 2014 organised by Division of Civil Engineering, School of Engineering, CUSAT on october 17-18, 2014.

20. Shobin Manu Mathew and Akhil M Unni (S7,Civil Engineering) won first prize in Lactus Curtius(Build the Bridge) organised by Nirmaan 2014, Division of Civil Engineering, School of Engineering, CUSAT on october 17-18, 2014.

21. Shobin Manu Mathew (S7,Civil Engineering) won second prize in CADD Zakeia, Nirmaan 2014, Division of Civil Engineering, School of Engineering, CUSAT on october 17-18, 2014.

22. Akhil M Unni(S7,Civil Engineering) won first prize in Pallete, Azure 2014,National level techno – cultural fest organised by Amal Jyothi College of Engineering on September 25,26 and 27,2014.

23. Manu Varghese and Akhil M Unni (S8,Civil Engineering) won first prize in Dezinopolis, Dyuthi 2015, National level multi fest organised by Government Engineering College, Thrissur on 19th - 21st February 2015.

24. Akhil M Unni, Lekshmi V S, Merlin J Thattil(S8,Civil Engineering) won first prize in Nirvana, Dhruva 2K15, Inter Collegiate Techno Cultural fest organised by Christ Knowledge city on 24th and 25th of February 2015.

25. Akhil M Unni and Shobin Manu Mathew(S7, Civil Engineering) won first prize in Cartomania,event of PALMARIUS, National level technical fest organised by Sahrdaya College of Engineering and Technology on 13th and 14th October 2014.

26. Shobin Manu Mathew(S8,Civil Engineering) won second prize in Disegno Innovativo, national level technical symposium organised by Vidya Academy of science & technology, Thrissur on 13th and 14th February 2015.

27. Akhil M Unni and Atheed Bin Nazar(S8,Civil Engineering) won third prize in Aminako, national level technical symposium organised by Vidya Academy of science & technology, Thrissur on 13th and 14th February 2015.

28. Akhil M Unni (S7,Civil Engineering) won second prize in Srishti , National level technical fest organised by Sahrdaya College of Engineering and Technology, 13th and 14th october 2014.

29. Lakshmi Mohan and Sheba Ann Varghese (S6,Civil Engineering) won third prize in Concrete cube strength Competition,Indian Concrete Institute Kochi Centre on march 2015.

30. Arjun P Ravi (S7,Civil Engineering) won first prize in Football Tournament organised by FISAT Sports 2014.

31. Athira R Thilakan,Linda Baby,Gayathri Krishnakumar and Gopika Lakshmy K M (S6,Civil Engineering) won second prize in Cube Strength Competition conducted by Indian Concrete Institute Kochi Centre on March 2014.

32. Akhil M Unni and Rahul Nair (S6,Civil Engineering) won first prize in Prathibheda,vyvidh 14 organised by Vidya Academy of science & technology, Thrissur on march 7th and 8th 2014.

33. Anil John Baby(S1&2,civil Engineering) won third prize in event AC/DC (Hunt for best Electrical Engineer)conducted as a part of the national level techfest, TechKshetra 2013 organised by Rajagiri School of Engineering and Technology, Kochi on 6th of Septmber 2013.

34. Christy Antony George and Ashish Johnson (S1&2,civil Engineering) won second prize in Short Film of Arangu 2014 organised by FISAT, Angamaly on 7th and 8th of February 2014.

35. Arjun P Ravi (S4,Civil Engineering) won third prize in Model Making,Civil Engg. Association Activity organised by FISAT, Angamaly on 5th April 2013.

36. Midhun Gregory Behanan (S4,Civil Engineering) won first prize in 24 Frames, Nakshtra 2013, Techno Cultural fest organised by Saint Gits College of Engg, Kottayam, March 2013.

37. Midhun Gregory Behanan(S4,Civil Engineering) won first prize in Drisya,FuGeNiz 3,National level Techno-management fest organised by SNGCE,Kadayiruppu on 22nd and 23rd march 2013.

38. Gopika Lakshmy K M (S4,Civil Engineering) won A grade in Kaviakeli in MG University Youth festival, 2013 conducted by MG University on february2013.

39. Midhun Gregory Behanan (S4,Civil Engineering) won the Best director award in Ivotion, Riet Evano Fest, 2014 organised by Mar Ivanios College, Tvm.

40. Bonie P Varghese, EEE student won Poster designing, first prize, G University 2013

41. Bonie P Varghese, EEE student won Clay Modeling , A Grade , M.G University 2013

42. Bonie P Varghese EEE student Poster designing , first prize, MG University youth Festival 2014

43. Megha G Rao EEE Student, Anushka Baalachand & Keerthisharma won Third Prize in Group Dance "Brahma", Adishankara Engineeering College

44. Kavya Anil EEE Student won Third Prize - Voice of Brahma at "Brahma", Adishankara Engineeering College

Performances in Management Fests - MBA Department of FISAT

1. Rajagiri Centre for Business Studies, Cochin.
   1st in Marketing Game
   1st in Operations Game

2. St Alberts College, Cochin.
   1st in HR Game

3. Mangalam College of Management Studies.
   2nd in HR Game

4. C.E.T College of Management Science & Technology
   Best Manager

5. Elijah Institute of 5 Management Studies
   3rd in Marketing Game

6. Naipunya Institute of Management & Information Technology
   1st in Ad Game
   1st in Budding Manager
   2nd in Case Study

7. Lourdes Matha College of Science & Technology
   2nd in Marketing Game

8. Holy Grace Academy of Management Studies
   1st in Marketing Game
   1st in Road Show

9. RAMS B-School
   2nd in HR Game

10. Lead College of Management
    1st in Marketing Game

11. Marian International Institute of Management, Kuttikkanam
    1st in Marketing Game

12. Jai Bharath School of Management Studies
    1st in HR Game

13. DCSMAT
    1st in Best Management Team

Faculty as Resource Person

- Unnikartha G, "Ask an Expert" career guidance seminar conducted by Mathrubhoomi at Trivandrum, Cochin & Kozhikode for student aspiring for engineering after +2 classes

- Unnikartha G, Career guidance classes for 10th and 12th grade students organized by Vivekananda Seva Samithi, Kanjirappilly

- Unnikartha G, Resource person for hands on workshop on "Data visualization using FOSS" for ICEFOSS, FISAT

- Unnikartha G, Resource person on workshop on Mendeley organized by CCE, FISAT.

- Unnikartha G, Invited talk on "Prospects in Civil Engineering" for final and pre final year students at Albertian Institute of Science and Technology, Kochi

- Unnikartha G, Resource person for the TEQIP Sponsored workshop on LATEX held at LBS Institute of Technology for women, Thiruvananthapuram.

- Unnikartha G, Resource person on question paper setting applying Blooms Taxonomy for Faculty at FISAT.

- Praseeda K I, Resource person for a three day workshop on Innovation in Mass Housing organized by Civil Engineering department, TKM Kollam, sponsored by Technical Education Quality Improvement Programme – Phase II

- Praseeda K I, Resource person for a seven day workshop on Low Carbon Materials and Building Systems, jointly organized by Centre for Sustainable Technologies and Department of Civil Engineering, Indian Institute of Science and Karnataka State Council for Science and Technology

- Parvathy R - Session Chair for Annual International conference on Emerging Research Areas:Magnetics ,Machines and Drives at AmalJyothi College of Engineering,Kanjirapally,on 25th July 2014..

- Archana R - Invited talk on Probabilistic Neural Networks & Support Vector Machine Algorithms at College of Engineering Cherthala, on 6th May 2014.

- Archana R - Invited talk on Genetic Algorithms & Swarm Intelligent Systems at College of Engineering Cherthala, on 8th May 2014.

- Archana R- Invited talk on "Time Frequency Analysis of Chaotic Signals" at College of Engineering Cherthala, on 26th November 2013. .

- Leena N -Invited lecture on "Autonomous mobile robots-path planning" for the STTP on Machine Intelligence and Applications, organised by Division Of Computer Engineering, School of Engineering, Cochin University of Science And Technology, Kochi, Kerala under TEQIP-2 on 7/5/2014. (from 5th May-9th May 2014).

- S Sundararajan, HOD &A.P(Senior grade) - Invited talk on "Robotics Toolbox in Labview" at Indira Gandhi Institute of Technology for Wom¬en , Kothamnagalam.

- Shinto Sebastian, Asst. Professor - Invited talk on "Programmable logic Controller and its application " at Govt, Polytechnic Col¬lege, Koratty on 28th Nov 2014.

- Sreejith K R.Asst. Professor - . Seminar on " Electronics and Embedded System Design" - M E S College of Engineering and technology, Kunnukara(Dec 2013).

- Sreejith K R.Asst. Professor – Seminar on " Chandrayan Mission " - St. Jo¬seph's H S S Kidangoor, Organised By Kerala Sastra Sahithya Parishad.

- Sreejith K R.Asst. Professor – Seminar on " Engineering - Art of Simplifying Life " Dept of Electronics Engineering,M A College of Engineering, Kothamangalam.

- Sreejith K R.Asst. Professor – Lecture on " Mars Orbital Mission" at Space Olympiad Conducted jointly by Dept of Physics CUSAT and IUCAA Centre CUSAT.

- Sreejith K R.Asst. Professor – Quiz Master for National Cyber Olympiad -2014 conducted by Edumithra Intellectual Ser¬vices pvt Ltd at AISAT, Kalamassery.

- Sreejith K R.Asst. Professor - Delivered talk on "Mangalyaan Mission" at 5 Schools in Ernakulam District as part of "MAN-GALYATHRA" Conducted by FOCUSS, FISAT.

- Mr.Sajan S - Resource person for FDP on "Effective Teaching Methodology on Engineering Mechanics" conducted at Ilahia College of Engineering ,Muvattupuzha.

- Mr.Renjith R - Resource person for national workshop on "Computational Fluid Dynamics using Ansys Fluent "conducted at M A College of Engineering ,Kothamangalam.

- Mr.Renjith R - Resource person for FDP on "Advanced Technologies in Engineering Design "at SaintGits College, Pathamuttom

- Dr.Sreeraj.M - Invited lecture on Computer vision in department of computer science, Cochin University of Science and Technology(CUSAT) , 8th and 9th April 2013

- Dr.Sreeraj.M - "Natural Language Processing and its Applications"as part of the TEQIP II sponsored Faculty Development programme on "Intelligent Method Towards Computational Linguistics", organized by Department of computer science and Engineering ,College of Engineering, Cherthala, 23-07-13 to 24-07-13

- Dr.Sreeraj.M - "Attack on data privacy-Methods in view of PRISM" and Session chair in the UGC sponsored National Conference on "Cyber Law and Cyber Forensics", organized by Sree Sankara Vidyapeetom College,Perumbavoor, 13-08-13

- Dr.Sreeraj.M - "Recent trends in Data mining and its Applications "as part of the TEQIP II sponsored Faculty Development programme on "Research trends in Data mining", organized by Department of computer science and Engineering ,College of Engineering,Cherthala, 22-10-13 to 23-10-13

- Dr.Sreeraj.M - "Introduction to Data mining and its Applications "at Short Term Training programme on "Data mining", organized by Department of computer science and Engineering , Christ Knowledge City, Kuzhoor, Ernakulam, 24-10-13

- Dr.Sreeraj.M - "Data mining and its Applications in Engineering Research" as part of the TEQIP II sponsored Faculty Development programme on "Recent trends in Data mining",

organized by Department of computer science and Engineering ,College of Engineering, Kidangoor, 02-12-13 to 03-12-13

- Dr. Sreeraj M – (Conference chaired) International conference on Eco-Friendly Computing and Communication Systems(ICECCS-2012) held at Rajagiri School of Engineering & Technology,Kakkanad during August 9-11,2012

- Dr. Sreeraj M – (Conference chaired) 2nd National Conference on Computing Technology-"NCCT 2013" organized by Department of Computer Science and Engineering,SNGCE on march 7th & 8th 2013

- Dr. Sreeraj M – (Conference chaired) Judge for Paper presentation as part of National level Techno Cultural Festival on 01-03-13 conducted by of Adi shankara institute of Engineering & Technology, Kalady

- Dr. Prasad J C conducted talk on "Green Cloud Computing" as part of the for the national seminar on Advanced Technologies' held at Little Flower College, Guruvayoor on 18th July 2014

- Dr. Joshua Ambat: Resource person for two day national seminar on "Service sector in India- Trends, Prospects and Challenges" 26-27 Nov 2013

- Dr. Anoo Anthony : Guest Talk for MBA students on " International Business Prospects of Fisheries Industry" at KUFOS (Kochi University of Fisheries and Ocean Studies)

- Dr. P.A Mathew gave a key note address on : Rural-urban divide Issues and Challenges, at the National Conference in Madras Christian College in January 2014.

- Dr. P.A Mathew gave a key note address on Higher Education in Kerala: Prospects for tomorrow at the Wednesday Club in Ernakulam on February 2014

- Ms. Dhanya C presented a paper titled "Quasi Bayesian Estimation of the Power function distribution' in the International Conference on Business Analytics and Intelligence held at IIM Bangalore on 11-13 December.

Techno-Cultural Fest : AlgoRhythm (Department of Computer Application)

AlgoRhythm 2k14 was the major event organized by MCA Student Association, FIESTA on 25th and 26th April 2014. AlgoRhythm was a two day Techno-Cultural Fest which aims to promote the technical and cultural talents of MCA students. AlgoRhythm 2k14 was inaugurated by Prof Mini Ulanat, Systems Manager, CUSAT and Sri

Paul Mundadan, Chairman, FISAT presided the function. AlgoRhythm 2k14 includes a Quiz Competition - ExQuizIT 2k14, invited lectures on "Big Data Analytic" by Prof Mini Ulanat and "M2 – Mind Matters" by Mr Jayraj Hrishikesh, National Faculty, Art of Living. The second day of AlgoRhythm 2k14 was exclusively for promoting cultural talents of MCA students.

The valedictory function was held on the afternoon of 26th April, 2014. Mr. Santhosh Kottam, HOD, MCA Department welcomed the gathering. Sri Paul Mundadan, Chairman, Governing body, FISAT delivered inaugural address. Sri P I Bose, Treasurer, Governing Body, FISAT felicitated the gathering. Analysis of MCA Cricket Cup 2k14 was done by Mr. Jerry N L, the student representative of S3 MCA. The winners of MCA Cricket Cup 2k14 and the students with academic excellence were honoured.Being the formative year of AlgoRhythm, a lot of ground needed to be covered. The faculty and students of MCA department worked in unison steadfastly with a determined resolve to bring out AlgoRhythm 2k14 a reality. Student volunteers worked tirelessly despite the extreme pressures of their academic schedules and contributed selflessly. The Staff Coordinator of AlgoRhythm, Ms. Deepa Mary Mathews expressed gratitude during the valedictory function to all who worked very hard to make this event a grand success.

Inauguration of FIESTA

The formal inauguration of FIESTA (FISAT Enthusiastic Software Techies Association), the students association of MCA department for the year 2013 – '14 was held on 1st November 2013. Dr. M C Dileepkumar, Vice Chancellor, Sree Sankaracharya University of Sanskrit, Kalady was the chief guest. Sri P V Mathew, former chairman, FISAT presided over the function.

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MANTRA 2K15 –Association Of CSE Students

The computer science department association 'THYRA' organized MANTRA'15 on 27th March 2015. The event was held in auditorium. Mantra 2014 was inaugurated by Mr. Santhosh C Kurup, CEO, ICT Academy of Kerala. He delivered the inaugural address and appreciated the efforts of student volunteers and faculty members for making MANTRA'15, an event worth reminiscing. Dr. KSM Panicker, Principal FISAT welcomed the gathereing. Mr. Paul Mundadan Chairman Governing Body FISAT, delivered the presidential address and Mr. P I Bose, Treasurer of the Governing Body, FISAT, Dr. C Sheela Vice Principal, Ms. Divya T.V, Ms. Nisha Rajeev, Mr. Anuranj P, Staff-coordinator, THYRA and the other dignitaries on the dais who graced the occasion with their presence. Mr. Prasanth K N, Academic Relations Manager ICT Academy, Dr. Sunny Kuriakose, Dean, Students Affairs, Dr. C Sheela Vice

Principal, felicitated the function. Dr. Prasad J C, HOD CSE Department presented the one year activity reports of CSE department in the presence of the huge gathering.

After the inauguration, CSE department FISAT signed MoU with ICT academy and it will be a major milestone in the history of FISAT to enrich students and staff members of FISAT. ICT Academy Kerala is a new venture to nurture the job potential of students with an ample support of both central and state governments along with the industry support of TCS, Infosys, UST Global, IBS and NeST with the support of industry body NASCOM.

The final year CSE students exhibited their projects to the staff, junior students showed their knowledge and technical skills. The Exhibition was beginning in the morning and was open for public display till 2.00 pm. The students of the CSE department were given time slots for visiting the project stalls and to learn about the new technologies and innovations of their seniors.

MOZILLA Club

Keeping pace with evolving technologies has now become our necessity and responsibility.

FISAT have always supported the use of free software and innovation. One such place that has both is the Mozilla community. Mozilla, is a global community of technologists, thinkers and builders working together to keep the Internet alive and accessible, so people worldwide can be informed contributors and creators of the Web. Internet is a global public resource and must remain open and accessible.

Mozilla club of FISAT in association with Mozilla Kerala (Cochin) community conducted its first event Web Maker Party in FISAT on 10th October 2014. The event intended an introduction to Mozilla and its communities, the technologies it creates and the way it makes web a productive place each and every day. The event showcased the web maker project which is of great use to the developers all over the world. It also aimed at encouraging people to contribute to Mozilla in their respective field of interest. Mozillians conducted a one day workshop on Web development for the first year students.

The second event in the series was the developer bootcamp for women called HackrGirlson 21st February 2015.This event was joined by four mentors, Ms. Bhavana Bajaj (Release Manager, Firefox OS, Mozilla Corporation, USA), Ms. Chinmayi S K (Founding CEO, Saakshin Technologies), Mr. SijoKuruvilla (Founding CEO, Startup Village) and Ms.Tessy Joseph (Web QA Intern at

Mozilla).The two day event provided a platform for interactive learning and discussed about the possibilities and the openings for women in Mozilla and Open Source. The event envisioned to discover and disclose the role of entrepreneurship in Indian society and about the upcoming programs on empowering women.

GATE Coaching Class

The faculty of the department of EEE were approached by the then final year students of the department in 2011,to start GATE Coaching classes. In spite of the cramped semester work, due to the constant perusal from the students, the faculty had decided to start the classes. It was for the first time that such an attempt was initiated in the college. Our work beared the fruit finally that about ten students had successfully cleared the GATE 2012.An ALL India Rank of .... secured by Mohammed Safeer was a prestigious success for us. Congratulations to Safeer.

The MCA Lateral Entry programme in FISAT

The MCA Lateral Entry programme in FISAT was inaugurated on 1st September 2014. Mr. Paul Mundadan, Chairman, FISAT Governing body inaugurated the programme. Dr. K.S.M Panicker, Principal, FISAT presided over the function. Mr. Santhosh Kottam, HOD, MCA Department welcomed the gathering. Dr. C Sheela Vice Principal, FISAT, Mr. P.I Bose, Treasurer, FBOAES, Mr. Abdul Nazer, Associate Secretary, FBOAES, Mr. Xavier Gregory, Vice-President, FBOAES, Dr. Pailo Paul, Dean Engg. Sciences, Dr. Sunny Kuriakose, Dean, Student Affairs and Mr. Jose Madassery, President, FISAT PTA offered felicitations. Mr. Santhosh Kottam, HOD, MCA dept. gave an introduction on the course to the students and parents. The meeting concluded with the vote of thanks by Mrs. Senu Abi, Asst. Professor in MCA Department.

FISAT signed MoU with ICT Academy, Kerala

FISAT Chairman Sri.Paul Mundadan and ICT Academy CEO Sri.Santhosh Kurup has signed a Memorandum of Understanding on 27th March 2015. ICT Academy Kerala is committed to conduct industry focused enablement programs for faculty members & students. Interaction between Institute and ICT Academy, as envisaged by both Central and State Governments, is widely recognized as an essential requirement for imparting employability skills. This will be achieved through resources, regular workshops, training programs, capacity building and faculty development and Career Guidance & Placement Unit alignment. Under this MOU, the ICTAK will ensure timely completion of training assessment and certification. It is expected that the concerted efforts of the FISAT team will strengthen the technology transfer between academia and industry and enrich the students to further heights. Department of Computer Science & Engineering has taken up the initiative to sign MoU with ICT Academy Kerala, in FISAT campus.

ICT Academy of Kerala is the only company in India supported byv Govt. of India and Govt. of Kerala is also supported by the industry like TCS, Infosys, UST Global, IBS, NeST under the guidance of Industry body, NASSCOM.

Benefits of ICT Academy for FISAT

- Free three day Faculty Development Program on 'Concepts Coaching' based on Blooms Taxonomy and Neuro-Linguistic Programming (NLP) tools to promote experiential learning amongst faculty members and it is perhaps the only programme in the country that is developed using the above tools.

- Students Development Program's with all the aspects of developing a product / solution in an industry and its structured

such that the students will earn both ICT Skills and Soft skills which can help students to get trained on the basics of entrepreneurship as well as help students with employability skills

- Industry academia interactive session with opportunity for co-innovation, research and industry tie ups with ICT industry.

- Industry support for innovative student projects/research. (Subject to industry validation).

- ICT certificate for all students successfully completing the program.

- Placement facilitation for college students.

- One day free orientation for first year students.

- ICTAK annual journal.

- Member college faculties to be considered as trainers of ICT Academy.

WORKSHOP on Industrial Instrumentation & Automation

One day seminar and workshop on Industrial Instrumentation and Automation (Schneider Eu-rotherm PAC System) for eighth semester conducted by Institute of Automation and Process control (IAPC) of EIE Department on January 2015.

Workshop on "FPGA and VHDL coding'

A hands-on workshop on the topic "FPGA and VHDL coding" was conducted for UG and PG students of EEE Department. The session was handled by Mr. Sreeji Nair, a faculty of National Institute of Electronics and Information technology.

An Eight day Training Program

An eight day training program was conducted for the MBA students as a requisite for their campus recruitment. Mr. Abraham George, personality trainer, conducted sessions for GDPI and verbal and aptitude training was conducted by Konfidence Group, Cochin, run by IIM Alumni.

Mathematics Quiz Competition for Dr. T Thrivikraman Trophy

Science and Humanities Department of FISAT Conducted all kerala Intercollegiate Mathematics Quiz Competition for Dr T Thrivikraman Trophy in association with Kerala Mathematical Association on 10/02/2015. 42 teams from various colleges participated in the competition.

Run Kerala Run

It was a historic moment in FISAT when over 3000 students and staff members took to the streets to pledge their support to the 35th National Games and its promotional event 'Run Kerala Run' on 20th January 2015, The mass race that created history was flagged off by Mr. Paul Mundadan, Chairman, FISAT Governing body. Dr. KSM Panicker led the students in the pledge. Mr. P I Bose, Treasurer, Dr. C Sheela, Vice Principal, Dr. Pailo Paul, Dean, Dr. Sunny Kuriakose, Dean, Dr. P A Mathew, Dean& Director, Mr Arun Surendran, Asst. professor, Physical Education Dept., Brahim Subair, Nithin Thampi and Sreekaran led the mass race.

CSE Dept signed MoU with Oracle Academy for Advanced Computer Science Program

CSE Department as part of its efforts to add value to our students and provide support to the student and faculty fraternity has entered into an MoU with Oracle Academy to integrate the Oracle Academy's Advanced Computer Science curriculum. Oracle Academy (http://academy.oracle.com/) is a part of Oracle's corporate citizenship efforts and is mandated to support the educational institutions across the world with the latest software, curriculum resources and professional development opportunities to the faculty with an objective of equipping the Faculties and in turn students with skills and knowledge to help them be successful in their future studies and workplaces. Currently, the program benefits over 1.5 million Faculties and students in 95 countries. The Oracle Academy's Advanced Computer Science program provides students with hands-on access to Oracle database and middleware software, and related curriculum. Students gain exposure to Oracle's world-class software, giving them a competitive advantage when they join the workforce. As part of the MoU, faculty members Mr.Jyothish K John, Mr.Paul Mathai & Sujeshlal attended the training programme offered by Oracle. Interested students can attend add on course which will be offered by CSE faculty members. Grant value of software and support provided through oracle academy is INR 15,995,445.00

An Expert Talk on Electrical CAD conducted

The EEE association conducted an expert talk on Electrical CAD from AUTOCAD and Primevera. The importance of these tools, associated libraries, creation of new files etc were explained in a detailed manner. To enhance the understanding of the students, a real time substation layout was done.

Special Session on skill development (As part of Tesla 2K14)

For the first time in the history of IEEE FISAT SB, a three day International IEEE event was organized that saw a large participation of student members from India and abroad. On the first day, a special session by Prof. Thomas, Chairman of Lead Engineering College, Palakkad was organized from 9. 00 pm to 12.00 am (mid night) on 12th September 2014. Major stunts that motivated the participants and improved their self confidence were conducted during the session.

Python Workshop

A workshop on Python, organized by of IEEE Student Branch-FISAT on 21st September 2014. An interactive session on Python headed by Mr. Mahesh C. and Miss Meera C. got off the ground. The session was an eye-opener on the development, implementation and the employment of Python in web development, software development and development of artificial intelligence. The lab session that commenced at 2.30 p.m. The events of the day ended with presenting memento to Mr. Mahesh C. Application of innovative ideas in real world being one of the major aims of IEEE, the workshop on Python provided a perfect platform for implementation of out of the box ideas of the participants.

Free Software Awareness Programme & Diaspora Yathra

FISAT Free Software Cell (FFSC) conducted awareness programme on free and open source software and Diaspora Yathra at First year FISAT class on 11th Feb. 2014. The FISAT Free Software Cell (FFSC), is dedicated to promote computer users` rights to use, study, copy, modify, and redistribute computer programs. The FFSC promotes the development and use of free software, particularly the GNU operating system, used widely in its GNU/Linux variant. Diaspora Yatra is a campaign to promote Diaspora and privacy in digital communications in India. Diaspora is a non-profit, user-owned, distributed social network that is based upon the free Diaspora software.

FFSC had organized the same programme in Sacred Heard Higher secondary school, Mookkannoor & CKN NSS school Chalakudy on 14th Feb. 2015 & 3rd March 2015 respectively. Anand S of S4 CSE A(Nation level publicity manager Diaspora) coordinated the event. Mr. Aquib, Mr. Goutham, Mr.Jiss & Mr. Ananthakrishnan of S4 CSA conducted workshop classes.

Electrical Association Activities

- Talk on Multilevel Inverter & its modulation strategies-By Dr.Rajeevan, Indian Institute of Science & Technology , Trivandrum 18th August 2014.

- Talk on "Relevance of Mathematics in Engineering By Dr. Krishan Swaminathan, former Prof. Dept. of Mathematics IIT,Madras, 2nd April 2014.

- A hands-on workshop on "Arduino" was conducted by Bejoy Varghese, Asst.Professor in ECE Dept , August 2014.

Interview with Sri. P. V. Mathew, Founder Chairman, F I S A T

Sri. P.V. Mathew was the General Secretary of the Federal Bank Officers' Association (FBOA) from 1987 to 2013. As an initiative of FBOA, a charitable society called Federal Bank Officers' Association Educational Society (FBOAES) was founded in the year 2000, under his initiative, in order to promote professional education in the state. Sri P. V. Mathew was the first secretary of FBOAES. Federal Institute of Science and Technology (FISAT) was started by the FBOAES in the year 2002 and Sri P. V. Mathew was selected Chairman of the first Governing Body of FISAT. Thereafter, he served as chairman of the subsequent governing bodies up to 2013 till he retired from Federal Bank. Presently, he is a member of the Governing Body and Managing Committee.After retirement he beganpractice as a lawyer in the High court of Kerala. Contributions of Sri Mathew, as the Founder Chairman, were seminal and commendable for the spectacular growth and development of FISAT.

1. **How did the Federal Bank Officers' Association conceive the idea of starting an educational institution?**

   Federal Bank Officers' Association (FBOA) is the sole representative body of the officers of the Federal Bank. Currently, there areover5000members in the Association. Although the FBOA has taken up many initiatives for improving the service conditions and other benefits for members of association, we could not extend substantial services to the community to which we owe a lot. So, as a millennium gift to posterity, we have decided to establish an educational institution, in our General Body meeting held at Kottayam on 31st October,1999.That was the beginning of the FISAT project.

2. **What is the motivation for FBOA to start an Engineering College?**

   Later, the idea of starting an educational institution was discussed in the subsequent executive committee meetings of FBOA. Though, Kerala is considered as the State with highest literacy, the opportunity for professional education was limited. Only the rich could afford to take admissions outside Kerala for engineering and medicine. So, the FBOA decided to establish an Engineering College with the name Federal Institute of Science And Technology (FISAT) at Mookkannoor, near Angamaly, to extend Professional Education at affordable cost for students from ordinary families.

3. **How did you identify Mookkannoor as the suitable location for FISAT?**

   Federal Bank was founded by Adv K P Hormis, a great visionary, who was a native of Mookkannoor. As a tribute to him, we have identified Mookkannoor, as the suitable location for the institution and named it as *Hormis Nagar*. Mookkannoor is well connected with rail, road and air. Moreover, there were many Federlitesfrom Mookkannoor. Also, the local people were ready to extend whole hearted support for the venture. It is a developing village with serene environment and scenic beauty,ideal location for an educational institution. Availability of good drinking water in plenty was another attraction for this location.

4. **What were the stages involved in making the dream come true?**

   Once we have decided to go ahead with setting up of an educational institution, we decided to form a Charitable Society called Federal Bank Officers' Association Educational Society (FBOAES), and was registered under the Travancore-Cochin Literary, Scientific and Charitable Society Act of 1955 (Reg. No.ER 1091/2000 dated 07/12/2000), to promote the institution. Soon after the society was registered, we have initiated the activities like identification of land, discussion with Panchayat   and other revenue authorities etc.   25 acres of land was purchased.   Ar. Santhosh Paul was identified as Consultant Architect and a master plan was prepared. The Foundation stone of FISAT was laid by Shri K. P.Padmakumar, Chairman of Federal Bank on 1st January, 2002. Meantime we finalized the branches to start with in consultation with Dr. K S M Panicker,former Principal of Govt. Model Engineering College,Ernakulam,and planned the workshops, labs, library, etc. Along with this, we initiated steps to get the approval of AICTE, Govt. and University. Necessary initial infrastructure was developed before the inspection of the AICTE and University and got approval for four branches viz. Electronics & Communication Engineering, Computer Science & Engineering, Electrical & Electronics Engineering and Electronics & Instrumentation Engineering with an intake of 60 students per branch. Dr. George Joseph, former Principal of Govt. Engineering College, Thrissur, was appointed as the first Principal of FISAT.First Governing body was constituted with Sri. P. V. Mathew as Chairman.Through a systematic selection procedure required members of faculty at different levelswere appointed based on their merit and experience. On 23rd September, 2002, Sri. P. V. Mathew, Chairman Governing body, initiated the spark of education by lighting the traditional lamp and classes of first year B. Tech. course were commenced.

5. **What were the major challenges/constraints faced during the initial stages of the proposal?**

   Mookkannoor being a developed village, the availability of 25 acres of land was a major challenge. With the help of very co-operative, committed local people a meeting was held, numbering around 50, who were the owners of the land. Afterdetailed discussions they were prepared to sell the identified land and we were also prepared to give them more than the market rate. Another challenge was the fund. Out of 1786 members of FBOA, 1586 have joined the society. 89 well wishers have joined as patrons and 18 as grand patrons. Their membership fee as well as contribution from FBOA was the initial capital.

6. **How did you plan the growth of the Institution?**

   Initially itself, we have envisaged an institution with focus on excellence. We were very particular that the infrastructure and facilities must be of international standard to provide the best quality education and training. So we decided to start with branches, for which the cost involved in setting up labs/workshops were comparatively less in the initial stage and to concentrate on branches with heavy investments in the later stage. In order to ensure quality in all the important activities, procedures were implemented and the institution received ISO 9001: 2000 certification in 2003 itself, and subsequently standards were revised to ISO 9001: 2008, from 2010.

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"Even a stopped clock is right twice a day." Anonymous

"There is no labor a person does that is undignified; if they do it right." Bill Cosby

In 2006, additional batches for Computer Science &Engineering and Electronics & Communication Engineering were started along with MBA and MCA programmes. Progress of construction work and infrastructure development was continued as per Master Plan. Well equipped Mechanical Engineering and Civil Engineering branches were started in 2009 and 2011 respectively. Later sixM Tech courses, 2 year MCA programme, additional batches for MBA and B Tech in Mechanical Engineering and Civil Engineering were started in subsequent years, making total intake of 1008 students per year. So the growth was very systematically planned and the infrastructure was suitably improved to maintain the quality. Additional facilities were added to promote research and also for developing softskills to enhance placement opportunities.

7. Who/What were the major supporting factors from the external environment?

The enthusiasm of our members of FBOA and the patronage from Federal Bank was a major support for the institution. The local administration was ready to extend all possible help along with the public of Mookkannoor. Being a higher education institution, promoted by a trade union and having proven transparency in operation with social commitment, the institution received all support from Government, University, AICTE and other organizations.

8. What was the Vision/Mission the promoters had in their mind when they wanted to start an educational institution?

When FBOA decided to promote a technical Institution, it had the clear vision to create a world class professional institution with focus on excellence, shaping committed professionals and technocrats to meet the demands of business, industry and research. We had in mind to impart education to poor, needy and downtrodden irrespective of any caste, creed or religion. Also, to take up social activities which will help and support the society.

9. In your opinion, what are the possible avenues in which the institution can extend service to the society?

Well, there are many avenues in which a technical institution can extend service to the society as institutional corporate social responsibility. The management can offer fee concessions and scholarships for poor students based on their merit and performance. Various activities for empowering the public and school children with awareness programs in environmental and social issues, digital literacy etc can be organized.

10. What are the social activities initiated in FISAT during your tenure as Chairman?

One of the major social activities was a computer awareness programme for the public, especially housewives of Mookkannoor in association with a localyouth club. Many batches of public were trained with basic computer education. Necessary systems and trainers (staff and students) were arranged by the Institution. Nearly 950people got the benefit of the programme. Computers were donated to local Government and Aided schools.

Support in terms of money and materials were extended to old age homes, orphanages etc. Financial assistances were given to poor for medical treatment, repair and maintenance of houses. As a part of Decennial Celebrations of the institution, 10 houses were constructed and handed over to poor people in Mookkannoor and nearby areas. The whole expense was met by students, staff, alumni and management. Participation of the students was ensured in the construction work of the houses which has imbibed in them commitment to society.

College has organized many seminars and exhibitions to Public and in local schools giving importance to Environental Protection, Energy Conservation, Water Resources Management, Sanitation and Health care etc. To train students in Organic Farminga Poly House was constructed and student participation in agriculture was ensured.

Scholarship, fee concessions and other financial assistance to the tune of overRupees 8.07 Crores were given to poor and needy students, so far, by the management. Students enjoyed benefits of nearly an equal amount from Governmentfee concessions and scholarships.

11. Looking back, do you feel that the objectives with which the institution has been started are achieved?

I am indeed happy to say that most of our objectives in starting this institution is getting achieved. The institution is one of the most sought after engineering college, with highest rate of admission. The growth of the institution to the present level was as planned. Labs, library and computing facilities are excellent. Very good placement, high academic output, university ranks, achievements in arts and sports activities made this institution a destination of Technical and Management Education. The innumerable services rendered to the poor and society, financial assistance extended to the needy, large fee concessions and scholarships given on transparent basis to the students are examples of our major charitable activities.

12. What are the possible ways in which FISAT can grow now?

FISAT has now grown as a full-fledged Post Graduate center for Technical Education with B Tech, M Tech, MBA and MCA programmes with a total intake of 1008 per year, as against 240 when the college was started in 2002. The total strength of students now exceeds 3000 in an academic year.Our present thrust will be to improve the infrastructure facilities and activities to strengthen Research and Consultancy activities. Already we have set up research centers in all the departments and considerable research works are being carried out by our post graduate students and faculty members. Nearly 50 of our teachers have registered for Ph. D and carrying out the research using the facilities of the College like library, laboratories and in house developed super computer. Consultancy is another area in which further growth is envisaged. Additional facilities like Fab lab, Innovation Entrepreneur Development Cell (IEDC) and innovation, incubation and entrepreneurship hub etc are some of the new ventures that we are taking up with the help of A P J Abdul Kalam Technological University, Kerala, Federal Bank launch pad, and Government of Kerala.

13. In your view, what are the strengths of FISAT and what are its challenges?

FISAT has a secular professional management committed to govern the institution on not for profit basis. Selection of students and faculty are done on merit basis only. Manage-ment is ready to add any infrastructural facilities that are needed for best teaching learning process and promotion of research. Fully computerized well stocked library, Digital library with over 5000 on line journals, over 1000 computer connected to a super computer, advanced research and innovation centers etc. are some of the major strengths. Highly qualified faculty, modern tools for teaching learning processes and conducive environment for academic activities etc are contributing to the growth of institution. Campus placement is continuously increasing and now all employable students are getting placed during the final year, in reputed firms with decent salary. Accommodation and transportation facilities are available for staff and students. The campus is made environment friendly by installing a Sewage Treatment Plant, Insinuator,Poly house, promoting agriculture, planting trees and arranging E-waste disposal.

Resource mobilization for research and innovation has to be strengthened through national and international exposure of faculty and students. Viable proposals and patents will attract funds from Governmental, public and private agencies.

14. Where do you see FISAT ten years from now?

The ultimate aim of the management is to develop FISAT into a 'Centre of Excellence and a Power House of Knowledge'. Presently the institution is in the process of accreditation by National Assessment and Accreditation Council (NAAC), and we will be going for accreditation by National Board of Accreditation (NBA) soon. Once we are accredited, we will go for autonomy which gives complete flexibility

for academic, administrative and financial activities. This helps the institution to add innovative programmes and courses which enhance entrepreneurial skills leading to self-employment and promote innovation and research.

15. As promoters of the institution, do the members of the society enjoy any priority for admission/fee concession?

Merit is the only criteria considered for admission and appointments right from the beginning and hence the members were not getting any priority/quota for admission. However, as an incentive, children of promoters were given performance linked scholarships. Later from 2011-2012 academic year, Government introduced 15% quota for children of members/ patrons of the society (FBOAES) who are the promoters of the institution.

16. When you recollect, youmight have received support from many in grooming FISAT to this level. How do you view it?

As I have mentioned earlier, it has been a collective effort of all stake holders. The support and commitment of the members of FBOA and FBOAES has been the major contributing factor for the growth of the institution. We have received patronage from Federal Bank all throughout these years. The members of successive managing committees, Governing Bodies, the staff, parents and students were always very supportive in all activities. I remember, the first managing committee with Mr. SatheeshchandraBabu R. (President), Mr. Mathew Jacob, (Vice President), Mr. P. V. Mathew (Secretary), Mr. V. K. Prasad (Associate Secretary), Mr. Joseph Mathew (Treasurer), Mr. Sathyamoorthy S. (Associate Treasurer) and members Ms. Georgina George, Mr. Raveendran K, Mr. Ramachandran P V, Mr. Rajavarma E. K., Mr. Bousally P. D. and Mr. George C. Chacko started activities most enthusiastically even before its formation. The succeeding managing committees with respective presidents, Mr. Mathew Jacob, Mr. V. K. Prasad, Mr. Bousally P. D., Mr. Antony Johnson, MsAnitha P., who served alsoas the vice Chairmen of the Governing Bodies, office bearers and committee members have whole hearted involvement in all the activities.Mr. Joseph Mathew, Mr. E. K. Raja Varma and Ms.Anitha P.,past treasurers, managed the accounts meticulously in their respective tenures.Mr. Mathew Jacob, Mr.KurichanPoulose, Mr. T. P. George, Mr. Xavier Gregory and Mr.K. J.Sebastianextended their sincere service tothe institution as Vice Presidents.

The advice and suggestions of Dr. K. P. Rajappan, Mr. K. P. Fabian I F S (Rtd) and Prof Jose Papu, as the members of advisory committee, Ar. Santhosh Paul, as the consultant architect, and Dr. K S M Panicker, as the academic advisor, have been very helpful for the systematic infrastructure development and academic growth of the institution. I faithfully recollect the role of all the staff members under the leadership of past Principals Dr. George Joseph, Dr. K S M Panicker,Dr.Pailo Paul, Dr. P. S.Sreejith, Dr. K. V.Sundaresan,Dr. C. Sheela,and Chief Administrative Officer, Mr. Prakash C.Chandy.

The new Decennial Block Building with 101250sq ft area is completed under the leadership of the present committee and it will be a major boost to the accelerated growth of the institution. The latest initiative for starting an Architectural College under the auspices of the society is also a major forward movement of the Society.

I extend my good wishes to Mr. Paul Mundadan (Secretary of the Society and Chairman of Governing Body) Mr. Antony Johnson (President of the Society and Vice Chairman of Governing Body), and Mr. P. I. Bose (Treasurer), other office bearers and members of the managing committee, Dr. George Issac, present Principal, for effectively taking the institution to new heights of growth.

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FISAT Trophy All Kerala Inter Collegiate Basketball Tournament

FISAT Trophy All Kerala Inter Collegiate basketball Tournament began at FISAT stadium on 23rd March 2015. Ms. Elizabeth Susan Koshy, Gold medal winner, National Games inaugurated. Mr. Paul Mundadan, Chairman, FISAT Governing body presided. Mr. P I Bose , Treasurer, Dr. K S M Panicker and Mr. Arun Surendran spoke on the occasion. FISAT Basketball team won the FISAT Trophy All Kerala Inter Collegiate Basketball Tournament on 26th March 2015. In the finals they defeated Viswa Jyothi Engg. College, Vazhakualam (61-42). Mr. Paul Mundadan, Chairman, FISAT Governing body presented the trophies.

FISAT Sports Day

FISAT Sports Day was conducted on 4th Feb 2015. Mr. Paul Mundadan hoisted the flag and inaugurated the meet around 350 students participated in the day long event.

FISAT won Rajagiri Trophy

FISAT Engineering College won the Rajagiri Champions Trophy All Kerala Inter collegiate Cricket Tournament. In the finals they beat KMEA Engg College, Edathala by 8 wickets. KMEA took 114 runs in 15 overs with 3 wickets in hand. In return FISAT reached the target in 13 overs with 2 wickets loss. T M Manu (47) and S Sreekaran (42) of FISAT were the top scorers. Joel Georgie was adjudged as Man of the Tournament. Dr. J Issac, Principal, Rajagiri College gave away the prizes.

Congratulations ! FISAT Sports Team !

Sl No	Event	Venue	Position
1	M.G.University Inter Collegiate Football Tournament	M.A. College, Kothamangalam	Quarter Finals - Participation
2	M.G.University Inter Collegiate Table Tennis Tournament - Men	Chinmaya Vidyapeet College, EKM	Runners
3	M.G.University Inter Collegiate Table Tennis Tournament-Women	Chinmaya Vidyapeet College, EKM	Winners
4	M.G.University NZ Inter Collegiate Basketball Tournament north zone	S.H.College, Thevara	Third
5	M.G.University Inter Collegiate Chess Championship	St.Thomas College, Pala	Fourth
6	M.G.University North Zone Inter Collegiate Chess Championship	Maharaja's College, Ernakulam	Runners
7	All Kerala Intercollegiate Basketball Tournament	S.H.College, Thevara	Fourth
8	M.G.University Inter Collegiate Badminton Tournament	M.A. College, Kothamangalam	Participation

FISAT Trophy Inter Collegiate Football Tournament began at FISAT Ground. Former Indian Captain Mr. Joe Paul Anchery inaugurated the tournament. Dr. K S M Panicker, Principal and Mr. S Arun were present on the occasion.

5TH FISAT Trophy All Kerala Inter Collegiate Basketball Tournament began at FISAT stadium. Olympian Padmasree M D Valsamma inaugurated the Tournament.

FISAT Basketball team won the Rajagiri Trophy Basketball tournament. In the finals they have defeated the Rajagiri college, Kakkanad (50-46).

FISAT Table Tennis teams won the M G University Men's and Women's championship.

A meeting to felicitate the winners of various extra curricular events were held in the Southern Quadrangle of the college.

FISAT Trophy All Kerala Inter Collegiate Basketball Tournament began at FISAT stadium. Olympian K M Binu inaugurated the Tournament.

Congratulations FISATians, represented M.G. University last year

Sherfin, CS
Chess, South Zone Inter University

Anil P Joseph, CS
Table Tennis, South Zone Inter University

Ahlad Ajay, EC Student
Table Tennis, South Zone Inter University

Lia Chacko, EC Student
Table Tennis, South Zone Inter University

Aparna Shaju, CS Student
Table Tennis, South Zone Inter University

Akhila Venugopal, CS Student
Table Tennis, South Zone Inter University

Zanal Nazer, MBA Student
Cricket, South Zone Inter University

Angilo Porathur, ME Student
Table Tennis, South Zone Inter University

AICTE sponsored National Conference on "Value Creation in Services: Issues and Challenges"

Anational level conference on the Innovation and Value creation in services was held on July 18th and 19th 2013.It was Inaugurated by Dr. V.A. Joseph, MD and CEO, South Indian Bank Ltd. The first plenary was chaired by Dr. Simon George, Dean of Management, TAPMI. Speakers for this session were Mr. Vinu Varghese, senior VP, Operations, Idea Cellular and Mr. Praveen Kamath, General Manager and Global Head, Talent Transformation, Wipro. The second Plenary session was chaired by Dr. Mary Joseph , former Director, FMS, CUSAT. The speakers were Dr. G. Padmakumar, Medical Director, Sunrise Hospitals and Mr. George Mathai, CEO, Riya Travels. The third Plenary was chaired by Professor Saji Gopinath, Dean, Development , IIM Kozhikode. The distinguished speakers were Mr. Samoj Panicker, Director, CRISIL, Mr. Manoj of Facebook, Hyderabad , and Mr. Isaac. E.A., AGM, Federal Bank Ltd. The conference saw about 40 paper presenters- research scholars, practicing academics and aspiring educators spread over six technical sessions in two days.
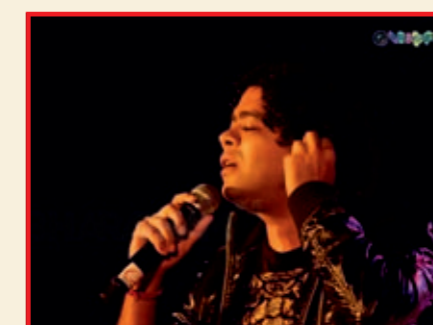
The fourth National Conference, ICEFOSS'15 was organized on 15th and 16th January 2015 by the Department of Computer Science & Engineering and FISAT Free Software Cell (FFSC)jointly. ICEFOSS`15, as proclaimed by its recursive acronym is a conference for Enthusiasts of Free and Open Source Software. It aims at providing an open platform for idea exchange, discussions and awareness.

ICE FOSS`15 highlighted a multitude of events spanning two days, that encompass talks on the philosophical and technical aspects of Free Software, workshops, expos and open discussions. Dr. V. Sasikumar, Board Member, Free Software Foundation of India, inaugurated the conference. Over 200 delegates from both educational institutions and industry across the country attended the conference. Distinguished guest speakers presented latest learning technologies and training delivery methods.

FISAT Art's Club - Activity BHARATHAM – 2015

Bharatham 2K15 was held on 6th and 7th February 2015 at FISAT. Mr Paul Mundadan, Chairman, FISAT Governing body presided on the inaugural session.Around 1000 young artists took part in the two day mega event. Choreo night was a colourful event held in the open stage on the first day evening. Mr. Paul Mundadan gave away the prizes to the winners. Mr. Naresh Iyer, play back singer performed on the second day eve.

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An industrial visit by IEEE FISAT Student Branch

An industrial visit was organized by IEEE FISAT SB to Startup Village, Kalamassery on 16th march 2014. IEEE FISAT SB Branch counselor Mr. Praveen V accompanied us. We reached Startup Village by 9:30 am. The participant lot was 53. There was an introductory talk about Startup Village given by Mr. Gokul Kavanalayam (Director, Technical Incubator, Startup Village). Which was followed by two more talks by Mr. Midhun (CEO, Exam voice) and Mr. Akash Mathew (CEO and co-founder , CIED technologies). The talks were followed up by 2 group activities. The whole lot was divided into 5 groups. The first activity was to find out implementable ideas from the first page of a given newspaper. All the groups came out with variety of ideas at a rate of about twenty ideas in just five minutes. The second activity was all about making a hammock of any variant using a newspaper within a time limit of fifteen minutes. The five groups came up with five marvelous variants of hammocks. After the group activities fun sessions were conducted. We left Startup Village by 3:00 pm.

Training Conducted by MBA Dept.

1. Moodle a learning management system of choice in the top tier business schools has been introduced with a view to enable continuous learning and access to materials through individual faculty course sites. Instant grading systems a variety of testing options like daily updates, assignments and multiple choice questions and case write-ups are also enabled.

2. Microsoft excel program for 50 hours over the first semester students - The Microsoft advanced office skill program given to the first semester students every year is executed by the Corporate training MICROSOFT certified center 'the Strategist' based in Kochi. Exposure to basic and advanced operations, in house task conceptualization and execution and application of MS EXCEL in professional and academic spheres is part of the curriculum.

Agriculture Farm by SWAN (Sanguine Workers & Admirers of Nature) - Nature Club of FISAT

"Nature…Environment…Conservation… are mere words unless one sees nature as an extension of oneself and responds from the heart to facts which the head relates to".

The Nature Club of FISAT (SWAN) is one of the most active college based nature clubs in Kerala established in 2002. It is an organization dedicated to promote natural sciences, ecology and conservation of nature.

SWAN members under the leadership of Ms. Jiji Antony, Staff Coordinator cultivated cabbage and cauliflower in the campus on 16th January 2016. The Vilaveduppu of the same was held. Mr. Paul Mundadan, Chairman, FISAT governing body was the chief guest. The Krishi Bhavan Mookkannoor is extending its services for the Farm.

Elxir 2014

The event was aimed at improving the volunteering and managerial skills of the IEEE student members . Also, To select a documentation team for the SB. The day kicked off on 11th Jan 2014 with the Ice Breaking session headed by Emil Jose. This was followed by the Entrepreneurship workshop by Meera Radha krishnan (Curator Startup Village), Nithin George Charuvila (CEO Q play Technologies) and Akash Mathew (CEO and Founder of CIED Technologies.) They shared their experience at startup village and also discussed the challenges they had to face being into the world of Entrepreneur-ship. A Guidance session was given to the first year IEEE members by Emil Jose and Deepak Mohan on how to conduct Cognizance. The documentation session, which brought the day to an end helped to find the eminent documentation team for the SB.
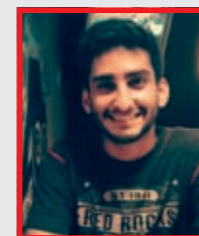

From Alumni….

My name is Alen George and after passing out of FISAT i was placed in Microsoft Global Technical Support Center at Banglore. I was one of the 80 odd students hired at Microsoft GTSC that year from across India.

Keen troubleshooting skills and the ability to quickly ramp up on new technology with minimal training has become a core part of my skillsets since the days when i was a part of the HPC research group in Fisat.

At FISAT I was encouraged to trust myself, be fearless in chasing my dreams for the future and explore new things. This helped me to challenge myself and appreciate the oppurtunities and responsibilities that came along with it. Visan Varghese, Lead Consultant at Wells Fargo, USA
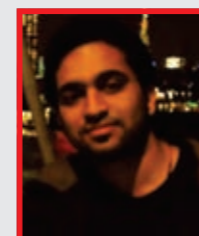

Jayadev Vasanth Nair I'm currently doing my Master's in Electrical Engineering at the University of Colorado at Colorado Springs (UCCS), having graduated from FISAT in 2014. I would say probably THE most defining moment/period, throughout my 4 years at FISAT, was my 6th semester and everything that came along with it. Anyone making a resume/CV would know, that one way or another, your profile has to somehow stand out and my 6th semester provided that for me.

FiSAT – Finding the Best in me

FISAT is something that brings so much of intimacy that nothing else can match, the reason for what I am today. The opportunities, faculties, facilities and the grooming that FISAT offered me was really priceless. Both professionally and as a person, FISAT helped me to find the best in me. I owe a lot for my college for the best platform it gave me.

Dony Jose

Charles Sebastian

Operations Manager, Tryzens India.

"The learnings from the 4 Years in FISAT formed the solid base for a very strong career ahead. It transforms any student into a thorough professional and helps you frame a great personality. The institution has all the high-tech facilities required for our overall growth and an excellent placement cell which makes FISAT so special. Always proud to be a FISAT-ian !"

Anil Unnikrishnan

"Entertainment Technology Center, Carnegie Mellon University"

At FISAT, I got a wholesome college experience. It was here that I had some of my best academic memories and I understood my potential. I'm not sure if I'd have chased my dreams if not for the inspiring and encouraging faculty in this institution.

What is life but a collection of experiences of different hues.But the ones that are most vivid and bright are the ones that I spent in college. I still owe my college for helping me excel not only in my studies, but more importantly grow as a person. Initiatives taken by the college and my Department(CS) to ensure that we did our projects on our own made us tackle problems.

Archana Satheesh Kumar

"I completed BTech in Computer Science from FISAT in the year 2006. I was placed in IBS Software, Technopark via the campus recruitment drive immediately after the completion of my course. I believe my days in FISAT has helped me become a well-rounded professional which stood in good stead during my career growth till now. Apart from the technical finesse, I developed my organising skills and communication skills through various extracurricular activities in FISAT. "

Syamjith S

Fisat is the best place for a person looking for opportunities. The college offers a solid ground for its students to improve their skills, be it social or technical. The campus used to always buzz with new initiatives, seminars or fest which brings out the best in us, if you are ready to seize the chance to shine. Even after coming out of the college and entering the corporate world, the handful of fisat students does stand out with their excellent communication skills, leadership qualities, pro-activeness and efficiency.

Teena Mary Kurian

Mediocre grades and an extra subject in my bag had put me in dire straits, it was the faculty associated with FISAT who helped me in re-discovering myself and figuring out my career path. The teachers were genuine well-wishers who were involved in all phases of my BTech constantly reprimanding and correcting me. Now as I live my dream, I can't thank them enough for guiding me through the storm.

Vivek Kanissery

Carnegie Mellon University

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Pay beforehand if you would have your work poorly done. Proverb

"Permit no hour to go by without it due improvement." Thomas P Kempis

Fourth International Conference

ICHPC ' 2014, the fourth International Conference on "ADVANCED COMPUTING AND COMMUNICATION TECHNIQUES FOR HIGH PERFORMANCE APPLICATIONS" was conducted from June 19-21,2014. The IC4 met its expectation to attract and bring together the industry leaders, scientists, academics, engineering professionals, policy makers, and government officials to the presentations of keynotes, panels, technical papers, workshops, tutorials, and mini-conferences.HPC has undergone impressive changes over recent years. New architectures and applications have rapidly become the central focus of the discipline and so it is of paramount importance to review and assess these new developments in comparison with recent research achievements.

IC4 invited papers from Parallel Computing Algorithms,Computing Practice and Applications, High Performance Computing, Cryptography and Security, Communication Protocols for computing, Biomedical Engineering, Network security in distributed applications , Internet- Web-based Computing, E-commerce, and Telecommunications in applications.

Chief Guest of the conference was Prof. Dr. V N Rajasekharan Pillai, Executive Vice- President, Kerala State Council for Science, Technology and Environment. Mr. Paul Mundadan, Chairman, FISAT

Governing body presided. Dr. M R Santhoshkumar, CSI chapter, Kochi delivered the keynote address. Ms. P Anitha, Vice Chairperson, FISAT Governing body, Mr. P I Bose, Treasurer, FBOAES, Dr. K S M Panicker, Principal, Dr. Pailo Paul, Dean, Dr. J C Prasad, HOD,CSE Dept and Dr. Sunny Kuriakose, Dean spoke on the occasion.

The resource persons, Dr.Chandrasekaran K, Professor, National Institute of Technology, Sooratkal, Dr.M P Sebastian, Professor, Indian Institute of Management Kozhikode, Calicut, Dr.Vijayakumar, Professor, School of Computer Science, M.G.University, Kottayam, Mr. Deva Joseph, Delivery Center Head of Digital Enterprise Services and Solutions -TCS Kochi, Dr.Sunny Kuriakose, (Conference Chair) FISAT, Dr.G Santhosh Kumar, Dept of Computer Science, CUSAT delivered technical talks at the conference.

We received a good number of papers. After a thorough review, 40 papers were selected for paper presentation. Presented papers were published in International Journal of Computer applications published from USA having an impact factor. The concluding ceremony of the conference was on 21st June,2014.Dr.KSM Panicker, Principal, FISAT presided the meeting. Dr. Prasad JC, Dr. Arun Kumar MN spoke on the occasion. Many delegates from different institutions and experts around the world participated in the three day conference.

Dr. V. N. Rajasekharan Pillai
Executive Vice President &
Principal Secretary, Science &
Technology Department, Kerala

Dr. Chandrasekaran K
Professor, National Institute of
Technology, Sooratkal

Dr. M P Sebastian
Professor - Information
Technology & Systems
IIM - Calicut.

Dr. Vijayakumar
Professor,
School of Computer Science,
M.G.University, Kottayam

Deva Joseph
Delivery Head,
TCS Digital Enterprise CoE

Prof. Santhosh Kumar M.B
CUSAT

Dr. Sunny Kuriakose
Dean, FISAT

Weeklong Enrichment Program

Starting from the afternoon of the same day the entire batch of 120 students of 2014-16 were introduced to the week long training program held by Mr. Thomas of Lead Academy, a specialist in group dynamics, trainer par excellence and a regular visitor to the engineering department students for their personality training done in the Vth semester for students. This was a new experience for the fresh minds as he was able to help them think out of the box and towards a management perspective- this has enormously helped them tackle pressures during the course.

His training titled "Turning Point" is structured as a six day workshop intended for identifying capacities of each individual , making each of them to fix a goal according to their capacities and then to program a plan for reaching the goal. It is alos intended to develop the inter/intra personal relationship of individuals and to build their confidence while facing the public, attending interviews, group discussions and so on. Each participant is made to identify the strengths that will help him to stand out in a crowd. Help is also provided to find out a career that will best suit each of them. The program uses subconscious mind programming to make use of subliminal suggestions to influence behaviour.

Rashtriya Ekta Divas

Under the directive of the Central Government all educational institutions commemorated 31st October as 'Rashtriya Ekta Diwas. Coordinated by Professor Molly Joseph the event was conducted by the MBA students. They delivered speeches on the importance of unity in diversity, the challenges faced by youth,

the turbulent external environment and how India as a country was a model of achieving singular growth despite intensely diverse cultures, traditions and attitudes. It was beautifully conducted and was well appreciated by all.

Micro Workshops

The IEEE Student branch of FISAT had organized a Micro workshop on "Digital Cinema" taken by Mr. Anoop K Anand of IEEE FISAT SB on 10th August 2014. In the afternoon, a Micro Workshop on "GIMP" was taken by Siddarth S. The audience comprised of second year B.Tech IEEE members.

Class on Green Manufacturing

A class on green manufacturing was conducted on 4 November, 2014. Green Manufacturing is an increasing trend adopted by the industries across the world was handled be Ms. Jeenia T, which was oriented in giving the students an idea of how the same is done, benefits, methods of activation etc.

Induction Programme - 2014

The Induction Programme for first year B. Tech batch - 2014 was held in the auditorium on 4th August 2014. Mr. Paul Mundadan, Chairman, FISAT Governing body inaugurated the meeting. Ms. P Anitha, Vice Chairperson, FISAT Governing body and President, FBOAES presided.

Dr. K S M Panicker, Principal welcomed the gathering. Mr. P I Bose, Treasurer, FBOAES, Mr. Abdul Nasar, Associate Secretary, FBOAES, Mr. P V Mathew, Founder Chairman and Governing body member, Dr. C Sheela, Vice Principal, Dr. Pailo Paul, Dean, Dr. Sunny Kuriakose, Dean, Mr. Jose Madassery and Mr. Jiby Varghese spoke on the occasion. Governing body members Mr. E K Rajavarma and Mr. George C Chacko were also present on the occasion. A large number of parents and newly admitted students attended the programme.

Best Paper Awards

1. Ambily UnniKrishnan, EEE Dept : Received Best paper Award for the paper entitled "Double Stage Buck Boost Converter for LED lighting Applications"presented in the IRF International Conference held at cochin, India on 6th July 2014.Guided by Rabiya Rashid,Asst.Professor.

2. Prof. Sindhu George MBA Dept Won the Best Paper Award in the National Conference held at SNGIST on October 15th and 16th for the paper "The factors that influence investors when choosing mutual funds".

   Anupama V.C, EEE Dept : Received Best paper Award for the paper entitled "Design and Development of a Multi-Output Soft Switching Active Clamp Fly-back Converter Power Supply" presented in the National Conference on Emerging Technologies held at Govt.Engineering College,Barton Hill on 1st & 2nd August 2014.Guided by Surumi Hassainar, Asst.Professor.

3. Joyce Jacob, EEE Dept : Received Best paper Award for the paper entitled "Comparison of speed control of BLDC motor using PI controller and LQR "presented in the International Conference on Emerging trends in Power Electronics,Power Systems,Energy Management&Control System held atSt.Joseph College of Engineering,Palai,.Guided by Surya Susan Alex,Asst.Professor,Senior Grade.

4. Nirmal S, EEE Dept: Received Best paper Award for the paper entitled "Wind Solar and Wind Hydro Hybrid System with Battery Storage"presented in the IRF International Conference held at Bengaluru ,India on 5th July 2014.Guided by Rinku Scaria,Asst.Professor.

5. Sarah Ben Abraham, EEE Dept: Received Best paper Award for the paper entitled "High Step-up Dc-Dc Converter with Voltage Multiplier Module"presented in the IRF International Conference held at cochin ,India on 10th August 2014.Guided by Riya

Release of Edited Volume

The edited volume of articles of the 2013 FORUM Conference on Value Creation in Services was officially released by Mr. Paul Mundadan handing over a copy to the Cheif Guest of the day. This compilation was brought out by Excel Publishers, India, and was edited by Dr. Joshua A.J, Professor and Dr. Anoo Anthony, Associate Professor, FISAT Business School.

Release of Published Book

The release of a title published by faculty member of FBS Dr.Anoo Anna Anthony. The book titled SMEs in Indian Textiles: The Impact of Globalization in a Developing Market" was released by Palgrave Macmillan publishers in the UK in September 2014. It was officially released during the conference in April by Dean Dr. P.A. Mathew handing over a copy to Mr. Paul Mundadan, Chairman, FBOAS.

IMPULSE

Women In Engineering wing of IEEE FISAT SB organized a National WIE event on 5th July 2014 that saw 2and the guest of honour was Mrs.Parveen Hafeez, the MD of Sunrise Hospitals. The event started with an ice breaking session by Vishakha Khona, previous HSR of Kochi hub, which made the participants in the ease of their mood. The inauguration of Impulse 2k14 was officialy done by Mrs.Parveen Hafeez. Principal Dr.K.S.M.Paniker, Chairman Mr.Paul Mundadan, IEEE Student branch counsellor Mr.Praveen.V and WIE chairperson Ms.Jiya Jose lighted the lamp. Mrs.Parveen Hafeez switched on the illumination of impulse created by the members of IEEE student branch FISAT.

The main attraction of Impulse was the competition LAINDUSTRA. A project development workshop was held at the hardware lab. It was taken by Mr.Pankaj Kumar, staff of computer science department, F1SAT.Arjun R Pillai,IEEE awards committee chair, handled the second workshop which was on the managerial skills. Parallel to the workshops the competition LAINDUSTRA was also being conducted. Vishakha Khonaprevious HSR Kochi hub, Vishnu Shankarlink tech coordinator, computer society India council SAC Vice chair, Dinu Sam Babu link vice president and Mahith Menon. Mr.Praveen, the student branch counsellor presented the certificates for the winners of the competition LA INDUSTRA.

Placement and Training Cell (PTC)

The Placement and Training cell is continuously working hard to train the students as Industry ready. Systematic and professional trainings are organized for students as part of PTC. As a result, commendable achievements are recorded till date. From the first batch onwards students are placed in top MNCs.
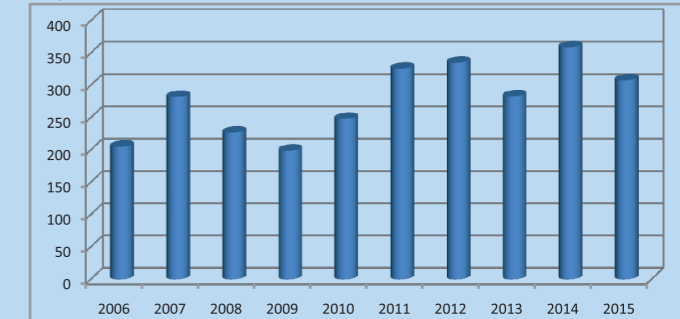
The main focus of trainings is in the areas of

1. Communication
2. Soft Skills
3. Aptitude
4. GD & Interview

These trainings are imparted from early semesters of their course till the final year. This helps the students to attend the recruitment process with great confidence. Apart from this, Industry Interaction programs, Invited Talks and group activities are moulding the students to the level of Industry professionals. The activities of the PTC are executed through placement coordinators of each class. Placement cell is also arranging opportunity to do the Project Internship in reputed IT firms like TCS, Robert Bosch etc.

FISAT is accredited by TCS, Campus Partner with UST Global and Gold partner with Keane.
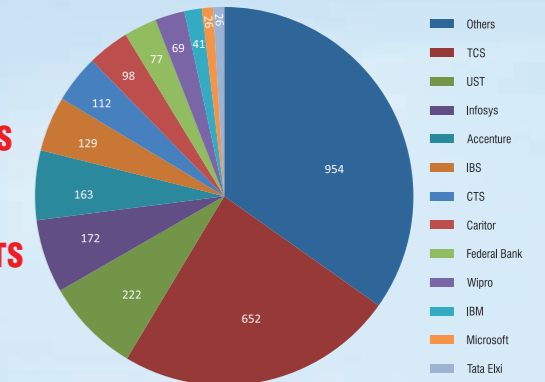
The placement cell is hosting exclusive and pooled recruitment drives of all major MNCs. With the tie up of nearby colleges, the students are getting more opportunity to attend placements. The major recruiters include TCS, Accenture, IBS, UST Global, Infosys, Robert Bosch, Federal Bank and many more The record of placement for MCA students in FISAT is one of the highest among all the MCA colleges across the state. 2013 pass out batch has emerged as the top placement holding batch.

Placement Chart and Statistics

YEAR OF PASS OUT	NO. OFFERS
2006	205
2007	282
2008	227
2009	199
2010	248
2011	326
2012	335
2013	283
2014	359
2015	308

LEADING RECRUITERS IN FISAT – 2777 PLACEMENTS TILL DATE

Others, TCS, UST, Infosys, Accenture, IBS, CTS, Caritor, Federal Bank, Wipro, IBM, Microsoft, Tata Elxi

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"Quality is remembered long after the price is forgotten." Gucci Family Slogan

"The best ad is a good product." Alan H. Meyer

BEST WISHES TO
Dr. K. S. M. PANICKER

Dr. K.S.M Panicker, our beloved principal has successfully completed his tenure and will take charge as the Director, Academics, FISAT. After graduation in Electrical Engineering from REC, Calicut and Post Graduation from College of Engineering, Thiruvananthapuram, he joined NSS College of Engineering, Palakkad in 1974, as a Lecturer in Electrical Engineering. He has worked as, Professor of Electronics and Communication Engineering during 1990 to 1994. He was awarded PhD from IIT, Delhi in 1986. From 1994 to 2008, he worked as the Principal of Govt. Model Engineering College, Ernakulam, NSS College of Engineering, Palakkad and Federal Institute of Science and Technology, Angamaly. He has also worked as Professor and Head of Electrical & Electronics   Engineering, European University at Lefke, North Cuprus, during 2008 - 2009. He has over 42 years of academic and administrative experience. He has guided many Ph.D / M.Tech projects. He is a Fellow of The Institution of Engineers (India), Fellow of Institu-tion of Electronics and Telecommunication Engineers and Fellow of Global Strategic Management Inc., U S A. He is member of IEEE, USA and life member of ISTE, New Delhi. He has published over 40 papers in Journals and Conferences at International and National level.

We are grateful for his valuable services and wish him success and eminence in his new assignment.

HEARTY WELCOME
TO OUR NEW PRINCIPAL

We are glad to welcome Dr. George Issac, our new principal to the FISAT family. Dr. George Issac was the former principal of Mar Athanasius College of Engineering, Kothamangalam. He received B.Sc Engg (Mechanical) degree from the University of Kerala in 1981, M.Tech (I I T Madras) and Ph.D (I I T Madras) in 1984 and 2003 respectively. His areas of interests are Industrial Management, Human Relation Management, Quality Manage-ment, Operations Management and Organizational Behaviour. He has published several articles in international refereed journals. He has been a member of several professional societies and learned bodies. He has 28 years of teaching experience and has served as principal of MACE from June 2007 to May 2015.

Dr. George Issac is a good administrator and eminent academician. As the principal of FISAT, we hope that he will take this institution to new heights. We wish him all the success in his endeavours.

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