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1. Abstract

Government Engineering College, Sreekrishnapuram was established in 1999 at Sreekrishnapuram Village of Palakkad. The serene atmosphere is conducive for academic work and the institution has made its presence felt in the professional landscape of the state within a short span of time. Endowed with brilliant students and dedicated faculty, it is on the path of development. The college presently has Four undergraduate courses of study, namely Computer Science & Engineering, Electronics & Communication Engineering, Information technology and Mechanical Engineering and a postgraduate course in Computer Linguistics, Which are approved by AICTE. All the key systems required for a healthy institution, such as advisory system, the career Guidance and Placement unit, student chapters of professional bodies like the IEEE and ISTE, an active parent Teacher Association, Students Co-operative Society, Alumni Association, etc., are already in place, This document summarizes the performance of the institution during 2015-2016, touching upon the academic, developmental and financial aspects.

ACHIEVEMENTS /IMPROVEMENTS IN 2015-16



A startup Sastra Robotics by our alumni, Mr. Aronin P., Mr. Achu Wilson bagged first prize in the Humanitarian Robotics and Automation Technology Challenge conducted by IEEE Robotics and Automation Society, as a part of IEEE international conference on Robotics and Automation, 16-20 May 2016, Stockholm Sweden.



Ajeesh Kumar- CSE
GATE Topper 2016



Vishnu K P- ME
GATE Topper 2016

- College digital library facility and Central computing facility was inaugurated on 7th January 2016 by Hon. Jail DGP Mr. Rishiraj Singh. Hon. MLA Mr. M Hamsa presided the function. Technology Business Incubation Centre started its functionality and offered to external entrepreneurs from January 2016.
- Labs were equipped and made ready to use in mechanical engineering department, including Instrumentation lab, Fluid Machinery Lab and Thermal Engineering Lab
- Renovation of programming lab in IT department is completed with structured networking, installation of smart boards and projectors and adequate UPS units. Seminar hall was set up in the department with a seating capacity of 50. Department library tile work completed purchased more relevant books pertaining to department.
- Advanced Communication Lab of ECE Department was equipped with Vector network Analyzer and structured network cabling and setup was completed.
- More number of students were qualified in GATE examination. Mr. Ajeesh Kumar of CSE bagged a rank 265. More number of students represented our college in national level technical fest and competitions
- College hosted a National level technical fest with technical talks, workshop, seminars and technical competitions at undergraduate level.

2. DEPARTMENTS AND THEIR ACHIEVEMENTS

2.1 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

1. Invited Talks

| Sl. No. | Details of Activity | Date & Duration | Participant | Title of Paper |
|---------|---|--|-------------|--|
| 1 | Expert Lecture by Dr. T V Geetha, Senior Professor, Anna University | 28/03/2016- 29/03/2016 (2 days) | PG students | Text Categorization and word sense disambiguation |
| 2 | Expert Lecture by Mr. Anilkumar S, Assistant Professor, GEC Idukki | 05/04/2016- 08/04/2016 (4 days) | PG Students | Complexity Theory and Approximation Algorithms |
| 3 | Expert Lecture by Dr. Vaskar Ray Chaudhary, Assistant Professor, IIT Roorkee | 31/03/2016- 02/04/2016 | PG Students | Research Trends in Networking and Distributed computing |
| 4 | Expert Lecture by Ms. Sangeetha | 15.02.2016, 16.02.2016 | PG Students | Using the Ontology Editor, Protege |

Dr. Rafeeqe P C , Professor Dept of CSE Chaired a session in connection with the fourth international conference on emerging trends in Engineering science & Technology (ICETEST-2015) held at Govt Engg College Thrissur During 9-11 December 2015

2. FSD In-House Programs

| Sl. No. | Program Title | Date & Duration | Coordinators | Resource Personnel's Organization/Institution |
|----------------|--------------------------------------|-----------------------------------|------------------------------|--|
| 1 | Cloud computing & Big Data Analytics | 29/02/2016-03/03/2016 (4 days) | Kala. M T, Sincy V Thampi | NIT Surathkal/ GEC Kannur/ MES Kuttippuram |

3. FSD External Programs

| Sl. No | Program Title | Date & Duration | Participants | Organizing Institution |
|---------------|---|--|---|-------------------------------|
| 1 | FDP On Android Application Development | 25 th -29 ^h January 2016 | Mr. Irshad M, Dileesh E D Assistant Professor, CSE | NITTR , Chandigarh |
| 2 | Pedagogical Training to Faculty | 22/06/2015- 24/06/2015 | Naseer C, | IIT Madras |
| 3 | FDP On Advanced Computer architecture Tools | 30/05/2016- 03/06/2016 | Mr. Irshad M, Dileesh E D Assistant Professor, CSE | IIT Guwahati |
| 4 | Pedagogical Training to Faculty | 17/01/2016 - 19/01/2016 | Dr. Ajeesh Ramanujan, Kala M T | IIT Madras |
| 5 | FDP on Algorithms and Complexity | 28/12/2015- 31/12/2015 | Raseek C, Irshad M, Kala M T | GEC Idukki |

The staff members have also attended various FSD programmes conducted by various departments in the college.

4. Training /workshops for Students

| Sl. No | TITLE | Date | Participants | Coordinators | Resource Personnel |
|---------------|---|----------------------------|---------------------|---------------------|---|
| 1. | Workshop On "Content Management System | 17th and 18th OCTOBER 2015 | S6 Students | Mr. Dileesh E D | Mr. Nithin R S, Mr Sethunarayan. Webmaster IEEE |
| 2 | Artificial Intelligence and Robotics | 20-21 February 2016 | S6,S7 Students | Mr. Dileesh E D | Mr. Diwakar Vaish, Head of A- Set Robotics Mr. Dheeraj Chadha, Engineer, A- Set Robotics |
| 3. | A workshop on Network Configuration and Devices | 15 and16 February 2016. | S6,S3 Students | Mr. Dileesh E D | Nirmal J Vishnu, Network and Systems Trivandrum |
| 4. | Three day workshop on "Internet of Things | 18/03/16 to 20/03/16 | S6 Students | Mr. Dileesh E D | Mr.Thomas Sabu,Mr.Shibli Rahman Neo Green Labs , Ernakulam |
| 5 | Workshop on "Computer Hardware and PC Assembling" | 25/02/2016 - 27/02/2016 | S2 Students | Kala M T | Ranjith B, Network and Systems Trivandrum |
| 6 | Workshop on "Python Programming" | 25/04/2016 - 27/04/2016 | S2 Students | Kala M T | Rahul Rajan, Network and Systems Trivandrum |
| 7 | Biodiversity and its conservation | 22/3/2016 | S4 students | Ali Akbar N | Prof. R V Ibrahim, Kerala Biodiversity board |
| 8 | Environment and sustainable development | 23/3/2016 | S4 students | Ali Akbar N | Dr. K Kishore Kumar, Farook College |

5. Industrial Visits

| Sl. No. | Industry Visited | Date & Duration | Students |
|----------------|-------------------------|----------------------------|-----------------|
| 1 | Mpower, Bangalore | 2/09/2015 | S7 |

6. EAP Programs

| Sl. No. | Program Title | Duration | Participant | Resource Personnel |
|------------------|---------------------------|-----------------|--------------------|---------------------------|
| Remedial Classes | | | | |
| 1 | Computer programming in C | November 2015 | S3 | Mr. Anuraj N |
| 2 | Theory of Computation | November 2015 | S5 | Ms. Kala MT |

7. Placement

| SL NO | Name | Company | SL NO | Name | Company |
|---------------------|-------------------|----------------|--------------|-------------------------|----------------|
| UG Placement | | | | | |
| 1 | Aiswarya Mohan P | Infosys | 9 | Lakshma T S | Wipro |
| 2 | Aparna Sivaprasad | | 10 | K.M. Manoja Rajalakshmi | |
| 3 | Athira Unni | | 11 | Meera Mohan M | |
| 4 | Fathima Nihala T | | 12 | Hari K | SAP |
| 5 | Vipin N | | 13 | Rahila T | TCS |
| 6 | Ajeesh Kumar K | Qburst | 14 | Samatha P Salim | CTS |
| 7 | Chaythanya S K | | 15 | Rekha N | SAP |
| 8 | Indulekha | | 16 | Sreeragh A R | Qburst |
| PG Placement | | | | | |
| 1 | Anoop R | | | Mafoi | |
| 2 | Sreetha S | | | | |

8. Result Analysis

| Sl NO | Year of Admission | Pass Percentage |
|--------------|--------------------------|-----------------------------------|
| 1 | 2015-2019 | 59.65(KTU) |
| 2 | 2014-2018 | 74.5(1 st Year Result) |
| 3 | 2013-2017 | 85.29(S4 Result) |
| 4 | 2012-2016 | 88.4(S6 Result) |

9. Scholar Support Programs

The GATE coaching was given to S7 students and the following students were qualified in GATE-2016. . **Ajeesh Kumar secured rank 265, which is top in the college**

| Sl No | Name | Gate Score | Sl No | Name | Gate Score |
|--------------|-------------------|-------------------|--------------|-----------------|-------------------|
| 1 | AJEESH KUMAR K | 265 | 7 | RAHILA T | 9870 |
| 2 | AISWARYA MOHAN P | 3020 | 8 | NEETHU C | 5667 |
| 3 | APARNA SIVAPRASAD | 3713 | 9 | RINSHA K P | |
| 4 | ARUNIMA G | 5763 | 10 | SAMATHA P SALIM | |
| 5 | ATHIRA KRISHNAN | 5843 | 11 | V S SILPA | |
| 6 | HARI K | 1539 | | | |

2.2 Department of Electronics and Communication Engineering

1. FSDs conducted

- **Advanced Digital signaling Processing** – from 22th to 24th February 2016, Co-ordinate by Mr. Anwar Hussain M. and Anoop C S.,AP, ECE - 30 participants
- **An Eye Opener to Research in the Field of ECE** – from 1st to 3rd March 2016, Co-ordinate by Mr. Anwar Hussain M. and Gopi C., AP, ECE - 30 Participant.
- **'Wireless communication'** Co-ordinate by Shamla B. and Rani L 4-6 April 2016, 30 participants

2. FSD attended

- Prof. Jayan A R, Anwar Hussain M, Bindu P, Shamla B., AP, ECE – Pedagogical Training at IIT Madras during April 2016 .

- Swapna G, AP,ECE - Attended Workshop on Artificial neural Networks and Fuzzy Logic using MATLAB at MIT Anna University Chennai from 29/01/2016 to 31/01/2016
- Anwar Hussain M and Gopi M ., AP, ECE- Attended a 3 Day training program on “Smart Grids & Smart Metering Technologies & Applications ” from 27th to 29th January 2016 at ESCI, Hyderabad.
- Mr. Mahesh C and Mr. Suresh Babu P.,T/M, ECE- Attended training on Productivity & Quality Improvement for Technical Staff of Institutes at NPC Jaipur from 7-11 March 2016 .
- Mr. Sachidanandan T.K., T/I, and Mahesh C, T/M, ECE had attended a training program on Maintenance and servicing of SMPS, Inverter and UPS at ATI Chennai from 15-26 March 2016.
- Rani L, Anoop C S , Asha Prasad ., AP,ECE –Attended pedagogy Training at IIT Chennai from 10-12 March 2016
- Swapna G., Soft Computing using MATLAB, 28-30 Aug 2105, MIT Campus, Anna University, Chennai
- Shamla B., Industrial hydraulics, 7-11 Sep. 2015, GPT Kalamassery
- Swapna G., Data analytics, PSG Coimbatore, 10th October 2015.
- Rani L., Bindu P., Anoop C.S., Swapna G., Asha Prasad, Convex Optimization for wireless communications, IIT Kanpur, 16-18 Nov. 2015
- Shamla B., Swapna G., Satheesh T.K., Jyothi M., Sheeba A., Nirmala K.V., Muhammed Ali M., ‘Advanced Embedded systems’, Keltron Palakkad, 20-23 Nov. 2015.
- Asha Prasad, IEEE WRAP 2015 Recent advances in Photonics, 16-17 Dec. 2015.
- 1Swapna G., 3 Day National Workshop on “Bio-Medical Signal Aquisition & Conditioning” Amrita Institute of Technology, 17-19 Dec. 2015.
- 1Rani, Bindu, Anoop, Vineetha, Gopi, Information Theory & Channel Capacity, IIT Delhi, 14-19 Dec. 2015
- Suresh Babu P Mahesh C Sachidanandan T K Suja M R, Advanced Computer Knowledge for Supporting Staff, NTTR Goa, 18-22 Jan 2016
- Rani L., 2 day International workshop on “SDR & its strategic applications, Amrita Institute, Coimbatore, 20-22 Jan. 2016.
- Anwar Hussain, Gopi C., Smart grids and smart metering technologies, ESCI Hyderabad, 27-29 Jan. 2016.

- Shamlam B., Outcome based education and NBA accreditation, Engineering College Kidangoor, Dec. 10-12, 2015, Engineering College Kidangoor.
- Jayan A.R., Bindu P., Anoop C.S., Training on National Institute Ranking Framework (NIRF), Rajagiri School of Management, Nov. 28, 2015.

3. IIIC Programs

- Entrepreneurship development", Feb. 5th 2016, Mr. Aronin P., CEO, Sastra Robotics India, Pvt. Ltd, Kakkanad, Kochi.
- Robotics & Automation", Feb 5th 2016, Mr. Achu Wilson, CTO, Sastra Robotics India, Pvt. Ltd., Kakkanad, Kochi.
- "An overview of radio frequency power Applications", Feb 19th 2016, Mr. Sureshkumar M.S., Principal Engineer, CDAC, Thiruvananthapuram.

4. Expert Talks

- "Metanoia" in association with IEEE students, 5th Sep. 2015, Mr. Ranjit R. Nair.
- Airport Management Systems", 12th Dec. 2015, Mr. Sreejith Prabhakaran, Cochin International Airport.
- Renewable energy solutions", 22-23rd Jan. 2016, Mr. Vivek Shenoy, Tejas networks, Bangalore.
- Advanced process control products & solutions: Industry systems, standards, protocols", 23 Jan 2016, Swapna N. K., ABB Global Industries & Services Pvt. Ltd, Bangalore.
- Threads & Process: Implementation in high level languages", 23rd Jan. 2016, Mr. Jithesh Moothoor, IBM Software, Labs, IBM India Pvt. Ltd, Bangalore.
- Expert talk on Graduate Aptitude Test in Engineering (GATE) for ECE students", 16 Dec. 2015, Sooshinivethy S. S. (GATE topper, ECE stream, Kerala), IISc Bangalore.

5. Paper Publications

- Gopi C., Sensor Network Infrastructure for AMI in Smart Grid", International Conference eSpace-2015 at GEC, Thrissur. 9-11 Dec 2015

- Jithin T., Mohamed Salih K.K., Jayan A.R. \Real-time Suppression of Howling Noise for Public Address Systems", ICETEST 2015, GEC Thrissur, Dec. 9-11, 2015.
- Jijomon C.M., Jayan A.R., \An online signal processing technique for accurate localization of stop release bursts in vowel-consonant-vowel utterances", ICC 2015, College of Engineering Trivandrum, Nov. 19-21, 2015.
- Praveen Vanukuru, Jayan A.R., \Segment specific enhancement of speech characteristics for improving speech intelligibility under adverse listening conditions", ICC 2015, College of Engineering Trivandrum, Nov. 19-21, 2015

6. External Visiting Faculty Programs

- Jayan A.R., "Fundamentals of speech signal processing", FDP on Speech Signal Processing, Engineering College Kidangoor, Dec. 17, 2015.

7. Alumni Achievements

- A startup Sastra Robotics by our alumni, Mr. Aronin P., Mr. Achu Wilson bagged first prize in the Humanitarian Robotics and Automation Technology Challenge conducted by IEEE Robotics and Automation Society, as a part of IEEE international conference on Robotics and Automation, 16-20 May 2016, Stockholm Sweden.

8. Placement

| SL NO | Name | Company | SL NO | Name | Company |
|--------------|--------------------|----------------|--------------|-------------------|---|
| 1 | Shabna L | UST | 8 | Hamed Azhar | Kites Software, Gizmeon Technologies Pvt Ltd. |
| 2 | Muhammed Shemeel | | 9 | Neeraja A V | Kites Software |
| 3 | Ashik Kurian | | 10 | Devi K | |
| 4 | Kripa Remesh | | 11 | Priya S Nair | |
| 5 | B Radhika krishnan | | 12 | Nidhin K | |
| 6 | Anjali Ajitkumar | Infosys | 13 | Mohammed Marjan.P | |
| 7 | Lakshmy V | Nest | 14 | Dharshan V | Wipro |

9. Result Analysis 2015-16

| Sl NO | Year of Admission | Pass Percentage |
|--------------|--------------------------|------------------------------------|
| 1 | 2015-2019 | 58.33(KTU) |
| 2 | 2014-2018 | 57.14(1 st Year Result) |
| 3 | 2013-2017 | 67.64(S4 Result) |
| 4 | 2012-2016 | 89.71(S6 Result) |

2.3 Department of Mechanical Engineering

Summary of activities done in Mechanical Engineering Department 2015-16

1. FSD-Internal

| Sl. No | Course Title | Coordinator | Period | Remarks |
|---------------|--|----------------------|----------------------------|----------------|
| 1 | Lab Maintenance and safety measures | Dr. Selvakumar A | 13 th July 2015 | TEQIP-II |
| 2 | 3D Printing & Reverse Engineering | Rajan T | 24-26 June 2015 | TEQIP-II |
| 3 | Two day workshop on “safety measurement in workshops”. | Dr. Selvakumar A | 8-9 September 2015 | TEQIP-II |
| 4 | Design & Engineering | Rajan T | 28-30 March 2016 | TEQIP-II |
| 5 | Machine tool Maintenance | Leeju CJ Akhil R | 21-23 March 2016 | TEQIP-II |
| 6 | Design of machine element using CATIA | Rajan T Leeju C J | 14-16 March 2016 | TEQIP-II |

2. FSD EXTERNAL

| SI No. | Course Title | Participants | Course Period | Place of program |
|---------------|--------------------------------------|--|----------------------|-------------------------|
| 1 | Induction Training at CET Trivandrum | Leeju C J | 8-12 June 2015 | DTE, Trivandrum |
| 2 | Pedagogical Training | Leeju C J | 18-24 June 2015 | IIT Madras |
| 3 | Training on Mechanical CAD | Jayakrishnan P.K T/M, Akhil R – AP (Adhoc), Jayasankar C- T/I-ME | 20-25 July 2015 | KELTRON Palakkad |

| | | | | |
|---|--|--|-----------------|-------------------------------|
| 4 | On Job training for field engineers on flow meter and calibration techniques | Dr. Selvakumar A, HoD-ME Jayakrishnan P.K. T/M-ME Jayasankar C, T/M-ME Rajan T- AP-ME | 6-10 July 2015 | FCRI, Palakkad |
| 5 | Fire & Safety Familiarization Training Program | Jayakrishnan P.K, T/I Shailesh N, T/I, Kishorkumar, T/M, Naveen M.P, AP(Adhoc) Arunkumar, T/M, Unnikrishnan, T/I, Akhil R, AP(Adhoc), Balakrishnan, AP (Adhoc), Jayasankar C, T/M Arun P.S AP (Adhoc) | 11-12 July 2015 | KELTRON Palakkad |
| 6 | Control Valves and Actuators | Dr. A Selvakumar Leeju C J, Rajan T | 16-18 Dec 2015 | FCRI Kanjikode |
| 7 | Training on National Institute Ranking Framework (NIRF) | Dr. A Selvakumar Leeju C J, Dr K R Jayadevan | Nov. 28, 2015 | Rajagiri School of Management |

3. Result Analysis

| Sl NO | Year of Admission | Pass Percentage |
|--------------|--------------------------|------------------------------------|
| 1 | 2015-2019 | 30.16 (KTU) |
| 2 | 2014-2018 | 75.40(1 st Year Result) |
| 3 | 2013-2017 | 74 (S4 Result) |
| 4 | 2012-2016 | 76.1(S6 Result) |

4. Achievements

- GATE Classes were taken for students. Eight students got GATE Score in which one of them got rank less than 1000.

| S8 Mechanical Engineering (GATE Score) | | |
|---|---------------------------|-------------------|
| Reg. No | Name | GATE Score |
| EPALEME060 | VISHNU K P | 787 |
| EPALEME008 | ANOOB C A | 471 |
| EPALEME040 | PREMVIKAS R | 422 |
| EPALEME051 | SREERAM R | 417 |
| EPALEME045 | ROHITH RAJ | 383 |
| EPALEME025 | JISHNU V | 382 |
| EPALEME022 | JASIM RASHEED MUHEMMAD | 345 |
| EPALEME026 | KAHAN SHA JAHAN | 340 |

- A student project carried out under CERD was completed successfully (Project coordinator: Dr. A Selvakumar, students: Abijith K Jacob and Jishnu of Sixth semester). The paper is selected in the international conference conducted by NIT Srinagar and IIT Kanpur and to be presented by Abijith K Jacob on 28/5/2016 at NIT Srinagar.

Test Specimens fabricated for testing the strength



- A class on 3D-Printing was arranged for the Higher Secondary school students from GHSS, Sreekrishnapuram. The program was inaugurated by the Panchayat President the classes were handled by senior students who were trained in this area. The program was well appreciated by the participants.
- Students visited the SILK House (Production Unit) (7th semester) in Mysore, HAL (Helicopter Division), Bangalore as a part of their curriculum.
- Experts from IIT addressed the first year students during March 2016 to give an idea on Design Engineering.
- A practical training was given to seventh semester students on 3D-Printing technologies, Experts from NIT Jaipur were invited for this program.



Fig: Demo on 3D printing and scanning

- Papers submitted by faculty members (Dr K R Jayadevan, Dr A Selvakumar and Leeju CJ) were selected for oral presentation in the international conference on “Nanotechnology” to be held at NIT Srinagar from 24th to 29th May 2016.
- Being a new department, all the labs were set with latest equipment meeting the requirements of University syllabus using Government funds.
- The department produced excellent results in first & second semester (78%), second best in Calicut University and 68% in sixth semester results.
- Dr A Selvakumar had given an expert talk on “Conceptual Design” for students at “Ammini College of Engineering Palakkad” in the month of Nov 2015.

2.4 DEPARTMENT OF INFORMATION TECHNOLOGY

1. R&D Programs

| Sl. No. | Details of Activity | Date & Duration | Participant | Title of Paper |
|---------|--|-------------------------------|--------------------------------------|--|
| 1 | Paper Presentation in 5 th IEEE International Conference on Communication and Signal Processing 2016 at AdhiParasakthi Engineering College, | 06/04/2016 - 08/04/2016 | Mrs. Dhanya K.M, Assistant Professor | Solving Vehicle Routing Problem Using Hybrid Swarm Intelligent Methods |

| | | | | |
|--|---------------|--|--|--|
| | Melmaruvathur | | | |
|--|---------------|--|--|--|

2. FSD In-House Programs

| Sl. No. | Program Title | Date & Duration | Coordinators | Resource Personnel's Organization/Institution |
|----------------|--|----------------------------|---|---|
| 1 | Ethical Hacking & Cyber Security | 18/01/16-22/01/16 | Mrs. Sasinas Alias Haritha Z A, Assistant Professor & Ms. Geethu Mary George, Assistant Professor (Adhoc) | 1. Mr. Sanoop, Mazenet Palakkad |
| 2 | Soft Computing Techniques | 8/02/16-12/02/16 | Mrs. Sreedivya R S, Assistant Professor & Ms. Geethu Mary George, Assistant Professor (Adhoc) | 1. Mr. Thamarai Selvam S, iNautics Technologies Pvt. Ltd 2. Dr. Sreenivasulu Reddy, NIT Trichy 3. Mr. Vipin Vasu, CET Trivandrum 4. Dr. Sishaj Simon, NIT Trichy |
| 3 | Self Esteem Motivation & Organizational Behavior | 25/02/2016 – 27/02/2016 | Mrs. Sreedivya R S, Assistant Professor & Ms. Geethu Mary George, Assistant Professor (Adhoc) | 1. Dr. Maany Paul, ETOP 2. Mr. Chandrasekharan, Careerfit360 3. Dr. Kuruvila Joseph, ISRO |

3. FSD External Programs

| Sl. No | Program Title | Date & Duration | Participants | Organizing Institution |
|---------------|--|----------------------------|---|---------------------------------------|
| 1 | Induction training on “Effective learning and Teaching Skills” | 08/06/2015-12/06/2015 | Mr. Safeer Babu T, Assistant Professor | College of Engineering, Trivandrum |
| 2 | Pedagogical Training to Faculty | 22/06/2015-24/06/2015 | Ms. Geethu Mary George, Assistant Professor (Adhoc) | IIT Madras |
| 3 | FSD on “Secure IT user Training” | 20/07/2015-24/07/2015 | Mr. Arunvas K, Tradesman | IITM-K, Trivandrum |
| 4 | Pedagogical Training to Faculty | 27/07/2015-29/07/2015 | Mrs. Dhanya K.M, Assistant Professor | IIT Madras |
| 5 | Workshop on “Certified Ethical Hacking” | 27/07/2015-07/08/2015 | Ms. Saritha R S, Instructor Gr. II | IITM-K, Technopark |
| 6 | Workshop on “CISCO Networking & Implementation” | 27/7/2015-07/8/2015 | Mr. Sumesh E, Programmer & Mr. Abdul Raheem, TradeInstructor | Keltron, Calicut |
| 7 | National Workshop on Data Science & Big Data Analytics | 05/08/2015-07/08/2015 | Mr. Ranjith K., Assistant Professor (Adhoc) | CDAC ,Bangalore |
| 8 | Workshop on Linux Server Administration | 10/08/2015-14/08/2015 | Mr. Dileesh Mathew, TradeInstructor & Mr. Suresh Kumar, Tradesman(Adhoc) | ESCI, Hyderabad |
| 9 | International Conference for Network Security and Challenges | 17/08/2015-18/08/2015 | Ms. Geethu Mary George, Assistant Professor (Adhoc) & Ms. Maria Mol George, Assistant Professor (Adhoc) | MIT-Anna University, Chennai |
| 10 | National Workshop on NIFR Ranking | 28/08/2015 | Mr. Vinayachandran K.K, Assistant Professor | Rajagiri Business School, Kochi (IOC) |
| 11 | Hands on Training Programme on Soft Computing using MATLAB | 28/08/2015-30/08/2015 | Ms. Geethu Mary George, Assistant Professor (Adhoc) & Mr. Ranjith K., Assistant Professor (Adhoc) | MIT-Anna University, Chennai |

| | | | | |
|----|---|-----------------------|---|---|
| 12 | Workshop on Network Administration | 07/09/2015-11/09/2015 | Mr. Safeer Babu T, Assistant Professor, Mr. Abdul Raheem N, Trade Instructor & Mr. Arun Vas, Tradesman | ESCI, Hyderabad |
| 13 | One day Workshop on Swarm Intelligence | 12/9/2015 | Mrs. Dhanya K.M, Assistant Professor & Ms. Geethu Mary George, Assistant Professor (Adhoc) | Anna University, Regional Centre, Coimbatore |
| 14 | Workshop on Data Analytics Using R | 10/10/2015 | Mrs. Dhanya. K.M, Assistant Professor, Mrs. Sasinas Alias Haritha. Z.A, Assistant Professor & Ms. Geethu Mary George, Assistant Professor (Adhoc) | PSG College of Technology, Coimbatore |
| 15 | Cloud Computing Tools | 15/10/2015-18/10/2015 | Ms. Geethu Mary George, Assistant Professor (Adhoc) | Thiagarajar College of Engineering, Madurai |
| 16 | Pedagogical Training | 16/11/2015-18/11/2015 | Mrs. Sreedivya. R.S, Assistant Professor | IIT Madras |
| 17 | Computer Networking & Management | 16/11/2015-20/11/2015 | Mr. Abdul Raheem N, Trade Instructor | College of Engineering, Vadakkara |
| 18 | Wireless Sensor Networks and its use in IOT | 20/11/2015 | Mr. Ranjith K., Assistant Professor (Adhoc) | CEG, Anna University |
| 19 | Recent Trends & Techniques on Digital Image | 30/11/2015-05/12/2015 | Ms. Maria Mol George, Assistant Professor (Adhoc), Ms. Saritha R S, Instructor Gr. II | College of Engineering, Vadakkara |
| 20 | Outcome Based Education and NBA Accreditation | 10/12/2015-12/12/2015 | Mrs. Sasinas Alias Haritha. Z.A, Assistant Professor | Engineering College, Kidangoor (Academic Reforms) |
| 21 | Cyber Forensics | 14/12/2015-18/12/2015 | Ms. Saritha R S, Instructor Gr. II | CDAC |
| 22 | Green Nano Technology in Materials | 15/12/201-19/12/2015 | Ms. Geethu Mary George, Assistant | College of Engineering, |

| | | | | |
|----|--|--------------------------|---|--|
| | Engineering & Engg. Applications | | Professor (Adhoc) | Adoor. |
| 23 | Algorithms & Complexity | 28/12/2015-31/12/2015 | Mr. Safeer Babu T, Assistant Professor | Govt. Engg. College, Painavu, Idukki |
| 24 | Advanced Computer Knowledge for Supporting Staff | 18/01/2016-22/01/2016 | Mr. Suresh Kumar, Tradesman(Adhoc) & Ms. Saritha R S, Instructor Gr. II | NITTR, Goa |
| 25 | “NetSimulator for Researchers” | 23/01/2016 | Ms. Geethu Mary George, Assistant Professor (Adhoc) | PSG College of Technology , Coimbatore |
| 26 | “Artificial Neural Network using MATLAB” | 29/01/2016 to 31/01/2016 | Ms. Geethu Mary George, Assistant Professor (Adhoc) | MIT Chennai |
| 27 | “Joomla & Drupal” | 25/01/2016 to 29/01/2016 | Mr. Arunvas K, Tradesman | NITTR Delhi |
| 28 | “Stress Strain Management” | 1/2/2016 to 5/2/2016 | Mr. Abdul Raheem N, Trade Instructor | NITTR Chandigarh |
| 29 | “Windows 2013 Server Administration “ | 1/2/2016 to 4/2/2016 | Mr. Sumesh E. Computer Programmer, Mr. Suresh Kumar K. C.(Adhoc) | GEC ,Kannur |
| 30 | “Control Management System with Linux “ | 8/03/2016 to 12/03/2016 | Mr. Abdul Raheem N, Trade Instructor | GEC ,Kozhikode |
| 31 | Pedagogical Training | 07/04/2016 to 09/04/2016 | Mrs. Sasinas Alias Haritha. Z.A, Assistant Professor | IIT Madras |
| 32 | Semantic Web | 11/04/2016 to 15/04/2016 | Mr. Sathyanath , Trade Instructor | NITK, Surathkal |
| 33 | Pedagogical Training | 5/05/2016-7/05/2016 | Ms. Varsh K V, Assistant Professor(Adhoc) | IIT Madras |

The staff members have also attended various FSD programmes conducted by various departments in the college.

4. III Cell Programs

| Sl. No | TITLE | Date | Participants | Coordinators | Resource Personnel |
|--------|--|-----------------|-----------------|---|---|
| 1. | Hands on Training Session on Introduction to NS2 | 28/9/15 | S7 Students | Mrs. Dhanya K.M, Assistant Professor & Ms. Geethu Mary George, Assistant Professor (Adhoc) | Mr. Thirukumaran , Sat Infosys |
| 2. | Hands on Training Session on Introduction to NS3 | 26/10/15 | S7 Students | Mrs. Sasinas Alias Haritha Z A, Assistant Professor & Ms. Geethu Mary George, Assistant Professor (Adhoc) | Mr. Thirukumaran , Sat Infosys |
| 3. | Tips for Ethical Hacking & Cyber Security | 27/11/15 | S5 Students | Mrs. Sasinas Alias Haritha Z A, Assistant Professor & Ms. Geethu Mary George, Assistant Professor (Adhoc) | Mr. Sanoop, Mazenet, Palakkad |
| 4. | Cloud Sim Tool | 4/01/16 | S8 Students | Mrs. Sreedivya R S, Assistant Professor & Ms. Geethu Mary George, Assistant Professor (Adhoc) | Mr. Thirukumaran , Mrs. Anjali Thirukumaran , Sat Infosys |
| 5. | Employability Skill Training Program | 8/2/16-10/2/16 | S6 Students | Mrs. Sasinas Alias Haritha Z A, Assistant Professor & Ms. Geethu Mary George, Assistant Professor (Adhoc) | Mr. Chandrasekharan, Mr. Paul, Careerfit360 |
| 6. | Rocket Science For Common Man | 19/2/16 | All IT Students | Mrs. Sasinas Alias Haritha Z A, Assistant Professor & Mrs. Sreedivya R S, Assistant Professor | Mr. Siju, ISRO |
| 7. | Ethical Hacking & Cyber Security | 20/2/16-21/2/16 | All Students | Mrs. Sreedivya R S, Assistant Professor & Ms. Geethu Mary George, Assistant Professor (Adhoc) | Mr. Sankar Raj, Mr. Karthik, Prompt InfoTech, Coimbatore |
| 8. | Hands on Training Session on Advanced Java Programming | 26/2/16-27/2/16 | S6 Students | Mrs. Sasinas Alias Haritha Z A, Assistant Professor & Ms. Geethu Mary George, Assistant Professor (Adhoc) | Mr. Shabeer, Mr. Aravind, Technopark, Trivandrum |

5. Industrial Visits

| Sl. No. | Industry Visited | Date & Duration | Students |
|----------------|--|----------------------------|-----------------|
| 1 | Mpower, Bangalore | 12/10/2015 | S7 |
| 2 | Kwality Electricals Pvt. Ltd., Bangalore | 13/10/2015 | S7 |
| 3 | Unisis Solutions, Ernakulam | 17/10/2015 | S5 & S7 |
| 4 | ACE Components, Mysore | 16/12/2015 | S3 |

6. EAP Programs

| Sl. No. | Program Title | Duration | Participant | Resource Personnel |
|------------------|---------------------------|-----------------|--------------------|---|
| Remedial Classes | | | | |
| 1 | Computer programming in C | November 2015 | S3 | Mrs. Sasinas alias Haritha Z A, Assistant Professor in IT |
| 2 | Theory of Computation | November 2015 | S5 | Mrs. Sreedivya R S, Assistant Professor in IT |
| 3 | Electronics Circuits | Sept-Oct 2015 | S3 | Ms. Geethu Mary George, Assistant Professor (Adhoc) in IT |
| 4 | System Programming | January 2016 | S5 | Mr. Dileesh E.D, Assistant Professor in CSE |

7. Additional Skill Acquisition Programs

| Sl. No. | Program | Name of the Student | Semester | No. of Students | Organizers |
|----------------|----------------|--|-----------------|------------------------|-------------------|
| 1 | Latex Workshop | 1. Jibin Victor John 2. Muhammed Sadik M 3. Arjun 4. Aneesh K 5. Jithin P 6. Sumesh S 7. Vishnu Gopal P.G 8. Sreejith V 9. Ashmy K Jose 10. Drishya T | S5 | 11 | FOSS |

| | | | | | |
|---|------------------------|---|----|---|------|
| | | 11.Vijayasree V | | | |
| 2 | PCB Designing Workshop | 1. Vijayasree V 2. Raveena R 3. Rose K Johney | S5 | 3 | IEEE |
| 3 | Metanoia Workshop | 1. Anoop P 2. Vineeth K V 3. Ramitha Ramdas | S3 | 3 | IEEE |

8. Scholar Support Programs

The GATE coaching was given to S7 students and the following students were qualified in GATE-2016

| Sl. No. | Name of the Student | Sl. No. | Name of the Student |
|----------------|----------------------------|----------------|----------------------------|
| 1 | Anjana K. | 10 | Harishma Chandran |
| 2 | Adheebha Thahsin | 11 | Rahul M |
| 3 | Parvathy Ramakrishnanan | 12 | Rohith P |
| 4 | Bijay Dev K.M. | | |
| 5 | Manjusha J. | | |
| 6 | Haritha Madhav C. | | |
| 7 | Merlin Mary John | | |
| 8 | Alisha Anto K. | | |
| 9 | Ashin M. | | |

9. Placements

| SI NO | Name | Company |
|--------------|-------------------------|----------------|
| 1 | Adheeba Thahsin E K | UST Global |
| 2 | Anjana K | |
| 3 | Ashna Ashref | |
| 4 | Bijaydev K M | |
| 5 | Haritha.P | |
| 6 | Merlin Mary John | |
| 7 | Parvathy Ramakrishnan P | |
| 8 | Rohith P | |
| 9 | Haritha Madhav | Qburst |
| 10 | Anjana Meghanath | Wipro |
| 11 | Linto John | |
| 12 | Maria Francis | |

| | | |
|----|--------------------------|---|
| 13 | Sarath Kumar K. | Infosys |
| 14 | Veena M | |
| 15 | Alisha Anto K. | |
| 16 | Ameen Suhail K.M. | |
| 17 | Arya P.S. | |
| 18 | Parvathy Ramakrishnan P. | |
| 19 | Riya R. | |
| 20 | Aravind Ravindran | Farmer Tree Food and Agro Producer Co. Ltd. |
| 21 | Abhishek K | Gizmeon Technologies |
| 22 | Syama R | |

10. Result Analysis 2015-16

| Sl NO | Year of Admission | Pass Percentage |
|--------------|--------------------------|------------------------------------|
| 1 | 2015-2019 | 56.67(KTU) |
| 2 | 2014-2018 | 46.67(1 st Year Result) |
| 3 | 2013-2017 | 68.25(S4 Result) |
| 4 | 2012-2016 | 81.82(S6 Result) |

11. Achievements in Extra - Curricular Programs

- Mrs. Sasinas Alias Haritha Z.A , Assistant Professor has participated in the ALL India Civil Services Chess Tournament 2015-16 held at Town Hall, Dadra & Nagar Haveli, Silvassa from 15th to 23rd March 2016.
- Mr. Jaidev P, 4th Year Student has won First prize for the event “MUD RACE” held as part of YUKTI’16-National Level MultiFest conducted by Govt. Engineering College, Kannur.
- Mr.Vishnu Gopal P.G. ,3rd Year Student has participated in Pre-RD Camp held at Mysore
- Ms. Anjana Jimmington, 3rd Year Student has won First prize for Versification in English Competition in Calicut University A-Zone Arts Fest
- Mr.Suraj Rajakrishnan, 3rd Year Student has attained 11th Rank in Chess Tournament organized by SNDP YSS College, Perinthalmanna.

The students have also won several prizes in the different competitions conducted as part of the following events organized in the College:

- Arts Festival
- Sports Day

- Women's Day
- Association -Day
- Invento 2016

12. Other Activities

| Sl. No. | Staff/Students | Activities |
|----------------|-----------------------|---|
| 1 | Staff | Administering Data Center activities |
| | | Assists in setting up of Central Computing Facility |
| | | Assists in setting up of I.T. Labs |
| | | Maintenance of computers and peripherals |
| | | Assists in Website Data Updating |
| | | Assists in TEQIP Activities |
| | | Assists in AICTE related works |
| | | Assists in Alumni Activities |
| | | Assists in College Union Activities |
| | | Assists in Placement Cell Activities |
| 2 | Students | IEEE Activities |
| | | NSS Activities <ul style="list-style-type: none"> • Participation in Genesis mega event State Camp • 7 day special camp at Govt Hospital, Koppam • Participation in 3 day N-DART Camp • 2 day district level camp on ozone day • Blood Donation campaign • Cash collection for Chennai flood • Cash collection for Helen Keller institute for blind, Kottapuram • Participation in 2 day Genesis camp on gender equality |

IEEE SB
Code: STB63851



The IEEE student branch of Government Engineering College, Sreekrishnapuram, have successfully conducted a number of events as the part of SB activities. We started our works from February 2015 with an orientation class to second year students. A detailed session about IEEE and its advantages were handled by Mr. Fawad, an experienced student member of IEEE from MES College, Kuttipuram. The new Execom elected by the previous executive committee were introduced by the then Student Branch chairman of 2014, John Mathew.

Given below is the list of IEEE Student Branch Execom members of the year 2015.

SB Counselor: Mrs. Asha Prasad, Asst. Professor, ECE

Chairman : Shyam M

Vice chair: Shabna L

Secretary : Subhijith S

Treasurer: Nithin Kurian

WIE Chair: Chaythanya S K

WIE Vice Chair : Aiswarya Mohan

Link Representative: Meera Mohan

PRO: Rekha N

Programs Organized by SB

The IEEE SB of 2015 could organize 5 programs including a hub level congress. Listed below are the main events of this year's SB activities.

1. PCB Workshop
2. Spectrum Talk on Friday
3. SiTe `15
4. Metanoia
5. Women's Day Celebration

A brief report on the main events have been included in the following chapters.

PCB Workshop

Theoretical knowledge along with skills makes a good engineer. PCB designing and fabrication is such a skill. IEEE SB GEC Sreekrishnapuram organized a workshop on PCB designing and manufacturing on 12/09/15 from

9:30 am to 3:00 pm.

The workshop was conducted by Shyam, IEEE SB chairman. The workshop started with an introduction about PCB explaining types of PCBs, steps in fabrication and many more.

Then PCB designing was explained using a presentation. Various designing and simulation software were demonstrated. Steps for designing were explained in detail.

Next session was the hands on workshop. Participants were divided into groups of three and each group fabricated a PCB. It was a really good experience. It also proved that to fabricate a PCB perfectly we need skill and that comes only through practice.

The workshop concluded by a speech from Shyam. He advised everyone to practice this skill as it is useful while interviews and will also come handy during the mini and main projects. The workshop was a great experience and it taught us a new skill.







Spectrum Talk

For the growth of technical knowledge among students and to advance their knowledge about the latest trends in technology we started conducting spectrum talk on every Friday from 1.00 pm to 2.00 pm in the Edusat room. The first spectrum talk was on the topic 'Bionics' and it was handled by Mr. Anuraj, Adhoc CSE Department. The second topic was about computer oriented problem solving and it was handled by prof. Ajeesh Ramanujan, Dept. of CSE. The spectrum talk of preceding weeks were handled by students on various relevant topics.

SITE'15

SiTe'15 was the first hub level organized by GEC Sreekrishnapuram. It was organized as a part of the Malabar Hub WIE Congress. The event was attended by students from various colleges in Malabar Hub on October 10th 2015.

The day started with an inauguration ceremony. After that a small interactive session with other students were held. In the meantime treasure hunt -Mesh and coding competition-La debug were conducted.

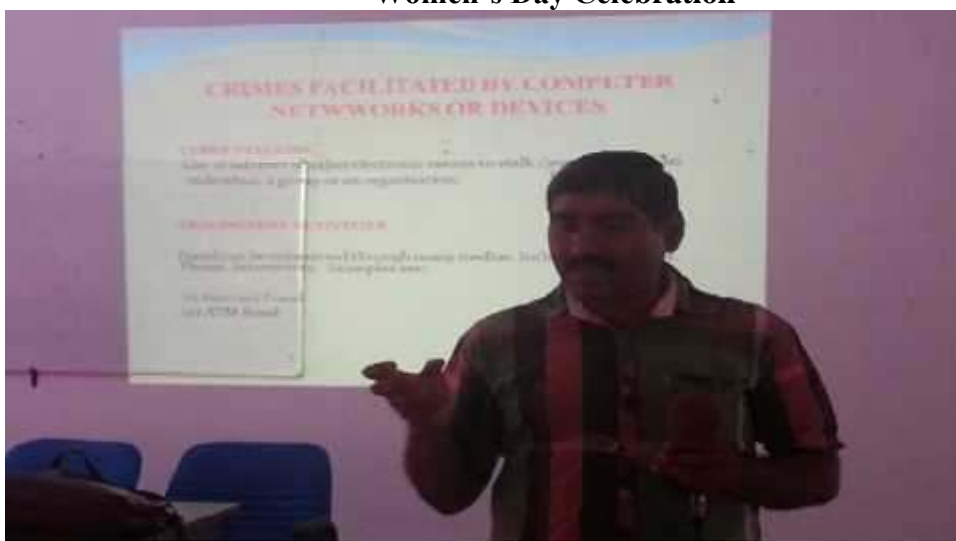
There were three sessions spanned throughout the day. The first session was delivered by Preethy V Warriar. She made the students realize the relevance of technology in modern scenario. She revamped the spirit of future engineers and aspired them to actuate their wings of dreams and passions. The second session was delivered by Ms. Reshma Vallippan. She talked about “Redefining Life”. She urged them to live life to its fullest and celebrate every moment with utmost passion. She mesmerized the students with her prolific persona and daring attitude. The final session began after lunch. It was taken by Vijay S Paul who dazzled the listeners with his magnetic personality and positive aura. His session was about “The Science of Happiness”. The hour was informative as well as rejuvenating.

The day concluded with IEEE Day celebration by cutting a cake, a photo session where the participants made a formation and a valedictory function. SITE'15 was an innovation that satisfied the technical quest of youngsters. Future engineers were inspired to conquest the heights of horizons.





Women's Day Celebration





As a part of women's day celebration awareness session on Cyber Crimes was conducted by the Cyber cell, Kerala.

METANOIA

IEEE is the world's largest professional association aimed in advancing technology for humanity. We, the IEEE members of Government Engineering College, Sreekrishnapuram, have successfully conducted an industry awareness program-"METANOIA" on 5th September 2015. The program was held at the Edusat room with the support of TEQIP unit of the college, from 9.30 am to 12.30 pm.

The program began with a speech on "code of ethics" by Nithin Kurian, IEEE SB treasurer of the college. It was then followed by a welcome speech, by Bindu Madam, for the guest of honor Mr. Ranjith R Nair. He is an IEEE member, FDC, IEEE Educational Activities Board and SIGHT Chair, and an IEEE Kerala Young Professional and we were most privileged to be in his class which he managed between his busy schedule.

As an engineering student it is necessary to be aware of the challenges we may face while dealing with a job and this session indeed helped in creating that awareness. Our honorable guest with his motivational and inspiring class literally brought an energetic environment among all of us.

His class began with ideas about the organizations like IEEE and their roles in choosing a career. He gave us more ideas about doing internships and how to choose our field of interest as core subject. The class was made more interesting with slides that showcased different levels of difficulties that we may often face when we join a company, and how organizations like IEEE help in overcoming it smoothly. He also gave several tips that we should follow, so as to get a good job. Some of them include keeping good language, creating networks etc. He concluded the class with a note that made each of us proud of being an engineering student. Then Shyam, IEEE SB Chairman addressed the participants and shared the experiences he has had, so far, by being an IEEE member. The program was concluded by the vote of thanks by Balu S, an IEEE member of the college.



New EXECOM for the Year 2016

A new Execom for the year 2016 was elected this month. The following is the list of elected volunteers.

SB Counsellor: Mrs. Asha Prasad, Asst. Professor ECE

Chairman: Nithin Kurian

Vice Chair: Rose K Johny

Secretary: Balu S

Joint Secretary: Ramitha Ramdas

Treasurer: Athulraj T

WIE Chair: Mridula U

WIE vice Chair: Sahana T P

Link Representative: Anandhu O S

PRO: Reshma

Technical Coordinator: Albin Alias

Webmaster: Raza Roshan

FOSS CELL

The FOSS CELL of Government Engineering College, Sreekrishnapuram, have successfully conducted a number of events as the part of its activities. We started our activity with an interactive workshop on Latex for third and fifth semester students on 10th September 2015. Another Workshop on Content Management System was conducted on October 17 and 18 by Nithin. R.S, Webmaster IEEE. Also a workshop on Network Configuration and Devices by Nirmal J Vishnu, as part of Invento'16 was organised by FOSS Cell on 15 and 16 February 2016. FOSS Cell of GEC Sreekrishnapuram is trying to do its best for supporting students both in their academic and productive skills.

Given below is the list of FOSS CELL Execom members of the year 2015-16

Staff Co-ordinator: Mr. Dileesh E D, Asst. Professor, CSE

Chairman : Athira U

Vice chair: Aneesh K

Secretary : Abhijith Mahipal M

Joint Secretary : Amritha N

Treasurer: Mahesh K P

Program Co-ordinator : Sreekrishnan L

Programs Organized by FOSS

The FOSS Cell of 2015 could organize 3 programs all of which were hands – on session for empowering students with practical knowledge.

1. One day workshop on LATEX
2. Two day workshop on Content Management System
3. Two day workshop on Network Configuration and Devices

A brief report on the main events have been included in the following chapters.

1. CMS Workshop

Venue: GEC, Sreekrishnapuram.

Period: 17th & 18th October 2015

A two day workshop on content management system was organized by The

FOSS cell of Government Engineering College Sreekrishnapuram under the supervision of Dileesh Sir on 17th & 18th October 2015. The resource person Mr. NITHIN.R.S is webmaster at IEEE. In this two days workshop on CMS about 40 students were attended. The workshop on 17th October 2015 started at 10.00 am and concluded by 4.00pm. The key topics covered in first day of workshop include Web ecosystem and its community, Position of web ecosystem in industry, Basics of computer science and Open source community. The first day of workshop was really a new experience for the students and was helpful in gaining some basic knowledge of Web ecosystem and open source community.

Photos





2. Network Configuration and Devices

Venue: GEC, Sreekrishnapuram.

Period: 15th & 16th February 2016

A two day workshop on Network Configuration and Devices was organized by the FOSS cell of Government Engineering College Sreekrishnapuram under the supervision of Dileesh Sir on 15th & 16th February 2016 .The resource person Mr. Nirmal J Vishnu is CCNP holder who is very active in Network Configuration area .In this two days workshop on Network Configuration, about 50 student were attended. The workshop on 15th February 2016 started at 10.00 am and concluded by 4.00pm.The key topics covered in first day of workshop include routing, bridging, configuring a LAN network and theories about them. Second day introduces students with CISCO Packet Tracer Software which help in simulating a networking environment. Students were guided to effectively configure a new LAN network and some advanced topics. Participants were happy and satisfied with the workshop.

INDUSTRY INSTITUTE INTERACTION CELL

As part of industrial collaboration, one year MoU (agreement) was signed with ICT Academy of Kerala (Information and Communication Technology of Kerala) on 18 September 2015 to collaborate with the academy. The ICT Academy of Kerala is a social Enterprise created in a Public Private Partnership model (PPP) for imparting ICT skills to the youths of Kerala and improve their employability opportunities in the Industry. The company is supported by Govt. of India, partnered by Govt. of Kerala and the ICT industry. It facilitated free Oracle Academy membership to the college. Organized program in Infopark, providing opportunity for meritorious students to interact with Industry leaders. Conducted student Interaction Program in association with NASSCOM at UL Cyber Park Kozhikode. Most importantly it provided placement assistance for final year students by arranging campus interview with companies like Infosys, UST Global, SAP Labs, SLK Software, IBS, Suntech, etc. As a result 22 students got placed in Infosys and 3 students received placement in SAP Labs.

Moreover the final year students of the college had done projects in various industries. Two ME B.Tech final year projects were carried out at BPCL Kochi Refinery and HMT Kalamassery. One ECE final year project was completed with the support of Sastra Robotics Kochi (newly start up firm in start up village, Kochi). Similarly Industrial visits were conducted for S7ECE to Quality Photonics Hyderabad, S3 ECE to BHEL Bangalore, S7ME to HAL, Bangalore & Mysore silks, S5ME to MRF Goa, S3ME to Prakash bus body building Pvt limited, Bangalore, S7IT to M-Power, Bangalore & Quality Photonics Hyderabad, S5IT to Unisis Solutions and S3IT to ACE Components Mysore.

Main programmes organized under III Cell activities during 2015-16 are as follows:

| Sl No | Date | Details of activity | Institution | Dept | participant / Beneficiary |
|--------------|-------------|---|--|--------------|----------------------------------|
| 1 | 5 Sept 15 | Industrial Awareness Program, "Mentonia" to Final Year ECE Students | IEEE Educational Activities Board and Sight Chair IEEE Kerala Young Professionals | ECE | 60 |
| 2 | 18 Sept 15 | 1 year MoU (agreement) signed with ICT Academy | ICT Academy of Kerala, | IT/CSE /ECE/ | All students |

| | | | | | |
|----|------------------|---|---|----------------|----|
| | | | Trivandrum | ME | |
| 3 | 28-29 Sept 15 | Hands on Training Session on “Introduction to NS2” for IT Students(60) | Proprietor of SAT Infoys- Coimbatore | IT | 60 |
| 4 | 28-29 Sept 15 | 2 days workshop on “Hands on Training Session on Introduction to NS-3 for IT Students | SAT Infoys, Chennai | IT | 60 |
| 5 | 27/11/15 | 1 day workshop on” Tips for Cyber Security and Ethical Hacking” to IT Students | Mazanet Solutions, Palakkad | IT | 60 |
| 6 | 12/12/15 | Industrial Awareness Program, on” Airport Management Systems” to ECE Students | Cochin International Airport | ECE | 60 |
| 7 | 04/01/16 | 1 days workshop on” Cloud Sim Tools” to IT Students | SAT Infoys, Chennai | IT | 60 |
| 8 | 20-22 Jan 16 | Training Program on Power Industry Familiarization(staff/faculties only) | KSEB, Moolamattam, Idukki | ME/EE / ECE | 11 |
| 9 | 23/01/16 | Expert Talk on “Threads and Process Implementation in High level Language to ECE Students | IBM India Ltd, Bangalore | ECE | 60 |
| 10 | 22-23 Jan 16 | 2 days Expert Talk on “Renewable Energy Solutions to ECE Students | Tejas Network, Bangalore | ECE | 60 |
| 11 | 28/01/16 | 1 day Expert Talk on Entrepreneurship Development program to ECE Students | Sastra Robotics Pvt.Ltd Cochin | ECE | 60 |
| 12 | 29/01/16 | 1 day Expert Talk on” Robotics and Automation” to ECE Students | Sastra Robotics Pvt.Ltd Cochin | ECE | 60 |
| 13 | 30/01/16 | Expert talk on” Advanced Process Control Products and Solutions to ECE Students | ABB Global Industries and Services Pvt. Ltd, Bangalore | ECE | 60 |
| 14 | 8-10 Feb 16 | 3 days workshop on Employability Skill Training Program” for IT Students | Brainpodium Technologies, Ernakulam | IT | 60 |
| 15 | 09/02/16 | Expert Talk on Advanced in Space Technologies” to ME Students | VSSC, ISRO, Trivandrum | ME | 60 |
| 16 | 15-16 Feb 16 | 2 days workshop on Network Equipment and Configuration” to CSE Students | Trinetz Technologies Pvt.Ltd, Cochin | CSE | 60 |
| 17 | 16/02/16 | Expert Talk on Making the Globe a Better Place to Live” for ME Students | Environmentali st, Palakkad | ME | 60 |
| 18 | 19/02/16 | 1 day Expert Talk on An Overview of Radio Frequency | C-DAC Trivandrum | ECE | 60 |

| | | | | | |
|----|--------------|---|---------------------------------------|-----|----|
| | | Power Applications Program” to ECE Students | | | |
| 19 | 20/02/16 | 1 day workshop on” Rocket Science for Common Man | ISRO Trivandrum | IT | 60 |
| 20 | 20-21 Feb 16 | 2 days workshop on Cyber Security & Ethical Hacking | Prompt Info-Tech, Coimbatore | IT | 60 |
| 21 | 20-21 Feb 16 | 2 days workshop on “Artificial Intelligence and Robotics” for CSE Students | A-Set of Robotics, New Delhi | CSE | 60 |
| 22 | 20/02/16 | 1 day Expert Talk on Modern Trends in Gas Turbines Propulsion in Helicopters to ME Students | HAL, Bangalore | ME | 60 |
| 23 | 20-21 Feb 16 | 2 Days workshop on Computer Networks to ECE Students | TCS, Cochin | ECE | 60 |
| 24 | 22/02/16 | Exert Talk on Polymer in Electronics to ECE Students | VSSC, ISRO, Trivandrum | ECE | 60 |
| 25 | 25-27 Feb 16 | 3 days workshop on “Computer Hardware and PC Assembling” for CSE Students | Network Systems, Trivandrum | CSE | 60 |
| 26 | 25-27 Feb 16 | 3 days workshop on Python Programming to CSE Students | Network Systems, Trivandrum | CSE | 60 |
| 27 | 26-27 Feb 16 | 2 days workshop on Hands on Training Session on Advanced Java Programming to IT Students | Technopark, Trivandrum | IT | 60 |
| 28 | 01/03/16 | Exert Talk on “Open Source Projects in Eclipse Platform” to CSE Students | IBM Bangalore | CSE | 60 |
| 29 | 1-3 March 16 | 3 days workshop on “Internet on Things” to CSE Students | Neo Green Labs, Trivandrum | CSE | 60 |
| 30 | 22/03/16 | Exert Talk on Biodiversity and its Conservation to CSE Students | Kerala Biodiversity Board, Kozhikkode | CSE | 60 |
| 31 | 23/03/16 | Expert talk on Environment and Sustainable Development to CSE Students | Farook College, Kozhikkode | CSE | 60 |
| 32 | 23/03/16 | I day Industrial Awareness Program titled ”Biodiversity” to ECE Students | Kerala Biodiversity Board, Kozhikode | ECE | 60 |

Women cell

About 102 students participated in women's midnight half marathon at Ernakulam with the aid and assistance of the college authorities organized by Mathrubhumi & Grihalakshmi on December 2015 midnight. The participation of the students and the flash mob presented were greatly appreciated and helped the technical fest followed in February 2016. Women's day 2016 celebrated with inspiring and motivating programs. A one week long "self-defence" program for the girl students were conducted in the college LH with the help of the women police officials of Sreekrishnapuram police station.

Technology Business Incubator (TBI)

An amount of Rs. 9, 91,081 was sanctioned for the project on for Technology Business Incubator (TBI) at GEC, Sreekrishnapuram during 2015-16. The work done so far regarding this project is detailed below:

As per the decisions taken by the screening committee five firms were selected. The firms are listed below:

1. Saron Innovature Labs
2. Rotocraft Innovations
3. 3 Square Tech
4. Zero Softwares
5. Cosc

Activities

- SARON Innovature Lab developed the "**Automatic Water Tank Pumping Control System**"
- Rotorcraft developed product "**Light Aerial Reconnaissance and Surveillance UAV (LARS-UAV)**" for India Army, **2nd Garghwal Rifles**-Bhatinda, Punjab and **13 Grenadiers**, Lucknow Uttar Pradesh, conduct workshops for B.Tech Students and Aero shows.
- Zero Software developed an App for Campus Management Software for Engg. Colleges
- 3 Square Tech and Cosc are in the last phase of development of their product.

Procurements

| Sl. No | Items | Qty | Amount |
|---------------|-------------------|------------|---------------|
| 1 | Printer & Scanner | 1 each | Rs. 30250 |
| 2 | Steel Almirah | 1 Nos | Rs.10,036 |

| | | | |
|---|---|--------------|---------------------|
| 3 | 20 Nos. Jefferson Chairs & 15 Nos. Executive Chairs | 35 Nos | Rs.2,11,684 |
| 4 | HP Laptop | 2 Nos | Rs.1,24,950 |
| 5 | Hitachi Multimedia Projector | 1 Nos | Rs.83,024 |
| 6 | Water Purifier | 1 Nos | Rs. 12,990 |
| 7 | Installation and plumbing works | - | Rs. 9,416 |
| 8 | Construction of Cubicles and partitioning | - | Rs. 4,84,661 |
| 9 | Stationary | - | Rs. 10,727 |
| | | Total | Rs. 9,77,738 |

Civil Works done

1. As a part of expansion of TBI, additionally three cubicles and a seminar hall were constructed in room no. 317. The construction of cubicles and seminar hall are entrusted to PWD for an amount of Rs. 4, 84,661. The work has been completed.

Works to be done

| Sl. No | Description of work | Amount |
|--------|--|--------------|
| 1 | Three more companies can be accommodated in the newly constructed cubicles. Steps will be taken to find out the potential incubatees. (Honorarium for experts in the screening committee) | Rs. 5,000 |
| 2 | Setting up of a workshop for doing the Electrical, Electronics and sheet metal works for the TBI firms which is essential for their routine works. Procurement of tools and workshop equipments | Rs. 1,00,000 |
| 3 | False ceiling for Seminar hall and three newly constructed cubicles (Room No. 317) | Rs. 2,80,000 |
| 4 | Air Condition system for the Seminar hall and three newly constructed cubicles (Room No. 317) | Rs.7,80,000 |
| 5 | Electrical wiring for Seminar hall and three newly constructed cubicles (Room No. 317) | Rs.2,45,000 |

| | | |
|---|---|-------------|
| 6 | Structured cabling for Seminar hall and three newly constructed cubicles (Room No. 317) | Rs.1,20,000 |
| 7 | Public addressing system for Seminar hall | Rs. 15,000 |
| 8 | Training for incumbents | Rs. 50,000 |

COLLEGE UNION

Era of student life will probably cease with the end of college life and during this time we can probably aim to concentrate on developing our academic and extra-curricular talents, so our college union aims in developing the knowledge and talents of the students of our college, and thereby making the voice of our college loud and proud, and manufacturing not only good Engineers but also Engineers who are responsible citizens.

The college unions focuses on interacting with all groups of students, making a friendly relationship with them and thereafter solving their problems, providing them the best platform for fair and square education.

Oath Taking

The College Union Oath Taking Ceremony was held on 10th October, 2014. The ceremony was presided by Electrical Dept Asst. Prof. Zubin.

The following students constituted the union:-

| | |
|----------------------|---------------------|
| Chairman | :Roshkumar.P.N |
| LVC | :Sreepriya Santhosh |
| General secretary | : Augustin George |
| Joint Secretary | :Sneha.K.K |
| UUC | :Abhijith.M |
| UUC | :Abdul Rahoof |
| Secretary-Fine Arts | :Nandunath.K.V |
| General Captain | :Vivek Vikram |
| Chief Student Editor | :Omal N |

Year representative

4th year-Ameen Suhail

3rd year-Arun Sundhar

2th year-Ranjith R

Association Secretaries

CSE Association-Chelsa Charles

ECE Association-Nithin Kurian

IT Association-Suraj R

ME Association-Abijith K Jacob

Even though the union was formed quite late, this union was strict in assuring that all the programs scheduled were completed within the 7 months period.

Union Inauguration

The college union inauguration was conducted on 5th October 2015, by Sri. Engandiyur Chandrashekar, the famous Malayalam poet with Principal Dr. S Radhakrishnan Sir presiding the meeting. The function was held grandly in the presence of all the students of the college.

Arts Fest

The college Arts fest-DAKSHA'15 was inaugurated by Sri Engandiyur Chandrashekar, the famous Malayalam poet and presided by Principal Dr.S Radhakrishnan Sir on the same day of college union inauguration, 5th October 2014.

The events were held from 5th to 8thOctober.For the first time in the history of the college, an A Zone model Arts Fest was done and active participation were there from all the students, whose talents were presented with the spirit of competition.

Sarang Memorial Intercollege Engineers Trophy

First time on the college history Inter engineering college 7's floodlight football tournament was grandly conducted on 9th October 2015 for the memory of "SARANG T" student of the college who passed away in an accident.

Fresher's Day

The college union organized the Fresher's Day on 5thNovember 2015, and dedicated it to First year students. The function was held in order to make friendship between seniors and juniors, and it was a success.

Digital Library and CCF Inauguration

For the easy access of educational articles and papers, The Digital Library and Central Computing Facility (CCF) of our college were inaugurated by Shri. Rishiraj Singh IPS, honorable Jail DGP, Kerala and presiding by Shri. M. Hamsa, honorable Ottappalam MLA, on 7th January 2016. The function was held grandly in the presence of all students of college and the public.

Women's Midnight Half Marathon

Grihalakshmi Women's Midnight half Marathon, organized by Mathrubhumi was held on 30th January 2016 at Kochi. The marathon, organized as a celebration of womanhood, conveys the message that the streets are safe and free for women not only in daylight, but also in night. 100 students from our college participated in the mega event with the help of women cell and college union.

OPEN GEC

To give basic knowledge about engineering for school students an OPEN GEC Program was conducted in our college on 2nd February 2016, 53 students from eight schools participated in the program which was filled with technical activities and games.

Association Inaugurations

For the first time in GEC SKP, the association inaugurations were done on different days with entirely different events. The inaugurations and other events were done for a full day for each association.

ME Association Inauguration

The ME Association-ARMS inauguration was held on 9th February 2016 and for the innovative development of students the Mechanical Engineers Research Club (MERC) was launched on the same day by Dr. Venkittakrishnan former ISRO scientist. Many exciting competitions related to the mechanical branch were held for the full day.

CSE Association Inauguration

The CSE Association Inauguration-SPECTRA was held as a grand event on 11th February, 2016. The event consisted of interesting games and competitions for the students.

IT Association Inauguration

The CSE Association Inauguration-AVISHKAR was held as a grand event on 12th February, 2016. The event consisted of interesting games and competitions for the students.

ECE Association Inauguration

The EC Association Inauguration was done on the name 'THARANG' on 22th February, 2016. The program was very innovative and consisted of many competitions for students.

INVENTO 16

After a long period of 4 years National level technical fest of the college INVENTO'16 was successfully conducted on 20 & 21st February 2016. More than 400 students from various colleges all over the country participated in various technical events of INVENTO'16. The technical fest INVENTO'16 was a grand success which made students of college proud.

A-Zone Arts Festival

The Sub-University Arts Fest of Palakkad District, A-Zone Arts Fest was held in Victoria College, Palakkad from 14th to 19th February 2016, which witnessed active participation from the selected talented students of our college, which offered a great competition for other colleges.

Sports Meet

The sports meet of this year was the best of the all. The complete participation from students was ensured. GEC has never witnessed such a thrilling & exciting sports meet.

Athletics events were held on 31th March, 2016. The events were well-volunteered by the union and the students. The event was a great success and was enjoyed by everyone.

The games final were held on 29th & 30th of March 2016. The preliminary events before the finals were held on earlier days.

Woman's Day

The woman's day celebrations were held on 9th March 2016. This was organized by union & students and made an awareness of woman empowerment among everyone.

Cultural Fest

A one day cultural fest was conducted on 5th April 2016 dedicated to 1st year students.

Farewell

A grand farewell party was conducted for passing out students of the college on 18th April 2016. The program was specially conducted for 4th year B.Tech students and 2nd year M.Tech students.

College Day

College Day-'16 was held on 19st April, 2016 as a grand event. The inauguration ceremony was presided by ME HOD Dr. Jayadevan and was

inaugurated by Dr. Aashiq Naval, D4 Dance Season 1 runner-up. The event had many exciting and charming programs and was a grand celebration.

Other Achievements

The college union was keen in fighting for the rights of students and vigilant in solving their problems. The other achievements include the arrival of Staff hostel, Men's Dormitory, P A system for college, General books in central library, Wi-Fi in ladies hostel, Water connection in College, Ladies Hostel, Staff Hostel & Men's Dormitory, Sump and new motor in ladies hostel.

Shri. Akash P V, Mechanical Department won 1st prize in Calicut University Interzone Poster making competition.

College Union started the initiatives for Auditorium with Indoor complex and took steps to start the construction Men's hostel.

Although sworn in late, the college union has successfully completed all the programs announced in just duration of 7 months, and has come out with flying colours. The union still continues its good work day by day!!!

DEPT. OF PHYSICAL EDUCATION

The department has conducted coaching camps in Cricket, Football, Volleyball and Shuttle Badminton, in connection with the preparation for the intercollegiate competitions.

The college did participate in 9 Inter collegiate tournaments this year, namely Athletics, Football, Cricket, Volleyball, Shuttle Badminton, Fencing, Boxing, Archery and Chess. All of our college team performed remarkably well. Within the limited practice facilities and resources they could reach the Semi finals in many disciplines. **Sri Athul Krishna of Second year ME** has represented Calicut University Archery Team to participate in All India Inter Varsity tournaments and **Anshad K.P of Third Year ECE** has represented Kerala for All India Tenni Coit tournaments .The Department also organized Inter Class tournaments in Cricket, Football, and Volley ball, Table Tennis, Shuttle Badminton and Chess to encourage Sports participation. Annul Athletic Meet of the college was conducted with a colorful march past, around more than 200 students have participated in this meet. **Sarang Memorial State wise Flood light Football tournament for Engineering Colleges** was conducted by the Physical Education Department, 25 teams from various district were participated in this tournament. Our college has talented students who got great achievements in sports and games at state level and National level

The Department has purchased various equipments for Football, Cricket, Hockey, Archery, Table Tennis, Weight Training and Shuttle Badminton (2.5 Lakhs). These items contributed a lot for increase in sports participation among the students.

Wrestling Mat, equipments for Archery, Fencing, a concrete Pitch with practice nets for Cricket and a multipurpose Indoor Stadium with facilities to practice

Badminton, Table Tennis, Volleyball and Basketball are also recommended for improvement of sports infra structure of this college.

The services of the General Captain Sri.Vivek Vikram need special reference in coordinating the activities of the department. Let me also express my sincere gratitude to the Principal, Members of the PTA, Members of the College Union, the staff and the Students of this institution for the support and help extended to this department during the year 2015-2016.





CENTRE FOR ENGINEERING RESEARCH AND DEVELOPMENT (CERD): ACTIVITIES

Following are the activities carried out under the CERD cell of the institutes

- Supported student projects with potential to develop into products
- Has improved networking with subunits such as EDC, TBI, IIC, FOSS and IEEE for stimulating better academic atmosphere. This has helped students to participate in competitions such as the C-DAC Grid Computing Challenge and win prize.
- Students are confident enough to conduct programs such as ASAP and INSPIRE to acquire skills and content beyond the syllabus.
- A proposal was submitted to the University of Calicut to recognize the centre as an approved research centre. The inspection team was convinced about the viability of the proposal, but rejected it in the last stage citing that the centre does not offer a PG level course.
- The project of setting up an Innovation Centre, named **PRAGATI**, under CERD is nearing completion at a cost of Rs. 10.0 lakhs (Principal Investigator: Dr P.C. Reghu Raj/Gopi C)
- A Centre of Excellence in Advanced Computing is being set up in the institution with the assistance from CERD, Trivandrum. Rs.20.0 lakhs has been received for this project, and C. Naseer, Asst. Professor (CSE) is the Principal Investigator of this project.
- Extends support for Faculty/Student research publications and Journal publication
- Extended logistic support for the face-to-face meet with successful innovators conducted by the EDC and IEEE, which included interactions with Innovators and Entrepreneurs.
- Extended support for participation in the National conferences (NATCON) organized by CERD. One project titled LED-based solar simulator from the UG students won a consolation prize in the Project Competition section. One research paper and one poster were presented by the PG student K. Nibeesh.
- A research project by our faculty from civil department titled "Implementation of Fuzzy logic based control of Open Channels" by Dr. R. Gopakumar was completed.
- Organized various seminars and projects for the benefit of students.

Research Publications:

| Sl NO | Date | Title | Faculty/Students | Department |
|--------------|----------------|--|-------------------------|--------------------------------|
| 1 | 14-15 Dec 2015 | National Seminar " Organic Farming Way towards Economic development | Sandhya K P | AP Economics |
| 2 | 9-11 Dec 2015 | Paper Publication. A hybrid approach to relationship from stories held at GEC Thrissur | Devisree V M | M.Tech Student 2013-2015 batch |
| 3 | 9-11 Dec 2015 | Paper Publication in International Conference ICETIC. Unsupervised Approach to word sense Disambiguation in Malayalam held at GEC Thrissur | Sruthi Sankar K P | M.Tech Student 2013-2015 batch |
| 4 | 9-11 Dec 2015 | Paper Publication in International Conference ICETIC. A ruled based questioning answering system in Malayalam using Vibhakti and POS Tag analysis held at GEC Thrissur | Raseek C | AP CSE |
| 5 | 9-11 Dec 2015 | Paper Presentation in International Conference ICETIC. "Malayalam Question & Answering System " held at GEC Thrissur | Binu R | AP CSE |
| 6 | 9-11 Dec 2015 | Paper Publication in International Conference ICETIC. "Automatic AMR Generation for Simple sentence using dependency parser " held at GEC Thrissur | Binu R | AP CSE |
| 7 | 9-11 Dec 2015 | Paper Presentation: International Conference on eSpace-2015 at GEC Thrissur " Sensor Networks Infrastructure for AMI in smart Grid" | Gopi C | AP ECE |
| 8 | 4-7 April 2016 | Research Talk: " Complexity Theory and Approximation Algorithms" | Kala M T | AP CSE |

| | | | | |
|----|----------------------------|---|------------------|----------------|
| 9 | 30 March to April 1st 2016 | Research Talk:" Current research trends in distributed Computing & Networking" at GEC SKP | Ajeesh Ramanujan | Ap CSE |
| 10 | 28-29 April 2016 | Research Talk:" Text Categorization" held at GEC Sreekrishnapuram | Kala M T | AP CSE |
| 11 | 15-16 Feb 2016 | Research Talk: "Ontology Editor protégé for PG Students at GEC Sreekrishnapuram | Ajeesh Ramanujan | AP CSE |
| 12 | 19-21 Nov 2015 | Paper Publication in International Conference at CET Trivandrum. " Text Chunker for Malayalam using Memory based Learning" | Rekha Raj C T | M.Tech Student |
| 13 | 19-21 Nov 2015 | Paper Publication in International Conference at CET Trivandrum. "A memory based approach to Malayalam noun generation" | Reji Rahmath K | M.Tech Student |
| 14 | 9-11 Dec 2015 | Paper Publication in International Conference at GEC Thrissur. "Sandhi Spliter for Malayalam using MBPL Approach" | Nisha M | M.Tech Student |
| 15 | 9-11 Dec 2015 | Paper Publication in International Conference at GEC Thrissur. "Web page ranking Multilingual Information search Algorithm- A novel approach" | Vidya P V | M.Tech Student |
| 16 | 3-5 March 2016 | Paper Publication in International Conference (ICEEOT) at DMI College Chennai. "Ramanujan Sums based image Kernel's for Computer vision" | Krishnaprasad P | M.Tech Student |
| 17 | 10-11 July 2015 | Second National Conference on Instrumentation and control organized by Dept of ICE, NSS Engineering College palakkad: "Human Interface Device using head and Tounge movements for the physically challenged | Ashaprasad | AP ECE |

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|----|----------------|--|--------------------|--------------|
| 18 | | Paper Presentation on International Conference held at CIT Coimbatore: "Effect of temperature on intermetallic layer formation during Annealing of Friction CLAD Al on Steel" | Sudeendran K | AP ME(Adhoc) |
| 19 | 29-30 Dec 2015 | NCCLAIR 2015: | Ajeesh Ramanujan | AP CSE |
| 20 | | Paper publication in ICACC 2015:"Tamil to Malayalam Transliteration" | Dr. P.C. Reghu Raj | HOD CSE |
| 21 | | Paper publication in ICSGT 2015 | Dr. P.C. Reghu Raj | HOD CSE |
| 22 | | Book Chapter: " Hybrid Approach to Sentiment Analysis(Springer) | Dr. P.C. Reghu Raj | HOD CSE |
| 23 | | publications of Journal by M.Tech students: CLEAR Magazine | Dr. P.C. Reghu Raj | HOD CSE |
| 24 | 17-18 Dec 2014 | Paper presentation in First international conference on computational systems & communications: " Fuzzy logic based sentiment analysis of product review documents" | Indhuja K | AP IT(Adhoc) |
| 25 | 17-18 Dec 2014 | Paper Publication in ICCSC-2014: 1) Random forest algorithm for improving the performance of speech/Non-speech detection. 2)Towards improving the performance of speaker recognition systems | Dr. P.C. Reghu Raj | HOD CSE |

| | | | | |
|----|-------------------|---|---------------------------|--------------|
| 26 | 25-27 Feb 2015 | Paper publication in the IEEE international conference on soft computing & network security at SNS College of Tech. Coimbatore. "Malayalam Morphological analysis using MBLP Approach" | Dr. P.C. Reghu Raj | HOD CSE |
| 27 | 26-27 Feb 2015 | Paper publications in International Conference on Advanced Technology in Computer Science & Communication at MET's School of Engineering Mala Thrissur. 1) Power management in MANET in a train route an analysis. 2) Efficiency analysis of Telepresence robots. 3)Analyzing efficiency of various sensors in crash | Vinayachandran K K | AP IT |
| 28 | 19-03-15 | Paper publication in International Conference:" National conference on Innovative Engineering(NCIE-2015)" held at Holy Grace Academy, Mala, Thrissur | Dheeraj R , Naveen M P | AP ME(Adhoc) |
| 29 | 19-21 Feb 2015 | Paper publication in International Conference IEEE-SPICES 2015 at NIT Calicut. 1) Fuzzy logic based hybrid approach for sentiment analysis of Malayalam movies reviews. 2)TnT Tagger with fuzzy ruled based learning | Dr. P.C. Reghu Raj | HOD CSE |

National Service Scheme- Activities

| SL NO | Activity Name | Venue | Date | Participants | Type |
|--------------|---|-----------------------------|-------------|---------------------|---------------------|
| 1 | Ganesh an inspiration | College campus | 20-03-2016 | 23 | Orientation |
| 2 | Akashaparavakal oldage home | Karakurusshi | 19-03-2016 | 25 | Community Programme |
| 3 | kudumba sangamam | sreekrishnapuram hospital | 17-03-2016 | 16 | Community Programme |
| 4 | Palliative tour | Thrissur | 06-03-2016 | 12 | Community Programme |
| 5 | Palliative tour | Thrissur | 05-03-2016 | 12 | Community Programme |
| 6 | LIMGAPURANAM STREETPLAY | THIRUVAYOD | 03-03-2016 | 25 | Community Programme |
| 7 | Science day quiz | GEC Sreekrishnapuram | 29-02-2016 | 37 | Campus Programme |
| 8 | TALK ON 'MAKING THE GLOBE BETTER PLACE TO LIVE' | College | 16-02-2016 | 42 | Campus Programme |
| 9 | INVENTO- College Beautification | College Campus | 13-02-2016 | 26 | Campus Programme |
| 10 | KANIVU-SNEHA SAMGAMAM | KADAMPAZHIPURAM AUPS | 06-02-2016 | 18 | Community Programme |
| 11 | FRIENDS TO SUPPORT | College | 03-02-2016 | 13 | Community Programme |
| 12 | Niranjan Anusmaranam | Mannampatta | 27-01-2016 | 30 | Community Programme |
| 13 | Republic Day Celebration | College | 26-01-2016 | 30 | Campus Programme |
| 14 | First aid training | Sreekrishnapuram HSS school | 24-01-2016 | 20 | Community Programme |
| 15 | P T A Meeting | College Campus | 12-12-2015 | 35 | Campus Programme |
| 16 | Human Rights Day | College Campus | 10-12-2015 | 72 | Campus Programme |
| 17 | Cash collection - Chennai flood | Sreekrishnapuram | 09-12-2015 | 31 | Community Programme |
| 18 | World Day for Disable | Hellen Kellar Blind school | 04-12-2015 | 49 | Community Programme |
| 19 | Palliative orientation and training | College Campus | 02-12-2015 | 38 | Campus Programme |
| 20 | AIDS Day | College Campus | 01-12-2015 | 37 | Community Programme |
| 21 | H I V CD Distribution | College Campus | 28-11-2015 | 55 | Campus Programme |
| 22 | Constitution day celebration | College Campus | 26-11-2015 | 27 | Campus Programme |

| | | | | | |
|----|---|------------------------|------------|----|---------------------|
| 23 | U P S Room Cleaning | College Campus | 19-11-2015 | 23 | Campus Programme |
| 24 | Jeevadhayani | Sreekrishnapuram | 18-11-2015 | 28 | Community Programme |
| 25 | Jeevadayani | Mannampatta | 17-11-2015 | 46 | Community Programme |
| 26 | K T U Orientation | College Campus | 15-11-2015 | 46 | Campus Programme |
| 27 | Jeevadhayani | Sreekrishnapuram | 10-11-2015 | 67 | Community Programme |
| 28 | Poster making Competition - Kerala piravi | College Campus | 02-11-2015 | 48 | Campus Programme |
| 29 | keralapiravi quiz | College Campus | 02-11-2015 | 47 | Campus Programme |
| 30 | Ekatha Divas | College Campus | 31-10-2015 | 68 | Campus Programme |
| 31 | Cherpulassery college of science and technology | College Campus | 28-10-2015 | 77 | Community Programme |
| 32 | world students day | College Campus | 16-10-2015 | 38 | Campus Programme |
| 33 | world students day | College Campus | 15-10-2015 | 56 | Campus Programme |
| 34 | Tour with paliative members | Malampuzha | 10-10-2015 | 11 | Community Programme |
| 35 | cleaning work | Mannampatta | 07-10-2015 | 42 | Community Programme |
| 36 | ozone day exhibition | College Campus | 06-10-2015 | 70 | Campus Programme |
| 37 | Mission inoculate ozone day camp1 | College Campus | 03-10-2015 | 70 | Campus Programme |
| 38 | Cleaning work | College Campus | 02-10-2015 | 53 | Campus Programme |
| 39 | Ozone- Brochure distribution | palakkad, ottapalam | 01-10-2015 | 16 | Community Programme |
| 40 | pre camping | College Campus | 30-09-2015 | 33 | Campus Programme |
| 41 | ozone awareness | Sreekrishnapuram | 29-09-2015 | 13 | Community Programme |
| 42 | Ozone-Brochure distribution | Cherpulassery, shornur | 27-09-2015 | 16 | Community Programme |
| 43 | Ozone - awareness for UP | Sreekrishnapuram | 26-09-2015 | 13 | Community Programme |
| 44 | NSS Day celebration | College Campus | 24-09-2015 | 25 | Orientation |
| 45 | Ozone awareness class | Mannampatta LP school | 23-09-2015 | 13 | Community Programme |
| 46 | Orientation about ozone layer | College | 22-09-2015 | 73 | Orientation |

| | | | | | |
|----|--------------------------------------|--|------------|-----|---------------------|
| 47 | HARITHA SAMVADHAM | Mannampatta health centre | 20-09-2015 | 9 | Community Programme |
| 48 | clean gec | College compound | 18-09-2015 | 25 | Campus Programme |
| 49 | Ozone day celebration | Sreekrishnapuram | 16-09-2015 | 58 | Community Programme |
| 50 | Kanivu Geethangal | College | 07-09-2015 | 66 | Community Programme |
| 51 | AIDS orientation | College | 06-09-2015 | 66 | Orientation |
| 52 | Teachers day celebration | Sreekrishnapuram village | 05-09-2015 | 38 | Community Programme |
| 53 | ANTIWAR | GEC PALAKKAD | 03-09-2015 | 72 | Campus Programme |
| 54 | Anti war day | College | 03-09-2015 | 67 | Campus Programme |
| 55 | NACT meeting | College campus | 31-08-2015 | 10 | Campus Programme |
| 56 | onam celebration | kadampazhipuram hospital | 25-08-2015 | 14 | Community Programme |
| 57 | Onakkittu | College | 21-08-2015 | 73 | Community Programme |
| 58 | campaigning | College | 18-08-2015 | 33 | Campus Programme |
| 59 | INDEPENDENCE DAY | College | 15-08-2015 | 44 | Campus Programme |
| 60 | UPS room cleaning | college campus | 12-08-2015 | 83 | Campus Programme |
| 61 | Orientation | College campus | 11-08-2015 | 73 | Orientation |
| 62 | HIROSHIMA DAY | Mannampatta | 06-08-2015 | 88 | Community Programme |
| 63 | GIVING INVITATION LETTER | College Campus | 03-08-2015 | 86 | Campus Programme |
| 64 | Orientation Camp day 2 | College campus | 02-08-2015 | 75 | Orientation |
| 65 | Orientation camp day 1 | College campus | 01-08-2015 | 74 | Orientation |
| 66 | REMEMBERANCE OF DR.A P J ABDUL KALAM | College Campus | 28-07-2015 | 107 | Campus Programme |
| 67 | Tribute to Kalam | College, Sreekrishnapuram | 28-07-2015 | 107 | Campus Programme |
| 68 | Clean Your College | College, Sreekrishnapuram | 26-07-2015 | 62 | Campus Programme |
| 69 | Orientation class | College, Sreekrishnapuram | 25-07-2015 | 69 | Orientation |
| 70 | CLEAN GEC | College campus | 20-07-2015 | 52 | Campus Programme |
| 71 | Ayurvedic camp help | Sreekrishnapuram Higher Secondary School | 19-07-2015 | 78 | Community Programme |

| | | | | | |
|----|----------------------------------|--|------------|----|---------------------|
| 72 | Dengue Fever Awareness Programme | Mannampatta | 06-07-2015 | 56 | Community Programme |
| 73 | COMPULSORY SOCIAL SERVICE | College Campus | 22-06-2015 | 75 | Campus Programme |
| 74 | Tree plantation | Campus | 10-06-2015 | 75 | Campus Programme |
| 75 | Tree plantation | Campus | 10-06-2015 | 69 | Campus Programme |
| 76 | Tree plantation | Campus | 09-06-2015 | 76 | Campus Programme |
| 77 | Tree plantation | Campus | 08-06-2015 | 74 | Campus Programme |
| 78 | Tree plantation | Campus | 07-06-2015 | 73 | Campus Programme |
| 79 | Tree plantation | Campus | 06-06-2015 | 56 | Campus Programme |
| 80 | Tree plantation | College Campus | 05-06-2015 | 55 | Campus Programme |
| 81 | Tree plantation | College Campus | 05-06-2015 | 49 | Campus Programme |
| 82 | Palliative care kudumbasangamam | Sangeethasilpam Auditorium, Sreekrishnapuram | 04-05-2015 | 49 | Community Programme |

TEQIP-II:

- 1) Technical Education Quality Improvement Program (TEQIP) Phase II (Coordinator: Dr. A Selvakumar Assoc. Professor, ME).

Under this program, a direct central assistance of Rs. 10 Crores has been received. Various activities that help to improve the teaching learning process, employability of the graduates, infrastructure, faculty and Staff development, R & D, Industry relations, etc have been designed and are being implemented SINCE Feb 2013. The project has been extended till Oct 2016. The improvements have started showing up. Ten BoG meetings, Five Mentoring visits, Two Performance Audits, One statutory audit and 4 SRA visits have been completed so far.

| MONTH WISE ACTION PLAN | | | | | | | | |
|--------------------------------|---|--|---|----------------------------------|----------------------------------|------------------------------------|---------------------------------------|-------------------------------------|
| Funds in INR Lakh Rupee | | | | | | | | |
| S. No. | Activities | Category of expenditure (Head of expenditure) | Cumulative Expenditure Till May 2016 | Expenditure for JUNE 2016 | Expenditure for JULY 2016 | Expenditure for AUGUST 2016 | Expenditure for SEPTEMBER 2016 | Expenditure for OCTOBER 2016 |
| 1 | Procurement of goods (equipment, furniture, books, LRs, software and minor items) and civil works for improvement in teaching, training and learning facilities | Procurement (550) | 424.97 | 117.95 | 18.00 | 0 | 0 | 0 |
| 2 | Provide Teaching and Research Assistantships to increase enrolment in existing and new PG programmes in Engineering disciplines | Assistantships (30) | 18.13 | 3.2 | 1.6 | 1.6 | 1.6 | 1.6 |

| | | | | | | | | |
|--------------------|---|---------------------------|--------|--------|-------|-------|------|-------|
| 3 | Enhancement of R & D and institutional consultancy activities | R&D (40) | 4.11 | 10.41 | 7 | 7 | 8 | 3.48 |
| 4 | Faculty and staff development for improved competence | FSD (160) | 80.34 | 21.33 | 13.2 | 17.9 | 17.0 | 10.0 |
| 5 | Enhanced interaction with Industry | I-I-I- Cells (50) | 9.01 | 4.64 | 10 | 9.0 | 9 | 9 |
| 6 | Institutional Management Capacity enhancement | Capacity development (30) | 2.14 | 0.5 | 3.5 | 7.5 | 8 | 8 |
| 7 | Implementation of Institutional academic reforms | Reforms (30) | 14.06 | 0 | 0 | 5 | 5.5 | 5.4 |
| 8 | Academic support for weak students | Student support(10) | 5.04 | 0.25 | 1.25 | 1.25 | 1.20 | 1.0 |
| 9 | Incremental operating cost | IOC (100) | 36.70 | 7.3 | 12 | 14 | 15 | 15 |
| TOTAL | | 1000 | 594.50 | 165.68 | 66.55 | 63.25 | 65.3 | 53.48 |
| Gross Total | | 1008.66 | | | | | | |

| Plan Progress March 2016 | | | | | | | | |
|--|--------------------|---|--|-------------------------------|------------------|-----------------------|-----------------------------------|---|
| Head of Account | Allotment received | Cumulative Expenditure upto previous month of reporting | Expenditure during the reporting month | Progressive Expenditure (4+5) | Pending Payments | Committed Expenditure | Expenditure under pipe-line (PR3) | TOTAL (Total AS issued including payment) (6+7+8+9) |
| 2203-00-112-54-17 MW | 25,76,303 | 23,17,745 | 2,58,558 | 25,76,303 | | 11,21,491 | 5,56,382 | 39,95,798 |
| 2203-00-112-54-19 M&E | 55,97,540 | 41,11,376 | 14,86,164 | 55,97,540 | | 41,12,414 | 35,61,460 | 1,32,71,414 |
| 2203-00-112-54-24 M&S | 4,20,000 | 2,81,479 | 32,758 | 3,14,237 | | | | 3,14,237 |
| 2203-00-112-54-34 OC (3) O.I | 52,42,090 | 52,35,492 | | 52,35,492 | | 21,92,066 | 10,40,339 | 84,67,897 |
| Total | 1,38,35,933 | 1,19,46,092 | 17,77,480 | 1,37,23,572 | 0 | 74,25,971 | 51,58,181 | 2,60,49,346 |
| New Plan Schemes | | | | | | | | |
| 2203-00-112-70 ICT | | | | | | | | 0 |
| 2203-00-003-91 ASAP | | | | | | | | |
| 2203-00-003-66 ERC | 740403 | 0 | 740403 | 7,40,403 | | | | 7,40,403 |
| 2203-00-112-53 TBI | 9,91,081 | 3,45,721 | 6,32,017 | 9,77,738 | | 5200 | | 9,82,938 |
| 2203-00-001-95 Stregthening of Library | 8,47,652 | 808220 | 39,432 | 847652 | | | | 8,47,652 |
| 2203-00-112-63 NMEICT | 14,12,818 | 7,30,353 | 6,82,465 | 14,12,818 | | 4,45,390 | | 18,58,208 |
| 2203-00-112-78 | | | | | | | | |
| 2203-00-003-93 IIC | 2,75,000 | 2,25,000 | 25,000 | 2,50,000 | | | | 2,50,000 |
| 2203-00-003-99 | 3,62,160 | 3,06,960 | 55,200 | 3,62,160 | | | | 3,62,160 |
| 2203-00-112-64 | | | | | | | | |
| Total | 1,84,65,047 | 1,43,62,346 | 39,51,997 | 1,83,14,343 | 0 | 78,76,561 | 51,58,181 | 3,10,90,707 |

Conclusion

At the end of financial year 2015-16, we have reasons to be satisfied on many counts: First the institution is on a sound footing on its journey towards excellence in terms of human and infrastructural resources. Secondly, it has started to get noticed in the professional arena, as exemplified by the improved interaction with institutions of repute, number of extension lectures by the faculty, publications by the staff and students, and sponsored research projects. Thirdly, we were able to maintain a peaceful atmosphere conducive for meaningful academic work. When new programs begin in the near future, there are further chances to improve our position in the academic field. We will strive hard to realize our vision of excellence through the wings of science and technology, in the service of humanity.