IEEE-ICT Students Shine in IEEE Oman Congress 2019

IEEE Oman Section organized the 1st IEEE Oman Congress held at Sultan Qaboos University on March 10, 2019. This student congress helps our student members to network with other student branch members and to collaborate for their academic projects. This congress has three categories for student competitions:

- Robotics Competition
- Programming Competition
- Project Exhibition and Competition

IEEE-ICT Students shine in the student congress by winning the prizes in various competitions and exhibiting their projects. Our Team\textit{AtmegaBots} won \textit{Second Place} in the \textit{Robotics Competition}.

\textbf{Team Members:}

- Saif Sultan Saif Al-Hainai
- Mitha’a Obaid Al-Malki
- Ghaya Hamed Al-Hadifi

\textbf{Training Supervisors:}

- Mr. Donnie Solano
- Mr. Michael Dalisay

The Department of Engineering also extends its congratulations to the students who won \textit{First} and \textit{Second Place} in the \textit{Programming Competition}. This competition is a mixed event among the IEEE student branches in IEEE Oman Section.

\textbf{First Place:}

Abrar Khalifa Al-Maskari

\textbf{Second Place:}

- Mitha’a Obaid Al-Malki
- Ghaya Hamed Al-Hadifi

IEEE Region Head appreciates the efforts taken by IEEE-ICT Student Branch Counsellor Mr.K.Shamganth to make the IEEE-ICT student members to be a part of IEEE Oman Congress 2019.
HoD Message

May the grace and peace of Allah be with all of us.

As Academic Year 2018-2019 is coming to an end, let me take this opportunity to express my gratitude to single member of the Engineering family who has continuously supported us in achieving our goals through their hard work and dedication.

Looking back, I would say that we have come a long way. Our department is recognized not only within college but outside as well. This is evident with how we excelled in various competitions, the number of researches that were awarded to us and the different activities that we spearheaded where we get to invite outsiders and showcased the learnings and projects of our students.

Moving forward, AY 2019-2020 will be not be a walk in the park, it will surely be equally challenging if not more. We expect only the same enthusiasm from you, so together we can succeed. Next year is big for us on our accreditation process, need not to say, everyone’s cooperation is vital for this entire process.

I would also like to thank our staff members who will be leaving us this year. I only wish all the best on your new endeavors and may our Almighty Allah continuously bless and guide you and your families.

I wish all of you a good vacation and may it rejuvenate all of us as we spend as much time with our loved ones.
The Engineering Department congratulates the ICT-IEEE Robotics Team for their achievement as Second Place in the local Oman Elimination Round of the 4th GCC Robotics Competition. The Robotics Challenge was held on 18th March 2019 in Military Technological College. Our Team is qualified for the GCC Regional Robotics Challenge to be held in Canadian University – Dubai.

We would like to express our deep appreciation to the Robotics Team members:

**THE WARRIOR MACHINE**

<table>
<thead>
<tr>
<th>Team Manager</th>
<th>Members</th>
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</thead>
<tbody>
<tr>
<td>Mr. Suthagar Edwin</td>
<td>Abdulaziz Mohammed Nasser Al-Maghdri</td>
</tr>
<tr>
<td>Mr. Donnie C. Solano</td>
<td>Suha Abdullah Salim Al-Kawaii</td>
</tr>
<tr>
<td>Mr. Sivakumar K.</td>
<td>Wadha Said Al-Rahbi</td>
</tr>
<tr>
<td></td>
<td>Ghaya Hamed Al-Hadifi</td>
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</tbody>
</table>
Community Outreach Program

The Department of Engineering organized a two-day workshop as part of the community outreach program to 26 staff members of Ministry of Education on March 10-11, 2019.

The workshop entitled “Robotics Assembly and Programming” which was facilitated by Mr. Michael Dalisay, Mr. Donnie Solano, Mr. Markandan and Mr. Sivakumar covered the following topics: Robot C installation and motor set-up configuration, testing of motors, ultrasonic and line follower sensors and autonomous and non-autonomous demonstration of robots.

In the Electronics Circuit Assembly Workshop, the participants learned the different electronic components, how to make connections and test the circuit on the breadboard. Mr. Gulam Wahid and Mr. Khalid Al-Harthi were the workshop facilitators.

Participants also undergone training related to basics of Arduino Programming which was presented by Dr. Jamaludeen. He discussed the Arduino Uno board and its parts, the Arduino Integrated Development Environment (IDE) and demonstrated some examples.

This program helped the participants to improve and strengthen their skills and keep them updated with the current technology which they can apply in their current job.
What’s the News

**Engineering Lecture Series - “MEMS Energy Harvester”**

First Engineering Lecture Series 2019 held on February 6, 2019 at 9:00AM with over 80 Students and 15 staff members in attendance. This activity aims to supplement what is being taught in the classroom by feeding the students with new ideas and awaken their minds with new technologies used in the different fields of Engineering. Learning inside the classroom is good but giving them more aside from their day-to-day class based scenario is much better. This kind of lecture series will definitely be beneficial to help our students to stimulates their curiosity, elevate their interest and to be more motivated in studying their chosen field.

**Resource Speaker:**

Dr. Musaab Abdallah Hassan Zqrog  
Assistant Professor  
Department of Mechanical and Industrial Engineering  
College of Engineering, Sultan Qaboos University

We believe that by inviting local and international experts whether academicians or industry practitioners from multi-fields of engineering will surely increase the understanding and deepen the comprehension of our students that will love them in continuing taking up engineering courses.

This activity was made possible through the initiative and coordination of Kristian G. Basario, Ph.D, lecturer in Mechanical Engineering.
Telecommunication Students Final OJT Presentation at Omantel

As part of the requirement for OJT, students have to do a presentation of what they have learned during their training. Three Electronics and Communications Engineering students had their presentation in Omantel, Ibra on April 2, 2019. Students were provided training in the following areas:

- Global system for Mobile communication (GSM and Fixed Line)
- Remote Monitoring and Control Equipment
- Network Management System - FINS, UTT, U2000, Google earth
- Configuration of Modem
- Transmission Media

The students were evaluated by Mr. K. Shamganth, HoS –Electrical, Mr. Ibrahim, OJT Coordinator and Assessors from the Electrical Section.

Mr. Said Jufaili, Manager of Omantel Ibra took the chance to inform the team about the job opportunities for IT and Computer students in OXY and Omantel and the new procedures of internship program.

The Department of Engineering would like to express its sincere appreciation to the company for being one of the OJT partners and for sharing their expertise to our students.
What's the News

Tapping our Alumni as Expert Panelist for Student Project

The project presentation of bachelor, advanced and diploma level students were conducted on April 17 and 18, 2019. Engineering students are motivated to make their final project presentation for evaluation before a panel of academic and industry experts.

We have invited eight external evaluators to be part of the panelist. For this Spring 2019 semester, we are very pleased and proud to have ICT alumni working from various companies as industry expert panelist.

1. Mr. Mohammed Abdullah Hamood Al-Rahbi, Director of Information Technology Ministry of Health
2. Mr. Said Mohammed Said Al-Habsi - Network Engineer, Omantel
3. Mr. Ahmed Sulaiman Al-Musalhi – Engineer, Omantel
4. Mr. Mohammed Al Hajri - Engineer Mazoon Company
5. Saif Sulaiman Al Adhubi - Reliability Engineer - Sohar Aluminum, Sohar
6. Kareem Obaid Bilal Al Harthi.- Engineer, National Drilling Service Company, Muscat
7. Ali Salim Saeed Al-Harth – Engineer, Galfar Engineering and Contracting SAOG, Muscat
8. Said Khalfan Saif Al Harthi – Engineer, Galfar Engineering and Contracting SAOG, Muscat

The Department of Engineering has recognized the contribution of these industry experts in sharing their knowledge, time and expertise to our students. We would like to express of sincere appreciation to all of them.

The Industrial Link Committee members -Mr. Janakiraman and Mr. Babu together with our OJT Coordinators - Mr. Ibrahim and Mr. Nusrathullah have gone out of their way to bring in these experts to our College.
Benchmarking between ICT and NCT

Benchmarking activity was initiated between the Engineering Department of Ibra College of Technology (ICT) and Nizwa College of Technology (NCT) on May 5th, 2019 at EE 101. Benchmarking team was formed and composed of the heads and selected staff member of the Engineering department of the two colleges.

<table>
<thead>
<tr>
<th>ICT</th>
<th>NCT</th>
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<tbody>
<tr>
<td>Dr. Sami Ghnimi, HoD-Engg</td>
<td>Dr. Saravanan P, HoS-Mechanical Section</td>
</tr>
<tr>
<td>Mr. Shamganth K, HoS-Electrical and Elec-tronics</td>
<td>Dr. Ben Sujin, HoS-Electrical and Elec-tronics Section</td>
</tr>
<tr>
<td>Mr. Mohd Saad, HoS-Mechanical Section</td>
<td>Dr. Sabareesan K</td>
</tr>
<tr>
<td>Dr. Nitin Sonar, QAC-Engineering</td>
<td>Mr. Thyagarajan</td>
</tr>
<tr>
<td>Dr. Srinivas G.</td>
<td>Mr. Muthukumar</td>
</tr>
<tr>
<td>Dr. Amaravadi Ramakrishna</td>
<td>Mr. Bhanukiran K</td>
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<tr>
<td>Dr. Praveen N</td>
<td>Mr. Ramesh V</td>
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<tr>
<td>Mr. Mohan Kumar K</td>
<td>Mr. Saravana K</td>
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<tr>
<td>Ms. Syed Amma Sheikh</td>
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During the meeting, the following areas for benchmarking were identified and discussed:

1. Planning procedures, monitoring
2. Planning and assessments of student’s project
4. Effective implementation of Plagiarism Policy
5. Mitigation of problems related to students under probation.
6. Allocation of specialization for students.
7. Best practices in maintaining course files
8. Student retention and progression

Such benchmarks serve as tool for both institutions to help identify performance gaps and opportunities for improvement. It is a rewarding activity that each shared the best practices which they can adapt to achieve better performance.
Alumni Motivational Talk Series

The Engineering Department has launched the Alumni Motivational Talk Series 2019. We have invited Engineering graduates who have been successful in their respective career to give their testimony to inspire our students.

Mr. Mohammed Yousuf Mohammed Al Maskari is our first resource speaker to give a motivational talk on Tuesday, May 21, 2019. He is graduate in Mechanical Engineering and now working as Support Engineer / Bulk Fuel Infrastructure at the Ministry of Defence.

In his talk, Mr. Mohammed shared his experiences to the students – “Do not memorize, develop critical and logical thinking,” was his big message to the audience of more than a hundred students. He mentions that students should develop their public speaking skills as well. When going for interview, Mr. Mohammed tells them to learn the basics and check the background of the company they want to apply which is available in “About the Company” column of all the company portals.

It was remarkable that the students have shown their interests as they ask questions to the resource speaker. There was a spark of enthusiasm among the students to hear a great testimony from an ICT graduate.

The Department, through our HOD, Dr. Sami Al-Ghnimi, is so grateful to our alumnus, Mr. Mohammed for coming back to his alma mater with a powerful message to inspire our young Omani Engineering students. Also, we appreciate the presence of Dr. Azzah Ahmed Said Al Maskari, College Dean, and Dr. Mohammed Rashid Hamdan Al Mamari, Asst. Dean for Academic Affairs.

- Basil Blasco

Insights that Matter

“Most people do not listen with the intent to understand; they listen with the intent to reply.”

- Stephen R. Covey, The 7 Habits of Highly Effective People
Staff Development Program

Seminar on “Electrical Capacitance Tomography (ECT)”

Dr. Kristian G. Basario, lecturer from Mechanical Section gave a seminar entitled “Visualization of Temperature Distribution during Real Time Multiphase Flow Process in Various Applications” to the engineering staff last January 10, 2019. The seminar focused on the new technology Electrical Capacitance Tomography (ECT) and its applications in the different fields of engineering. This technology is about the visualization of the actual processes inside the pipeline or any vessels in real time.

Electrical Capacitance Tomography (ECT) is designed to investigate, measures and visualize inner process in a non-invasive and non-intrusive way. Its main idea is collecting the cross section images within the enclosed area based on the 66-capacitance measurement in which out of it the relative permittivity values are obtained. ECT is used to all multi-phase processes like solid-liquid phase and vice versa, liquid-gas phase and vice versa, gas-solid and vice versa and so on, hence it is applicable to almost all industrial fields. This kind of technology can help the users to create or formulate mathematical equations for calculations for thermodynamic properties parameter setting. Generating graphical data can help analyze the results in scholarly engineering works. Further, the most interesting and exciting are the 2D and 3D images that ECT can provide during the actual processes. This will validate the theoretical aspect of multi-phase flow to actual process scenario.
Induction Program for New Intake

The Department of Engineering in coordination with the Student Affairs and Educational Technology Center (ETC) conducted an induction program for seventy-five new intake students on 28\textsuperscript{th} January 2019 from 10.00 AM to 12 noon at the Main Hall.

Dr. Mohammed Rashid Hamdan Al Mamari, Assistant Dean for Academic Affairs, Dr. Sami Ghnimi, HoD of Engineering welcomed the students. This induction program emphasized on the discussion of the degree audit, course structure, grading system, calculation of GPA-CGPA, academic probation, graduate attributes, different specialization offered by the department, the general rules & regulations including student grievance, plagiarism, discipline and other policies on academic advising and various services offered by ETC.

Arabic version was presented by Mr. Hani Said Ahmed Al Shaaibi, Head of the Admission and Registration. Dr. Ghadna Sulaiman Saif Al Maskari, Head of the Quality Assurance Department explained topics related to quality assurance. The program ended with an open forum with the students.
Familiarization of Practical Antenna Systems

The Department of Engineering in collaboration with the Students’ Departmental Society organized a workshop entitled “Familiarization of Practical Antenna Systems” on March 19, 2019 at EE104 – Advanced Telecommunication Laboratory. The workshop was intended for the Electronics and Communications students to provide an overview of practical antenna systems and their importance in telecommunications.

It covered the fundamentals of antenna systems, different types and their applications, familiarization of the practical antennas, measurement of antenna parameters through hands on activities using the LabVolt Antenna System Trainer.

This activity was facilitated by Ms. Sunitha Wilson Gomez and Mr. Vivek P K.

“The best preparation for tomorrow is doing your best today”
Advanced Training on CNC

The Mechanical Engineering CNC lab is equipped with automated machines - Computer Numerical Control. As an add-on training for students in their higher level of studies, the Department has conducted training on EMCO CONCEPT TURN 250 and CNC PROGRAMMING ON FANUC CONTROL on 12th and 19th March 2019. The training program mainly focused to give advanced training in programming skills and to understand all machining cycles. Likewise, the training focused to give practice for our students to improve their understanding on function of G codes and M codes and machining cycles. This workshop covered wide spectrum of programming knowledge on Fanuc control.

CNC machine is capable to produce component parts with precise specifications from a material following a computer program instruction. This machine is a major advance in machining using Computer Aided Design software. Functions called G codes, are used to determine the geometry of tool movements and operating state of the machine controller; functions such as linear cutting movements, drilling operations and specifying the units of measurement. Functions called M codes, are used by the CNC to command on/off signals to the machine functions. FANUC (Fuji Automatic Numerical Control) is one of the largest makers of industrial robots in the world; part of Fujitsu developing early numerical control (NC) and servo systems. The training was participated in by Mechanical engineering students from different levels; and was presented Mr. Yaqoub Khalid Al Nafie and Mr. S. Vidhukumar.

- Basil Blasco
C Programming Competition 2019

More than 20 Engineering students in their Diploma level participated in the 7th Annual C Programming Competition organized by the Electrical and Electronics Section on 12th of March, 2019 at the Software Engineering Laboratory (ME 106). This annual competition aims to enhance the student’s logical thinking, problem solving skills and ability to work in a team. This also brings a new level of enthusiasms for extra-curricular activities.

The students were grouped into a team of two members and were given two problems in which they have to analyze and solve within 60 minutes. The problems included practical questions that involve logical solutions to common engineering problems. The team who submitted the most number of correct solutions were declared winners. All participating students were awarded certificate of participation.

Congratulations to the winners of this year’s competition!

<table>
<thead>
<tr>
<th>Champion</th>
<th>1st Runner up</th>
<th>2nd Runner up</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yousuf Salim AL-Nasri (32J1664)</td>
<td>Abeer Issa Salim Issa Al-Sibaei (32S15159)</td>
<td>Amal Khalfan Saif Sulaiman Al Rawahi (34J1612)</td>
</tr>
</tbody>
</table>

[Images of students participating in the competition]
ART OF MODEL MAKING COMPETITION

The Department of Engineering organized an Art of Model Making Competition with the theme “Less is More” on March 12, 2019. This is to encourage students to think more about sustainable environment by making an ecofriendly model using less and recyclable materials.

Twenty-four students from Architecture Engineering participated and were supervised by Ms. Nawal Dammak, Ms. Jainul Arrifa and Ms. Zaina Al Habsi.

The activity ended with an inspirational message from Dr. Sami Ghnimi, HoD- Engineering and from Mr. Mohammed Syed Saad, HoS-Mechanical Section. Certificates were given to the winners.

1st Prize:
Athar Ibrahim Al Rahbi
Jamila Saif Al Mabsali
Ruqia Jaafar Hamid Al Nahdi

2nd Prize:
Noor Al Huda Al Mahrooqi
Al Shima Ali Al Rashdiah
Malak Ali Al Mashaikhi

3rd Prize:
Zakariya Hamed Al Habsi
Yousif Ahmed Al Qasimi
PLANT VISIT in ENGIE STOMO Company

Eight students in Mechanical Engineering - B. Tech level visited the company - ENGIE STOMO, Muscat accompanied by Mr. S. Janakiraman, lecturer in Mechanical Engineering on February 13, 2019. During the plant visit, the students were given an orientation regarding safety rules of the company. The Plant Engineer, Mr. Ali Adil Al Shuaibi explained about power production and transmission, understanding current market scenarios and latest technology of the gas turbines power plants. Technical Supervisors explained about the dynamics of various mechanical components such as; compressor, gas turbine, firing chamber, air and water cooling systems and the fuel supply systems.

Engie Stomo is the largest provider of operation and maintenance services in the Sultanate of Oman with a net installed capacity of approximately 3,890 MW of electricity and a net capacity of 270,000 m3 per day of potable water.
An Industrial Visit to Sohar Aluminium

Twenty-one students of Advanced Diploma Mechanical Engineering accompanied by Mr. Mohankumar and Mr. Vickneshkumar, lecturers in Mechanical Section visited Sohar Aluminium on February 3, 2019. The company is extracting pure aluminium by electrolytic process and making aluminium blocks to customers in Oman.

The head of the health of safety department explained the safety rules to be followed inside the factory. Mr. Saif Suleiman Al Adhoobi, an alumnus of the College and currently working as an engineer in the Reduction Department guided the students and explained the process of extracting aluminium from its ore bauxite. The group also had the chance to see modern equipment like the gantry cranes and the anode used in the electrolytic process.

This visit was organized by the Industrial Link Committee through Dr. M Nusrathulla & Mr. Syed Mohammed Ibrahim.

Educational Tour at Oman Convention and Exhibition Centre

As a part of the academic exercise, twenty-five (25) students of Advance Diploma in Architectural Engineering visited Oman Convention and Exhibition Centre on February 5, 2019. The purpose of the visit is to gain practical knowledge on the different aspect of design such as Green building concept, LEED program, duct design in HVAC systems and district cooling system.

Mr. Trevor McCartney, General Manager welcomed the group and gave an orientation about the operation of the convention center. Mr. Jayasurya Vasavan, Associate Director MEP-OCEC gave a detailed lecture on the design concept of convention center.

Students have shown good response in learning new things in their career. They were accompanied by their teachers Ms. Jainul Arrifa and Ms. Zaina Al Habsi.

“Knowledge is of no value unless you put it in practice.”

-Anton Chekov
Engineering Students Visit Oman Fiber Optic Company

An industrial visit to Oman Fiber Optic Company was organized by the Industrial Link Committee on February 6, 2019. Twenty Engineering students with their teachers Mr. Mohammed Gulam Wahid and Mr. Anand Kumar visited the company to see the actual manufacturing process of cables. The students also gained an insight on how safety and quality control procedures are implemented in the company.

INTEGRATED PETROLEUM SERVICES Plant Visit

Fifteen students of Diploma in Mechanical Engineering visited the company “INTEGRATED PETROLEUM SERVICES (GULF ENERGY)”, Nizwa on March 11, 2019. They were accompanied by Mr. S Janakiraman and Mrs. Ruma Jalauddin, lecturers in Mechanical Engineering.

During the plant visit, the students were given an orientation regarding safety rules of the company. The Plant Engineer, Mr. Ahmed Al Shuaili explained about pumping systems and oil extraction methods using chemical solvents to understand mechanical components of effective pumping systems by the diesel engine and technologies involved in the extraction of oil, lubrication, cleaning by chemical solvents. Technical Supervisors explained about the dynamic mechanical components such as centrifugal pump, diesel engine, lubrication methods.

Integrated Petroleum services provides well engineering, well operations and well technology services to the upstream oil and gas industry in the Sultanate of Oman.

The visit was organized by Industrial Link Committee Coordinators, Dr. M Nusrathulla & Mr. Syed Mohammed Ibrahim.
An Industrial Visit to OMANTEL, Ibra

The Industrial link committee of Department of Engineering organized an industrial visit to Omantel, Ibra for Bachelor of Computer Engineering students on February 7, 2019 and for students of Advanced Diploma in Electronics and Telecommunication Engineering on February 17, 2019. The visit gave an opportunity for students to learn and understand the industry’s operation and exposed them to the practical application of their chosen field.

The group of Computer Engineering students learned about the types of topology and the software used to maintain the system. The students were accompanied by Dr. J. Amjath Ali.

This visit helped the Electronics and Telecommunications Engineering students understand the real time operation of Base Transceiver station (BTS), the elements present in a BTS, the operation of Base Station Controller and Mobile Switching Center for 2G, 3G and 4G network. Also the students got familiarized with the operation of the Cellular network which is part of their course Telecommunication II. The students were accompanied by their Course Lecturer Mr. K. Shamganth.

Engr. Saeed Al-Habsi, Engr. Ali Al-Busaidi and Engr. Ahmed Al-Musalami explained the different divisions of OMANTEL. Students had a wonderful experience and they expect to have more company visit in future.

"Wisdom is the daughter of experience.” - Leonardo da Vinci
Industrial Visit

Architecture Students Explore Cultural and Heritage Sites at Al Mudhaireb

It was a great opportunity for our sixteen Bachelor students in Architecture Engineering to visit one of the historical and cultural attractions of Oman located in Al Mudhaireb, Ibra on March 14, 2019. The aim of the visit was to gain an insight on the architectural preservation and conservation of historic structures.

During the visit, students have explored the old houses, towers including the ruins of the old village. Students were able to feel the culture and tradition of the place. They have also learned about the construction techniques and materials used which contribute to the preservation of the sites.

The students were accompanied by their teacher, Ms. Jainul Arrifa.

"To acquire knowledge, one must study; but to acquire wisdom, one must observe."

- Marilyn ves Savant
IOT based Energy Monitoring and Management with Focus on Energy Bill


Supervisor: Mr. Prathap Raju  Technician: Mr. Luisito Cabigting

ABSTRACT

This project “IOT Based Energy Monitoring and Management with a Focus on Energy Bill” emphasize on application of Internet of Things in electrical load management system. IOT as used in this concept is completely based on wireless connectivity deals with management of the loads through Wi-Fi modules. To be precise, this project’s objective is to monitor the load consumption by installing the project application and MATLAB application on the server. The application will calculate and plot energy usage and electricity bill. A methodology is developed to disconnect the load centre if the electricity bill exceeds a default amount. Micro controller is programmed to read the overall electricity bill, calculate and trigger the MCB/relay of the load centre as electricity bill exceeds.

DESIGN AND FABRICATION OF 5 IN 1 AGRICULTURE ROBOT


Supervisor: Ramesh V, Technician: Mr. Roberto Villegas

Abstract

Generally, the work in agriculture farming like plowing, seeding, fertilizing and irrigation done by farmer takes a lot of time and also with high cost. The present work involves the development and fabrication of a 5 in 1 agriculture robot. The 5 in 1 agriculture robot includes of plowing the soil, putting seed, covering it, adding fertilizer and water in same time by using electrical power.

Compare to the traditional method of farming, this project presents a new method to agriculture practices starting with plowing with use of machinery; the seed machine which also driven by the farmer along the agricultural land. Then for fertilization, covering the seed with soil, and irrigation, there is an automatic machine that can do all these task.
Staff of the Month

January 2019
Pratapata Raju
Electrical Section

February 2019
Saravanan Karthivel
Mechanical Section

March 2019
Michael Dalisay
Electrical Section

April 2019
M. Nusruthulla
Mechanical Section

May 2019
Mohammed Syed Ibrahim
Electrical Section

June 2019
Roberto Villegas
Mechanical Section

New Face in the Department
Syed Khaja Ahmeduddin Zakir
M. Tech. Electronics and Communication s Engineering

"A great attitude becomes a great DAY which becomes a great MONTH, which becomes a great YEAR which becomes a great LIFE"
- Mandy Hale
Department Statistics

Lecturer Distribution by Specialization - Spring 2019

Technical Staff Distribution by Specialization - Spring 2019

Student Distribution by Specialization—Spring 2019

- General, 462
- Electrical, 235
- Electronics & Comm, 151
- OJT, 96
- Postpone / Withdraw, 14
- Computer, 104
- Mechanical, 232
- Architecture, 100
- APP. SCIENCE, 7
- ELECTRONICS, 12
- ELECTRICAL, 14
- MECHANICAL, 15
- COMPUTER, 6
- ARCHITECTURE, 5
- ELECTRICAL, 13
- MECHANICAL, 16
- APP. SCIENCE, 4
- ELECTRONICS, 6
- COMPUTER, 5
- ARCHITECTURE, 2
"As engineers, we were going to be in a position to change the world – not just study it."

- Henry Petroski, American engineer and author specializing in failure analysis
"Appreciation is a wonderful thing. It makes what is excellent in others belong to us as well”

- Voltaire
"Appreciation is a wonderful thing. It makes what is excellent in others belong to us as well"

- Voltaire
"Appreciation is a wonderful thing. It makes what is excellent in others belong to us as well"

- Voltaire
Health and Safety Corner

Be Safe!

An innovative strategy to create awareness in the ICT community on health and safety was done by our dedicated staff and students – A Health and Safety Exhibition.

The health and safety groups have showcased First aid kits, Emergency evacuation procedures, Firefighting equipment, exposition of Electrical and mechanical hazards. A video presentation on the use of First aid kit, Emergency evacuation, and Rescue operation was presented by the members of the committee.

This whole day exhibit was held on 6th March 2019 at the ICT Main Hall.