July 31, 2019

Dear Industrial Partners, Alumni, Students, Faculty, and Friends of IET,

During Summer 2018, the department of Computer Science and Industrial Technology (CSIT) split into Computer Science (CS) and Industrial and Engineering Technology (IET). It is a pleasure serving as a Department Head for the newly formed IET department and to continue the great work that has been established within our department.

This 2018-2019 journal shows some of the great initiatives, efforts, and accomplishments that our faculty and students have been working on. Some of the most successful events during this year were the re-accreditation of both, OSHE and IT programs. Also, the participation in Tech-Connect reached a new record of 44 employers coming to campus to recruit IET and CS students.

I am positive about the projection of the Department and the great job placement stories we received. Looking forward to the new academic year 2019-2020 and the projects we have ahead of us, including the re-accreditation of the ET program.

Mohammad Saadeh, Ph.D. MBA
Department Head, Industrial and Engineering Technology
September 22nd was our first time having STEM Fest at Bogalusa High School! Faculty from Southeastern and the Department of Industrial and Engineering Technology presented STEM activities to students and parents and engaged in good discussions with them.
OCTOBER
The 2018 IET Department Advisory Committee Annual Meeting was held on Friday, **Oct.26** from 8:00 AM to 1:00 PM in the Student Union Ballroom. Those in attendance took a tour of the CST building enjoyed looking over the many new pieces of equipment received.
Ponchatoula Community STEM Cafe was held at the Ponchatoula Junior High School on Saturday Oct. 27 from 10:00 AM to 12:00 PM. Mr. Laurence Mauerman, Dr. Emre Bahadır, and Dr. Mohammad Saadeh from IET participated in the Middle School Career Exploration section and the High School College and Career Conversation.
MEET & GREET!

NOVEMBER 5TH, 2018
Southeastern and RPCC Students with our district director and national president.
Mr. Anthony Blakeney and a group of IT students participated in the 2018 FABTECH event.
Field trip to the Entergy Nuclear - River Bend Station at Saint Francisville. On Tuesday Nov 7th, Mr. Lawrence Mauerman and Mr. Calvin Pepper lead a group of eight students to tour the Entergy Nuclear Plant in Saint Francisville.

OSHE PROGRAM RECEIVED THE ABET REPORT!

OSHE PROGRAM APPLIED FOR AND RECEIVED AN ADDITIONAL SIX YEARS ACCREDITATION
ULL UNDERGRADUATE RESEARCH CONFERENCE

University of Louisiana Lafayette hosted the 11th Annual Undergraduate Research Conference on Nov 16-17, 2018. Two faculty (Dr. Mohamed Zeidan and Dr. Ahmad Fayed) and four students (Benjamin Boyett, Jordan Perez, Blake McHugh, Ryan Fabre) from Engineering Technology participated in the conference.

Presenters: Benjamin Boyett, Jordan Perez, Blake McHugh

1. Marine Debris Cleaner, Phase 1: Navigation (Poster Presentation)
   Presenter: Ryan Fabre, Advisor Dr. Ahmad Fayed
2. Rapid Setting Cement Based Mortars using Nano Silica (Oral Presentation)

"HIGH QUALITY UNDERGRAD RESEARCH TAKES PLACE IN IET!"
-DR. SAADEH
Students in ET 234 Tour Gainey's Concrete Facility.
Dr. Zeidan along with his ET 234 class toured Gainey's Concrete facility in Holden LA. Ganey currently hires four IET graduates.

On Friday Nov 30, a group of Hammond High students' Torbotsics Team lead by Coach Dan Thomasson toured the CSTB building. They browsed the new machines in the machine shop, the robots and 3D printers, the electronics lab and the mechatronics lab.
On Friday **Nov 30, 2018** ET senior project students presented their designs to an audience of industrial partners, faculty, alumni, Hammond High students, and potential students.
DECEMBER
ET RECEIVED A $5,000 GRANT FROM THE TERRACON FOUNDATION!

December 17, 2018
Sr. Pricnipal and Office Manager at Terracon, Laura J. Camps, and Matt Minton, Department Manager of Lab Services at Terracon handed a $5,000 check to Dr. Mohamed Zeidan. The grant will help setup a scholarship that will be distributed between two ET students. Dean of College Dr. Dan McCarthy and Department Head Dr. Mohammad Saadeh were present as well.

NEW ORLEANS/BATON ROUGE SOLIDWORKS USER GROUP-SOUTHEASTERN MEETING

Dr. Emre Bahadir invited the NOBRSWUG to the CSTB for a meeting on December 5th, 2018 at 5:30 pm. Attendance was open to all IET faculty and students.
ROSELAND COMMUNITY STEM CAFE WAS HELD AT THE PINE JR/SR HIGH SCHOOL ON SATURDAY MAR. 16 FROM 9:30 AM TO 12:00 PM. DR. EPHRAIM MASSAWE, DR. EMRE BAHADIR, AND DR. SID MARTIN FROM IET PARTICIPATED IN THE MIDDLE SCHOOL CAREER EXPLORATION SECTION AND THE HIGH SCHOOL COLLEGE AND CAREER CONVERSATION.
Dr. Emre Bahadir, Dr. Sid Martin, and Mr. Lawrence Mauerman participated in the event that took place on Saturday 4/27/2019 at Michael J Kennedy Center, Hammond LA.

IT RECEIVES ACCREDITATION THROUGH ATMAE!

The two IT degrees (BS and AAS) received six years full accreditation through 2025. The re-accreditation visit took place between April 7-9, 2019.
On April 16, 2019, a group of ET and OSHE Students participated in the 2019 Student Showcase. They presented their senior projects and engaged in discussions with audience from Southeastern community.
HONORS CONVOCATION

We are very proud of our fine students who have turned into young professionals. They were honored during the College Honors convocation on Tuesday, April 30, 2019.

IT-BS (Trenton Alford, GPA 3.692)
OSHE (Dylan Duhe, GPA 3.741)
ET (Zachery Guy, GPA 3.891)
Three of our fine OSHE students were recipients of the Sonny Hedge's HSE Scholarship. The awards were distributed during the GCSC 19th Annual Safety Awards Banquet on Thursday, May 2, 2019.
Dr. Sid Martin, and Dr. Emre Bahadir (IET Faculty) helped Greenville Park Leadership Academy (k-8) with their annual STEM Day on Saturday, May 4th 2019. This is the STEM Magnet school for Tangipahoa Parish.

Thank you Drs. Martin and Bahadir!
ET SENIOR PROJECT PRESENTATIONS. WE ARE GRATEFUL TO THE INDUSTRIAL PARTNERS WHO JOINED US THAT DAY. THIS YEARLONG CAPSTONE PROJECT WOULDN'T BE POSSIBLE WITHOUT THE EFFORTS OF OUR FACULTY AND THE GRADUATING STUDENTS.
Mr Rixio Medina, ASSP 2018-2019 president, visited with Dr. Saadeh and the OSHE professors during his trip to attend OSHE graduation ceremony.
STEM DAY

MAY 28TH, 2019

IET in STEM Day at the Baby Cakes park!
We celebrated 20 bright OSHE graduates, way to go Grads! So thankful to Mr. Rixio Medina (ASSP 18-19 President), Mr. David West (BCSP 18-19 President Elect), and Mr. AJ Downing (GBRASSP 18-19 President Elect) for joining us in this wonderful event.