

PORTRAITS

THE NEWSLETTER OF ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES. RAJAMPET

Memoranda of Understanding with German Universities



Mr. Abhishek, Executive Director of Annamacharya Group of Institutions, with German Delegates

AITs Rajampet executed an MoU with GC German Center for Engineering and Management Studies (GEMS), Aachen and European center for Mechatronics APS GmbH (ECM APS), Aachen in Germany. As part of this MoU, GEMS and ECMAPS collaborate with AITS Rajampet to establish the European Center for Mechatronics and Manufacturing and Advanced Robotic Control Lab on its campus. The MoU gives AITS an opportunity for establishing a research centre for transnational research projects between Germany and AITS Rajampet. GEMS and ECM APS shall invite two faculty members from AITS Rajampet to Germany and offer student training in Mechatronics and Manufacturing Courses. An Advisory Board keeps up with the rapidly changing trends in Mechatronics and Manufacturing area and review the progress of the collaboration activities.

On behalf of AITS Rajampet, Mr. C. Abhishek, Executive Director, Annamacharya Educational Trust attended Academic Leaders Delegation organized by APSSDC from 11th September to 18th September 2018 in Aachen University, Germany. Mr. Abhishek and Dr. Till Quadflieg, Dr. Christopher Greb, Managing Directors of European Center for Mechatronics APS GmbH, Mr. V. Venkata Nagaraju, President of GC German Center for Engineering and Management Studies signed the MoU.

An MoU was inked with European Education and Research Council (GEMS) and Steinbeis Institute of Sustainable Resource Usage & Energy Management (nReEn) to establish and develop a bilateral research centre in India named "Centre for Excellence for Innovation and Technology Management for Indo-German Research Presence" as a part of the Indo-Euro Synchronization for initiating, strengthening and supporting of partnerships between German and Indian Organization in the form of Research and Development Projects, technology transfer, and industry related study and training programmes.

On behalf of AITS Rajampet, Mr. C. Abhishek, Executive Director, Annamacharya Educational Trust attended Academic Leaders Delegation organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Frankfurt, Germany.

This MoU aims at building up a network of companies, research institutes and Universities for creation of research activities between India and Germany. Also, the agreement makes it possible for students to study engineering courses via distance learning.

Mr. C. Gangi Reddy, Founder of Annamacharya Educational Trust, expressed his happiness for having partnered with German Universities for the support of Indo-German research presence.

6th Graduation Day celebrated



Sri C. Gangi Reddy, Founder, delivering his address

6th Graduation Day was celebrated on 21st July 2018 with splendor and pomp on the campus. Chief Guest of the event Prof. S. Srinivas Kumar, Vice-Chancellor JNTUA, Anantapuramu, addressed the young graduates on the occasion and gave away provisional certificates. He praised the institution for imparting high quality Technical education to rural students in the region. Prof. S. Srinivas Kumar said "education and values together makes a man successful in life, so students should also follow values in their career to achieve their goals".

Sri Choppa Gangi Reddy, the founder AET presided over the function and he said "students with higher education should work for the benefit of society in life". Dr. S.M.V. Narayana, Principal AITS congratulated young graduates on this occasion and said "students in the present era should adopt hard working and leadership skills to achieve the desired results in their life". Prof. K. Govindarajulu, Officer on Special duty to Vice-Chancellor, JNTUA, Anantapuramu; Dr. C. Ramachandra Reddy, Chairman AET; Sri Choppa Yella Reddy, Vice-Chairman AET; Deans of the institute; All Heads of Departments; staff were present in the event.

NSS Volunteers offered training

Celebrating the 50th Anniversary of NSS on 30th September 2018, NSS volunteers visited the local orphanage and spoke to them about the importance of pursuing higher education. Volunteers also offered training in Software tools such as MS Office and Windows 10. Singing competition, games and sports competitions for the orphan children were also conducted and prizes were given away before lunch was served to them. Dr. L. Obulapathi, NSS Coordinator, Dr. M. Padma Lalitha, faculty from EEE and students participated in the event.

Surgical Strike Day Celebrations



Felicitating to ex-army employees

Recalling the gallantry showcased by Indian Army when it conducted the surgical strikes on terrorist launch pads in Pakistan Occupied Kashmir in 2016, Surgical Strike Day is celebrated on 28th September 2018. As a token of gratitude for the services offered by Indian Armed forces to the country, more than 100 ex-military personals are felicitated during the surgical strike day celebrations on the campus. Dr. M. Ramachandra Reddy, Sainik Welfare officer, Kadapa, is the Chief Guest of the function. "Services of armmen and their sacrifices are worthy to acknowledge through this sort of functions" said Dr. M. Ramachandra Reddy. He thanked Management for coming forward with a noble gesture to felicitate ex-military personals for their services. Sri. B. Yella Reddy, District President, Sainik Welfare Association, Kadapa, guest of honor of the event expressed his happiness to be amidst retired military fraternity. He recalled his experiences of his service on boarder and explained briefly the armaments soldiers use as part of their regular duty. Pola Sreenivasula Reddy was the Special Invitee of the event. Presidents of Sainik Welfare Associations in Kadapa District were also invited. Dr. SMV Narayana, Principal, AITS, presided over the function, who during his address, explained the significance of Surgical Strike. He urged all the student attendees to imbibe the dedication and patriotism of a soldier to be a true Indian.

Commemorating Surgical Strike Day, Touchstone, Center for English Language and Learning, Conducted an essay writing competition on "Surgical Strike Day of 29th Sept, 2016", and K.Sahithi (III ECE); N. Prathusha (III ECE) collected First and Second Prizes from the hands of Chief Guest.

Personality Development programme by Sri Bodhamayananda



Sri Bodhamayananda, VIHE Ramakrishna Math, Hyderabad

A personality development programme titled “Potentiality into Performance” was delivered by Sri Bodhamayananda Swamiji, Director, Vivekananda Institute of Human Excellence, Ramakrishna Math, Hyderabad, on 8 October 2018 for I B. Tech students. He said that the intent of pursuing higher education was to convert the intelligence of students into an infinite power. He advised the students that success could be possible with the proper thinking of brain, proper responding of heart and proper working with hands in a meticulous way. He also mentioned that one could scale great heights with determination, grit and gumption. Swamiji gave numerous illustrations of real-life situations and asked the students to imbibe human values. He also interacted with the teaching faculty and described characteristic features of a good teacher in the society. Dr. S.M.V. Narayana, Principal advised the students to emulate Swamiji and work towards the welfare of the society. Mr. C. Yella Reddy, Vice Chairman hailed Swamiji for his suggestions and for gracing the occasion despite his hectic schedules. Dr. B. Bala Nagendra Prasad, Head, appreciated the selfless services rendered by Swamiji.

Blood Donation Camp by NSS Unit

A “Blood donation camp” was organized by NSS Unit AITS in association with Red Cross Society on 15th December, 2018 in the campus. Mr. R. Raghavendra, DSP Rajampet, inaugurated the Blood donation camp and said “Donating blood is a noble cause and everyone must donate blood to save lives of people”. He donated his blood in the camp. Dr. L. Obulapati, Coordinator NSS, expressed his happiness that they collected 120 units of blood from staff members and students in the institute.

An Invited Talk by Padmasree Rajagopalan Vasudevan



Padmasree Rajagopalan Vasudevan, Plastic Man of India

Padmasree Rajagopalan Vasudevan, Dean, Department of Chemistry, at Thiagarajar College of Engineering, Madurai, also Known as the 'Plastic Man of India', delivered a guest lecture on the topic “Use of recycled Plastic in the construction of durable roads” on 28th December 2018. Vasudevan’s idea to construct roads with recycled plastic is patented and has been provided to the Government of India for free against lucrative offer from American Government.

“Plastics waste is shredded into small pieces (between 1.6mm – 2.5mm). The granite stone is heated to around 1700c. The shredded plastics waste is added to the stone. It gets melted and coated over the stone in just 30 seconds. Then the bitumen is added and mixed. The mix is used for road construction. From rural roads to National High ways all types of roads can be laid using this technique” explained Sri Vasudevan in his address. “Use of each tonne of Plastic Waste avoids the entry of 3 tonnes of Co2 in to the atmosphere, which otherwise results in global warming,” added, Vasudevan

“Sri.Vasudevan, helps, various state governments, municipalities, Corporations to use plastic is increasing exponentially due to rapid urbanization and changed lifestyle leads to widespread littering of plastic on the landscape”, said, Dr.S.M.V.Narayana, Principal, AITS. Dr.K.Prasanna, Head, IT & Coordinator of the program, Dr.Y.Sri Ramulu, Head, Civil, Staff and Students were present in the interaction program.

A Three-Day IBM Mega Hackathon on “Building Chatbots for Service Industry”



Mr. Abhishek, Executive Director, presenting certificates

A Three-Day IBM Mega Hackathon on “Building Chatbots for Service Industry” in collaboration with SmartBridge Educational Service Pvt Ltd. was held from 18th Dec, 2018 to 20th Dec, 2018. A whopping number of 536 registered students partook in one-day Boot Camp and two-day Hackathon.

Mr. Yukthesh, IBM India pvt. Ltd, said “this is the nation’s biggest ever Hackathon conducted with around 550 students, parallely coding to build chatbots.” He also explained the applications of IBM Watson Assistant, Chatboat conversation framework. Sri K Amarendra, Chief Technical officer, SmartBridge Educational Service Pvt. Ltd., Hyderabad, elucidated the evolution, significance and applications of ChatBoats in the current Technological World.

Mr. Abhishek, Executive Director of Annamacharya Group, said “It is an honor to host a megascale Hackathon and to have partnered with IBM and Smartbridge in an attempt to bridge the industry-academy gap.”

Students registered are grouped into batches, each with 5 members who worked on collaborative mode to unveil their ideas practically in 24 hours mission mode. The developed applications by student groups were verified by Jury from IBM Team on the last day and the selected applications of meritorious students were acknowledged with cash prizes and certification. “Creativity, teamwork and problem solving unleashed in a short period of time in this Hackathon,” said Prof. S. M. V. Narayana, Principal

An Awareness Programme on Robotics



Dr. Christoph Greb and Dr. Till Quad Fleg on the dais

AITS, Rajampet executed a Memorandum of Understanding (MOU) with German Centre for Engineering and Management Studies (GEMS) Aachen in Germany on 14th September. As part of this MoU, an awareness programme was conducted by German delegates the Managing Directors Dr. Christoph Greb, Dr. Till Quad Fleg and Sri Abhiram Varma the Country Manager, India on Robotic Manufacturing and Modeling. Sri Abhiram Varma spoke about the establishment of the European Centre for Mechatronics and Manufacturing and Advanced Robotic Control Laboratory in the institute. The laboratory trains the students to gain practical knowledge in industry level. Dr. Till Quad Fleg presented a few videos on Robotic programmes. Dr. Christoph Greb spoke about the future employment opportunities in robotic technology. Sri Abhishek, Executive Director, also spoke. Dr. S. M. V. Narayana, Principal; Sri M. Guna Sekhar Reddy, Project Leader, APSSDC; Prof. D. Krishna Mohan Raju, In-charge of Innovation and Incubation Centre were also present.

Soft Skill Training by APITA

A soft skills training program was organized by Department of Computer Science and Engineering in alliance with Andhra Pradesh Information Technology Academy (APITA) on 29th December 2018. Mr. K. R. J. Kennedy, Senior Soft skills Trainer, APITA, Vijayawada was the resource person of the program. Orientation to ace the interview was provided as part of the training. Leadership Skills, Technical Skills, Coordination, Team Building skills, Team Management Skills were dealt at length with practical examples. Dr. A. Rudra Kumar, Head, CSE; Mr. C. V. Laxmi Narayana, Assistant Professor, Dept. of CSE, Coordinator of the Training Program were present during the event.

A Guest Lecture on Advanced Manufacturing Systems



Dr. G. L. Samuel delivering expert lecture

A Guest Lecture on Advanced Manufacturing Systems was conducted for IV Mechanical Engineering students on 9th July, 2018. Dr. GL Samuel, IIT Madras, was invited as the Expert speaker. Dr. Samuel explained the proper functioning of Manufacturing system 4.0 manufacturing products without any assistance of Human hands and pictured how this technology is efficiently used in car manufacturing. He also made a point that tools have been used from Stone age till Modern age and that they continue to play a vital role in human development. Dr. SMV Narayana, Principal AITS; Mr. C. Yella Reddy, Vice-Chairman AET; Dr. A. Hemanth Kumar, Head, Dept. of ME, faculty and students were present on the occasion.

A Guest Lecture on English for Engineers



A Guest Talk titled "English for Engineers" was arranged to I B. Tech. students on 31st August 2018, by Touchstone, Center for English Language and Learning, one of the wings of the Department, Humanities and Sciences. Dr. Anindita Sahoo, Associate Professor, Department of English, IIT, Chennai, was invited as expert speaker. She explained evolution of English, its progression as lingua franca. The guest speaker also suggested ways of improving command over English by learning it on daily basis; vocabulary being the key aspect in conversations. Dr. B. Bala Nagendra Prasad, Head, Department of H&S and other English faculty members were present.

Rural Youth Empowerment Programme by Padmashree Mallesam



Padmasree Chinthajjala Mallesam interacting with students

Padma Shri Chintakindi Mallesham, popularly known across the country for designing "Lakshmi Asyantram", an inexpensive electrical weaving machine that reduces physical labour of weavers, visited the institute to conduct an awareness programme on Rural Youth empowerment on 28th July, 2018. Mr. Mallesham described the plight of his mother while weaving sarees, which inspired him to design this device. He urged the students to research in the field to invent new tools which will help small scale industries in India. Dr. SMV Narayana, Principal, appealed to students to take Mr. C. Mallesham as inspiration to reach high position in their lives. Later, Sri Mallesam visited the local weavers' colony and gave them valuable suggestions.

A Guest Lecture on History of Integrated Circuits

A Guest Lecture on History of Integrated Circuits was arranged by Dept of EEE for I & II B. Tech students on 16th August, 2018 in the campus. Dr. Deleep R. Nair, Associate Professor, IIT Madras was invited as guest speaker in the programme. Dr. Deleep delivered a key note address on the importance of Integrated Circuits to students and how changes in Circuits will make it effective in the practical world. He later interacted with students and staff member of the institute to clear their doubts regarding Integrated Circuits.

A Three-day workshop on Cyber Security

A Three-day workshop on "Cyber Security- Hands on Practice" was arranged by Department of CSE in alliance with Andhra Pradesh Information Technology Academy. Mr. A. Sai Santhan, EAF Labs, Vijayawada; Mr. C. Tirumala Rao, EAF Labs, Vijayawada were the resource persons of the workshop. Students were provided practical exposure on the use of applications in mobiles, programs in computers which seal the security and assure privacy in the light of ethical hacking. Dr. S. M. V. Narayana, Principal, AITS, appealed to students to be abreast of latest technologies such as ethical hacking for personal data protection and professional benefits on the job front. Dr. M. Rudra Kumar, Head, Dept. of CSE, felt that students have to equip themselves with the knowledge of cyber security tools for getting placed in companies. Mr. Raj Gopal, DDM, APITA; Mr. C. V. Laxminarayana, coordinator of the workshop, were present during the event.

A Guest Lecture on the Performance of structural constituent system



Dr. T. Appa Rao, IIT Madras, being felicitated by the Principal

A Guest Lecture on the Performance of structural constituent system under general loading was hosted by the Department of Civil Engineering on 28th September, 2018. Dr. T. Appa Rao, Professor and Head, Dept of CE, IIT Madras acted as a resource person. He delivered a presentation on the usage of prestressed concrete blocks in the construction of bridges and roads. He also deliberated at length on the techniques to prepare for competitive exams like GATE, NET and Public sector. Dr. SMV Narayana, Principal; Dr. Y. Sreeramulu, Head, Dept. of CE; and Mr. M.C. Venkata Subbaiah, Coordinator took part along with other teaching staff of the department.

A Workshop on MATLAB



Mr. P. Vikram Kumar, trainer, during the event

A Two-day workshop on Introduction to MATLAB was conducted on 25th September, 2018 II ECE students. Mr. Vikram Kumar, MATLAB trainer, spoke about the importance of electronics and the way it was reading new heights towards the advancement of technology. The students were taught to write a programme code using a software in this workshop. Dr. Ch. Nagaraju, Head, Dept. of ECE, said that participation in such workshops would keep students abreast of new technologies.

A Guest Lecture on Differential Equations



Prof. K. C. Siva Kumar, IIT Madras, delivering his lecture

A Guest Lecture on Differential equations and matrices was organized by the Department of Humanities and Science department on 1st October, 2018. Prof. K. C. Siva Kumar, Professor in Mathematics, IIT Madras delivered the lecture for I. B. Tech students. He spoke at length and said that mathematics was the root for all scientific knowledge and explained thoroughly how differential equations and matrices played an instrumental role in various disciplines of engineering. He also described how matrices played a significant role in electronic circuits and differential equations in fluid mechanics.

A Guest Lecture on Recent advances in Power Electronics



Dr. G. Jagadanand, NIT Calicut, delivering expert lecture

Department of EEE conducted a Guest Lecture on Recent advances in power electronics for electrical drives on 4th October 2018. Dr. G. Jagadanand, Associate Professor, Department of Electrical Engineering, NIT, Calicut was invited as the guest speaker. He touched upon the areas like the importance of power electronics and the uses of various electronic devices. He interacted with the students and clarified their queries related to power electronics. Dr. M. Padmalalitha, Head, EEE, said guest lecturers of this kind are very useful and that department is planning to invite more experts in various fields to update the knowledge of students. Dr. S. M. V. Narayana, Principal, asked the students to gain knowledge from the experts and upgrade their skills.

Rastriya Ekta Diwas observed

Commemorating 143rd birth anniversary of Sri Sardar Vallabhbhai Patel, 31st October 2018 is celebrated as Rastriya Ekta Diwas (National Unity Day). On this occasion students were taken a pledge on "Unity, Integrity and Security of the country". Principal Dr. S. M. V. Narayana narrated the vision and values of Sri Sradhar Vallabhbhai Patel. Dr. L. Obulapathi, NSS Unit officer, organized this event successfully.

A Guest Lecture on Stock Exchange



Dr. Swamy Vashishti, Camed Business School, interacting with students

Dr. Swamy Vashishti, Professor in accounting, Camed Business School, Combodia delivered a guest lecture on Stock Market on 6 October 2018. Dr. Swamy threw light on Stock marketing, rise and fall of stock market, opening demat account and SSE shares. Dr. P. Subramanyam, Head, Dept. of MBA advised the students to make effective use of such lectures to hone their skills. Dr. S. M. V. Narayana, Principal, suggested the students to tap the maximum information from the guest lecturers to excel well in this cut-throat competitive world.

An awareness programme on Raptor

An awareness programme on Raptor is conducted by APSSDC for I year Computer Science & Engineering students. Ms. R. Devi Lalitha and Ms. K. Narmada Mani, An awareness programme on Raptor is conducted by APSSDC for I year Computer Science & Engineering students. Ms. R. Devi Lalitha and Ms. K. Narmada Mani, Software Engineer, Vijayawada, were invited as guest speakers of the programme. The speakers explained the uses and applications of RAPTOR (Rapid Algorithmic Proto Typing Tool for Ordered Reasoning) in preparing consumers' executable flowcharts. They also touched upon the execution of RAPTOR, which is a flowchart-based programming environment, designed specifically to help students to visualize their algorithms. The programmes designed by RAPTOR generate codes for C, C++, and JAVA. RAPTOR is used in 28 countries all over the world, and it is distributed among educational institutes in free of cost. Dr. M. Rudra Kumar, Head, CSE; and Dr. K. Prasanna, Head, IT shared their valuable ideas on RAPTOR. APSSDC coordinators Mr T. Hari Krishna, and J. Maruthi Nagendra Prasad supervised the event.

A Personality Development Programme by Sri Akella



Sri Akella Raghavendra interacting with students

Sri Akella Raghavendra, IAS Trainer and Motivational speaker, was invited to conduct a Personality Development Programme for I B.Tech students on 31st July & 1st Aug, 2018. Sri Akella addressed the students saying “every student should set goals in his life and work hard to achieve it with his dedication and discipline”. He stressed the importance of hard work in career and one must work hard for a better society and career to make India a fruitful country in the world. Sri Akella told students that every human being is a small atom in the world and education makes one most powerful, so direct your education for the good of society. Dr. S.M.V. Narayana, Principal AITS, said that “the books written by Akella Raghavendra inspire students to achieve success in their life, so students should not only study for self but their education must bring change in the society”. Dr. B. Bala Nagendra Prasad, Head, Dept. of H&S and other English faculty members helped in the conduct of the event.

A Two-day awareness Program on Cyber Security and Ethical Hacking



Mr. Sai Sathish Reddy, Indian Servers, delivering lecture

A Two-day awareness Program on Cyber Security and Ethical Hacking, was organized by Industry Institute Interaction cell on 7th September 2018. Mr. Sai Sathish Reddy, Indian Servers, was the resource person of the event. He explained concepts related to the field of Cyber Security and Ethical Hacking, Use of Mobile applications, Computer applications and Websites. “Ethical hacking is a Cyber Security technology that shields the data in processors, networks, computers from being hacked illegally,” said Mr. Sai. He, later, informed the students about various certification courses in ethical hacking and their significance. Ethical Hacking emerged as one of the necessities in a lot of sectors like banking, governance, medical, security to safe guard key data from hackers, hence, follow suggestions given by resource person and elicit maximum benefit out of the program, said Dr. SMV Narayana, Principal. Dr. A. Hemath Kumar, In-charge of Industry Institute Interaction cell, Dr. Abdul Azim, Mr. B. Naveen Kumar helped in the conduct of the awareness programme.

A three-day Entrepreneurship Awareness Camp

A three day “Entrepreneurship Awareness Camp”, was organized by Department of Mechanical Engineering of the Institute on 5th September 2018. Mr. G. Gopal, Regional & Executive Director, AP Tourism Development Corporation, was invited as the resource person. He explained in detail about the procedure to seek necessary permissions from the Government to start a company, Methods of availing discounts at the time of starting a business venture, manufacturing of machinery, ways to patenting new ideas. Dr. SMV Narayana, Principal, AITS; Dr A. Hemath Kumar, Head, Mechanical Engineering; Dr. N. Venkata Chalapathi, Senior Professor, Dept of Mechanical Engineering; were present during the program.



Mr. Gopal, APTDC, being felicitated

National Seminar on Multi-objective optimization in Mechanical Engineering

A Guest Lecture on Career in VLSI Design

A Guest Lecture on Shaping of career in VLSI Design was arranged by the Department of ECE for III ECE students on 23rd July, 2018. Mr. K. Avinash, Senior Director, Mirafra Technologies Hyderabad was invited as guest speaker for the event. Mr. K. Avinash explained Physical design and variations in VLSI Chips to students in the event. He also talked about various opportunities waiting for fresh graduates in industry. Dr. Ch. Nagaraju, Head, ECE; Dr. B. Abdul Raheem, Senior Professor, ECE; N. Baladastagiri, Programme Coordinator were also present.



Mr. M. Venkaiah, Associate Professor, delivering his address

Department of Mechanical Engineering and Institution of Engineers (India) jointly organized a Three-day National Conference on Multi-objective optimization in Mechanical Engineering 27th September, 2018. This event witnessed participants from Maharashtra, Tamilnadu and various other parts of the country. Mr. M. Venkaiah, Associate Professor, Tirupathi, Mr. C. Rama Chandra Murthy, Honorary Secretary, IE(I) and Prof. K. L. Narasimhulu, Sri Vidyanikethan engineering college acted as resource persons on the first day. Mr. Venkaiah explained that using optimization one could get more profits spending less investments. To substantiate this, optimization technique was widely used in aircrafts to reduce the weight of the aircraft. He also dwelt upon the types of optimization and their uses. The practical methods of optimization were taught on the second day. On the third day students were made to learn about the concepts related to internal combustion engines optimization. Dr. S.M.V. Narayana, Principal encouraged the students to take part in such events. Dr. A. Hemanth Kumar, Head, Mechanical department supervised the conduct of the National Conference.

Lab View Workshop

A three-day Workshop on Lab View was organized from 27th December 2018 to 29th December 2018 by Department of Electrical and Electronics Engineering. Er. Salman Rashid and Er. Vijay Kumar, Technical Lead Technologies Pvt. Ltd, Bengalore, were invited as the resource persons of the workshop. Introduction to Lab View, G-Programming, design of string chart, on and off control were explicated during the workshop. Knowledge of String Charts, enable men on field to institute electrical poles at reasonable distance.

Computer Training offered to school students

Government of Andhra Pradesh has launched Andhra Pradesh e-Knowledge Exchange portal APEKX, a comprehensive online platform for teachers and students to strengthen quality and delivery of learning outcomes in the state. In connection with above, Students of EEE in AITS offered training to 9th class and 10th class students of SJSM ZP High School, New Boyanapalli on basic computer operations and use of MS-Office. Mr. N. Srinivasulu, Head Master, SJSM Z. P. High School, thanked management of AITS for their noble gesture in training the young lads. Dr. M. Padmalalitha, Head, EEE appreciated the students who showed interest in imparting training.

PCB Design Workshop

A two-day workshop on PCB Design was held on the campus to II B.Tech Students, on 21st & 22nd Dec, 2018. The event was organized by Department of Electrical and Electronics Engineering. Er. Salman Rahid, Technical Lead, Technologies Pvt. Ltd, Bengalore; Er. Aman Kumar, Associate Technical Lead, Technologies Pvt. Ltd, Bengalore; Er. Shahbaz, Application Engineer, Technologies Pvt. Ltd, Bengalore, acted as Resource Persons of the Workshop. As part of the workshop, Rectifier, Turn on and Turn off Air Conditioner using Eagle Software, L.E.D, Chaser Circuits, Dual Flasher, Rain Alarm, Piano, A. C. Current detector and Locker Security Alarm were explained practically to students. Dr. Padmalalitha, Head, EEE thanked management for allowing the department to host such useful workshops and urged students to make best use of the technical exposure. Mr. M. Pala Prasad Reddy, Assistant Professor, Dept.of EEE, acted as convener of the workshop. Mr. N. Sri Ramula Reddy; Mr.P.Ravindra Prasad, Asst.Prof, Dept. of. EEE, acted as Coordinators of the workshop.



Students recruited by TCS

Recruitment by WIPRO, Infonian, D-Mart, ILM, L.Cube



Recruitment Drive by GGK Tech

GGK Tech, Pvt. Ltd, Hyderabad, conducted an On-campus recruitment drive Final B. Tech. students on 18th Aug, 2018. Nearly, Seventy Students passed in the online skill test and 10 students were selected in the final round. Mr. K. Srinivasa Rao, Training and Placement Officer, AITS, informed that in a similar endeavor four students from AITS were filtered in TCS Codevita online exam out of 43000 students who took the test across India.

Recruitment Drive by Just Dial

Just Dial conducted campus selections on 11 October 2018 in which final year B. Tech., MBA and MCA students took part. Just a minute round, group discussion and human resource rounds were conducted to select the suitable candidates. Out of 311 students 32 students were selected, said Mr. Ankith and Mr. Rama Krishna, officials from Just Dial.

Recruitment Drive by SL Corporation

SL corporation, Chennai, held campus interviews on AITS Rajampet campus on 12 October, 2018. The company makes spare parts for Kia Motors and Hyundai Motors informed Mr. Mahendranath, Manager, and Mr. Lakshmikanth Reddy in the preplacement talk. 25 students secured jobs in this recruitment said Mr. K. Srinivasa Rao, Placement Officer.


Recruitment Drive by Amar Raja Pvt.Ltd.

Amar Raja Pvt. Ltd. conducted a recruitment drive on 1st December 2018 for final year EEE, ME, and ECE students. As part of first round, group discussion has been conducted. 28 students were selected for technical interview. Company HR Managers Renu Kumar, Rekha, Vijay Bhaskar and Gowthami announced the list of four selected students.

Recruitment Drive by Aptroid

Aptroid, Hyderabad conducted a campus interview for final year CSE, ECE, and IT students on 24th October 2018. As part of the first and second rounds of the recruitment process online test and coding tests were conducted. Mr Praveen Kumar, the official of Aptroid, announced that 34 students were selected for the third round.

Indian Patent awarded



Dr. D. Krishna Mohan Raju, Professor in Mechanical Engineering researched economic ways of manufacturing automobile multi cylinder engine, with increased mileage at affordable price and succeeded in inventing a double crank opposite cylinder engine with flywheel driven at high speed. This innovative technology by him was acknowledged by Intellectual Property, Government of India and was patented on 27th August 2018 with patent no. 300303. The new engine's (150 kw) manufacturing price is brought down by 50% and offers 25% better mileage, said, Dr. Krishna Mohan Raju.

A Guest Lecture on Multi-rate Signal Processing

A Guest Lecture on Multi-rate Signal Processing was arranged for II B. Tech ECE students by Department of ECE on 17th December, 2018. Dr. Shaik Rafi Ahammad, Professor IIT Guwahati, was invited as guest speaker of the event. Dr. Rafi expressed his happiness of the availability of Electronic goods around us and everyday a new electronic gadget is coming into the market. He said that Multi-rate signal processing is used in the recent 4G and 5G technology mobiles and has become an important technology which is need of the hour. Dr. Rafi answered the questions of students and staff in the event. Dr. Ch. Nagaraju, Head, ECE expressed his happiness over conducting guest lecturers for ECE students in the institute. Mr. K. Naganarasaiah, coordinated during the event.

Annual Alumni Meet



Annual Alumni Meet was hosted by Alumni Association of AITS on 9th December, 2018 on the campus. Dr. S. M. V. Narayana, Principal, graced the occasion as the chief guest. He congratulated alumni for their achievement in life and said "college alumni play an important role in development of the institute". Mr. Bharat, Software Engineer USA, expressed his happiness being with their friends after many years in the event. Mr. Sridhar, software Engineer, Bangalore thanked the management for their support during college days. Mr. K. Prasad, Coordinator Alumni AITS, thanked the management members for extending their support for conducting Alumni events in a grand. The first Batch of AITS students formally launched www.sanqalp.org website for supporting the poor and down trodden people of the society in the event.

Doctorate awarded



Mr. B. Srinivasulu, Assistant Professor in Physics, Dept. of H&S, was awarded Doctorate by Sri Venkateswara University, Tirupati for his research on "Synthesis And Properties of co-doped (Fe, Co, CU, Mn with 3mo% of Ni) Zns Nano-crystalline materials" under the supervision of Dr. S. Venkata Ramana Reddy, Professor in Physics, SVU Tirupati.

Doctorate awarded



Mr. Kasigari Prasad, Assistant Professor, Department of ECE was awarded Doctorate by Sri Satya Sai University, Bhopal, for his research on "Modeling and simulation to attain optimized attributes for blade antennas in airborne application" under the supervision of Dr. R.P. Singh, Vice-Chancellor SSSU, Bhopal and Prof. S. Srikanth, SSSU, Bhopal.

Workshop on Auto-Cad Fusion 360 by APSSDC



Participants of the workshop

A three-day workshop titled “Auto-Cad Fusion 360” was conducted by “Andhra Pradesh State Skill Development centre” for IV Mechanical engineering students from 12th to 14th July, 2018. Mr. M. Vedanath and G. Sumohana, Trainers and Developers from APSSDC, acted as resource persons for the workshop. On the first day of the workshop, Mr. M. Vedanath educated students on the use of “Sketcher” in Auto-Cad and its effectiveness creating designs. On the second day, the importance of “Part Modeling” in the industry was dealt with. The trainers subsequently explained how different motor vehicle parts are assembled in the auto mobile industry to students. Dr. S.M.V. Narayana, Principal AITS, opined that these workshops were helpful understanding the needs of industry and students develop skills according to it. Dr. K. Prasanna, in-charge APSSDC, and Dr. A. Hemanth Kumar, Head, ME, faculty and students were present on the event.

Importance of Breast Feeding by NSS Unit

An awareness programme on the Importance of Breast Feeding was organized to educate young mothers in surrounding of Tallapaka from 1st to 7th August, 2018. Mrs. G. Lakshmi Devi, Supervisor ICDS, and Dr. B. Gopal were invited as guests in the event. Dr. B. Gopal said “mother’s milk is a boon to young infants which makes them healthy and boosts immunity power to fight infections in future. NSS volunteers visited the Anganwadi in Boyanapalli and distributed pamphlets stressing the need of Breast feeding in infants. Dr. L. Obulapati, Coordinator , NSS.; Dr. M. Padma Lalitha, Head, EEE and female staff members were present.

Two and Four Wheeler CSI Training



Participants of the Workshop

A Computer-based Two wheeler and Four wheeler CSI training was conducted for the benefit of DLTC and Minority Government ITI College students by APSSDC for two weeks starting on 8th July 2018, at the APSSDC Skill Development Centre on the campus. Mr. Ghouse Basha, Mr. Mohan, Mr. Rafi and Mr. Siva Prasad from APSSDC acted as resource persons for the training programme and demonstrated several concepts such as two wheeler servicing, Spark plug functioning, changing engine oil in two wheeler, Threading and Step turning. Dr. SMV Narayana, Principal AITS presented certificates to the students. Dr. K. Prasanna, Head, IT & Coordinator of APSSDC, faculty and students were present on the occasion.

APSSDC Training on AWS



An APSSDC Training Program on Amazon Web Services was held on the campus on 19th September 2018. Mr. K. Rambabu, Associate Trainer, APSSDC; Mrs. B. Rojasri, Trainer, APSSDC, imparted training to the registered students. Application of Amazon Services for data processing using online tools was chiefly explained during the program. Students were provided hands on experience about the tools of cloud computing, load balancing and maintenance of cloud server. AWS, S3 were the companies that offer technical support in the operations of Cloud training, said, Mr K. Rambabu & Mrs. Rojasri, APSSDC, AP. Students who underwent training appeared for an online test to be eligible for certification.

Launch of Venture Initiation Centre

Andhra Pradesh State Skill Development Corporation (APSSDC) in association with North Eastern University launched the Centre for Initiation on AITS campus. Sri Udayan Bakshi, Programme Manager i2E, APSSDC conducted an interactive session with the Deans, Heads of the Departments, faculty members and students on activities of the Centre of Initiation. Sri Udayan gave various techniques and tips in creating self-employment and told about the competition on i2E Smart India-2018. 20 free Entrepreneurship camps will be arranged to conduct training classes. Dr. K. Prasanna, APSSDC; T. Hari Krishna, N. Bala Dastagiri, supervised the conduct of the event.

Workshop on Entrepreneurship



N. Rajendra Reddy, being felicitated by management and Principal

Workshop on IPR and Startups



Prof. Bijay Kumar Sahu interacting with students

A workshop on Innovation, Startups, and Intellectual Property Rights was conducted for III B. Tech. students on 3rd December 2018. Prof. Bijay Kumar Sahu, Managing Director of National Research Development Corporation, Visakhapatnam, was invited as the guest speaker. He elaborated upon the selection of research topic, Intellectual Property Rights, and Patents. He also addressed the faculty members on various research issues, Patents, Copy Rights, and Trademarking etc. Dr. S. M. V. Narayana, Principal, applauded Dr. B. K. Sahu's expertise advice on this occasion. Dr. Krishna Mohan Raju, In-charge of Innovation and Incubation Centre, Deans, HoDs, faculty members, and students attended the workshop.

A three-day Workshop on "Entrepreneurship" was organized from 13th to 15th December, 2018 by Department of Mechanical Engineering in the campus. On the first day of the programme Mr. N. Rajendar Reddy, Senior Branch Manager APSFC, Kadapa, was invited as chief guest of the event. Mr. N. Rajendar Reddy guided students becoming successful entrepreneurs by utilizing the bright opportunities in the field. He said "young entrepreneurs are encouraged by banks by offering discounts on loans" on this occasion. On the second day Dr. G. Shiva Kumar, CEO M/S Intelligence Quality, Chennai, acted as the resource person. Dr. Shiva Kumar elucidated students on setting their own companies on the basis of Industry needs using examples from the field. Students from various colleges visited labs developed under APSSDC, Skill India Industry in the event. On the final day of the Workshop, Mr. Praveen Krishnam, Senior Entrepreneur, CE Tech Mahindra, Chennai, was invited as guest speaker. Mr. Praveen explained Industrial Methods and how to set small scale industries to students in the programme and wished students to update their knowledge to use opportunities in the field.

NSS volunteers took up crowbars, knives, sickles and other tools and cleaned the surrounding areas of theme park as part of Swachh Bharath activity and to mark NSS formation day on 24th September, 2018. Dr. S.M.V. Narayana gave a clarion call to all students to take part in such events and work for the progress of the nation. Mr. C. Yella reddy, Vice-chairman, said that the students should inculcate social consciousness and do yeomen's service for the welfare of the society. Dr. Obulapathi, NSS Coordinator, supervised the event.



A Two-day Workshop on Embedded Systems using Micro Controllers



A view of the workshop being conducted

A Two-day Workshop on Embedded Systems using Micro Controllers was hosted at Department of ECE for IV B.Tech Students on 14th September 2018. Sri Narayana Raju, Member, AMD India Pvt. Ltd, Bengaluru, was invited as expert speaker. Sri Narayanaraju said that dynamic changes have taken place in the field of Electronics; a pool of new trends swept in, which in turn multiplied the employability opportunities. He evoked the student participants that they should be ready and upgrade their skill quotient to grapple on the opportunities. During the workshop, students learnt the ways of interfacing ARM-7 Processor, about its spare parts and memory. The uses of processors in LED sensor, LED Display were explained by the other trainers from AMD India Pvt. Ltd, Bengaluru. Dr. B. Abdul Rahim, Senior Professor, Department of ECE; Dr. Ch. Nagaraju, Head, ECE; felicitated the resource persons.

Survey conducted by NSS Unit

Marking 50 year celebrations of N.S.S , AITS students took up several social welfare programmes on 27 September , 2018 . As part of this students went to yerraballi village and conducted socio-economic survey in the village. They also planted a few saplings in the village before the conduct of the survey. The students later distributed house survey forms to the villagers and filled them in by extracting their details. Dr. Obulapathi , NSS Incharge and Mr. Bhaskar , NSS incharge , EEE department took part in the event. Dr. Obulapathi said that AITS had adopted yerraballi village and been taking concrete measures to the development of the village.

An Awareness Programme on Robotic Technology

An Awareness Programme on Robotic Technology for Society and Future was organized by Department of Mechanical Engineering, on 18th August 2018, on the campus to UG and PG Students. Dr. Satish Kumar, Associate Professor, A. S. N. College of Engineering, Chennai, was invited as Chief Guest. He said, "Mechanical Engineering graduate should learn not only core subjects, and skills but also cognitive skills in other disciplines such as Electrical Engineering, Electronics Engineering, Computer Science Engineering". He stressed the importance of improving one's technological skill repository to be in the race in the competitive word. Dr. A. Hemath Kumar, Head, Mechanical Engineering, along with other teaching staff was present.

A Guest Lecture on "Second Law of Thermo-dynamics"



Dr. B. Viswanath Reddy, Professor, University of Ontario Institute of Technology, receiving memento

A Guest Lecture on "Second Law of Thermo-dynamics" was organized for III Mechanical Engineering students on 16th July, 2018 by Department of Mechanical Engineering. Dr. B. Viswanath Reddy, Professor, University of Ontario Institute of Technology, Oshawa, acted as a resource person for the programme. Dr. B. Viswanath Reddy elucidated the importance of "Second law of Thermo-dynamics" in Heat Engines in auto mobile industry. He threw light on the active ways how Thermo-dynamics used in research and new finding in the modern industrial sector.

MoU with Ferventz Semiconductor Pvt Ltd



Principal and Faculty of ECE with MoU

Dept of ECE inked an agreement with Ferventz Semiconductor Pvt Ltd, Hyderabad on 5th October. The CEO and Managing Director of Ferventz Sri Raja Rantham garu, Principal Sri SMV Narayana, and HoD of ECE Dept. Dr Ch. Nagaraju signed on the agreement documents. As Sri Raja Rantham said that the agreement will be valid for three years and the students will get employment opportunity and the faculty members can get awareness on various technologies. The Board member of Ferventz Semiconductor Pvt Ltd. Sri Y. Avinash, Dean of Professional Bodies Dr.B.Abdul Raheem, the in-charge of Institute Industry Interaction Dr. A. Hemanth Kumar, attended the programme.

Students selected for JNTU Volley Ball Team



C. Prathyusha Chowdary, IV CSE; S. Pooja Pravallika, III CE; and M. Madhuvaran, IV Mech. Engg were reckoned for University Volleyball team in JNTUA volley ball team selections held at Narayana Engineering College on 4th October 2018. Selected male team members will play in South zone inter university competition to be held in SRM University, Chennai and female team in KL University, Guntur said Mr. Nagamuni, Physical Director.

Donation to Flood Victims

Sri Choppa Gangi Reddy, Founder and Secretary, Annamacharya Educational Trust handed a cheque of Rs. 2,00,000 to Sri Koteswara Rao, Joint Collector, Kadapa, to help the flood victims and refugees of Kerala Floods. The sum will be transferred to CM Relief fund, Kerala, said, Sri Koteswara Rao, Joint-Collector and appreciated the humaneness and nobility of AET Management in offering their helping hand to the needy.

University Judo Team selections



JNTUA University Judo team selections were held at Siddartha Engineering College, Tirupati on 24th October. B. V. S. Pranathi, K. Ankitha, M. Haritha (III CSE) and P. Niharika (III EEE). Sri C. Yella Reddy, Vice-chairman; and Dr. S. M. V. Narayana, Principal congratulated the students. The selected girl students will participate in All India University Zudo Competition at Gowhathi University, Assam, said, Mr. B. Nagamuni, Physical Director.

Student selected for JNTU Handball Team



JNTUA Hand ball team selections were held at JNTUA Pulivendula Engineering College on 8th November 2018. C. Prathyusha (III CSE) selected for the team. The selected girl student will participate in South Zone Inter University Hand Ball Competitions at Madhurai Kama Raj University, Tamilnadu, informed Mr. B. Nagamuni, Physical Director

National Sports Day Celebrated



Essay Writing on account of Malala Day



Teachers Day Celebrated



Engineers Day Celebrations



World Students Day celebrations



Essay Writing on account of Gandhi Jayanti



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