

SYNCOM

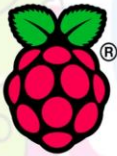
NEWS LETTER OF E.C.E

Voice of Electronics and Communication Engineering

January 2020, Volume.05 Issue.01



ARDUINO



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KITS KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES



VISION, MISSION & PEO'S

Vision

Developing highly Qualitative, Technically Competent and Socially Responsible Engineers.



Mission

To provide quality education in the domain of Electronics and Communication Engineering through

- Enriched curriculum for addressing the needs of Industry.
- Effective teaching learning processes through congenial environment.
- Gaining contemporary knowledge through research, development, curricular, co and extra-curricular.



ECE Program Educational Objectives

Graduates of Electronics & Communication Engineering Shall

PEO1: Develop a strong background in basic science and mathematics and ability to use these tools in their chosen fields of specialization.

PEO2: Have the ability to demonstrate technical competence in the fields of electronics and communication engineering and develop solutions to the problems.

PEO3: Attain professional competence through life-long learning such as advanced degrees, professional registration, and other professional activities.

PEO4: Function effectively in a multi-disciplinary environment and individually, within a global, societal, and environmental context.

PEO5: Take individual responsibility and to work as a part of a team towards the fulfillment of both individual and organizational goals.

The institute is a symbol of egalitarian outlook without discretions. KITS student activity council is organized exclusively by students with representatives from various disciplines stands for the advocacy of democracy and leadership opportunities provided by the institute.. **KITS imparts Outcome Based Education (OBE)** which gives equal opportunities to teaching and learning curricular, co-curricular and extra-curricular activities



STUDENT ACHIEVEMENT



Mr. BinduSagarAluri (18JR1A0427) is accepted into fellowship program for the year 2019-20 at SR Innovation Exchange, Warangal. **His fellow ship Id is :SRiXIF024.**

About 2000 pupil applied for the fellowship out of them only 40 students are selected from 22 Colleges and Universities. Our BinduSagarAluri is one of the 40 selected students. Congratulation to him from Team SYNCOM.



BADINENI GOWTHAMI SAI PRIYANKA(16JR1A0401) Published a paper Your Paper entitled "MATLAB BASED OCR TOOLBOX DESIGNING FOR DECODING OF VEHICLE NUMBER PLATE" has been published online in IJRESM in Volume-3, Issue-1, January-2020.



CHINTALA LAKSHMI TEJASWI(16JR1A0410) Published a paper Your Paper entitled "MATLAB BASED OCR TOOLBOX DESIGNING FOR DECODING OF VEHICLE NUMBER PLATE" has been published online in IJRESM in Volume-3, Issue-1, January-2020.



DUMPALA LAKSHMI PRASANNA(16JR1A0414) Published a paper Your Paper entitled "MATLAB BASED OCR TOOLBOX DESIGNING FOR DECODING OF VEHICLE NUMBER PLATE" has been published online in IJRESM in Volume-3, Issue-1, January-2020.








ROMPICHARLA NAIMISHA(17JR5A0404) Published a paper Your Paper entitled "MATLAB BASED OCR TOOLBOX DESIGNING FOR DECODING OF VEHICLE NUMBER PLATE" has been published online in IJRESM in Volume-3, Issue-1, January-2020.



We came to know that you were the toppers in your Second year First Semester exams. Wishing you all the best for the future. Hard work always pays you off! We all knew you worked so hard for






your academics the whole year. And so the results are here. You have managed to get highest score. Wow! A very congratulations to you from Team **SYNCOM** side..

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1	18JR1A04C6	SHAIK AYESHA	9.45	
2	18JR1A04C2	RACHAMADUGU VENKATA NAGA SAI LIKHITA	9.32	
3	18JR1A0469	KORLAKUNTA LAKSHMI LAVANYA	9.32	
4	18JR1A04D8	VAJDAH SAI LALITHA SRIHARSHINI	9.18	
5	18JR1A04D9	VAJRALA SIRISHA	8.91	

III-I RESULTS

Congratulations to toppers of IV years for magnificent performance in III-I exam. Let this be considered as a source of inspiration to the entire students of the department and an impetus to

excellence. Big thumbs to all the faculty members who geared up the students for such a great triumph. Passed exam is a happy event. We witnessed how hard you studied. In our message we send you a key to success: study while others sleep, work while others loaf, prepare while others are play and dream while others just wish. It is clear that future holds great opportunities for you.

SN O	REGDNO	NAME	%	PHOTO
1	17JR1A0495	PASUPULETI VALLI NAGA LAKSHMI	8.86	
2	17JR1A0477	LINGISETTY LOURDU SASI REKHA	8.86	
3	18JR5A0401	AMBATI NAGASOWMYA	8.71	
4	17JR1A04D2	SAGAMREDDY VIDYA	8.71	
5	17JR1A04D8	SIDDABATTUNI LEELA VENKATA BHAVANI	8.71	

PLACEMENTS:

We are proudly announcing that 21 of our students got placed in Glenwood Systems.

Your ability has taken you to the new height of success, this great job is all because of your dedication and hard work and yes confidence too, many congrats to you, stay blessed!
Sending you a ton of best wishes on a great achievement of yours. May you do awesome and be succeeding to complete the target in your new job

S.No	Roll.No.	Name of the Student
1	16JR1A0401	BADINENI GOWTHAMI SAI PRIYANKA
2	16JR1A0402	BALUSUPATI BHANU PRANAVI
3	16JR1A0409	CHIKKAM SUPRAJA
4	16JR1A0416	GAJULA JAHNAVI
5	16JR1A0422	GONUGUNTLA BABY SREE NAGA LAKSHMI
6	16JR1A0452	GUNTURU DEVA RAM SAI CHARAN
7	16JR1A0480	MODUKURI UMABHAVANI
8	16JR1A0482	NANDURI KAVYA
9	16JR1A0485	PALURU THANMAI LAKSHMI
10	16JR1A0498	MANDALAPU VENKATA SAI SURYATEJA
11	16JR1A04A8	NAGARAJU SRAVAN KUMAR
12	16JR1A04B0	NELLURI BHANU PRAKASH
13	16JR1A04B8	PATHAN FARAHA SULTANA
14	16JR1A04C2	PITTALA SAHITHI
15	16JR1A04C4	PRATHIPATI SRI LALITHA
16	16JR1A04C7	SHAIK RESHMA SULTANA
17	16JR1A04C9	SHAIK VARSHIYA ANJUM
18	16JR1A04D1	TEKI PRAVEENA
19	16JR1A04D2	TENALI MEGHANA
20	16JR1A04D4	TUMATI SOWJANYA
21	16JR1A04D8	VELIVELLI TEJASWI

EXPERT TALK ON CARRIER GUIDANCE:

KITS college conducted an Expert talk on “Carrier Guidance” on 30/01/2020. **Sri V.Jaya Prasad, Co-Founder and CEO of FORSYS INC** was the speaker for this expert talk.



To make the session interactive one, Speaker first asked the students about their career preferences. Speaker wanted to know about the career related scenario with the students, after listening to the students' views, they gave important information related to personality development and personal interview to the students by telling them about the preparations related to the students.



things.

At the same time, told the students about the efforts of the KITS about the students' careers. Students said that the information given in the talk has definitely encouraged them and they will try to give a new look to their career while paying attention to these

Before selecting a career, do you have answers to these career queries?

- What is the career about?
- What will be my day-to-day job role?
- Do I have it in me to get into this career?
- What do I need to study and which courses should I select?
- Are there any entrance exams for taking the course?
- Will I get a good salary package after my course?
- Where can I look for jobs after my studies?
- Does this career have good scope in future?

The session is Very useful and informative. **Sri V.Jaya Prasad** explained very clear about basics.

CAREERS IN MANAGEMENT SECTOR:

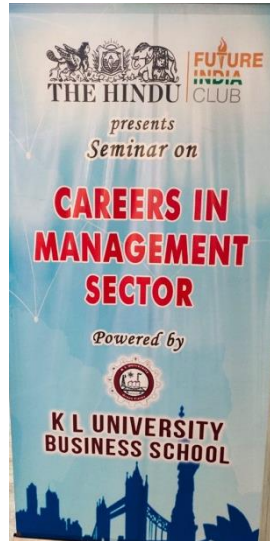
KITS college conducted a Seminar on “Careers in management sector” on 27/01/2020. Experts from **KL UNIVERSITY BUSINESS SCHOLL** are the speaker for this Seminar. IV year students of Electronic Communication Engineering students are attended for this seminar.

They explained about

- Use of MBA
- Streams of MBA
- careers with MBA
- Opportunities in abroad

Why pursue an MBA

- To launch a progressive career
- To make a shift in career, if you already are an experienced professional
- To nurture an innovative outlook
- To network with the best in the market
- To add a brand value to yourself
- To enhance personal growth
- To start a business/ start-up/ turn entrepreneur
- To move to another location

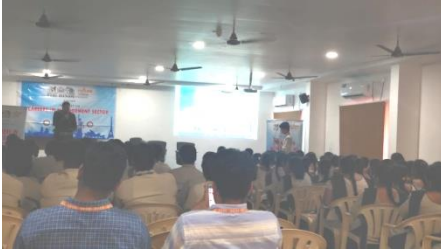


Top jobs after an MBA

Once you know why you want an MBA degree, you should be prepared with a knowledge base of jobs that require this degree. Based on that, you may nurture your career interest. Client relations, consulting, business planning, resource or system analysis may be a part of your job profile, but let's take a more specific view of the job opportunities after an MBA:

- Banking & Finance
- Information System Management
- Investment Banking profiles
- Management Consulting
- Private Equity
- Data analytics
- Entrepreneurship

MBA Specializations Courses and Subjects:



Most of the MBA programs offer different Specialization areas (generally in 2nd Year) that candidates can take to increase their knowledge, skills and job prospects in the area of their choice. There are more than 50 different MBA specialization offered (based on Functions or Industry Sectors/Domains), but MBA Marketing and MBA Finance are the most popular MBA Specialization in India. MBA Human Resource (HR) and MBA International Business are also popular specializations. MBA in Business Analytics is a new but increasingly popular specialization. MBA subjects in the first year of the MBA courses are more or less same. In the second year the MBA course subjects become different depending upon the specialization opted by the students. Some of the top MBA colleges offer choice of MBA specialization in the first year itself and the MBA subjects in such cases are as per the specialization offered.

List of MBA Courses and Specializations in India

- MBA in Marketing
- MBA in Finance
- MBA in Human Resources (HR)
- MBA in International Business
- MBA in Operations & Supply Chain
- MBA in Business Analytics
- MBA in Rural Management & Agri Business
- MBA in Family Business & Entrepreneurship
- MBA in Information Systems
- MBA in Production and Quantitative Methods



NATS

ఉత్తర అమెరికా తెలుగు సంఘం

EXPERT TALK ON CARRIER GUIDANCE:

KITS college conducted another Expert talk on “Carrier Guidance” on 31/01/2020. **Sri Mannava Mohanm Krishna** and **Sri. Srinivas Machikalapudi** from North America Telugu Society (NATS) are the speaker for this expert talk.



NATS is a non-profit national organization for Telugu speaking people living in North America. NATS primary objective is to address the needs and concerns that affect the everyday lives of Telugu people living in North America. The Society will provide needed social, financial and educational support services to the North American Telugu community.

They explained about various opportunities available to do their masters and different streams they can opt for their course. JAVA, Cloud Computing are some the courses in which there are vast opportunities to study and avail for jobs. They also listed top and best universities to study in USA like Stanford, Harvard, Yale, Duke etc., They also guided of various sectors in Management field.

Sri Mannava Mohanm Krishna and Sri. Srinivas Machikalapudi from North America Telugu Society (NATS) as resource persons a workshop on this expert talk is organized. The session is Very useful and informative. Sri Mannava Mohanm Krishna and Sri. Srinivas Machikalapudi explained very clear about basics and involved in personal examples. This talk is very useful to understand current research trends and we want to learn more about abroad study .Thank you very much to the management and NATS for giving the opportunity.

Student Article:

TIPTAP Technology:



Undoubtedly, in recent years, technology has taken a huge leap. Every day we can witness new proposals for innovation in the area. Some of them are more common such as updating operating systems that we already know, while some still manage to make us surprise.

This is the case of the latest creation of the team of computer scientists at the University of Waterloo. They have developed a laptop input device suitable for many situations simply by touching the fingertips in different ways. “Tip-Tap,” that’s the name of this device, which doesn’t require batteries or other modes of power.

It has the durability of old analog machines along with the functionality of the most advanced modern software. This inexpensive and battery-free device uses radio frequency identification (RFID) tags to sense when fingertips touch. Tip-Tap could, therefore, be added to disposable surgical gloves, allowing surgeons to access things like x-rays or planning diagrams in an operating room, without having to touch anything. They can control a computer without taking their hands away from the patient. After testing the user with an initial wired prototype to evaluate performance, they addressed the problem of making it battery-free.

The prototype, developed in partnership with the National Research Council of Canada (NRC), essentially has an RFID antenna split in half and equipped each side with three chips to allow two-dimensional fingertip input, the first time this ever happened. Tip-Tap can be integrated into a glove or directly attached to the skin like a temporary tattoo (typically, to the index and thumb fingers – all the commands can be transmitted through them).

Once the fingers are put together, a full RFID antenna is created. It changes the ambient radio frequency – a minute change, which can be detected by a computer. Various functions can be programmed for this change, and the result is a very capable button-like input device.

As you can see, the arrival of Tip-Tap could present a radical change in the way we deal with technology and our equipment. This device aims to improve interactions without the user having to approach and physically touch the equipment.

By/- Mr.G.Saketh

FACULTY ACHIEVEMENTS:



Mr.Maduguri Sudhir, Asst. Prof. of ECE Published a paper Your Paper entitled "**MATLAB BASED OCR TOOLBOX DESIGNING FOR DECODING OF VEHICLE NUMBER PLATE**" has been published online in IJRESM in Volume-3, Issue-1, January-2020.



Ms. N.Soniya ,Asst. Prof Published a paper Your Paper entitled "**An Artifact elimination in cardiac signal using Circular Leaky Normalized LMS adaptive Algorithm through IoT**" has been published online in IJITEE in Volume-9, Issue-03, January-2020.

ABOUT

SYNCOM

SYNCOM is the News letter of ECE department packed with Information and News about our courses, successes, events and achievements. News letters are published periodically every month. College-planning newsletters with minimum 4 pages long. News Letters outline the information about upcoming events, procedures and strategies of the college. **With all Your Cooperation, Our Dept. News letter Volume 4 is Successfully completed with December month and happy to say that..Volume .05 is starting from this JANUARY-2020 on wards which comprises much content with new grace & colour full.**

Volume .05 cover Page:

