

# SKCT DIGEST



**EDITOR - IN - CHIEF**  
**Dr A BALAMURUGAN**  
**PROFESSOR & HEAD, CSE**

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**Dr T Rajesh Kumar, IT**  
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**Ms R Kalpanasonika, CSE**

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# KNOWLEDGE UPDATE

**School of Management** - Prof.Radhakrishna Pillai, Indian Institute of Management Kozhikode interacting with the MBA students on the topic "Sustainable Development"



**Computer Science & Engineering** -  
Lecture given on "Latex" by  
Ms.S.Nivedha, AP/CSE,  
Ms.R.Kalpanasonika, AP / CSE to the  
Department Faculty members.

Dr. Ramesh Kumar-CoE/SKCT, Dr. Srinivasan-Prof/ECE & Dr.Pridhar-Prof/Mech attended a Workshop on Examination reforms for AICTE approved Institutions at PSG College of Technology.



# MEETINGS & DISCUSSIONS

**Science & Humanities Department-** Maths faculty had a discussion regarding attainment calculation.



**Electrical and Electronics Engineering Department:-** Internal Academic Audit was conducted



**Mechanical department-** Stock verification was done at Metrology laboratory, Dynamics laboratory and Metallurgy laboratory



# PLACEMENTS



**CIVIL Engineering –Ms.S.Sumithra, Mr.K.Praveen Kumar and Ms.M.Pavithra of B.E.Civil (2015-19 Batch) has got placed in M/s. Arbee Structures, Bengaluru**

**EEE Department - Mohamed Suhail S.M,IV EEE B has been placed in Soliton Technologies,India's first and largest manufacturer of smart cameras and Machine Vision Components.**



**Placement students from all departments have attended FACE Academy Training**



## ALUMNI CORNER

**Computer Science & Engineering -**  
Mr. Joshua Thomas, Alumni, 2012  
- 2016 batch, Service Engineer,  
Ashraf & Co, Kuwait has interacted  
with the Faculty members  
regarding placements & Academic  
activities.



## CLUB ACTIVITIES

**School of Management -**  
Valediction of SKCT SoM  
Association and Associated Clubs.  
Student secretaries of various  
clubs presenting the club reports  
for the Academic year 2018-19



# ACCOMPLISHMENTS



**Mechanical department**-Student participation and Achievement- Certificate of Appreciation received by Mr.Asrith Raj, II Mech A for working as a Campus Ambassador for Shastra 2019 at IIT Madras.

## ENGINEERING TRENDS ...

### Desire for Computers to See - COMPUTER VISION

Computer Vision helps computers “see” and understand the content of digital images such as photographs and videos. The problem of computer vision appears simple because it is trivially solved by people, even very young children. Nevertheless, it largely remains an unsolved problem based both on the limited understanding of biological vision and because of the complexity of vision perception in a dynamic and nearly infinitely varying physical world.

The goal of computer vision is to understand the content of digital images. Typically, this involves developing methods that attempt to reproduce the capability of human vision. Understanding the content of digital images may involve extracting a description from the image, which may be an object, a text description, a three-dimensional model, and so on. A given object may be seen from any orientation, in any lighting conditions, with any type of occlusion from other objects. **A true vision system must be able to “see” in any of an infinite number of scenes and still extract something meaningful!!!**



# DID YOU KNOW???

## 8 Ways to Develop Metacognitive Skills



### Know You Don't Know it All

Knowing the gaps in  
your knowledge is key



### Set Yourself Great Goals

Goals should be both  
challenging and realistic



### Prepare Properly

5 minutes spent  
preparing is an hour  
saved later on



### React Better to the Feedback You Get

Feedback that is sought  
but not actioned is a  
wasted opportunity



### Monitor Your Performance

Don't wait until the end  
to see how you are doing



### Seek Out Feedback

This improves your  
knowledge base, helping  
you make better choices



### Keep a Diary

This will improve  
self-awareness



### Ask Yourself Good Questions

'Is this similar to previous  
tasks?', 'what should I do  
first?' and 'what would I do  
differently next time?'

# A STUDENT'S GUIDE TO

# SPEED READING

## The Bookends Method



### **FOCUS ON BEGINNINGS AND ENDINGS**

Authors want to help you understand their arguments. The beginning and ending of each aspect of the book will help you understanding overarching ideas and theories.



### **FIRST AND LAST CHAPTER**

The introductory and concluding chapters provide a lot of context and summary. Take extra time to read every word of the first and last chapter.



### **FIRST AND LAST SECTION OF EACH CHAPTER**

Pay extra attention to the beginning and ending sections of each chapter for a good overview.



### **FIRST AND LAST PARAGRAPH IN EACH SECTION**

If the book is divided into sections, read the first and last paragraph of each unique section to get a feel for the information.



### **FIRST AND LAST SENTENCE IN EACH PARAGRAPH**

Read every word of the first and last sentence in a paragraph, and skim the sentences in between.



### **KNOW WHEN TO TAKE A CLOSER LOOK**

Don't pressure yourself to speed through tricky concepts. Stop and read every word of any section that confuses you, or any section that is important to your personal research interests.

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