TECHNOZOLA

A CSE Students Association

volume-12

NEWS LETTER

Nov. -2k19

THE OFFICIAL NEWS LETTER OF THE DEPARTMENT OF CSE

USHARAMA

COLLEGE OF ENGINEERING AND TECHNOLOGY

(AUTONOMOUS)

ARTICLE

Acknlowledgement:

The main objective of this series is to show why programming language exist? And to point out the link between programming, science and all the existence. in order to keep this series clean and simple, I solely concentrated on concepts, logics and avoided deep analysis of mathematical formulas and such complex stuff. this series can only given you rough idea of every concept.

Index:

1: def machines(programming):

2:def space(Automation):

3:def medicine(programming):

Chapter 2:def medicine (programming):

Introduction:

According to the wikipedia,medicine is the science and practice of establishing the diagnosis,prognosis, treatment, and prevention of disease. Medicane encompasses a variety of health care practices evolved to maintain and restore health by the prevention and treatment of illness. Contemporary medicine applies biomedical sciences, biomedical research, genetics, and medical technology to diagnose, treat, and prevent injury and disease, typically through pharamaceuticals or surgery, but also through therapies as diverse as psychotherapy, external splints and traction, medical devices, biologics, and ionizing radation, amongest others.

Without medicine our lives are unpredictable. but how programming can really be helpful in this field? let's try to understand that.

Diving in.....

In medicine, we can use programming for maintenance, surgeries and predictions too.so, programming covers all the areas in this bigger field of medicine. Lets go deep about each of those.

1) Analysis and predicition:

One of the chief ML application in healthcare is the identifiercation and diagnosis of diseases and aliments which are otherwise consider hard-to-diagnose. this can include anything from cancers which are tough to catch during the initial stages, to other genetic diseases. IBM Watson Genomics is a prime example of how integrating cognitive computing with genome-based tumor sequencing can help in making a fast diagnosis. Berg, the biopharma giant is leveraging AI to develop therapeutic treatments in areas such as oncology. P1vital's Predict (Predicting Response to Depression Treatment) aims to develop a commercially feasible way to diagnose and provide treatment in routine clinical conditions. Simply, by analysing all the previous and present conditions of patient, an algorithm will analyse and predict exact medical problem the patient has and what measures are needed to be taken care of and what diagnosis does the patient required, will be given as output.

2)Surgeries:

Robotic surgery, or robot-assisted surgery, allows doctors to perform many types of complex procedures with more precision, flexibility and control than is possible with conventional techniques. Robotic surgery is usually associated with minimally invasive surgery, procedures performed through tiny incisions. It is also sometimes used in certain traditional open surgical procedures.The most widely used clinical robotic surgical system includes a camera arm and mechanical arms with surgical instruments attached to them. The surgeon controls the arms while seated at a computer console near the operating table. The console gives the surgeon a high-definition, magnified, 3-D view of the surgical site. The surgeon leads other team members who assist during the operation. All these arms are controlled by software designed specifically to it.

3)Maintenance:

Maintaining up-to-date health records is an exhaustive process, and while technology has played its part in easing the data entry process, the truth is that even now, a majority of the processes take a lot of time to complete. The main role of machine learning in healthcare is to ease processes to save time, effort, and money. Document classification methods using vector machines and ML-based OCR recognition techniques are slowly gathering steam, such as Google's Cloud Vision API and MATLAB's machine learning-based handwriting recognition technology. machines and ML-based OCR recognition techniques are slowly gathering steam, such as Google's Cloud Vision API and MATLAB's machine learning-based handwriting recognition technology. MIT is today at the cutting edge of developing the next generation of intelligent, smart health records, which will incorporate ML-based tolls from the ground up to help with diagnosis, clinical treatment suggestions, etc.

And the most basic thing, Webpages and interanet pages which can help us to organise all the things.

Medicine is necessary field and also has its own defects. But with programming, we can over come most of those.

To be continued..

By:
G.Y.N. Satwik
16NG1A0514

IV year CSE A

INTERNSHIP CERTIFICATE

Avanigadda Bandhavi, 3rd year studient of usha rama college of engineering & Techinology has successfully completed a student partner internship at inventrom private Ltd for the duration of 2 month from 19\08\2019 to 25\10\2019.

During this internship she got to learn the concepts of internet of things (IOI)& machine learning(ML), brand awareness and business development of the bott IOT and ML video trainning

BOLT

Inventrom/HRD/2019/FREEAVA6428
Date - 26/10/2019

INTERNSHIP COMPLETION CERTIFICATE

To Whom It May Concern

This is to certify that Avanigadda Bandhavi, a student of Usha Rama college of engineering and technology has successfully completed a Student Partner Internship at Inventrom Private Limited for the duration of 2 months from 19/08/2019 to 25/10/2019. During this internship, the tasks undertaken by Avanigadda were related to popularising the concepts of Internet of Things(IoT) and Machine Learning(ML), brand awareness and business development of the Bolt IoT and ML online video training.

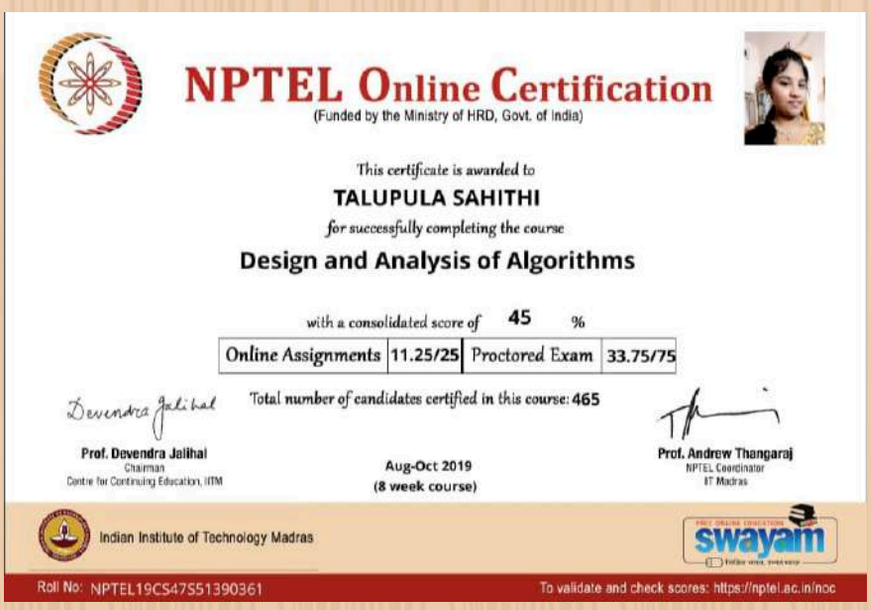
We take this opportunity to thank Avanigadda for his/her contribution during this internship and wish them all the best for their future.

Note for hiring companies: To verify the authenticity of this certificate, please email to hr@boltiot.com with the code - FREEAVA6428

Yours sincerely,
For Inventrom Private Limited (Bolt IoT)

Joyner Fernandes
Human Resource Manager

Talupula Sahithi was awarded an NPTL online Certification for successfully completing the course Design and Analysis with a consolidated score 45%. the total number of candidates crtified in this course was 465 candidates.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

TALUPULA SAHITHI

for successfully completing the course

Design and Analysis of Algorithms

with a consolidated score of 45 %

Online Assignments	11.25/25	Proctored Exam	33.75/75

Total number of candidates certified in this course: 465

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Aug-Oct 2019
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL19CS47S51390361

To validate and check scores: https://nptel.ac.in/noc

STUDENTS PLACEMENTS

***4th year students K.Bhanu Phani got selected in ADP (Automatic Data Procassing Inc) with the package of 5 lakhs per Annum.**

***Four of 4th year usha rama college of enginnering &Technology students got selected in Cognizant Technologies. They are.**

1)K.Kiranmai

2)B.Sravya Likitha

3)M.Swetha

4)K.pallavi

cognizant

Faculty achievement

VELAGAPUDI RAMAKRISHNA
SIDDHARTHA ENGINEERING COLLEGE
(Autonomous)
Kanuru, Vijayawada - 520 007, Andhra Pradesh
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

One Day Workshop on
OBE PARAMETERS, ASSESSMENT & EVALUATION
Under AICTE MARGDARSHAN
Organized by IQAC Cell & Department of CSE

Certificate

This is to certify that ~~Dr./Mr./Mrs.~~ M. SAMBA SIVA RAO
of URCET, VIJ has attended One Day Workshop on
"OBE PARAMETERS, ASSESSMENT & EVALUATION", under AICTE Margdarshan,
held on 8th November, 2019 organized by IQAC Cell & Department of Computer Science & Engineering,
Velagapudi Siddhartha Engineering College, Vijayawada, Andhra Pradesh.

Dr. D. RAJESWARA RAO
Prof & Head, CSE

Dr. A.V. RATNA PRASAD
Principal,

M.Siva Sankar Nayak and M.samba Siva Rao of usha rama callllege of Engineering & Technology in CSE department has attended one day workshop on "OBE PARAMETERS, ASSESSMENT &EVALUATION", under AICTE margdarshan held on 8th November, 2019 orgnized by IOAC cell if department of computer science & Engineering, velagapudi siddhartha engnineering colleage, vijayawada, Andhra pradesh

VELAGAPUDI RAMAKRISHNA
SIDDHARTHA ENGINEERING COLLEGE
(Autonomous)
Kanuru, Vijayawada - 520 007, Andhra Pradesh
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This is to certify that ~~Dr./Mr./Mrs.~~ M. SIVA SANKAR NAYAK
of URCET has attended One Day Workshop on
"OBE PARAMETERS, ASSESSMENT & EVALUATION", under AICTE Margdarshan,
held on 8th November, 2019 organized by IQAC Cell & Department of Computer Science & Engineering,
Velagapudi Siddhartha Engineering College, Vijayawada, Andhra Pradesh.

Dr. D. RAJESWARA RAO
Prof & Head, CSE
Chief Co-ordinator, AICTE Margdarshan

Dr. A.V. RATNA PRASAD
Principal,
VRSEC

Faculty orientation program

N.mounika, Assistant professor of CSE department in usha rama collage of Engeering collage gave a Facualty Orientation on "consequences of Software Bugs" on 30th November 2019 in R304 room at 12:15 p.m

Inauguration of URCET CSI student branch

In computer science of engineering &technology had an inauguration function for "URCE CSI student Branch" on wednesday, november 27, 2019 at 10am. at R block seminar Hall.

The chief Guest was Dr.J Rajesh Chowdary the chairman of CSI, vijayawada,A.p.had kindly delivered the inaugural & keynote address. The CSI A.P state student coordinator of Ap ie., Dr.A.v.Praveen Krishna were invited for the inauguration of CSI student branch.

This inauguration of CSI student branch was done in the presence of Shri Sunkara Rama Brahman, chairman(URCE)

Dr.K Rajasekhar Rao, Director-URCET

Dr.GUKSV prasad,Principal-URCETV

Dr.S M Roychoudri,HOD/CSE-URCET

USHA RAMA

USHA R
COLLEGE OF ENGINEERING
2019-11-27 11:27

2019-11-27 11:06

2019-11-27 11:02

USHA RAMA
COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
2019-11-27 11:56

సాంకేతిక పరిజ్ఞానాన్ని పెంచుకోవాలి

గన్నవరం నవంబరు 27 (వార్తాప్రభ ప్రతినిధి) : సాంకేతిక పరిజ్ఞానాన్ని పెంచుకోవాలని సి.ఎస్.ఐ. చైర్మన్ డాక్టర్. రాజేష్ చౌదరి పిలుపునిచ్చారు. బుధవారం ఉంగుటూరు మండలం తేలప్రోలు ఉషారామ ఇంజనీరింగ్ కళాశాల లో సి.ఎస్.ఐ.సభ్యత్వ

కార్యక్రమం జరిగింది. ఈ సందర్భంగాకంప్యూటర్ సైన్స్ విద్యార్థులకు సభ్యత్వాలు ప్రధానోత్సవం జరిగింది.డా.ప్రవీణ్ కీషోర్ ,విద్యార్థి ప్రసిడెంట్ డి.జెస్సీ మెరిడాస్ ,సెక్రటరీ సాయి ప్రియితమ్ ,ప్రిన్సిపాల్ డాక్టర్ జివీజివికె ప్రసాద్ ,డైరెక్టర్ డాక్టర్ కర్రె రాజశేఖర్,చైర్మన్ సుంకర రామ బ్రహ్మం లు అభినందించారు

USHARAMA
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS
(Permanently Affiliated to JNTUK & Approved by AICTE)
NH-16, Telaprolu, Near Gannavaram,Krishna Dt, AP - 521109.
Ph:9949712255, 0866-2527558, Website: www.usharama.edu.in

Department of Computer Science & Engineering

Cordially invites you for the inauguration of
"URCET CSI STUDENT BRANCH"
Wednesday, November 27, 2019 10 a.m.

R - Block Seminar Hall

CHIEF GUEST
Dr.J Rajesh Chowdhary
(Chairman - CSI , Vijayawada , A.P.,)
has kindly consented to deliver the Inaugural & Keynote Address
Dr. A V Praveen Krishna
(CSI - A.P State Student Coordinator , A.P.,)
In the Presence of
Shri Sunkara Rama Brahmam , Chairman - URCET
Dr.K Rajasekhara Rao , Director - URCET
Dr.G V K S V Prasad , Prinipal - URCET
Dr. S M Roychoudri , HOD/CSE , URCET

Awareness Program

CYBER SECURITY

In usha rama college of engineering & technology computer science & engineering Department, under the banner of Computer society of India (csi) on 28th NOvember 2019 organized acarrier oriented awareness program in cyber security by salient cyber sol (USA based company)

Usha Rama College of Engineering & Technology
(Autonomous)

Department of Computer Science & Engineering

Under the banner of Computer Society of India(CSI)

Organizing

Career – Oriented Awareness Program in CYBER SECURITY

by

Salient Cyber Sol

(USA Based Company)

Salient Cyber Sol

Salient Cyber Sol is Founded by Experienced Technology and business executives with proven corporate and entrepreneurial track record, supported by a team of skilled professionals over 15 plus years of experience in Information Technology Industry.

We are specialized in the field of Cyber Security & Blockchain services. Our goal is to partnering with clients to strengthen their key business processes by identifying critical issues and implementing innovative solutions.

Through the years, our organization has grown steadily into Knowledge Management & Cyber Security practice with solid reputation on dedicated technology practices with a highly experienced workforce.

We firmly believe that the quality of workforce drives the success of any initiative. Thus, our resources are our greatest asset, always focuses on providing the best qualified people to lead and support your initiatives.

Glimpses

“The computer was born to solve problems that did not exist before.”

— Bill Gates

“Software is a gas; it expands to fill its container.”

— Nathan Myhrvold

“Computers are good at following instructions, but not at reading your mind"

— Donald Knuth

“It is easier to change the specification to fit the program than vice versa."

— Alan Perlis

“Simplicity, carried to the extreme, becomes elegance.”

— Jon Franklin

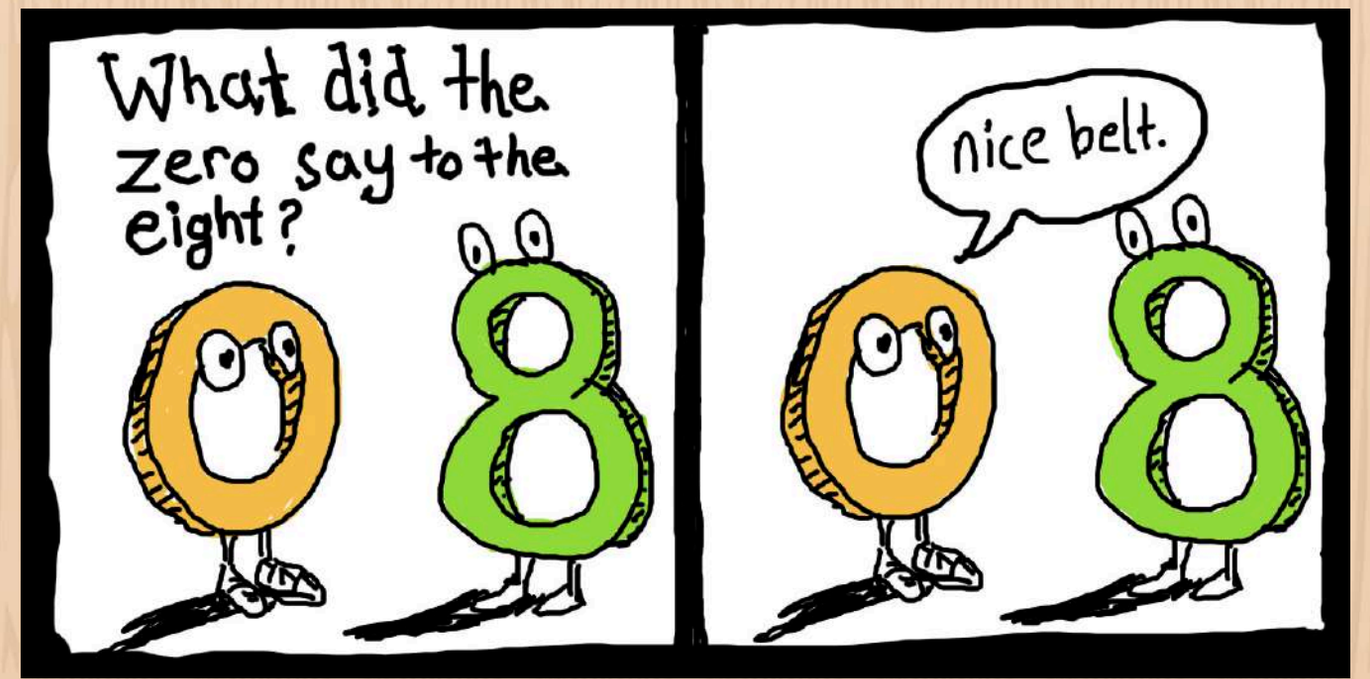
“The best way to predict the future is to implement it.”

— David Heinemeier Hansson

“If the code and the comments do not match, possibly both are incorrect.”

— Norm Schryer

TECHNICAL JOKES



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A CSE Students Association

EXECUTIVE MEMBERS:

MR. B. S. VARAPRASAD	- "EDITOR - IN - CHIEF" - ASSISTANT PROFESSOR OF CSE DEPARTMENT
MS. V. RASHMI	-"ASSOCIATE EDITOR" - ASSISTANT PROFESSOR OF CSE DEPARTMENT
MRS. S. ASWINI	-"MANUSCRIPT EDITOR" - ASSISTANT PROFESSOR OF SCIENCES & HUMANITIES
MR. M. SAMBA SIVA RAO	- "TECHNICAL EDITOR" - ASSOCIATE PROFESSOR OF CSE DEPARTMENT

STUDENT REPRESENTATIVES:

G. Gouri Seshasree	- II - cse -A
M. S. S. Kiran	- II - cse -B
G. Sahithi Priya	- II - cse -B
D. Jessey Mercedes	- III - cse -A
D. OmkarSai	- III - cse -A

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