



Anil Neerukonda Institute of Technology & Sciences

(UG-C Autonomous)

(Permanently affiliated to Andhra University Approved by AICTE, accredited by NBA and NAAC 'A' Grade)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam Dist, A.P.

Department of Information Technology ANNUAL NEWS LETTER (2019-20)



Dr. Poosapati Padmaja - HOD, Information Technology, ANITS

Information technology has become a part of our everyday lives, which is a great impact on our society. This Course especially focuses on the application in various information Technologies which meet Industry requirements and administrative systems having importance in Globalization Communication, arise in new jobs.

The IT department was started in the year 2001. At present it has 23 qualified teachers (as per the norms of AICTE) headed by Dr. Poosapati Padmaja, Head of the Department with more than 22 years of experience in Teaching and Industry. We value professionalism, communication, integrity and teamwork.

Facilities and Infrastructure

Well equipped with 181 latest core i5 processor Computers Connected in Wireless LAN, Uninterrupted power supply. 276 core i5 processor Computers with latest technologies are connected to the IBM Server, Students are encouraged to use the Digital Library E-class room to attend/conduct seminars, paper presentations and Workshops.

Chief Patron:

Dr.N.B.R. Prasad

Chairman, ANES

Patron:

Prof. T.V. Hanumantha Rao

Principal, ANITS

Advisor:

Dr.P.Padmaja, HOD, IT

Editor:

Mrs. G. Vijaya Laxmi

Asst. Professor, IT

Student Coordinators:

P. Chaturya

Nived Raj

K. Lavanya

DEPARTMENT OF IT

TESTIMONIAL

List of Faculty

Prof. P. Padmaja, Professor & HOD
Dr. M.Rekha Sundari, Associate Professor
Dr. N.Sharada, Associate Professor
Dr. V. Suresh, Assistant Professor
Mr. Ch. D. Naidu, Sr.Assistant Professor
Mr N. Aditya Sundar, Assistant Professor
Mr. Pandit Samuel, Assistant Professor
Mr. M. V. Kishore, Assistant Professor
Mrs. V. Annapoorna, Assistant Professor
Mrs. J S V Sai Hari Priyanka, Assistant Professor
Mr. Prasadu Reddi, Assistant Professor
Mrs. M Navyasri, Assistant Professor
Mrs A. Surekha, Assistant Professor
Mrs. G Vijaya Lakshmi, Assistant Professor
Mr. A Durga Praveen Kumar, Assistant Professor
Mrs. K.Swathi Lakshmi Durga, Assistant Professor
Mrs. V. Alekhya, Assistant Professor
Mrs. M.Swathi, Assistant Professor
Mrs. K.Chandusha, Assistant Professor
Mrs. A.Bhanusri, Assistant Professor
Mr. G.Ravi,Assistant Professor
Ms. V.V.Nagmani, Assistant Professor
Mr. K.V.Chandra Sekhar, Assistant Professor
Mr. P.Satish Kumar, Assistant Professor
Mrs. U.Gouthami, Assistant Professor
Mr. D.Satya prasad, Assistant Professor

FACILITIES IN THE DEPARTMENT

No. of class rooms : 06
No. of Software labs: **Project lab**
Web Technologies Lab
Java & DBMS Lab
Networking Lab
Sales force Lab
No. of Hardware labs : Digital Electronic Lab &
Micro processor Lab

STUDENT ACHIEVEMENTS

P INDRANI SAI PRANAVI of 3/4 IT successfully completed with Gold in NPTEL course in Programming in C on April, 2019.

P INDRANI SAI PRANAVI of 3/4 IT successfully completed with Silver in NPTEL Course in DBMS on October, 2019.

P Harshitha of 3/4 IT successfully completed with Silver in NPTEL Course in DBMS on October, 2019.

Nived Raj of 3/4 IT successfully completed with Silver in NPTEL Course in DBMS on October, 2019.

Chinnam Naidu of 3/4 IT successfully completed with Silver in NPTEL Course IN DBMS on October, 2019.

Korada Rachana of 3/4 IT successfully completed with Silver in NPTEL Course in JAVA on October, 2019.

DASARI SAIRAM of 3/4 IT Winner in GVP COE basketball tournament. on December, 2019.

DASARI SAIRAM of 3/4 IT are Winner in vishunu(VIT) basketball tournament. on December, 2019.

P INDRANI SAI PRANAVI of 3/4 IT is ANITS Institute Topper in 3/4 Sem 1 on Jan, 2020.

N PAVAN SAI of 3/4 IT got 1st place in blind coding on 14 March,2019 held at ANITS.

B KAVYA of 3/4 IT successfully completed with GOLD IN NPTEL COURSE IOT on April,2019.

ANANTAPALLI P S B VYSHNAV of 3/4 IT got \$200 CERTIFICATION VOUCHER FROM SALESFORCE on Jan, 2020 held in SALESFORCE.

K.NAVEEN of 3/4 IT got 3rd Prize in KHO-KHO on 18th Sep-2019 held at Andhra University.

K.Manoj of 3/4 IT got 3rd Prize in KHO-KHO on 18th Sep-2019 held at Andhra University.

G.Naga Raju of 3/4 IT successfully completed with SILVER IN NPTEL(PYTHON for data science) on 16th Nov 2019.

B.Durga prasad of 3/4 IT successfully completed with on October, 2019.C.Sai Akhil of 3/4 IT successfully completed with SILVER IN NPTEL(DBMS) on 29th Sep, 2019.

Praveen bandaru of 3/4 IT successfully completed with SILVER IN NPTEL(DATA STRUCTURE USING PYTHON on 29th Sep, 2019.

SAHIN SAI CHAITANYA of 3/4 IT successfully completed with SILVER IN NPTEL(DATA STRUCTURE USING PYTHON on 29th Sep, 2019.

N.Dharani of 3/4 IT successfully completed with GOLD IN NPTEL COURSE IOT on April,2019

N.Dharani of 3/4 IT successfully completed with silver in cloud computing on April,2019.

N.Dharani of 3/4 IT successfully completed with SILVER IN NPTEL(DATA STRUCTURE USING PYTHON on 29th Sep-2019.

J.pavan kalyan of 3/4 IT successfully completed in INTERNSHALA in Ethical Hacking on 18th oct, 2019

k.uday mithra of 3/4 IT successfully completed with GOLD IN NPTEL COURSE IOT on April,2019.

k.uday mithra of 3/4 IT successfully completed with silver in NPTEL in cloud computing on April,2019.

B.HARSHA VARDHAN of 3/4 IT got \$200 CERTIFICATION VOUCHER FROM SALESFORCE on Jan,2020 held in SALESFORCE.

M. VYSHANAVI of 4/4 IT TABLE TENNIS in AU
S.Navya of 4/4 IT successfully Completed python certification on 2019 in infosys.

ch.Divya of 4/4 IT successfully finished NPTEL on phyton and Datastructure on 2019 in online.

B.Praneetha of 4/4 IT successfully IELTS (score=6.5) on 2019 in Online.

E.Jayanth of 4/4 IT achived a position as Runnerup in Hackwith infi,CAT(87.5%) Qualified on 2019 in Online

Highest Pay Package Students (2016-2020)

Mr. CH. Dhanunjai, Mr.K. Bala Gupta,
Mr. ETT. Jayanth, Mr. K. Alisha,
Mr. A.L. Mechana, Mr.C.S.R. Krishna (IV/IV IT)
has selected for "Amazon".

Highest Pay Package Students (2016 -2020)



Mr. CH. DHANUNJAI
(Amazon - 30 LPA)



Mr. K. BALA GUPTA
(Amazon AWS - 19 LPA)



Mr. ETI JAYANTH
(Hack With Infy - 8 LPA)



Ms.K. ALISHA
(Amazon AWS - 19 LPA)



Ms.A.L. MECHANA
(Amazon AWS - 19 LPA)



Mr.G.S.R. KRISHNA
(NCR - 7 LPA)

Student Achievements

Ms. P. Ashmita and wish her the very best in all her endeavors in all her professional pursuits.



Ms. RAYANA SARANYA, IV/IV,
Information Technology is the recipient of the
PRAGNYA UTTERNA PURASKAR
for the year 2019-20



Student Activities

NSS

Unnat Bharat Abhiyan is a flagship program of ministry of Human Resource development (MHRD) Govt. of India with a view to bring a transformational change in rural development by active participation of higher academic institutions with local communities and IIT Delhi is acting as National Coordinating Institute for Higher Educational Institutes as participating Institutes in the country. Under the UBA Program all participating Institutes are adopting a cluster of five villages in consultation with Districts Collectors. It is brought to your kind notice that under the Unnat Bharat Abhiyan, Anil Neerukonda Institute of Technology & Sciences, Sangivalasa, Visakhapatnam, has been registered and proposed the following villages in the visakhapatnam for the same.

1. Sangivalasa, 2. Thagarapuvalasa, 3. Thallavalasa, 4. Chittivalasa
5. Namminvanipeta

Dr. V Suresh NSS CO ORDINATOR WITH IT department third year students participated UBA Social Service program on need analysis for Technology transfer to villages.



Student Activities

CLUBS

CODING CLUB

Coding is the process of translating and writing codes from one language to another and assigning a code to something for classification or identification.

Coordinator : Mrs. K. Chandusha, Assistant Professor

President : V. Sai Tharun

Secretary : G. Manikanta

Programming means

-> Set Of Commands

-> Talk With Computer

-> Make Your Output

Various languages

1. Python
2. Java
3. C
4. C++
5. R
6. JavaScript
7. C#
8. Matlab
9. Swift
10. Go

Logic Building And Data Structures

Think to solve

Divide and conquer

Practice

Programming Paradigms

Quizzes And Puzzles

The best way to understand minor mistakes and to get in detail in any language, quizzes are the best.

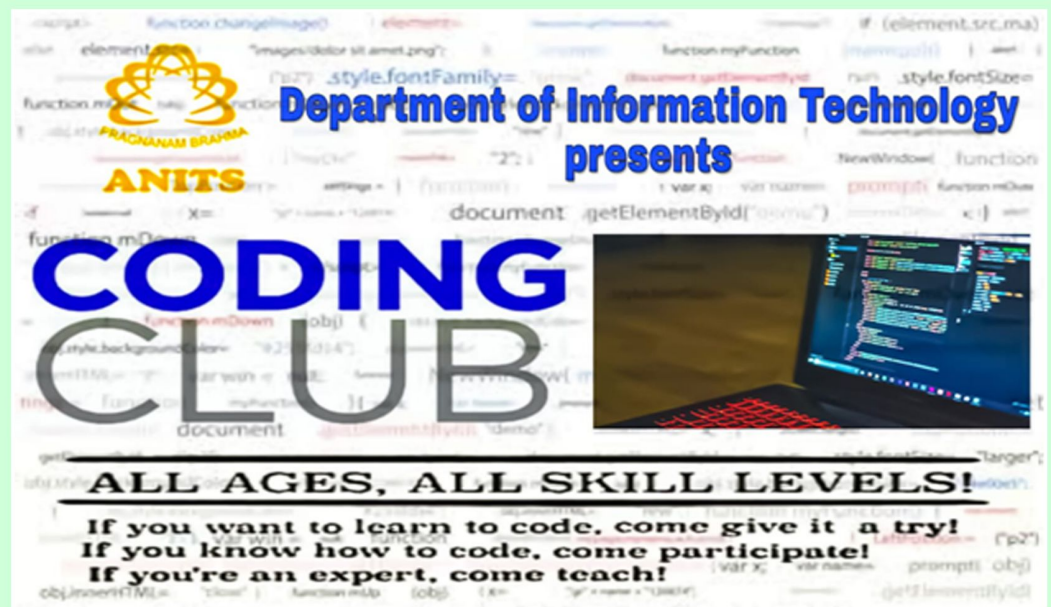
There will be daily quizzes and puzzles to make our skills more deep.

Competative Programming

Analyze : Follow a hierarchical approach. Try to start coding using simpler problems.

Understanding : Get through understanding. First of all study all the concepts of the programming language deeply...

Breakdown : Divide the problem into sub problems. Make separate methods for each sub problem.



Student Activities

COMMUNICONS The VOICE Club

MOTTO:-

The Main Aim Of This Is “TO WIN OVER THE CROWD “, “TO MOTIVATE PEOPLE “, “TO INFORM” When Making A Persuasive Speech Of Any Kind.

Communication is the backbone of our society. Without this, the ability to progress in the working world and in life, itself, would be nearly impossible. Public speaking is one of the most important and dreaded forms of communication. Glossophobia or speech anxiety, is the most common fear people have across the globe. This club helps to overcome all this.

Coordinator :K. Swathi,Assistant Professor

President : B. Reshmi

Secretary :P. Ishitha



ENTREPRENEURSHIP CELL

MOTO:-This events will Help the young entrepreneurs to improve their overall performances Entrepreneurship Is The Art Of Starting A Business. It Is An Activity Full Of Creativity. An Entrepreneur Is A Creator Or a Deginer Who Designs New Ideas And Business Processes According To The Market Requirements And His/ her Own Passion .

Coordinator :P.Samuel,Assistent Professor

President : V. Sarath Chandra Reddy

Secretary : G. Hari Chandana

Events

Test self

Lead it

Research at market

Build idea

Market battle

Plans for business



Student Activities

CLUBS

UI & UX CLUB

User Experience Design Is Defined As The Process To Design Experiences And Interactions With A Digital Or Physical Product That Is Useful, Easy, And Enjoyable.

User Interface Design Is Commonly Defined As The Process Of Designing The Visual Look Of The Product And The Functionality Of The Interaction.

Coordinator :V.V.Nagamani,Assistant Professor

President :B. Harsha Vardhan

Secretary :M. Vineetha

USER EXPERIENCE DESIGN

User experience design (UXD or UED) is the process of enhancing customer satisfaction and loyalty by improving the usability, ease of use, and pleasure provided in the interaction between the customer and the product. **USER INTERFACE DESIGN**

UserInterface Design is the look and feel, the presentation and interactivity of a product.

Events In UI & UX Club

Portfolio

Typography

Web design

Wireframe

Prototyping

Mobile app design

Portfolio

A UX designer portfolio is designed to showcase a UX designer's work. It typically contains detailed case

Typography

Typography is the art and technique of arranging type to make written language legible, readable, and appealing when displayed.

Website design

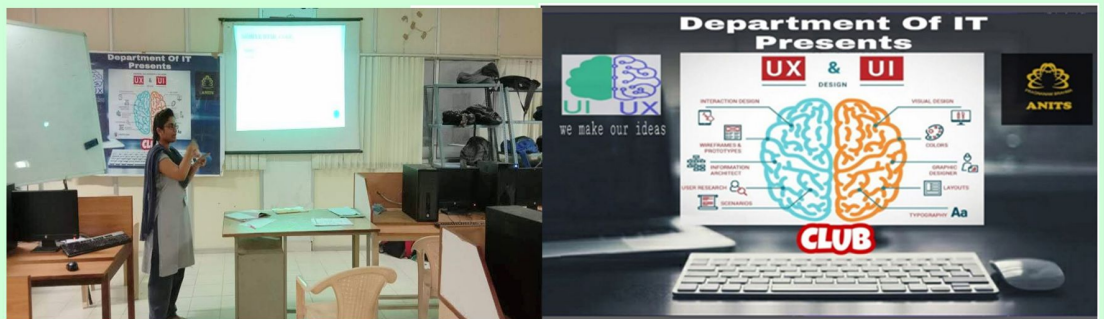
Web design is the process of creating websites. It encompasses several different aspects, including webpage layout, content production, and graphic design.

Wireframe

A sketch or a guideline before you build actual website. A skeleton graph that shows how the contents will be layout. Frames with no colours, images or any graphics.

Prototyping

Prototypes help designers and developers build partial product implementations, which potential end users or customers use to provide feedback to the development team before full scale development begins.



Faculty Achievements

Ms. Burra Lakshmi Ramani awarded Phd Title "A METHAUERSTIC OPTIMIZATION ALGORITHM FOR FUZZY RULE BASED CLASSIFICATION SYSTEM" under guidance of Dr. P. Padmaja HOD, Department of IT.



Prof. P.Padmaja Professor., Department of IT, has successfully completed 5 days FDP on Artificial Intelligence in BrainOVision and National Youth Council.

CH DEMUDU NAIDU Asst.Prof., Dept.of IT has completed NPTEL Online course on Accreditation and Outcome Based Learning with Eliteheld on 8/26/2019 to 10/18/2019.



A Durga praveen Kumar Asst.Prof., Dept.of IT has completed NPTEL FDP on Accreditation and Outcome Based Learning with Successfully Completedheld on 8/26/2019 to 10/18/2019.



G Pandit Samuel Asst.Prof., Dept.of IT has completed NPTEL FDP on Accreditation and Outcome Based Learning with Successfully Completedheld on 8/26/2019 to 10/18/2019.



Prasadu Reddi Asst.Prof., Dept.of IT has completed NPTEL Online course on Programming,Data Structures and Algorithms using Python with Eliteheld on 7/1/2019 to 9/1/2019.



Dr. K. SHARADA has successfully completed internship project on 24th November 2020. The project is a part of ExceIR & APSSDC faculty Development Program held from June 1st, 2020 to June 30th, 2020 and was able to participate in and accomplish all the tasks requested for the project and able to showcase great work ethic, and team player skills



Dr.K.Sharada Asst.Prof., Dept.of IT has completed NPTEL FDP on Accreditation and Outcome Based Learning with Elite + Goldheld on 8/26/2019 to 10/18/2019.

Dr.M.Rekha Sundari Asst.Prof., Dept.of IT has completed NPTEL FDP on Accreditation and Outcome Based Learning with Elite + Silverheld on 8/26/2019 to 10/18/2019.



Mrs. I. S. L Sarwani Assist. Prof. Dept of IT, NPTEL FDP on Accreditation and Outcome Based Learning on 8/26/2019 to 10/18/2019 with Elite + Silver



Mrs.V.Annapoorna Assist. Prof. Dept of IT, NPTEL FDP on Accreditation and Outcome Based Learning on 8/26/2019 to 10/18/2019 with Elite



Faculty Achievements

M.Swathi Assistant. Professor., Department of IT, has successfully completed 8 weeks Course on Formal Language and Automata Theory in NPTEL



M.Swathi Assistant. Professor., Department of IT, has successfully completed 5 days FDP on Python Programming through INFYTO Platform in Infosys Limited

M.Swathi Assistant. Professor., Department of IT, has successfully completed 5 days FDP on Artificial Intelligence in BrainOVision & National Youth Council of India

M.Swathi Assistant. Professor., Department of IT, has successfully completed 1week course on IOT in IoTians

M.Swathi Assistant. Professor., Department of IT, has successfully completed 2 days Workshop on Fuzzy Logic and Neural Network Approaches for Engineering Solutions" in Journal of Advanced Engineering Research

M.Swathi Assistant. Professor., Department of IT, has successfully completed 2days Workshop on Computer Aided Engineering (CAE) Analysis using HyperMesh and DEFORM-3D" in Journal of Advanced Engineering Research

M.Swathi Assistant. Professor., Department of IT, has successfully completed 3days weekened course on Python in Progate

J.S.V.Sai Hari Priyanka Assistant. Professor., Department of IT, has successfully completed 12 weeks course on Networks and Internet Protocol in NPTEL

J.S.V.Sai Hari Priyanka Assistant. Professor., Department of IT, has successfully completed 8 weeks course on Accreditation and outcome based education in NPTEL.



J.S.V.Sai Hari Priyanka Assistant. Professor., Department of IT, has successfully completed 3 days weekened course on Python in Progate.

J.S.V.Sai Hari Priyanka Assistant. Professor., Department of IT, has successfully completed 6days FDP on ONLINE TEACHING TOOLS FOR TRAINERS in FDP conducted by IAAC.

J.S.V.Sai Hari Priyanka Assistant. Professor., Department of IT, has successfully completed 5 days FDP on ARTIFICIAL INTELLIGENCE in ANITS, IT

M.Navyasri Assistant. Professor., Department of IT, has successfully completed 8 weeks course on Accreditation and outcome based education in NPTEL



M.Navyasri Assistant. Professor., Department of IT, has successfully completed 8 weeks course on Data base management system in NPTEL

M.Navyasri Assistant. Professor., Department of IT, has successfully completed 12 weeks course on Problem solving through Programming in C in NPTEL

M.Navyasri Assistant. Professor., Department of IT, has successfully completed 8 weeks course on Machine learning in NPTEL

Faculty Achievements

V ALEKYA Assistant. Professor.,
Department of IT, has successfully completed
12 weeks course on Networks and Internet
Protocol in NPTEL



A. Bhanusri Assistant. Professor.,
Department of IT, has successfully completed
5 days FDP on Artificial Intelligence
in BrainOVision and National Youth
Council



V ALEKYA Assistant. Professor.,
Department of IT, has successfully completed
8 weeks course on Accreditation and outcome
based education in NPTEL

A. Bhanusri Assistant. Professor.,
Department of IT, has successfully completed
12 weeks Course on Computer
Networks and Internet Protocol in NPTEL

K.Swathi lakshmi durga Assistant. Professor.,
Department of IT, has successfully completed
5 weeks course on Database with Python in
Coursera



K.V.Chandrasekhar Assistant. Professor.,
Department of IT, has successfully completed
5 days FDP on Artificial Intelligence
in BrainOVision and National Youth
Council



K.Swathi lakshmi durga Assistant. Professor.,
Department of IT, has successfully completed
2 days workshop on Fuzzy Logic and Neural
Network Approaches in Hexacubes

K.V.Chandrasekhar Assistant. Professor.,
Department of IT, has successfully completed
5 days FDP on SalesForce in
SalesForce

K.Swathi lakshmi durga Assistant. Professor.,
Department of IT, has successfully completed
5days FDP on Python Programming,infyq in
Infyq

K.Swathi lakshmi durga Assistant. Professor.,
Department of IT, has successfully completed
5DAYS FDP on Artificial Intelligence in
BrainOVision and National Youth Council

k.Swathi lakshmi durga Assistant. Professor.,
Department of IT, has successfully completed
5 days FDP on ML using Python in MIT-ADT
university

k.Swathi lakshmi durga Assistant. Professor.,
Department of IT, has successfully completed
3 days Course on PYTHON in Progate

FACULTY PUBLICATIONS

Dr. P. Padmaja published a paper titled, "A Comprehensive Rubric Model for Assessment of Final Year Projects" Solid State Technology.



Dr. P. Padmaja published a paper titled, "Webpage Recommendation System Using Interesting Subgraphs and Laplace Based k-Nearest Neighbor", International Journal of Pattern Recognition and Artificial Intelligence

Dr. P. Padmaja published a paper titled, "Deep learning and fuzzy rule based hybrid fusion model for data classification", International Journal of Recent Technology and Engineering.

Dr. P. Padmaja published a paper titled, "An Approach for Interesting Subgraph Mining from Web Log Data Using W-Gaston Algorithm", International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems.

Dr. V Suresh published a paper titled, "A Classification And Prediction Of Student Result" in IJRAR (International Journal of Recent Academic Research) Vol. 01, Issue 04, pp.135-139, July, 2019.



Dr.V Suresh published a paper titled "Reduced Tagset To Improve Accuracy Of Hmm Based Parts Of Speech Tagger In Telugu Language" in Quest Journals Inc - JSES (Journal of Software Engineering and Simulation) on February 2020, Reference ID: QA81001, Volume 5 ~ Issue 2 (2019) ISSN(Online) :2321-3795 ISSN

Dr.V Suresh published a paper titled, "An IOT Based Patient Monitoring System" in IJRAR (International Journal Of Research And Analytical Reviews) ,E-ISSN 2348-1269, P-ISSN 2349-5138, Vol. 07, Issue 01, February 2020, Impact Factor: 5.75., pp.111-120,

Dr.V Suresh published a paper titled "Vehicle Number Plate Recognition System Using MATLAB" in IJRAR (International Journal Of Research And Analytical Reviews) ,E-ISSN 2348-1269, P- ISSN 2349-5138, Vol. 07, Issue 01, March 2020, Impact Factor: 5.75., pp.776-785.

Dr.V Suresh published a paper titled "Facial Recognition Attendance System Using Python and OpenCv" in JSES (Journal of Software Engineering and Simulation) on March 2020, Reference ID: QA82002, Volume 5 ~ Issue 2 (2019) ISSN(Online) :2321-3795 ISSN(Print): 2321-3809, Page Nos: 18-29.

Dr.K.Sharada published a paper titled "Air Congnizer and Conjecture using convolutional neural networks and time series forecasting, International Journal of Management Technology



CH D Naidu published a paper titled "Cognitive Radio Networks Using Netsim , International Journal of Management, Technology And Engineering Volume X, Issue III, MARCH/2020 , ISSN NO : 2249-7455



CH D Naidu published a paper titled " Twitter Sentiment Analysis For Real Time Data Using Improved Naive baye's classifier.

N Aditya Sundar published a paper "Performance Analysis of Classification Algorithm in Machine Learning over Air Pollution Database - DOI <https://doi.org/10.1007/978-981-15-1084-7> - Series Print ISSN 2194-5357 - Print ISBN 978-981-15-1083-0 - Series



N Aditya Sundar published a paper "Journal of Science and Technology (JST) - Predicting Hospitals Readmissions

N Aditya Sundar published a paper "Journal of Science and Technology (JST) - Credit Card Fraud Detection Using Machine Learning Classification Algorithms Over Highly Imbalanced Data.

M.V.Kishore published a paper "Analysis of Road Accidents using Machine Learning "- Journal of Science and Technology (JST)



V. Annapoorna published a paper Gestational Diabetes Prognostication Using Classification Techniques, International Journal of Management, Technology And Engineering, Volume X, MARCH/2020, ISSN NO : 2249-7455



V. Annapoorna published a paper ,Comparative Analysis Of Gestational Diabetes Prediction Using Supervised Learning Techniques ,International Journal of Management ,Technology And Engineering, Volume X, Issue III, MARCH/2020, ISSN NO : 2249-7455.

FACULTY PUBLICATIONS

M.Navyasri, published a paper "An biometric based embedded system for E-Verification of vehicle users for RTO",2019-20,Intelligent computing and communication proceedings of ICICC2019(International conference on Innovative computing and communication) ISBN:978-981-15-1084-7_69,pg no711-718, SCOPUS



M.Navyasri, published a paper,"Online signature extraction from document images using connected component analysis "International Journal of Management Technology and Engineering, Issn no:2249-7455, volume X,ISSUE III, 2020.

M.Navyasri, published a paper "Decision for the prediction of risk in heart attacks using artificial neural network" International Conference on Operations Research and Decision Sciences proceedings pg no 127,IIMVisakhapatnam, 2019-20 , SCOPUS

Ravi Gorli (2020) published a paper, Proposal of ASLR for Voice Disorders, Langugae and Speech, Sage Publications **Ravi Gorli** (2020) published a paper. Voice Over Control To Internet Of Things With Deep Learning, International Journal Of Multidisciplinary Educational Research, VOLUME:9, ISSUE: 2(3), FEBRUARY:2020.



G. Ravi published a paper, Performance Analysis Of Genetic Algorithm And Particle Swarm Optimization Algorithm

A Durga Praveen Kumar published a paper Automatic Smart Car Parking System Using Iot and Python Volume 6 ~ Issue 1 (2020) Volume 6 ~ Issue 1 (2020) pp: 01-13 ISSN(Online) :2321-3795



V.Nagamani, published a paper "Mining drug usage from social media using machine learning algorithms",in QUEST JOURNAL ISSN :2321-9467, Volume-8,Issue-1,page no :56-65,2020



J.S.V.S.Haripriyanka, published a paper "prediction on fire occurences using KNN classification", International Journal of Management Technology and Engineering /3270, Volume X, ISSUE III,2020



M.Swathi, published a paper "CODE.IO", IJMTE(International journal of management, Technology and engineering ISSN NO:2249-7455, volume-x, Issue III, March 2020



V.alekya, published a paper, "Forecasting Bike Rental Demand" IJRAR (International Journal of Recent Academic Research) E-ISSN 2348-1269, P- ISSN 2349-5138 Available online at <http://www.journalijrar.com>.



K.Chandusha, published a paper,"K-Means Clustering Algorithm With Improved Initial Centroids To Reduce Time Complexity"(IJMTE),ISSN NO:2249-7455.



K.Chandusha published a paper,"Dbscan Assisted by Hybrid Genetic K Means Algorithm"IJRTE(International Journal of Recent Technology and Engineering (IJRTE) available online at <https://www.ijrte.org/wp-content/uploads/papers/v8i6/F8061038620.pdf> ISSN: 2277-3878, Volume-8 Issue-6, March 2020(SCOPUS)

FACULTY PUBLICATIONS

M. Rekha Sundari published a paper titled , “Crop Recommendation System Using K-Nearest Neighbors Algorithm, 8th International Conference on Recent Trends in Computing, Springer, Conducted by SRM Institute of Science and Technology.



M. Rekha Sundari, published a paper titled “Traffic Risk-Safety Restraints- Awareness through Data Mining Approaches” International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249-8958, Volume-8 Issue-5, June 2019.(SCOPUS) and Engineering, May 2020, Volume X, Issue V.

K.Swathi Lakshmi Durga published a paper "An Analysis Of Big Data Applications Aand Its Impliccations In Health Care Sector" published in IJRAR VOLUME 7 ISSUE 2 E-ISSN 2348-1269, P-ISSN 2349-5138



G Vijaya Lakshmi, published a paper "Audio Visual Support for Blind Students" published in IJMTE JOURNAL VOLUME X ISSUE III MARCH 2020.

G Vijaya Lakshmi published a paper I "Web Features Based Conversion" published in MUKTH SHADB JOURNAL VOLUME IX ISSUE IV APRIL 2020.



Events organized

One day Seminar on Emerging Technologies “Being an Industry Ready Graduate” on 16-11-2019- Key Note Speaker Sri. T. jignesh, CEO, Perspect-AI, which was co-ordinated by Mr.N. Aditya Sundar & Mrs. M.Swathi, Asst. Professor



Revolution - Tech Trends 2019-20, Sri.K. Rajeswar Rao, CEO Coach, Member of Board Advisory - Datawise for III/IV IT Students which was co-ordinated by Mr.Ch.D.Naidu & Ms.V.Nagamani, Asst. Professor



One day Organized Inagural function of Student Clubs - Coding Club , UI & UX Club, Voice Club, and Entrepreneur cell for III/IV & II/IV IT Students, which was co-ordinated by Prof. P. Padmaja, HOD,IT. on 28-11-19.



One day Organized A Talk On “Stress and Strain Managment” by B.K. Sister Madhuri, Brahma Kumari’s Visakhapatnam, which was co-ordinated by Prof. P. Padmaja, HOD,IT. on 28-08-2019.



Women's Day Celebrations



Events organized



WEEK – I:

DAY-1

Topic: Welcome to the freshers (with parents) and introduction of the HODs, faculty and general orientation about the college, a power point presentation about the salient features of the college. curricular activities associations.

Date:19.08.2019

Faculty: Prof.Padmaja Poosapati, HoD, IT.



I started my session with a warm welcome to all the first year students and then introduced my self.Then I elaborated about the establishment of IT Department.Then I introduced about all the teaching staff and supporting staff of IT.

Then I concentrated on hilights of IT department and also briefed about the facilities and infrastructure,Laboratories, Department Library,student associations,student publications,student achievements.I presented them about Faculty publications and achievements at national and international levels.Finally i summarized them with our alumni students performance at higher studies and concluded my session by presenting the discipline at anits.

Topic: Familiarization with Departmental curricular, Cocurricular & Extra curricular activities associations.

Date:19.08.2019

Faculty: Mrs.V. Annapoorna,R.Prasadu,Asst.Prof, IT.

I started my session with a warm welcome to their B.Tech in IT and I wished all the students and then introduction to myself. After that I elaborated to the studnets by defining Curricular, Cocurricular & Extra curricular activities and distinguished these activiteis and I also presented them what are the various committees formed to conduct these activites in the college.

Later I encoureged the students by Familiarizing with our departmental curricular, Cocurricular & Extra curricular activities associations for the years 2014-19.Then I summarized them with Various achievements,participations and publications at National and International levels of our IT students.Finally I concluded my session by saying all the best for their Journey in Engineering.



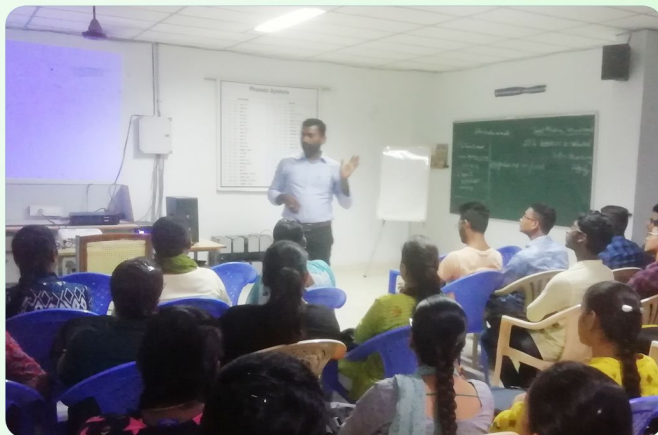
DAY-2:

Tour to Familiarize the common amenities of college and first year laboratories

Day-2 :20-8-19

Time : 9:00AM to 11:00AM

Faculty: Ch.DemuduNaidu, Sr.Asst.Professor, IT.



On 20-8-2019 from 9:00AM to 11:00AM my session is "A tour to get familiarize the common amenities of the college and department laboratories in groups".

I started my session with warm welcome and the introduction to myself and later I discussed about the common amenities of the college like Central library, first year laboratories (Chemistry and Physics), sports room and gymnasium, cafeteria, playground and department laboratories.

Later I took all the students to chemistry lab, where Dr.Padmaja, HoD Chemistry, introduced about the first year chemistry laboratory experiments. later I took them to Physics laboratory where Dr.Venkateswarlu, HoD, Physics, introduced about first year laboratory experiments and the evaluation process. Later I took them to central library and I addressed about the facilities available and the process of utilizing the books, online links, journals, newspapers and internet. Later I took them to sports and gymnasium room, cafeteria and playground. Later I took them to the laboratories available with the department and discussed about the labs conducting in each laboratory and the configurations of systems.

With this I concluded my session.

Day-2

Topic: Introduction to the 4 years Curriculum + evaluation systems +grading systems, OBE

Date:20.08.2019

Faculty: Prof.Ch.Suresh,IT



WEEK 2:

Day – 1:

Topic: Top Career Options For Computer Science Engineering Students

Date:28/08/2019

Faculty: N. Aditya Sundar



It is essential that the students get to know all about the career choices that they have. These are some of the career options for the students after they complete their B.Tech in Computer Science degree.

1. Software Developer

This is one of the most important careers that the students can go for after their degree in Computer science. The basic task of a software developer is to create software programs that allow users to perform a defined task on various devices like computers and mobiles. They create software and applications which are compatible in any and every device to make it easier to handle and also very portable. The syllabus of CSE is such that students are taught the programming languages like C, C++, C#, Java, Python and more. This helps them a lot during their professional life.

Uniqueness Software developers possess the technical creativity that is needed to solve software related problems in an innovative manner. It is a prerequisite for the students that they need to be fluent in computer languages so that they can write the perfect code for the programs. Needless to say, communication skills are absolutely important in order to understand the user's perspective on how the software is functioning.

2. Database Administrator

The job of the database administrators includes keeping an eye on the database software purchases that are done. Also, they help in supervising the modifications that are done in the existing software. Database Administrators have the responsibility of being watchful over the quality control and the performance of the company databases so that confidential data can be safe and secured optimally.

Uniqueness Database administrators have the skills and technical expertise which are needed to protect the confidential data of a company. So, it is needless to say that this is a career choice suitable for the students as many organizations are looking for professionals like that. Therefore it is one of the highest demanding careers that people could choose after doing B.Tech in Computer Science Engineering. Many of the organizations like finance, insurance, and content providers are looking for skilled database administrators.

Topic: Giving guidance about Online Courses / e-learning

Date:28/08/2019

Faculty: Dr. K. Sharada

Motivation

In a world where change is constant, there is a perpetual need to learn new skills, acquire knowledge and gain qualifications that are relevant in today's technologically driven marketplace. In a thriving digital economy, the demand for skilled professionals with both technical and analytical skills is stimulating job creation and creating competition amongst employers looking to secure valuable talent.

In such a competitive and time-starved world, online learning provides people - from recent graduates to mid-level professionals - with the tools to add value to their current skill set and broaden their horizons without the constraints of time or place.

The benefits of studying online courses:

- Career advancement and hobbies. Studying online gives you more flexibility. ...
- Flexible schedule and environment. ...
- Lower costs and debts. ...
- Self-discipline and responsibility. ...
- More choice of course topics.