Anil Neerukonda Institute of Technology & Sciences

(Autonomous)

(Permanently affiliated to Andhra University Approved by AICTE, accredited by NBA and NAAC

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

PRAGNANAM BRAHMA

ANITS

DEPARTMENT OF INFORMATION TECHNOLOGY
ANNUAL NEWS LETTER 2022- 2023

Dr. Rekha Sundari - HOD, Information Technology, ANITS

Chief Patron:

Smt. Puritipati Sudharani

Chairman/President, ANES

Patron:

Dr. K. Sri Rama Krishna

Principal, ANITS

Advisor:

Dr.Rekha Sundari, HOD, IT

Editor:

Mrs. G. Vijaya Laxmi

Asst. Professor, IT

Student Coordinators:

D. Sai Manjeera

P. Sharmila

K. Surya Kanti Sri

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 29 qualified teachers (as per the norms of AICTE) headed by Dr Mantripragada Rekha Sundari, Incharge Head of the Department with more than 12 years of experience in Teaching and With good research experience with guide status . 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.

VISION OF DEPARTMENT

Department of IT envisions in building tomorrows digital world through academic excellence and research by disseminating knowledge for developing a healthy society.

MISSION OF DEPARTMENT

• Impart best technical education through well balanced curriculum in harmony with the modern IT industry needs.

• Inculcate ethics and research capabilities in the young minds so as to be consistently recognized by the society and industry.

• To produce skilled graduates with leadership and managerial qualities for adapting to global environment.

NEWS LETTER- 2022 - 2023

DEPARTMENT OF IT

TESTIMONIAL

List of Faculty

Dr. M.Rekha Sundari,	Associate Professor & HOD
Prof. P. Padmaja,	Professor
Dr. N.Sharada,	Associate Professor
Dr. Ram Prasad Reddy Sadi,	Associate Professor
Dr. A. Anupama,	Associate Professor
Dr. V. Suresh,	Assistant Professor
Dr.. 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. 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
Ms.D.Chandrika,	Assistant Professor
Mrs.Prathi Naveena,	Assistant Professor
Mrs B Vasanth Rani,	Assistant Professor

FACILITIES IN THE DEPARTMENT

No. of class rooms :	08
No. of Software labs:	Project lab
	Web Technologies Lab
	Java & DBMS Lab
	Networking Lab
	Sales force Lab
No. of Hardware labs :	IOT Lab
	Micro processor Lab

FACULTY ACHIEVEMENTS

Prof. P.Padmaja
- She done FDP on "Practical aspects of ICT Tools & Online Teaching in Current Scenario".

Dr. M Rekha Sundari
- She was the Session chair in the "5th International Conference on Soft Computing and Signal Processing(ICSCSP-2022) springer.
- She done an online short term course on curriculum Development processes by NITTTR Chandigarh.
- She also finshed an online short term course on curriculum Development Processes by NITTTR Chandigarh, and ML and DSausing python FDP by Eand ICT warangal and ANITS.

Dr. Ram Prasad Reddy Sadi
- He completed 3 credit course "Accreditation of Undergraduate Engineering Programme" with consolidated score of 87% conducted by Swayam.
- He was awarded for IJCDS-Journal Paper Reviewer.
- He completed NPTEL course "Introduction To Machine Learning" with consolidates score of 72%.
- He has attended a conference "Third International Conference on Robotics, Intelligent Automation and Control Technologies (RIACT 2022)" onIntelligent Palm Harvesting System with Unmanned Aerial Vehicle.
- He has attended a conference "11th International Conference on Internet of Everything, Microwave Engineering, Communication and Networks (IEMECON 2023)" on An Energy Efficient Routing Protocol based on Melioration in Distributed Energy Efficient Clustering.
- He has written a chapter and patent on "Intelligent Coconut Harvesting System"under the Taylor & Francis Publications.
- He done an FDP on Introduction to Machine Learning
- He done an FDP on Machine Learning to Deep Learning: A Journey for Remote Sensing Data Classification
- He done an FDP onGeo-data Sharing and Cyber Security
- He done an FDP onMaster Class on Machine Learning
- He done an FDP on Practical Aspects of ICT Tools & Online Teaching in Current Scenario

Dr. A Anupama
- She has successfully passed the Talent Next certification assessment and is recognized as a mentor for project based learning in JAVA J2EE which was held in Wipro.
- She has published a journal on "An Improved Locality Sensitive Hashing- Based Recommender Approach in a Distributed Environment" on website- link.springer.com.
- She has published a journal on "Image –Based Content Recommendation System with CNN" on website- ieeexplore.ieee.org.
- She has published a journal on "Semi-Supervised Label Propagation Community Detection on Graphs with Graph Rural Network"on website- ieeexplore.ieee.org.
- She has published a journal on "Exploring Graph Embeddings for Making Recommendations Using Graph Neural Networks" on website- ieeexplore.ieee.org.
- She completed NPTEL course "Database Mangement Systems" with consolidates score of 63%.
- She achieved an FDP Optimization Techniques:Theory,Practice and Emerging Applications
- She achieved an FDP on Amazon Web Services
- She achieved an FDP On Advanced Computer Vision:Application to Food and Image Processing

Dr. Ch. Demudu Naidu
Publications:
- He has written a Journal "Bayesian Selective median filtering for reduction of Impulse noise in Digital color Images" Published in "International Journal of Image and Graphics", 2023.
- He has been declared qualified for the "Degree Doctor Of Philosophy in COMPUTER SCIENCE AND SYSTEMS ENGINEERING on the thesis entitled "NOVEL FILTERING METHODS TO IMPROVE NOISE REDUCTION IN DIGITAL COLOR IMAGES "
Under the guidance of 1) Research Director: PROF. S. PALLAM SETTY.
2)Joint Research Director: PROF. M. JAMES STEPHEN.
Date of Registration: 13-04-2018.
Date of Completion: 14-09-2022.
- He was awarded with Ph.D, by Andhra University on 16th September 2022.
- He has written a book "Filtering Methods to remove noise in digital color images" under "GCS PUBLISHERS", June 2022.

Dr. V Suresh
- He done an FDP onGeo-data Sharing and Cyber Security
- He done an FDP onPedagogy to develop quality initiatives : A student - centric learning
- He done an FDP onNetwork Security Analysis using Wireshark,Snort and SO
- He done an FDP onML and DS using python FDP by E and ICT warangal and ANITS
- He done an FDP onDATA ANALYTICS WITH PYTHON
- He done an FDP onPractical Aspects of ICT Tools & online Teaching in current scenario
Publications:
- He has written a Journal "Implementation of Hidden MorkovModel(HMM) for Parts of Speech Tagging in Telugu Language" Published in "IERJ-International Education & Research Journal", 2022.

Mrs. V.Annapoorna
- She has done FDP on "Optimization Techniques:Theory,Practice and Emerging Applications" and "Amazon web services".

FACULTY ACHIEVEMENTS

Mrs. J S V Sai Hari Priyanka
• She achieved an FDP on training program/workshop on "Practical aspects of ICT tools & online Teaching in current scenario".
• She achieved an FDP on Data science using python.

Mr.Prasadu Reddi
• He completed NPTEL course "Database Mangement Systems" with consolidates score of 72%, Topper of the Batch.
• He has attended a conference "10th International Conference on Recent Trends in Computing (ICRTC-2022)" onFatality Prediction in Road Accidents Using Neural Networks.
• Geo-data Sharing and Cyber Security
• He achieved a certificate in the NPTEL platform on the course DBMS.
• He achieved an FDP on "Data science using python".

Mrs.A.Surekha
• She was certified for completing "Introduction To Internet Of Things", NPTEL.
• She achieved an FDP on training program/workshop on "Practical aspects of ICT tools & online Teaching in current scenario".
• She achieved an FDP on Data science using python.

Mrs. G Vijaya Lakshmi
• She completed NPTEL course "Python for Data Science" with consolidates score of 70%.
• She achieved an FDP on "Universal Human Values".

Mrs.K .Swathi
• She achieved a FDP on Python for Data Science.
• She achieved a FDP on Deep Learning.

Mrs. K.Alekya
• She achieved a FDP on Python for Data Science.
• She achieved a FDP on Research Methodology

A Durga Praveen Kumar
● He completed Microsoft certification on "Introduction To Programming Using Python" with consolidated score of 81%.
● He is performing an FDP on Data science using python.

Mr. Ravi Gorli
• He completed NPTEL course "Introduction To Internet Of Things" with consolidates score of 75%, Silver Badge.
• Data Analytics with Python

Mrs. M.Swathi
• She has done FDP on "Java Full Stack".
• She has done FDP on "Data Science 2.0".
• She has done FDP on "Digital Supply Chain".

Mrs.A.Bhanusri
• She has done FDP on "Machine Learning to Deep Learning: A Journey for Remote Sensing Data Classification".
• She has done FDP on "Amazon Web Services".

Dr. P Satish Kumar
● He completed "Professional Ethics and Sustainability" of NIIIT certified by AICTE.
● He completed "Orientation towards Technical Education and Curriculum Aspects" of NIIIT certified by AICTE.
● He has done FDP on "Machine Learning to Deep Learning: A Journey for Remote Sensing Data Classification
● He has done FDP on "Security Aspects in Computer Science And its Apllications
● He has done FDP on "Wireless Network

U.GAUTAMI
● She raised a proposal to SEED Grant for research work and got sanctioned a budget of 1 Lakhrupees to accomplish the project on "Smart IOT Communication System and Circuits."
● She got selected in "Summer Faculty Research Fellow Programme-2022 by QIP-CEP" conducted by IIT Delhi from 06-06-2022 to 29-07-2022.
● She has successfully completed the TalentNextcertification assessment and is recognized as a mentor for project based learning in JAVA J2EE which was held by Wipro.
● She has successfully completed assessment on "Internet of Things" , and secured 4 /5 points in ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI , SLA

FACULTY ACHIEVEMENTS

● She published a journal on "Investigation of Information gain and Chi test Feature selection methods in dimensionality reduction using machine Learning for drug discovery"(2022) ,indexed in Scopus (Thomson Reuters)
● A Patent work published on Arid Land Monitoring and Applying Changes in Rural Areas to Resolve the Societal Issues Using AI and IoT Technologies" with reference no :202141053772 and issue date:10/12/2022.
● She completed STTP on "Advanced Engineering Optimization through Intelligent Techniques" during 26th-30th Sept conducted by SVNIT,Surat.
● "Satellite Remote Sensing of Atmosphere"
● Advanced Engineering Optimization Through Intelligent Techniques
● "Geo-data sharing and Cyber Security"

P Naveena

• "Advanced machine Learning- Applications and Challenges" Sponsored by Ministry of Electronics and Information Technology, organized by NITW.

• Four day International webinar conference on "Recent Trends in Mathematical sciences and applications".
• She has done FDP on "Artificial Intelligence Machine Learning and Deep Learning Applications"

Ms.Chandrika Dadhirao

She completed NPTEL course "Introduction To Internet Of Things" with consolidates score of 60%.
• She has attended a conference "Third International Conference on Robotics, Intelligent Automation and Control Technologies (RIACT 2022)" on Intelligent Palm Harvesting System with Unmanned Aerial Vehicle.
• She has attended a conference "11th International Conference on Internet of Everything, Microwave Engineering, Communication and Networks (IEMECON 2023)" on An Energy Efficient Routing Protocol based on Melioration in Distributed Energy Efficient Clustering.
She completed NPTEL course "Database Management System".
• She has done FDP on "Amazon Web Services".

Publications:

• She has written a Journal "Ameliorate the performance using soft computing approaches in wireless networks" Published in "International Journal of Electrical and Computer Engineering", 2023.

Mrs. B.Vasantha Rani

• Patent on "Solar power generation forecasting using ensemble approach based on deep learning and statistical method"-10th Dec,2022.

STUDENT ACHIEVEMENTS

Coding contest in RADIAN 2K22
● Vinson of IT Department II/IV ,Secured 2ndplace in the event.

Highest Packages (2019-23) Batch:

● SaiVardhanMudunuru was selected for amazon AWS with a 20LPA
● SaiVivekPotnuru was selected for amazon AWS with a 20LPA
● SumanthSrungavarapu was selected for amazon AWS with a 20LPA
● AditiSanyal was selected for amazon AWS with a 20LPA
● Sri SaiTejaBrundavanam was selected for amazon AWS with a 20LPA
● Sai Deepak Busireddy was selected for amazon AWS with a 20LPA
● GurukrupaVenkataSaiSreejaMayapalli was selected for amazon AWS with a 20LPA
● DevakiJyothirmayeeKandula was selected forAccolite with a 11LPA
● TaranSaiDevarasetti was selected for Accolitewith a 11LPA
● BuradaYogeshwararao was selected for Tiger Analytics with a8.5LPA
● ShanmukhaSaiSreeTejaNalluri was selected for Tiger Analytics with a8.5LPA
● RonankiSaiVineela was selected for Tiger Analytics with a8.5LPA
● Sai Bharat Chitluri was selected for MuSigmawith a 7.5LPA
● FazleenAnessa None was selected for MuSigma with a 7.5LPA
● VinayChowdaryKaturi was selected for MuSigmawith a 7.5LPA
● VyshnaviKesari was selected for MuSigma with a 7.5LPA
● Anil kumarKondapalli was selected for MuSigma with a 7.5LPA
● Tarun Vishal Rajabhaktula was selected for MuSigma with a 7.5LPA
● SatyaMeghanaThatikonda was selected for MuSigma with a 7.5LPA
● VishnupriyaVattikunta was selected for MuSigmawith a 7.5LPA
● ChaitanyaAllamsetti was selected for MuSigma with a 7.5LPA
● SirishaAllarapu was selected for MuSigma with a 7.5LPA
● PratibhaMeghanaAmarakota was selected for MuSigma with a 7.5LPA
● Yoganandha Reddy was selected for MuSigma with a 7.5LPA
● GowthamaSarmaGajulapalli was selected for MuSigma with a 7.5LPA

FACULTY ACHIEVEMENTS

- NymishaKillamsetty was selected for MuSigma with a 7.5LPA
- KovidMandava was selected for MuSigma with a 7.5LPA
- Vinay Kumar Veeramallu was selected for MuSigma with a 7.5LPA
- NamrataVellanki was selected for MuSigma with a 7.5LPA
- SaiKeerthiGorle was selected for MuSigma with a 7.5LPA
- SravaniPothula was selected for MuSigma with a 7.5LPA
- HareshBhogi was selected for MuSigma with a 7.5LPA
- Krishna TejaVuppalapati was selected for MuSigma with a 7.5LPA
- UmamaheshAmmanaganti was selected forMuSigma with a 7.5LPA
- PenkyRohitKanth was selected for MuSigma with a 7.5LPA
- BeharaSandeep Kumar was selected for MuSigmawith a 7.5LPA

317126511030 - Indrani Sai Pranavi got a Gold Medal Academic Topper on 2021-2022

Sports:
- P.Sharmila   1st prize in carroms (girls) conducted on the occasion of sports day.
- PardhaSaradhi and team   1st prize in volley ball conducted on the occasion of sports day.
- M.Prasanna ,R.Nanditha,R.Niharika,S.Vineesha 1st prize in throw ball conducted on the occasion of NSS Daywhich was conducted on 22nd and 23rd Sept 2022.
- SiyadriVyshnavisecured 65(All India Rank) in All India Inter University Shooting Championship in 2022.
- G.Sourav Srinivas and M.Chandu secured 3rd place in badminton in inter college games and sports held in andhra university.

OTHER ACHIEVEMENTS:

- Manju Vunna 4th year secured 2k consultation in 3day bootcamp on cyber security followed by national level hackathon on ethical hacking conducted by vignan institute of engineering for womens on october 2022.

- R. Sai Vineela 4th year secured 2k consultation in 3day bootcamp on cyber security followed by national level hackathon on ethical hacking conducted by vignan institute of engineering for womens on october 2022.

- Anshul Rana 4th year secured 2k consultation in 3day bootcamp on cyber security followed by national level hackathon on ethical hacking conducted by vignan institute of engineering for womens on october 2022.

- Aditi Sanyal 4th year secured 2k consultation in 3day bootcamp on cyber security followed by national level hackathon on ethical hacking conducted by vignan institute of engineering for womens on october 2022.

- A. Chaitanya from 4th year secured best visual treat -2 in neural hack which was conducted by virtusa in september 2022.

- B. Yogananda from 4th year secured first prize - INR 30,000 in citizen hack which was conducted by miracle software systems in october 2022.

- M. Kovid from 4th year securedfirst prize - INR 30,000 in citizen hack which was conducted by miracle software systems in october 2022.

- R. Sai Vineela from 4th year secured first prize - INR 30,000 in citizen hack which was conducted by miracle software systems in october 2022.

EVENTS ORGANIZED

1.Workshop

Google Android Development with **Kotlin Workshop** conducted on 28th July 20222 in Interactive session with hands on experience This event is very useful to students and knowledgeable to everyone. This type of events are helpful to students to create their ideas own android applications using kotlin.

Campus Specific Training

M.V. Kishore has taken the training session to the students and explained the topics on PHP, AngularJS and other topics like Sessions etc.

Ch Demudu Naidu has taken the training session to the students and explained the topics of Data Structures such as Trees etc.

K. Swathi has taken the training session to the students and discussed the basic concepts of DBMS and different industrial related queries like JOINTS etc

Mr.Durga Praveen Kumar has taken the training session to the students on Front-End Development and explained topics of HTML, CSS, JS and Bootstrap and some important topics like Client-Side and Server-Side Validations along with some industry related questions.

Mrs. V. Annapoorna has taken the training session to the students and explained the topics in DBMS such as Normalization Overview, and queries such as Simple, Nested, Co-Related Queries etc.
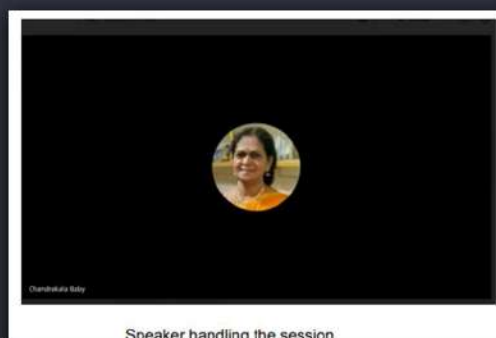
Mr. G. Ravi has taken the training session to the students and discussed the concepts of Graphs such as Spanning Trees and other topics such as Breadth First Search & Depth First Search etc.

2.NSS UNIT

3.Intellectual Property Rights- Basic Concepts

Department of Information Technology organized a Seminar on **"Intellectual Property Rights- Basic Concepts"** on 25th August 2022 from 2:00 PM-3:00 PM in Online Mode. The resource person is Professor **N.B.ChandraKala, Dept. Of LAW,** Sri Padmavathi Mahila Viswa Vidyalayam, Tirupathi. The seminar was attended by 67 Faculty and Student members of the Information Technology Department. The Speaker was heartily welcomed by **Dr. SatishKumar Patnala,** Assistant Professor of the Information Technology Department. The Speaker started her lecture with the points which are comes under Intellectual Property
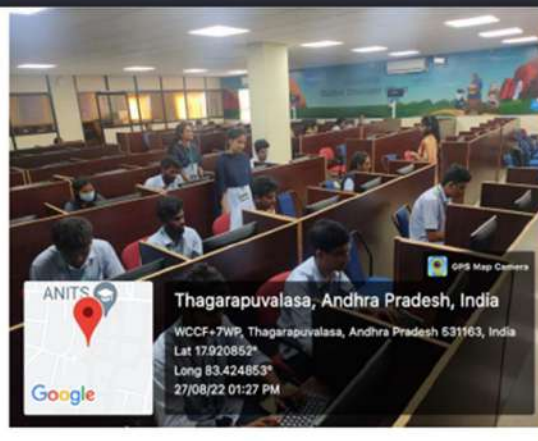

Speaker handling the session

4.UI/UX Club Event

The UUX club of Information Technology has conducted its first event "**Design what you think!**" on 27 August 2022. This event was held at Salesforce lab in Department of information Technology. The total number of students registered are 22 in number. The number of students participated in the event are 11. The Introduction about the event was initially given by **D. Chandrika (Faculty Coordinator)** and was then followed by explaining about HTML and CSS. The theme for the event was "Engineers Day". All the participants were actively engaged in designing their pages with their creative thoughts. The main theme for the event was to create a web page using HTML and CSs which emphasises the theme of Engineers day. Participants were allowed to use any kind of images and content in their webpage. The judge for the event is **Dr. Ram Prasad Reddy Sadi** Associate Professor, Department of IT. Sir has seen all the participants web pages and chosen one winner and one runner among the 11 participants and E-Certificate has been sent through mail rest all the participants.
Winner: M.Chandu(II/IV IT)
Runner: PALLE TARUN KUMAR (III/IV cSE/CSD/CSM-A)

5.Code-zy (National Level Hackthon) :

Code-zy is an Event conducted by the Coding Club on 10 September ,2022. It is a National Level Hackathon and candidates from all across India have took part in the Contest. The event is conducted in Online mode and is Proctored in such a way that no other tab can be opened after starting the Contest and the candidate will not be able to select, copy or paste anything. 652 participants made up to the Event. The winners are picked up by analyzing the time taken to solve the challenges and their efficiency of the program

Winners:

- CHEKURI HEMA(G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE FOR WOMEN (GNITS))
- BHUVANESHWARI APPAM (G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE FOR WOMEN (GNITS))
- KesavanVinod Kumar (VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY (VIIT))
- Neelapu Sri Sidartha Reddy (VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY (VIIT))
- BUDDHA HARSHA VARDHAN (Anil Nerukonda Institute of Technology & Science (ANITS))
- ChakradharKamminana (VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY (VIIT))
- M Shirisha Reddy (G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE FOR WOMEN (GNITS))
- Shruti (G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE FOR WOMEN (GNITS))
- HariBalaji (SRI KRISHNA COLLEGE OF TECHNOLOGY)
- SRI PHANI MOHITH REDDY VEMPADA (Anil Nerukonda Institute of Technology & Science (ANITS))

Vignan Hackathon

Summary:

Code-zy is a coding event conducted by the coding club on 10th September, 2022. It is a National Level Hackathon and candidates from all across India have took part in the Contest.The event is conducted in Online mode and is Proctored in such a way that no other tab can be opened after starting the Contest and the candidate will not be able to select, copy or paste anything. The winners are picked up by analyzing the time taken to solve the challenges and their efficiency of the program (with the EDYST Platform).

The following are the pictures captured during the event

6.NATIONAL INFORMATION TECHNOLOGY DAY - SEPT 20TH 2022

The National Information Technology day the third Tuesday of September was celebrated in the department of Information Technology, ANITS, tagarapuvalasa, Visakapatnam. The Principal Prof.K.Sri Rama Krishna, HoD of the dept Prof P.Padmaja and chief guest Jyothsna Kumari Kasa, Lead Test Engineer, Digital Business Automation,IBM Hyderabad graced the event. The chief guest while addressing the student fraternity expressed that 3A technology, Artificial Intelligence, Analytics and Automation will rule the IT field in future. She also highlighted the academic courses available to students and adults in IBM.

The Principal of ANITS suggested the students to be multitalented and to live the life not only with Information Technology but also with Inner Technology.HoD Prof P.Padmaja highlighted different achievements of the department and also thrown light on role of IT professionals towards societal development.HoD and Principal felicitated the chiefguest.

Academic toppers, students grabbed jobs with High Packages, Distinguished Alumni, winners of various events from different clubs like Coding club, Voice club, UI/UX club, Entrepreneurship club, Sports club, Recreation club were awarded certificates and Prizes.A News Letter with all the events of clubs was released on this special day. The Program ended with spectacular cultural events.

7. My TEDx Talks- be a speaker

My TEDx Talks-be a speaker is an Event conducted by the voice Club on 13 October,2022. Students had to totally speak a spot ted talk and they were given a span of 5min before start of 2nd .Initially we have around 35 student registrations through offline from IT department of ANITS college but due to some problems, finally 24 members were attended the event in physical mode. In 1 st round participants attempted the talk for given topics under the supervision of Mrs. P. Naveena Madam and Mrs. G. Vijaya Laxmi Madam. Based on the communication Winners and Runners are awarded.

Winners of the event:
1. P. Revanth Surya (321126511L37)
2. K. Vasuta (A21126511131)
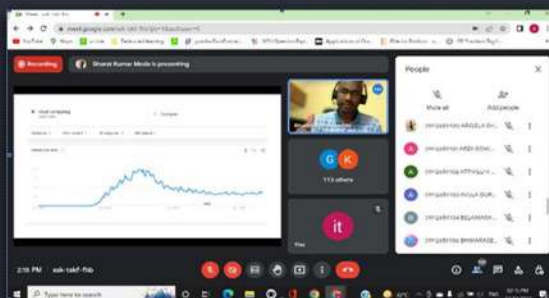3. M. Venu Madhav (A21126511034)

Runners of the event:
1. G. Venkatesh (321126511L34)
2. M. Janardhan (A21126511104)
3. R. Pavan Satyanarayana (A21126511182)

8.Cloud Computing

This session was organized to explore the recent buzzword "Cloud Computing" in the IIT world on 22-10-2022(Online) in IT Department. The session was organized by Mr. Bharat Meda, Software Engineer in Manager, Zoom. During this session, the following content was delivered to the students.
i. Quick Introduction
ii. Let's start an online business
iii. Datacenter?
iv. Intro the clouds
v.Understand "…as a service"
vi. Cloud computing career opportunities.

9.Entrepreneurship club

The Entrepreneurship club from the department of information technology proposes to conduct an event called "Market Mario" on 02 /11 /2022.

EVENT OBJECTIVES: 1. The event enhances the marketing abilities in the student. 2. The event helps build the confidence to share their own ideas in a creative way. 3. The event helps increase the ability to work in a team. 4. The event can grow the student's research ability. 5. The event can brush up the student's presentation skills.

10.Navarathri Pooja

The Department of Information Technology hosted the Navarathri Pooja event, started by offering prayers to Goddess Durgamatha, the event was well attended by

all the enthusiastic students, faculty and staff members in traditional grooming. Faculty members decorated aarti thali and performed the pooja to make the event successful.The Principal Prof.K.Sri Rama Krishna joined and wished the Department of Information Technology staff members on the occasion of Navarathri 2022-23. Sir addressed that first of all; let me take this wonderful opportunity to wish you all a Happy Duesshara in advance. May this year bring you all happiness, good health, and cheer. Hope this Navarathribrings the positivity, and also, he suggested to be safe and healthy and looking forward to see the success of faculty in their research work and students will perform good in their Academics and placements.

11.FUNATHON

FUNATHON is an Event conducted by the sports Club on 18th Novemeber, 2022 to 22nd November,2022 . Funathon is an event designed to dig out the curiosity and talent of students in sports. The motto of this event is to build an environment where students can enjoy and play. Sport is good for physical and mental health. It helps to develop leadership skills and equip them with the ability to set goals and build character. Participating in sports can lead to higher self-esteem and better social interaction. It also helps students have a positive outlook on life. This event is exactly designed to achieve the positive outlook in students which they very much need in the current world.
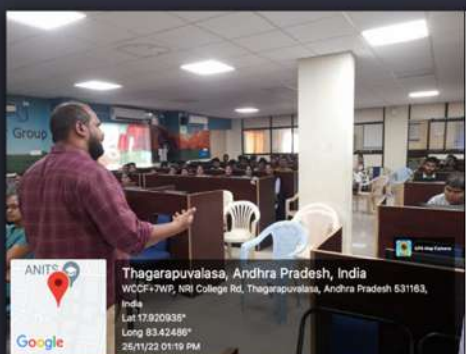

12.Induction Programme

Topic: Career opportunities in their respective core fields, IT and opportunities in general, Central / state services, Public sectors, & Opportunities in higher education avenues GATE, CAT , GRE etc.+ entrepreneurship. & Personality development (Attitude / leadership etc) /motivational lectures
Faculty Name: G.PandiSamuel ,A.DurgaPraveen, Asst.Prof,IT
Date and time: 25/11/2022 and 12:00 -2.00 PM

Mr. Pandit Samuel, Asst.Professor, Department of IT energized the session with various career opportunities available for the students after completion of their graduation were also discussed extensively. and alternative options like post-graduation, taking up GATE/CAT/GRE examination and pursuing higher studies, alternative career paths like being a blogger, content developer, online marketer , web designer etc. and even being a tech-based entrepreneur.

Mr. A Durga Praveen kumar, Asst professor, Department of IT, presented overall summary report of placements from Last five Years and also explained recruitment process and List of Companies that are visited to campus. He had explained CRT trainings, mode of preparation for placements and Recruitment process for company wise.

Mr. Reddi Prasadu and Dr. CH D Naidu , Dept. Exam Coordinators, Information Technology , ANITS have addressed the 1st Year Students on the occasion of the Induction Programme on 26-11-2022 from 10.00 am to 11.10 am regarding Evaluation System and Grading System in ANITS for integrated assessment of students performance through examinations.

Information has been given to students about paper publication in various journals and conferences. Suggested them to publish papers in reputed journals. Also given information about journal cost and time to publish the papers. Tell them the necessity to publish a paper.

Information has been given about projects like mini projects, Internship projects, Main projects. The points like evaluation of projects i.e Rubrics and the way of allocating projects, the way of allocating project guides, duration of the project, viva-voce, selecting best project are explained in detail to the students. Also, Information has been given about startup ideas, patents.

Education (OBE) is a student-centric teaching and learning methodology in which the course delivery, assessment are planned to achieve stated objectives and outcomes. It focuses on measuring student performance i.e. outcomes at different levels.

13.Code Cats

Code Cats is a coding event conducted by the coding club on 15th December, 2022.It is a college level event conducted for all IT students of 2nd Year and almost all the students from all the sections have actively participated in this event. The event is conducted in the salesforce lab and the test has been conducted in HackerRank as Platform. The club coordinators and volunteers along with faculty coordinator has proctored the exam in person and the participants has been strictly prohibited from committing any kind of malpractice. The winners are picked by analyzing the time taken to solve the challenges and their efficiency of the program (with the HackerRank Platform).

Winners:
1.T. SAI HRUTIK-2/4-IT-A, 2.ABDUL SUBHAN-2/4-IT-A
3.KUMAR ANGARA-2/4-IT-A

14. INDUSTRIAL VISIT

Candela technologies makes a network emulator and stateful mixed network traffic generator to test the performance of network based applications.It is a startup that offers IT solutions as services to clients.They had given a brief explanations about the work they are doing.Stadium networks handle thousands of users. Candela LANforge systems can do large scale over the air testing.Emulate mesh node areas with isolation chambers while LAN forge emulates clients stations.Use graphical controls to emulate physical distance. Students from the 2/4 IT-A has visited on 23-12-2022, Students from the 2/4 IT-B has visited on 16-12-2022, Students from the 2/4 IT-C has visited on 9-12-2022 along with faculty coordinator **Mrs. Vasantha Rani and Dr.P.Satishkumar.**
Objective: To get an industrial exposure among the students.
Outcome: Students have gained knowledge on the functionality of routers, and the usecases in real time. They have also seen the working environment of a software company and the working culture.
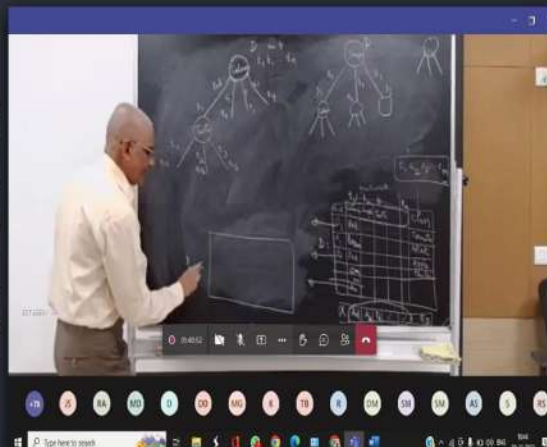

15. INTELLECTUAL PROPERTY RIGHTS

Intellectual Property Rights was conducted on 16-12-22 by the Department of Information Technology, ANITS (A). The key speaker of IPR program is **Mr.Vikas Agarwal, Examiner of Patents and Designs (Group 'A' Gazetted).** He started the event with the Introduction of IPR and also he focused mainly on different types of Intellectual Properties, its utilization and commercialization in the present era. Also he mainly created an awareness on how to write a paper for a patent and also how to do the new invention for a patent, application filling and also the fee details of Patent application fee. He also mentioned about the Designs and their representations, Trademarks, copy Rights and also the examination procedures. He also spoken about Patent offices of different branches in India and also the fee application details and how to get a Patent procedures.

16. FACULTY DEVELOPMENT PROGRAMME on Machine Learning for Data Science Using PYTHON

Department of Information Technology has organized an **ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)** on Machine Learning for Data Science Using PYTHON in association with Electronics & ICT Academy, NIT Warangal from 19th December to 28th December 2022. Total 117 number of Teaching faculty from various colleges around the country has participated in this FDP. The resources persons are from various IIT's and NIT's a shared their informative lectures to the participants. The faculty coordinator for this FDP is **Dr.P.SatishKumar,** Assistant Professor.

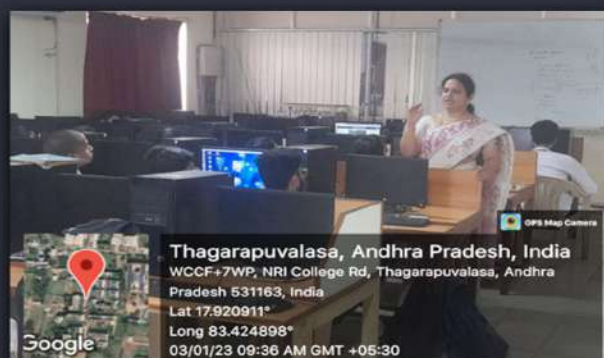## 17.REPORT ON RESEARCH PAPER WRITING SKILLS WORKSHOP

The Workshop inaugurated by Dr.K.Siva Rama Krishna principal, and honored by Dr.M.RekhaSundari I/C head of department.

The Principal Sir Explained the key aspects of research paper and also explained the key roles of Title,Authors,Organization name and address,Abstract, Keywords,Introduction,Literature review, Methodology, Proposedach, Results, Conclusion, References and basic introduction was given by principal sir.

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The detailed explanation of abstract and introduction was given by Dr.S.Ram Prasad Reddy Sadi associate professor.
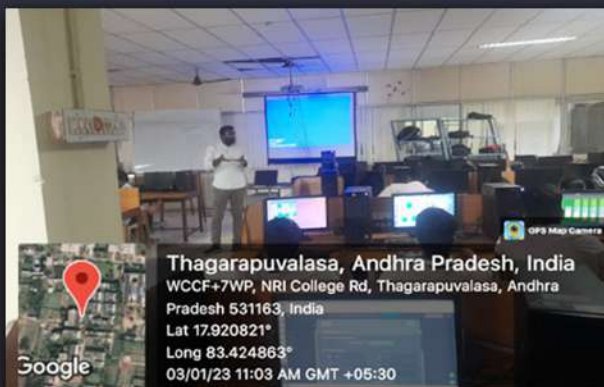
Dr M Rekha Sundari explained about various research papers and journals and gave brief introduction about importance of publishing the research papers, research platforms and about conferences like SEI,IEEE, SCOPUS and other national journals.

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Dr. S Ramprasad Reddy explained Keywords that. A tool to help indexers and search engines find relevant papers. If database search engines can find your journal manuscript, readers will be able to find it too. This will increase the number of people reading your manuscript, and likely lead to more citations.

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The Detailed view of literature survey was given by **Dr.Ch.DemuduNaidu,** Sr.Assistant Professor. He had explained Literature survey that need to identify, evaluate and interpret the work produced by researchers, scholars and practitioners. Need to motivate your work by explaining its social value by providing context of your readers needs to include only one or two years previous papers and start finding solution to those problems.

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The Detailed view of Conclusion and References was explained by **Dr.P.Satish Kumar** assistant professor He had explained the Conclusion that It is intended to help the reader understand why the research matter to them. Need to summarize the thoughts and convey the larger implications and demonstrate the importance of your ideas.

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531163, India
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References: Identifies the source of information used by the essay's author. These are essential for any piece of academic work. They allow the reader to identify and verify the accurate information by locating information source.

18.MOCK INTERVIEWS

The Mock Interviews are conducted for final year students of Batch (2019-· 2023) The order of students selected for panel is based upon CGPA
· Panel wise Mock Interviews are conducted. Each Panel consists of 10
· students. After students for each panel are finalized, a meeting is conducted to give
· rather than asking a formal list of questions.

 Panel-2: Industry Expert: Ch.Sai Teja