

INNOVATA

INSIDE

- Workshop
- Guest Lecture
- Placements
- Student achievements
- Faculty Trainings
- Alumni Interaction

VISION

To become a Center of Excellence in the Information Technology discipline with effective teaching and strong research environment that makes our students globally competitive with strong ethical values and leadership abilities.

MISSION

- * To impart technical knowledge to the students to turn out proficient and well groomed engineers.
- * Motivate students to improve skills by attending training programs and internships that leads to develop innovative projects in emerging technologies.
- * To train our students for higher education, leadership in profession and adopt quality research.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

- * To provide students with a sound foundation in Information Technology theory and practices to analyze, formulate and solve engineering problems.
- * To develop an ability to design algorithms, implement programs and deploy software.
- * To develop Information Technology solutions with the changing needs of the society for the career-related activities.

PROGRAMME OUTCOMES (POs)

PO1	Engineering Knowledge	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO2	Problem Analysis	Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3	Design/ Development of Solutions	Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO4	Conduct Investigations of Complex Problems	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO5	Modern Tool Usage	Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
PO6	The Engineer and Society	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
PO7	Environment and Sustainability	Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	Ethics	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9	Individual and Team Work	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10	Communication	Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO11	Project Management and Finance	Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments
PO12	Life-Long Learning	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

CHIEF EDITOR MESSAGE



Dr. K. Ashoka Reddy,
Principal

It gives me immense pleasure to pen a few words as prologue to our in-house Newsletter exclusively meant for churning out the latent writing talent which bears immense potentiality of sharpening communication skills as part of overall personality development. I congratulate the editorial board of the newsletter for their untiring efforts in collecting and compiling the data without which it would have not been possible to place this newsletter in your hands. I, on behalf of KITSW family, wish you all the best for achieving greater success and scaling new heights in the future.

Chief Editor:

Dr. K. Ashoka Reddy,
Principal

Editor :

Dr. P. Kamakshi,
Professor & Head,
Dept. of IT

Editor In-charge:

Sri. K. Goutham Raju,
Assistant professor,
Dept. of IT

Student Editor:

Sri. P. Sri Ramya
B18IT025

EDITOR MESSAGE

My hearty congratulations and best wishes to one and all. I would like to welcome you all, to the Twenty first edition of newsletter from Department of Information Technology. It is our aim to communicate with all our stakeholders about the activities going on in the Department. Throughout the newsletter you will see various activities in the department, student and faculty achievements during this semester. We welcome your feedback and would like to hear what you think of this newsletter.



Dr. P. Kamakshi
Professor & HOD

DETAILS OF WORKSHOP & GUEST LECTURE CONDUCTED

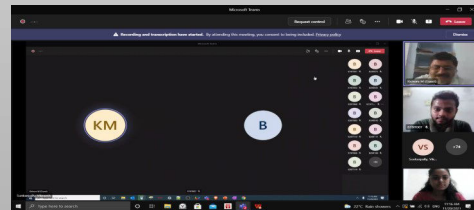
WORKSHOP ON “UNDERSTANDING MACHINE LEARNING ”

No. of Participants: 116
 Coordinator: Mr. T. Maresh Kumar
 Date: 09.09.2021
 Resource Person: Mr. M. Saketh Reddy,
 Chief Technical Officer, Codegnan IT Solutions Pvt.Ltd.,
 Hyderabad



GUESTLECTURE ON “DEVOPS IN IT COMPANIES-IAC ”

No. of Participants: 100
 Coordinator: Mr. A. Bhaskar
 Date: 20.11.2021
 Resource Person: Mr. Vikranth Sunkarapally,
 Advisor-Azure DevOps, Dell Technologies, Hyderabad.



PLACEMENTS

Following is the list of placed students who have received offer letters from the companies.

S. No	Roll No.	Name of the Student	Selected for company
1	B18IT002	PIDUGU SANITH KUMAR REDDY	DXC
2	B18IT003	KASANAGOTTU MANOJ KUMAR	DXC
3	B18IT008	KURUPATH SNEHITHA	DXC
4	B18IT011	PANJALA SHIVANI	DXC
5	B18IT013	HARSHA NANDAN AMBHATIPALLY	DXC
6	B18IT014	CHALLA NIVITHA	DXC
7	B18IT016	PULLURU SAHAJA	DXC
8	B18IT021	VELPULA REETHIKA	DXC
9	B18IT025	PEDDAPALLY SRI RAMYA	DXC
10	B18IT028	PASHIKANTI PRANATHI	DXC
11	B18IT030	ELISHALA KAVYA SRI	DXC
12	B18IT032	KARRE SOUMYA	DXC
13	B18IT033	BYREDDY ASLESHA REDDY	DXC
14	B18IT038	M HARISH KUMAR	Value Labs
15	B18IT039	KONDA DHARMATEJA	DXC
16	B18IT044	AKKALADEVI SAMSKRUTHI	DXC
17	B18IT052	THADEM VENKATESH	DXC
18	B18IT053	POOSA SREE CHANDANA	DXC

STUDENT ACHIEVEMENTS

Following is the list of students who finished NPTEL courses

S.No	Roll No.	Name	Topic	Certificate Awarded
1	B18IT009	P.Ganesh Reddy	Scientific Computing using MaTLab	Elite
2	B18IT009	P.Ganesh Reddy	Numerical Methods	Elite
3	B19IT014	M.Vyshnavi	Problem Solving through Programming in C	Elite
4	B18IT025	P.Sri Ramya	Programming in Java	Elite

FACULTY TRAINING ACTIVITIES

Dr. P.Kamakshi:

1. Faculty Development Program on Machine Learning on Cloud from 19-07-2021 to 24-07-2021 by 360DigiTMG, India. Sponsored by TASK.
2. Two-day Awareness Workshop on Improving Research & Performance Outcomes", Elsevier's Zoom Webinar, 31 August, 2021.

Dr.T.Senthil Murugan:

1. Attended CII Education conference on "Innovation in Learning", organized by Confederation of Indian Industry during 29-30 June 2021 (AICTE Recommended)
2. 1 week online FDP, Online Elementary FDP on Cyber Security and Incident Analysis: A Practical and Investigative approach from 19-07-2021 to 23-07-2021 at Andhra University College of Engineering (A) Sponsored by AICTE - ATAL.
3. 1 week Online Elementary FDP on "Blockchain Technology & Its Applications" from 06-09-2021 to 10-09-2021, AICTE Training And Learning (ATAL) Academy at Malviya National Institute of Technology, Jaipur.
4. 1 Week Online Elementary FDP on "Development and applications of Sensors in Modern life" from 25-10-2021 to 29-10-2021, AICTE Training and Learning (ATAL) Academy at NIT Arunachal Pradesh.
5. 1 Week Online Advanced FDP on "Internet of Things and Human-Computer Interaction" from 08-11-2021 to 12-11-2021, AICTE Training And Learning (ATAL) Academy at National Institute of Technology Goa.

B.Kiran Kumar:

1. Attended CII Education conference on "Innovation in Learning", organized by Confederation of Indian Industry during 29-30 June 2021 (AICTE Recommended) .
2. week FDP on Data Science using Python, 19-07-2021 to 30-07-2021 at Finland labs (A Unit of Revert Technology Pvt. Ltd.).

A.Bhaskar:

1. 2 Weeks Instructor Led Live Online Faculty Development Program on "Artificial Intelligence & Machine Learning Using Python" held during 31st May - 11th June 2021 organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd.)
2. Attended CII Education conference on "Innovation in Learning", organized by Confederation of Indian Industry during 29-30 June 2021 (AICTE Recommended).

Y.Bhavani:

1. 2 Weeks Instructor Led Live Online Faculty Development Program on "Artificial Intelligence & Machine Learning Using Python" held during 31st May - 11th June 2021 organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd.)
2. Attended CII Education conference on "Innovation in Learning", organized by Confederation of Indian Industry during 29-30 June 2021 (AICTE Recommended)
3. Participated in IP Awareness/Training program under National Intellectual Property Awareness mission on February 03, 2022, organized by Intellectual Property Office, India.

S.B.Swathi:

1. 2 Weeks Instructor Led Live Online FDP on "Data Science Using Python", 19-07-2021 to 30-07-2021, Finland Labs (A Unit of Revert Technology Pvt. Ltd.).

M.Kishore:

1. Attended CII Education conference on "Innovation in Learning", organized by Confederation of Indian Industry during 29-30 June 2021 (AICTE Recommended).
2. Workshop on Faculty Development Program on "Machine Learning on Cloud", from 19 -07-2021 to 24-07-2021, TASK & 360DigiTMG, India.
3. 1 week Online Elementary FDP on "How to Exploit (Secure) Web Applications", 26-07-2021 to 30-07-2021, AICTE Training and Learning (ATAL) Academy at The NorthCap University.
4. One week online Elementary FDP on "Blockchain Technology and Cryptocurrency", from 23-08-2021 to 27-08-2021, AICTE Training and Learning (ATAL) Academy at NIT Agartala.
5. AICTE-ISTE Approved orientation /Refresher Programme on "Embedded System, IOT Pervasive Computer" held during 06-12-2021 to 11-12-2021 organized by Talla Padmavathi College of Engineering, Kazipet, Warangal,Telangana.
6. ATAL Academy Online Elementary FDP on "Data Sciences" from 27/12/2021 to 31/12/2021 at Dr.Harisingh Gour Vishwavidyalaya Sagar M.P.

Sri. R. Gautam:

1. Attended CII Education conference on "Innovation in Learning", organized by Confederation of Indian Industry during 29-30 June 2021 (AICTE Recommended)
2. R.Gautam, 30 Hours FDP on Applied Machine learning, AI and Its Applications using Python, 03-07-2021 to 15-07-2021 at Eduxlabs and association with E-Cell IIT Hyderabad.
3. R.Gautam, 30 Hours FDP on Deep Learning and Computer Vision in Image and Video Analysis, 12-07-2021 to 27-07-2021 at Eduxlabs and association with E-Cell IIT Hyderabad.

Sri. Mahesh Kumar Thota:

1. 1 week Online Elementary FDP on "IoT with Smart City" from 13-09-2021 to 17-09-2021, AICTE Training And Learning (ATAL) Academy at Government Polytechnic Daman.

Dr. K. Praveen Kumar:

1. 1 Week Instructor Led Live Online Training On "Internet of Things Using Raspberry Pi" held during 18-10-2021 to 22-10-2021, Organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd., New Delhi)
2. 1.5 Week NPTEL FDP, "Introduction to Internet of Things", (July - October 2021)

Sri. K. Goutham Raju :

1. Attended CII Education conference on "Innovation in Learning", organized by Confederation of Indian Industry during 29-30 June 2021 (AICTE Recommended).

FACULTY TRAINING ACTIVITIES CONTD..

Dr. K. Deepika:

1. AICTE ATAL Academy online Elementary FDP on "Industrial Internet of things (IIOT) and Transition to internet of Brains (IOB)" from 20/09/2021 to 24/09/2021 at Don Bosco Institute of Technology.
2. AICTE ATAL Academy online Elementary FDP on "Data science: Tools and Techniques" from 29/11/2021 to 03/12/2022 at International Management Institute Bhubaneswar.

Ms. Sangeetha Singarapu:

1. AICTE ATAL Academy online Elementary FDP on " Internet of Things(IOT)-A practical Approach" from 6/12/2021 to 10/12/2021 at Maharaja Surajmal Institute of Technology.

Smt. Sobiya Sabahat:

1. Workshop "Embedded Systems - An Application Driven Approach" 25-08-2021 to 27-08-2021 organized by the AICTE, ATAL Academy, STMICROELECTRONICS and Arm Education.

Ms. Potlapally Sree Lakshmi:

1. 3 days' workshop "Embedded Systems - An Application Driven Approach", from 25-08-2021 to 27-08-2021, The All India Council for Technical Education (AICTE), ATAL Academy, STMICROELECTRONICS and Arm Education.

Sri. N. Rajender:

1. Online Advanced FDP on "Fog and Edge Computing Challenges and Research Directions" from 26-10-2021 to 30-10-2021, ATAL Academy at National Institute of Technology Sikkim.

Smt. Vijayalaxmi Gopu:

1. 1 week STTP on "Technology Enabled Learning", from 20-09-2021 to 24-09-2021, National Institute of Technical Teachers Training and Research, Kolkata, Ministry of Education, Govt. of India.
2. 1 week STTP on "Artificial Intelligence", from 04-10-2021 to 08-10-2021, National Institute of Technical Teachers Training and Research, Kolkata, Ministry of Education, Govt. of India.
3. 1 week STTP on "Mobile and Wireless Networks", from 25-10-2021 to 29-10-2021, National Institute of Technical Teachers Training and Research, Kolkata, Ministry of Education, Govt. of India.
4. 1 week STTP on "Introduction to Data security", from 08-11-2021 to 12-11-2021, National Institute of Technical Teachers Training and Research, Kolkata, Ministry of Education, Govt. of India.
5. 1 week STTP on "Advance Programming in C", from 15-11-2021 to 19-11-2021, National Institute of Technical Teachers Training and Research, Kolkata, Ministry of Education, Govt. of India.
6. 1 week STTP on "Fundamentals of Image Processing", from 22-11-2021 to 26-11-2021, National Institute of Technical Teachers Training and Research, Kolkata, Ministry of Education, Govt. of India.

Following is the list of students who have published papers in various conferences

S.No	Name of the students	Published in National/International Conference
1	A. Ruthvik Reddy, G. Mythri Reddy	International

ALUMNI INTERACTION



Alumni of I.T. Department, Mr. Keerthi Anurag (2015-2019 batch), working as Solution Architect in Nokia, interacted with students on 20.11.2021



Alumni of IT Department, Mr. A. Shivaram (Batch 2012-2016), working as Software Developer in L&T Infotech visited the Department and interacted with students on 25.11.2021.



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

Opp: Yerragattu Hillock, Village: Bheemaram, Mandal: Hasanparthy, Warangal, Telangana, 506015.

Estd. 1980