

NEWS BITES



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VOL-25

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Inside This Issue:

- Department Events
- Department Guest Lectures /Faculty As Particiapted In Faculty Development/Training Achievements/STTPS./Student Articles.
- Placements.



NRI INSTITUTE OF TECHNOLOGY

INFORMATION TECHNOLOGY



VISION OF THE INSTITUTE

To produce professionally Excellent, Knowledgeable, Globally Competitive and Socially responsible Engineers and Entrepreneurs.

MISSION OF THE INSTITUTE

M1	Providing Quality Education through state-of-art Infrastructure, Laboratories and Committed Staff.
M2	Establishing a continuous Industry - Institute Interaction, Participation and Collaboration to contribute Skilled Engineers.
M3	Involving Faculty members and Students in Research and Development to become globally competitive and for the betterment of the Society.
M4	Developing Human values, social values, Entrepreneurship skills and Professional Ethics among the Technocrats.



NRI INSTITUTE OF TECHNOLOGY

INFORMATION TECHNOLOGY



VISION OF THE DEPARTMENT

Empower Information Technology students with outstanding skills, well-informed, globally-minded, and socially-conscious engineers and innovators

MISSION OF THE DEPARTMENT

M1	Provide a comprehensive and up-to-date curriculum to empower students with excellent IT skills and knowledge.
M2	Cultivate a global perspective by exposing students to international IT trends and practices.
M3	Create an entrepreneurial ecosystem that nurtures innovative thinking and encourages IT students to become successful entrepreneurs.
M4	Promote ethical practices and social responsibility in the IT industry.



NRI INSTITUTE OF TECHNOLOGY

INFORMATION TECHNOLOGY



PROGRAM EDUCATIONAL OBJECTIVES(PEOs)

PEO 1	Excel in applying technical knowledge to develop practical IT solutions for real-world challenges.
PEO 2	Pursue lifelong learning, staying updated with IT advancements and adapting to emerging technologies for industry relevance.
PEO 3	Exhibit strong leadership, teamwork, and communication skills to drive IT projects and achieve common goals effectively.
PEO 4	Empowering IT professionals to work with ethical and social responsibility, driving positive impacts on technology and society.



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PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO 1	Understand and analyze complex problems, design efficient algorithms, and implement software solutions using various programming languages and tools.
PSO 2	Exhibit proficiency in Artificial Intelligence and Machine Learning for providing solutions to real world problems in Industry and Research establishments.
PSO 3	Design, develop, and implement software systems that meet user requirements, considering factors like usability, security, and scalability.



PROGRAM OUTCOMES (POs)

Engineering Graduates will be able to:

1. **Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and computing to solve Information Technology related problems.
2. **Problem Analysis:** Identify, formulate, review relevant research literature, and analyze complex Information Technology problems, arriving at well-founded conclusions by leveraging foundational principles of mathematics, natural sciences, and engineering sciences.
3. **Design / Development of Solutions:** Create solutions for intricate Information Technology challenges and design system components or processes that fulfill specified requirements while giving due regard to public health and safety, as well as cultural, societal, and environmental factors.
4. **Conduct Investigations of Complex Problems:** Investigate complex Information Technology problems using research methods, data analysis, and data interpretation to derive valid conclusions.
5. **Modern tool usage:** Use modern engineering and IT tools, software, and equipment to develop complex software projects efficiently.
6. **The engineer and society:** Apply engineering solutions in a societal context, considering ethical, legal, cultural, economic, and environmental aspects.
7. **Environment and sustainability:** Understand the Impact of Information Technology Solutions in Societal and Environmental Contexts, and Demonstrate the Knowledge of, and need for Sustainable Development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities within the field of information technology.
9. **Individual and Team Work:** Function effectively as an individual and as a member or leader in diverse teams, and multidisciplinary settings.
10. **Communication:** Effectively communicate complex information technology concepts to both IT community and society at large, including the ability to write reports, design documentation, make presentations, and give and receive clear instructions.
11. **Project Management and Finance:** Apply Information Technology and management principles to proficiently manage projects as an individual and leader within software development environments.
12. **Life-Long Learning:** Recognize the need for lifelong learning to remain current in the dynamic IT environment.



EVENTS

ESTABLISHMENT OF HELPING HANDS CLUB



The Helping Hands Club is a compassionate and service-oriented group dedicated to making a positive impact on our community. We unite to extend a helping hand, fostering kindness and collaboration.



EVENTS

NEW ERA



Here's to a bright New Year and a fond farewell to the old; here's to the things that are yet to come, and to the memories that we hold" Let's welcome this year 2023. We all gathered in a cultural event called "begin to new era-2023", on 31 December organised by IT SPARKS Everyone participated enthusiastically.

EVENTS

SANKRANTI SAMBARALU



Sankranthi Sambaralu is an non - technical event the event has organized by “IT- sparks” as the part of this we had conducted some competition like Rangoli ,King kite, sankranthi soggaadu ,sankranthi sundari and etc... By this the students has enjoyed a lot .



EVENTS



SUNRISE 2K23



“SUNRISE-2K23”

Fest of our college,as the part of this all the students of IT Department has participated in technical and Non-technical events. And also IT department has organized some Technical and some Non -Technical Events

Student Article

INNOVATION UNLEASHED

UNLEASHED INNOVATION

"Innovation Unleashed" is a phrase that often conveys the idea of unlocking creativity, breaking through traditional boundaries, and letting innovative ideas flow freely. It's associated with fostering a culture of innovation, where individuals and organizations encourage and embrace new, groundbreaking ideas and approach.

Diverse and Collaborative Teams:

Images of diverse groups of people working together, collaborating on projects, and engaging in creative discussions. This reflects the idea that innovation often thrives in environments where individuals bring varied perspectives and skills.



TEAMWORK MAKES THE DREAM WORK

Lightbulb Moments:

Visuals of lightbulbs or lightbulb icons can represent moments of inspiration and new ideas. This symbolizes the "aha" moments that lead to innovative solutions.

Breaking Chains or Barriers:

Illustrations or graphics depicting the breaking of chains, walls, or barriers to signify the liberation of creativity.



PAPER PUBLICATION

DEPARTMENT OF INFORMATION TECHNOLOGY LIST OF JOURNAL PUBLICATION 2022-23

S.NO	NAME OF THE FACULTY	TITLE	NAME OF JOURNAL	ISSN NO	VOLUME	ISSUE
1	Dr. M. Chaitanya Kishore Reddy	Peculiar Activity Detection in Offline Examinations.	Journal of information and computational science	ISSN NO:1548-7741	Volume-13 Issuse-1	2023
2	Dr. M. Chaitanya Kishore Reddy	Applying Machine Learning Techniques for Customer Segmentation in E-Commerce	Journal of information and computational science	ISSN NO: 0022-1945	Volume-15 Issuse-1	2023
3	Dr.Sk.Mahaboob Basha	"VOICE GENERATED SYSTEM FOR THE BLIND THROUGH REAL TIME OBJECT DETECTION"	Journal of interdisciplinar y cycle research	ISSN NO: 0022-1945	Volume-15 Issuse-1	2023
4	Mr.B.Nagaraju	PATHOGEN DIAGNOSIS USING DEEP LEARNING TECHNOLOG Y	Journal of interdisciplinar y cycle research	ISSN NO:0022-1945	Volume-15 Issuse-1	2023

5	DR.SK.MAHAB OOB BASHA	ANALYZING VIEWER'S RESPONSES THROUGH SENTIMENT ANALYSIS OF YOUTUBE VIDEOS COMMENT SECTION	Journal of information and computational science	ISSN NO:1548- 7741	Volume-13 Issuse-1	2023
6	DR. M. CHAITANYA KISHORE REDDY	DIGITAL MODEL FOR AVERAGE FUEL CONSUMPTI ON IN VEHICLES USING ANN	The international journal of analytical and experimental model analysis	ISSN NO: 0886-9367	Volume-15 Issuse-1	2023
7	DR.Sk.Mahaboob Basha	DESIGNING A RECOMMEN DED SYSTEM FOR PRODUCT MANUFACTU RER	The international journal of analytical and experimental model analysis	ISSN NO: 0886-9367	Volume-15 Issuse-1	2023
8	Mr. B. NAGA RAJU	CALCULATE DRIVERS DROWSINES S WHILE DRIVING USING CNN	Journal of engineering.co mputer & architecture	ISSN NO: 1934-7197	Volume-15 Issuse-1	2023

9	DR. M. CHAITANYA KISHORE REDDY	DETECTION OF FRAUDULEN T APPLICATIO NS USING SENTIMENT ANALYSIS AND MACHINE LEARNING	The international journal of analytical and experimental model analysis	ISSN NO:0886- 9367	Volume-15 Issuse-1	2023
10	MR.B.NAGARAJ U	IDENTIFICA TION OF HYPOCRISY IN CREDIT CARDS USING SMOTE AND MACHINE LEARNING ALGORITHM S	The international journal of analytical and experimental model analysis	ISSN NO:0886- 9367	Volume-15 Issuse-1	2023
11	Dr. SK. MAHABOOB BASHA	TELECOM CUSTOMER CHURN PREDICTION USING MACHINE LEARNING METHODS LIKE RANDOM FOREST AND GRADIENT BOOSTED TREES	Journal of engineering,co mputer & architecture	ISSN NO:1934- 7197	Volume-13 Issuse-1	2023

12	MR.B.NAGARAJ U	SYMBOLIC LANGUAGE RECOGNITION USING CONVOLUTIONAL NEURAL NETWORK	The international journal of analytical and experimental model analysis	ISSN NO:0886- 9367	Volume-15 Issue-1	2023
13	Dr. M. CHAITANYA KISHORE REDDY	DIAGNOSIS OF HEREDITARY ILLNESS	Journal of interdisciplinary cycle research	ISSN NO:0022- 1945	Volume-15 Issue-1	2023
14	Mr. A. GOPALA KRISHNA	ACCIDENT PREVENTION SYSTEM TO DETECT POTHoles AND UNNOTICEABLE HUMPS IN ROADWAYS WITH FASTER R- CNN	Journal of engineering,computer & architecture	ISSN NO:1934- 7197	Volume-13 Issue-1	2023
15	Dr. Sk. Mahaboob Basha	IMAGE SURVEILLANCE USING DEEP LEARNING	Journal of engineering,computer & architecture	ISSN NO: 1934-7197	Volume-13 Issue-1	2023

16	Mr. A. Gopala krishna	CLOSED CIRCUIT TELEVISION CAMERA AND OPENCV BASED AUTOMATED ATTENDANCE SYSTEM USING HAAR CASCADE AND LBPH ALGORITHM	Journal of interdisciplinary cycle research	ISSN NO:0022 -1945	Volume-15 Issue-1	2023
17	Mr. A. GOPALA KRISHNA	IMAGE PREPROCESSING FOR NATURAL IMAGE USING HYBRID FILTERING	Journal of engineering,co mputer & architecture	ISSN NO: 1934- 7197	Volume-13 Issue-1	2023
18	Mr. A. RAVI KIRAN	STATISTICAL ANALYSIS ON NETWORK USING DECISION TREE CLASSIFIER	Journal of interdisciplinary cycle research	ISSN NO:0022 -1945	Volume-15 Issue-1	2023
19	Mr. NAKKA NARSIMHA RAO	HATRED DETECTION SYSTEM	The international journal of analytical and experimental model analysis	ISSN NO:0886 -9367	Volume-15 Issue-1	2023

20	Mr. Ch. Kiran Babu	HAND GESTURE MUSIC CONTROLLER	Journal of interdisciplinary cycle research	ISSN NO:0022-1945	Volume-15 Issuse-1	2023
21	MR. CH. KIRAN BABU	PREDICTION OF MISSING VALUES USING CART	Journal of engineering, computer & architecture	ISSN NO: 1934-7197	Volume-13 Issuse-1	2023
22	MR.RAVI KIRAN AALA	SIMPLIFYING TASKS REDUCING CONGESTION: AUTOMATTIC TRAFFIC LIGHT MANAGEMENT SERVICES USING A REINFORCEMENT ALGORITHM.	Journal of engineering, computer & architecture	ISSN NO: 1934-7197	Volume-13 Issuse-1	2023
23	MR.V.Srinivas	THREAT ANALASYSIS THROUGH MACHINE LEARNING	The international journal of analytical and experimental model analysis	ISSN NO:0886-9367	Volume-15 Issuse-1	2023
24	DR.CHAITANY A KISHORE REDDY	HEALTH EXAMINER USING MACHINE LEARNING	Journal of interdisciplinary cycle research	ISSN NO:0022-1945	Volume-15 Issuse-1	2023



PLACEMENTS

S.No	RollNo	Branch	Name of the Student	Placed Company
1	19KN1A1201	IT	AAKIREDDY BHANU PRAKASH	HCL (Smart Brains)
2	19KN1A1205	IT	BONTHALA GUNA SAI GOWTHAM	HCL (Smart Brains)
3	19KN1A1206	IT	CHERRY PEARS TANANKI	Sutherland
4	19KN1A1207	IT	CHOKKARA ANJALI	HCL (Smart Brains)
5	19KN1A1208	IT	DARAPUNENI SAI NATH	Turing Minds
6	19KN1A1209	IT	DASARI YAMINI	CADSYS
7	19KN1A1210	IT	DHARMAVARAPU DURGA PRASAD REDDY	HCL (Smart Brains)
8	19KN1A1211	IT	DUPATI UJWALA	HCL (Smart Brains)
9	19KN1A1213	IT	JANJANAM PAVANI	CADSYS
10	19KN1A1214	IT	KOLA JYOTHIKA VALLI	Virtusa & Nala Robotics(4L)
11	19KN1A1215	IT	KALANEEDU LAVANYA	Virtusa & Kodnest
12	19KN1A1216	IT	KANDULA MURARI	Sutherland
13	19KN1A1217	IT	KARAGANI SAI BABU	HCL (Smart Brains)
14	19KN1A1219	IT	REDDY UMA MAHESWARA	GalaxE Solutions

15	19KN1A1220	IT	KOTHA YESHWANTH	Virtusa & TCS Digital & Nala Robotics(4L)
16	19KN1A1221	IT	CHAITANYA MACHINENI	HCL (Smart Brains) & BIT LABS
17	19KN1A1222	IT	MADALA SUPRIYA	Astoria Tech & SLK
18	19KN1A1223	IT	MADU NAVYA	HCL (Smart Brains)
19	19KN1A1224	IT	MARREDDY YUVATEJA REDDY	TCS Ninja
20	19KN1A1225	IT	MEDEPALLI THIRUMALA RAO	HCL (Smart Brains)
21	19KN1A1226	IT	MOHAMMAD NIHAAL NAAZIM	IBM
22	19KN1A1227	IT	MOHAMMAD TANWEER	Kodnest
23	19KN1A1228	IT	MOHAMMAD ZAINAB FARHEEN	CSS Corp(Movate)
24	19KN1A1229	IT	MOTHINENI BHAVYA SRI	Sutherland
25	19KN1A1230	IT	NARALA ASWANI	Virtusa & Kodnest & BIT LABS
26	19KN1A1231	IT	NEKKALAPUDI JAYANVI	Virtusa
27	19KN1A1232	IT	NERUSU MANASA LAKSHMI	Sutherland
28	19KN1A1234	IT	ODUGU LAHARI	Kodnest

29	19KN1A1235	IT	PALIPOGU VIKAS	HCL (Smart Brains)
30	19KN1A1237	IT	PINNIBOINA SRINIVASA RAO	Sutherland
31	19KN1A1238	IT	POLISETTI VENKAYARYA RAMYA	Sutherland & GLOBAL QUEST
32	19KN1A1241	IT	SAI KIRAN AKUNURU	Techouts & BIT LABS
33	19KN1A1243	IT	SHAIK ALI RASOOL	HCL (Smart Brains)
34	19KN1A1244	IT	SHAIK ZEENATHUNNISA	Virtusa & IBM
35	19KN1A1245	IT	RIFATH SYED	Virtusa
36	19KN1A1246	IT	TADIPARTHI SANKAR BABU	GalaxE Solutions
37	19KN1A1247	IT	TALAM NAVYA SREE	Turing Minds & HCL (Smart Brains)
38	19KN1A1248	IT	TAMARAKOLANU HEMANTH	Sutherland
39	19KN1A1249	IT	TATIKONDA TEJASWINI	Techouts & CSS Corp(Movate)
40	19KN1A1250	IT	TENNETI VENKATA RAMA SAI CHANDRALEKHA	Virtusa
41	19KN1A1251	IT	THOKALA SAMSON	Sutherland

42	19KN1A1253	IT	TIRUVEEDHULA RAVI TEJA	Kodnest
43	19KN1A1254	IT	UPPALAPU SAI SYAM	Virtusa & GLOBAL QUEST
44	19KN1A1255	IT	VALLABHANENI HARIKRISHNA	Kodnest
45	19KN1A1256	IT	VASAKULA ROHIT	Sutherland
46	19KN1A1257	IT	VELPI SIRISHA	Nala Robotics(4L)
47	19KN1A1258	IT	VELURI DEVA RAJESH	HCL (Smart Brains)
48	19KN1A1259	IT	VUPPALAPATI HARI PRIYA	Kodnest & Sutherland & BIT LABS
49	19KN1A1260	IT	YAKKATI MONIKA	Sutherland
50	19KN1A1261	IT	YARAM SIDDARTHA	Turing Minds
51	19KN1A1262	IT	YARRA NAGA DEEPIKA	Kodnest
52	19KN1A1263	IT	YARRAMSETTY Y VENKATA SUBRAMANYA SAI	HCL (Smart Brains)
53	19KN1A1264	IT	YELI AKHIL	SLK
54	20KN5A1202	IT	JONNALAGADDA BHANU PRASAD	SkillBuz
55	20KN5A1203	IT	KANAMARLAPUDI TEJESWAR	Virtusa
56	20KN5A1204	IT	SURE GANESH	SLK
57	20KN5A1205	IT	THALAKONDA CHENNA RAO	HCL (Smart Brains)



MOU's

Details Of MoU's

S.NO	NAME OF THE ORGANIZATION	SERVICE PROVIDED BY THE ORGANIZATION
1.	RK COLLEGE OF ENGINEERING	Workshops/Seminar/FDP
2.	HMI Engineering Services, Vishakapatnam	Internship/Workshop/Seminar
3.	BLACKBUCK ENGINEERS ,HYDERABAD	Internship/Workshop/Seminar
4.	ADVITA GLOBAL -IT LABS ,Pvt.Ltd,Hyderabad	Internship/Workshop/Seminar
5.	Myra Academy	TRAINING AND PLACEMENT



