SRI INDU

INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Institution, Accredited by NAAC with A+ Grade

Recognized under2(f) of UGC Act 1956.

(Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad)

News Letter

For the department of

CSE

Bi-Annual News Bulletin

Volume: 01	Jan-Jun, 2022	Issue: 01

NEWSLETTERS PUBLISHED BI ANNUALLY AND CIRCULATED AMONG FACULTY AND STUDENTS. IT IS ALSO POSTED ON THE COLLAGE WEBSITE.
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Chairman Message

It gives me joy unspeakable to affirm that Sri Indu Group of Institutions, having completed 39 years successfully, has grown into one of the best institutions in the one of the leading Groups in Hyderabad, T.S.

Our Institute is an Institution Recognized under 2(f) of UGC Act 1956, Approved by the All India Council of Technical Education (AICTE) Affiliated to JNTUH.

As everyone is aware of the fact that there is unprecedented advancement in the academic research and industry Without an iota of doubt it is to be admitted that the field of engineering and technology has undergone radical changes.

That the sound engineering education is synonymous with a better standard of living has become a catchy adage of the day.

Sri Venkat Rao, M.A, B.Ed.,
CHAIRMAN

Secretary Message

It is my personal observation that the students are perhaps at the most difficult crossroads of their life after their intermediate examinations.
The decision they make at this juncture is going to have a long lasting impact on their future life career. A competent, qualified, experienced and responsible head of the institute can only operate with a vision towards development of an institution.

He is as much instrumental as the engine of train. Our well-equipped laboratories such as laboratories with the computers having high-end configuration, the internet facility, Wi-Fi enabled campus state of the art of the library with national and international journals and magazines certainly create a congenial ambience for an ideal engineer in the making to growl am really happy that despite slowdown of economy.

Sri.R. Anup Chakravarthy
SECRETARY

Principal's Message

It is with great pleasure that web ring youth e Bi-Annual news letter of Sri Indu Institute of Engineering and Technology. This edition of the Newsletter reports the significant activities carried out by Students, Faculty and Alumni in the areas of Teaching and Learning, Research and Development and Industry Interaction. The staff and students will get more recognition when the awards/achievements they won are publicized through the Newsletter. It would definitely be an inspiration and motivation for other students and staff to scale newer heights. I am sure that publishing a newsletter of this sort containing the achievements of the SRI INDU family will be recognition to them. I wish them all the very best for future endeavours.

Dr.I.Satyanarayana
M.Tech (IIT-KGP)., Ph.D.,FIE.,
MISTE., MISHMT.
Principal.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

HOD Message

Dr. Bethapudi Ratnakanth is currently working as Professor and Head, Department of CSE in Sri Indu Institute of Engineering and Technology, Hyderabad. He is a graduate of B.E from Andhra University in 1997, and obtained his Master of Engineering from Swami RamanandaTeertha Maratwada University, Nanded, Maharashtra in 2000 and he has awarded with Ph.D from Andhra University in the area of Blockchain Technology in 2021. He has Rich experience of 22 years in Teaching and Research and administration in various reputed engineering colleges. His area of interest includes Blockchain, Network security, image processing and Internet of Things. He has published over 21 papers in national, international journals and published three patents.

Dr.B.Ratnakanth
B.E, M.E, Ph.D.
Professor& Head CSE

DEPARTMENT VISION

To become a prominent knowledge hub for learners, strive for educational excellence with innovative and industrial techniques so as to meet the global needs.

DEPARTMENT MISSION

DM1	To provide ambience that enhances innovations, problem solving skills, leadership qualities, decision making, team-spirit and ethical responsibilities.
DM2	To impart quality education with professional and personal ethics, so as to meet the challenging technological needs of the industry and society.
DM3	To provide academic infrastructure and develop linkage with the world class organizations to strengthen industry-academia relationships for learners.
DM4	To provide and strengthen new concepts of research in the thrust area of Computer Science and Engineering to reach the needs of Government and Society.

PROGRAM EDUCATIONAL OBJECTIVES (PEO's)

PEO1	To develop trained graduates with strong academic and technical skills of modern computer science and engineering.
PEO2	To promote trained graduates with leadership qualities and the ability to solve real time problems using current techniques and tools in interdisciplinary environment.
PEO3	To motivate the graduates towards lifelong learning through continuing education and professional development.

PROGRAM SPECIFIC OUTCOMES (PSO's)

| PSO1 | **Professional Skills:** To implement computer programs of varying complexity in the areas related to Web Design, Cloud Computing, Network Security and Artificial Intelligence. |
| PSO2 | **Problem-Solving Skills:** To develop quality products using open ended programming environment. |

About Department of Computer Science & Engineering

The department of Computer Science and Engineering was established in the year 2007 with an intake of 60 students and increased to 180 in the year 2012. The Department has been maintaining high standards in imparting quality education in Computer Science. Computer Science & Engineering with highly experienced faculty members with highest qualification M.E / M.Tech / Ph.D Degree.

The main objective of the department is to provide a forum in which the participants obtain information about the advanced emerging technologies. Department is involved and aiming at the collaboration process from both industry and academics.

To enhance the quality of learning we move forward for more collaborations and interactions with the industry that helps our students to brace themselves for working in the industry.

Our college has been providing the nourishments of fashioned future of the students from 16 years and it has nurtured students as professionals. The institution leaves an indelible mark on the lives of its students, concerning them to a great career and challenging them to discover and define their functional roles in the industry. We would like to ensure that the students are undertaking the challenging tasks intellectually, socially and technically.

Contact for Any Queries

HEAD OF THE DEPARTMENT

✉ **E-Mail: hodcse@siiet.ac.in**

NATIONAL SCIENCE DAY

National Science Day is celebrated in India on February 28th each year to mark the discovery of the Raman Effect by Sir C.V. Raman in 1928. This day is dedicated to the field of science and its contributions to society. The Raman Effect, which led to Sir C.V. Raman being awarded the Nobel Prize in Physics in 1930, demonstrated the scattering of light and proved that light has both particle-like and wave-like properties.

National Science Day is an opportunity to reflect on the achievements of Indian scientists and the progress of science in the country. It also serves as a reminder of the importance of scientific research in addressing societal challenges and fostering development.
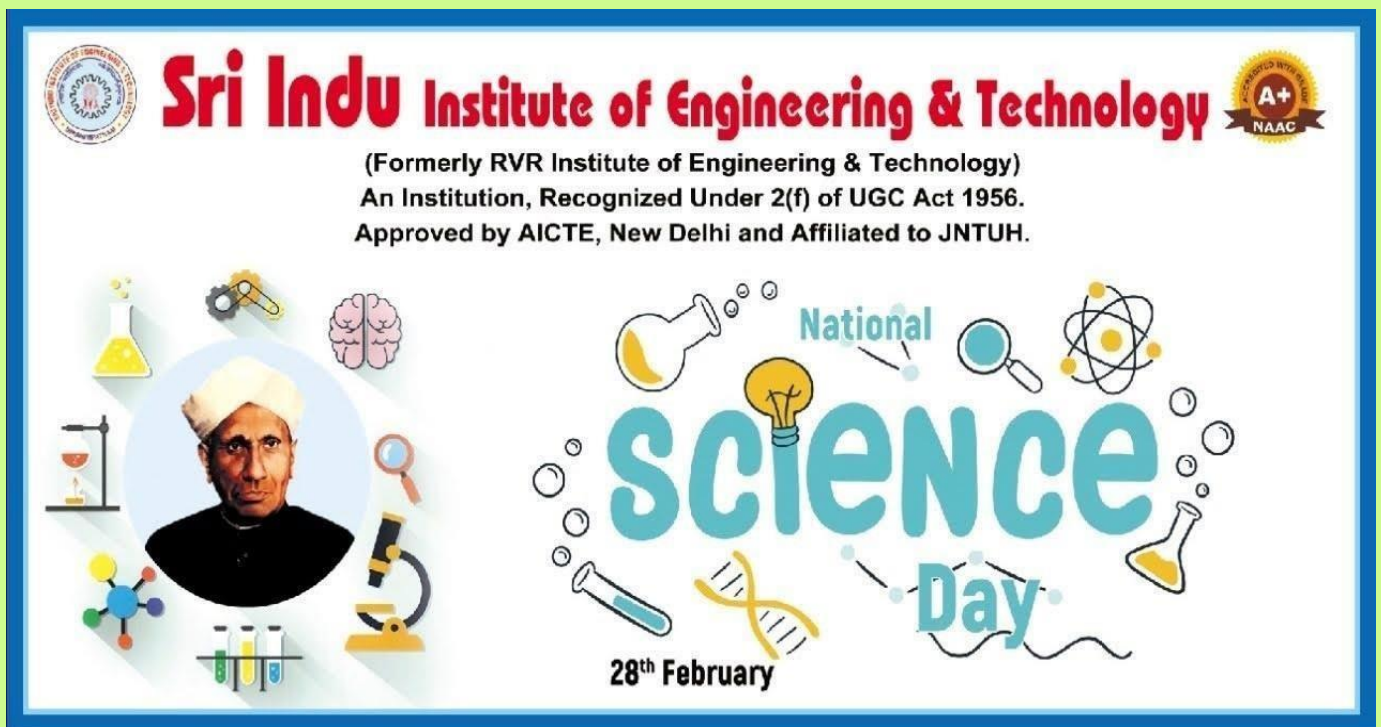
WOMAN'S DAY CELEBRATIONS

International Women's Day is celebrated globally on March 8th each year. It is a day dedicated to honouring and recognizing the achievements and contributions of women in various fields and advocating for gender equality. The day also serves as a reminder of the challenges that women continue to face in many parts of the world.

Each year, International Women's Day is associated with a meth at reflects current global and social issues related to gender equality. The themes often aim to raise awareness, stimulate discussions, and encourage action towards achieving gender parity.

Themes for International Women's Day vary each year, focusing on different aspects of women's rights and gender equality. Common themes include issues such as equal pay, reproductive rights, violence against women, and the overall empowerment of women in various sectors.

TELANGANA FORMATION DAY

Telangana Formation Day is celebrated on June 2nd every year to commemorate the formation of the Indian state of Telangana. On this day in 2014, Telangana officially became the 29th state of India, after bifurcating from the combined state of Andhra Pradesh. The formation of Telangana was the result of prolonged struggle for a separate statehood, driven by socio-economic and cultural differences between the Telangana region and the rest of Andhra Pradesh.

main Road , Sheriguda, Ibrahimpatnam – 501510, Telangana, India

Sri Indu Institute of Engineering & Technology

Lat 17.209664° Long 78.612707°

INTERNATIONAL YOGA DAY

June 21st was chosen for International Yoga Day because it is the summer solstice, which is the longest day of the year in the Northern Hemisphere. The day aims to highlight the importance of yoga in maintaining a healthy lifestyle and fostering a sense of well-being.

Yoga is an ancient practice that originated in India and encompasses physical, mental, and spiritual disciplines. It involves combination of physical postures (asanas), breathing exercises (pranayama), meditation, and ethical principles. The practice of yoga is believed to promote physical strength, flexibility, mental clarity, and inner peace.

INDUSTRY VISIT

Industry visit, also known as an industrial visit or field trip, involves students or professionals visiting companies or organizations to gain practical insights into the functioning of an industry. These visits provide a real-world perspective on the processes, technologies, and operations of a particular sector.

LED chips are typically made from semiconductor materials like gallium nitride (GaN). The semiconductor material under goes epitaxial growth, a process that involves depositing thin layers of crystalline material on to a substrate

Continuous research and development lead to improvements in LED chip technology, including enhanced efficiency, increased brightness, and color accuracy. Advances in chip design and manufacturing processes contribute to the overall performance of LED lighting products.

WORKSHOP ON DBMS

A Database Management System (DBMS) workshop is an educational session or training program focused on teaching participants about the fundamentals, principles, and practical aspects of managing databases.

An overview explaining what databases are their importance and their role in modern applications. Covering the basic concepts of DBMS, including data models (relational, hierarchical, network), schemas, tables, and relationships. Each the participants how to write SQL queries for creating, retrieving, updating, and deleting data from databases.

Normalization is a crucial process that minimizes redundancy and dependency within a database. It ensures that data is organized efficiently and eliminates anomalies that can arise during data manipulation. There are several normal forms (1NF, 2NF, 3NF, BCNF,etc.) that data bases caned here to, each with its own set of rules regarding how data should be structured.

PLACEMENT DAY

Placement Day" typically refers to an event organized by educational institutions or job placement agencies where graduating students or job seekers have the opportunity to interact with potential employers. The main objective of a Placement Day is to facilitate the recruitment process, connecting job seekers with companies that are actively hiring.

విద్యార్థులు లక్ష్యం కోసం శ్రమించాలి

ఇబ్రహీంపట్నం, జూన్ 11 : విద్యార్థులు ఉద్యోగ లక్ష్యమే ధ్యేయంగా కష్టపడి చదివి అనుకున్న లక్ష్య సాధనకు నిరంతరం శ్రమించాలని ఐటీ ఇన్వెస్ట్మెంట్ సీఈవో విజయ్ రంగినేని అన్నారు. శనివారం ఇబ్ర హీంపట్నం మున్సిపాలిటీ పరిధిలోని శేరిగూడ సమీ పంలోని శ్రీ ఇందు ఇంజనీరింగ్ కళాశాలలో 100 శా తం ఉద్యోగావకాశాలతో ప్లేస్మెంట్ డే ను కళాశాల వ్య వస్థాపకులు వెంకట్రావు ఆధ్వర్యంలో ఘనంగా నిర్వ హించారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ హి టాచీ, టాటా, ఇన్ఫోర్సెస్, టీసీఎస్తో పాటు మరో ఇతర కంపెనీల ప్రతినిధులు ఈ ప్లేస్మెంట్ సక్సెస్మీ ట్లో పాల్గొన్నారు. కార్యక్రమంలో ఆర్గనైజేషనల్

జ్యోతి ప్రజ్వలన చేస్తున్న విజయ్ రంగినేని, కళాశాల వ్యవస్థాపకులు వెంకట్రావు

స్ట్రాటజిస్ట్ కృష్ణసాగర్రావు, సెంటర్ఫర్ గుడ్ గవర్నెన్స్ డైరెక్టర్ దేవీప్రసాద్, అకాడమీ ఆఫ్ నాస్కాం ప్లేస్ మెంట్ శ్రీదేవి, కళాశాల ప్రతినిధులు డైరెక్టర్ అశోక్ బాబు, ఆర్ యాదగిరిరావు, సురేశ్ పాల్గొన్నారు.

Sakshi Premier League.

DRUG MENACE AWARENESS PROGRAM

Drug Menace Awareness Program is a comprehensive initiative aimed at educating communities about the risks and consequences of drug abuse, fostering prevention strategies, and providing support to those affected. These programs are crucial in raising awareness, reducing stigma and promoting a collective effort to address the challenges associated with drug abuse.

WORLD CANCER DAY AWARENESS PROGRAM

World Cancer Day is a global initiative that takes place annually on February 4th. The day is dedicated to raising awareness about cancer, encouraging its prevention, detection, and treatment, and mobilizing the global community to take action against this widespread disease. The overarching goal is to reduce the global cancer burden and improve cancer outcomes for individuals and communities worldwide.
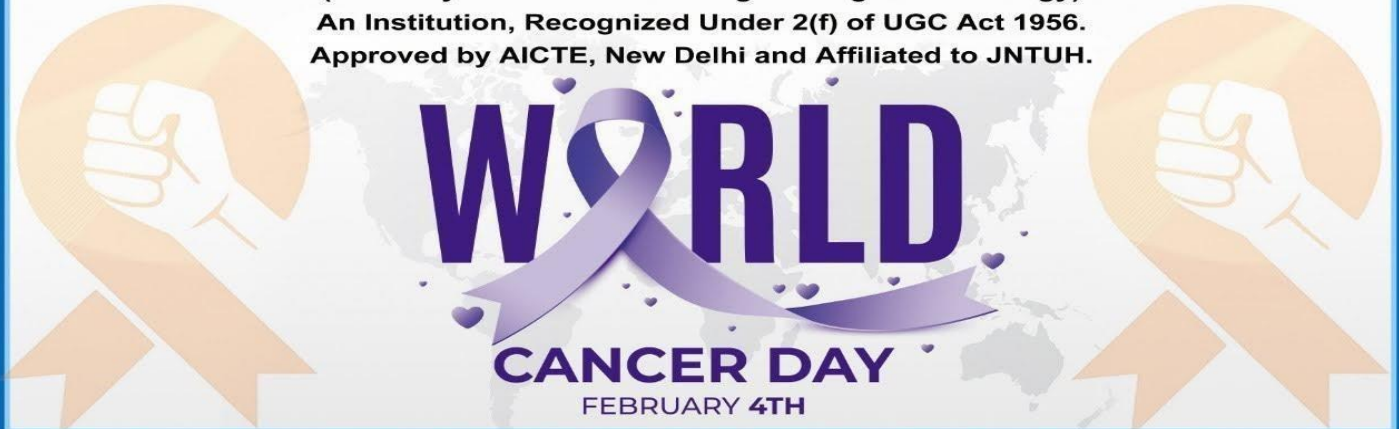
World Cancer Day encourages individuals and communities to get involved through various activities, such as health screenings, educational workshops, and community discussions. It emphasizes the importance of collective action at the grass roots level.

PLACEMENT DETAILS

S.NO	ROLL NUMBER	NAME OF THE STUDENT	NAME OF THE EMPLOYER	DESIGNATION	CTC	APPOINTMENT LETTER REFERNCE NO.
1	18X31A0550	GHATTI LAKSHMIPRAVALLIKA	ENH I SECUREPRIVATE LIMITED	TRAINEEIAM ENGINEER	4,20,000.00	Refno :ENHHR/2021Q3/IS/H13389
2	18X31A05H3	YACHARAM AJAYKUMAR GOUD	DINGIR UNIVERSOVENT URESPRIVATE LIMITED(INTERNSHIP)	JUNIORWEB APPLICATION DEVELOPER	1,50,000.00	HR:12/07/2021
3	18X31A05B6	THANDRABHARATH CHANDRA	QUESTGLOBAL	SOFTWARED EVELOPER	3,00,000.00	HR:2022/06/12
4	19X35A0503	C.ABHILASH	QUESTGLOBAL	SOFTWARED EVELOPER	3,00,000.00	HR:2022/06/19
5	19X35A0516	PABATHIABHILASH	MPHASIS	ASSOCIATE SOFTWAREENGINEER	3,50,000.00	REFNO:MPHTH_CD 2022-1389

ACCREDITED WITH GRADE
A+
NAAC

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IBRAHIMPATNAM

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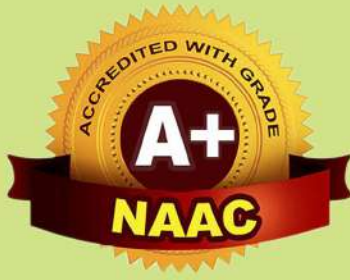
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