News letter

SRI INDU COLLEGE OF ENGINEERING & TECHNOLOGY

(An autonomous institutions)

In Pursuit of Excellence

TECH AWARE

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DEPARTMENT OF CSE

SRI INDU BULLETIN

"Everybody is talented because everybody who is human has something to express"

A "bulletin" is an opportunity for a student to share relevant knowledge and current information about the institution and technology around us.

This also provides the achievements of the department, the events organized by the department to encourage students to showcase their skills and hidden talents.

There are several students who have achieved great recognition not only in our college but also in other collegesfor their skilled efforts towards their passion.

Several students have received high praise not only at our institution but also in other universities for their outstanding efforts in pursuing their interest.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The department of computer science and engineering (CSE) is one of sri indu college of engineering and technology's five departments. There are around 500 students in the department. It boasts a strong mix of faculty from reputable academic and industry institutions. Algorithms, theoretical computer science, computer architecture and organization, systems and networks, databases, and software engineering are some of the courses available. The curriculum for the course covers most of the basic components of computer sciences in order to provide equal weight to applied and theoretical aspects of computing sciences. It intends to improve engineering skills and problem-solving strategies utilizing computing sciences. Aside from typical academic work, the department is involved in industry training, consulting, research, and other professional endeavors. The department focuses on providing and establishing chances for students to engage in different hands-on activities such as laboratories, computer-based projects, and research presentations in order to prepare them for a tough professional world outside. Many software businesses use the department to recruit students for their company through the campus selection process.

VISION AND MISSIONOF DEPARTMENT

VISION

To be a technologically adaptive center for computing by grooming the students as Topnotch professionals.

MISSION

DM1: To offer high quality education in Computing.

DM2: To provide an environment that enables overall development of all stakeholders.

DM3: To impart training and emerging technologies.

DM4: To encourage participation of stakeholders in research and development.

SALIENT FEATURES

- There are 10 different laboratories for ug and2 different laboratories for pg in the department.
- Departmental library consisting of morethan 500 books &magazines.
- Internet accessibility with fortigate utm security device:60mbps.
- Adequate number of computers in college anddepartment.
- Adequate number of system & application software packages.
- Exquisite collection of various technical subjectbooks and
- Subscription to latest computer magazines.
- Extra practical timing for practice and review.

PROGRAM EDUCATIONALOBJECTIVES

PEO 1- Higher Studies Graduate with an ability to pursue higher studies and get employment in the reputed institutions and organizations.

PEO 2- Domain Knowledge Graduate with an ability todesign and develop a product.

PEO 3- Professional Career Graduate with excellence bymultidisciplinary approaches to achieve successful professional career.

PEO 4- Life Long Learning Graduate with an ability to learn advanced skills to face professional competence throughlifelong learning.

STUDENT ACHIEVEMENTS

"Certificate presented to the winner".

Faculty of cse department participated in poster presentation event in our college on the occasion of "**international day for elimination of violence against women**" and **secured 2nd position.**

"A glimpse of international womens day event".

"certificate presentation to student by faculty".

Student receiving participation certificate from facultyfor participating in Hackathon.

"Certificate presentation to iiird year student forsecuring 2nd prize in technical quiz".

PLACEMENTS

Aside from typical academic work, the department is involved in industry training, consulting, research, and other professional endeavors. The department focuses on providing and establishing chances for students to engage in different hands-on activities such as laboratories, computer- based projects, and research presentations in order to prepare them for a tough professional world outside. Many software businesses use the department to recruit students for their company through the campus selection process.

Striving for 100% placements is the leading motto of the Training and Placement Cell. The trainers have more than a decade of experience in understanding the training requirements of undergraduate students and designing program to help students attain career success. Started in response to an emergent need the T&P Cell aims to bridge the gap between the requirements of the corporate and the skill sets that the students acquired during college.

The Goal of Training & Placement Cell of Sri Indu is to be a liaison between Industry and students to provide employment opportunities available in the market and to provide intensive training to the students for their overall development. The institute has provided complete well infrastructure for effective functioning for conducting various activities, which are being undertaken regularly like placement of the students and development programs.

ON THE OCCASION OF INFOSYS CAMPUS CONNECT

“College TPO interaction with students for”.

“Students writing company online technical exam”.

PROJECT EXPO

"Project expo student organizers".

- Project Expo, an event organized in our college to enhance andexhibit the innovative skills of students.
- In this expo, CSE students came up with several revolutionaryconcepts like-
    1. **GANITHAM GURU** – An android app developed with theaim of eradicating mathematics anxiety.
    2. **STUDENT MANAGEMENT SYSTEM** – A website which helps the students in various ways.
    3. **HUMANOID ROBOT**

TECHNOTSAV 2020

Technotsav is a National level Technical Symposium. As a part of 19th Technotsav 2022 the following events have been conducted. Faculty and students have coordinated allthe events successfully.
Various Technical events conducted on Technotsav are:

1. Mock Interviews
2. Paper Presentation
3. Debugging
4. Coding Contests
5. Logical Reasoning
6. Project Expo

The following papers are invited to present:

- Data Science
- Information Security & Cryptography
- Cloud computing
- Internet of Things
- Big Data & Analytics
- Blockchain Technology
- Artificial Intelligence and Machine Learning

TECHNOTSAV POSTER

TECHNOTSAV POSTER

POSTER OF PROJECT EXPO - AN EVENT CONDUCTED AS A PART OF TECNOTSAV

POSTER OF LIVE CONCERT – AN EVENT AS A PART OF TECHNOTSAV

ABHYUDAYA

- A TECHINICAL SYMPOSIUM

In order to ignite the curiosity of students on technology this technical symposium was conducted in our organization.

The various events conducted as a part of this event are:

1. Coding contest

Students were given 2 hours of time to finish 10 questions. The questions were designed on various concepts like Data structures and Algorithms.

2. Paper presentation

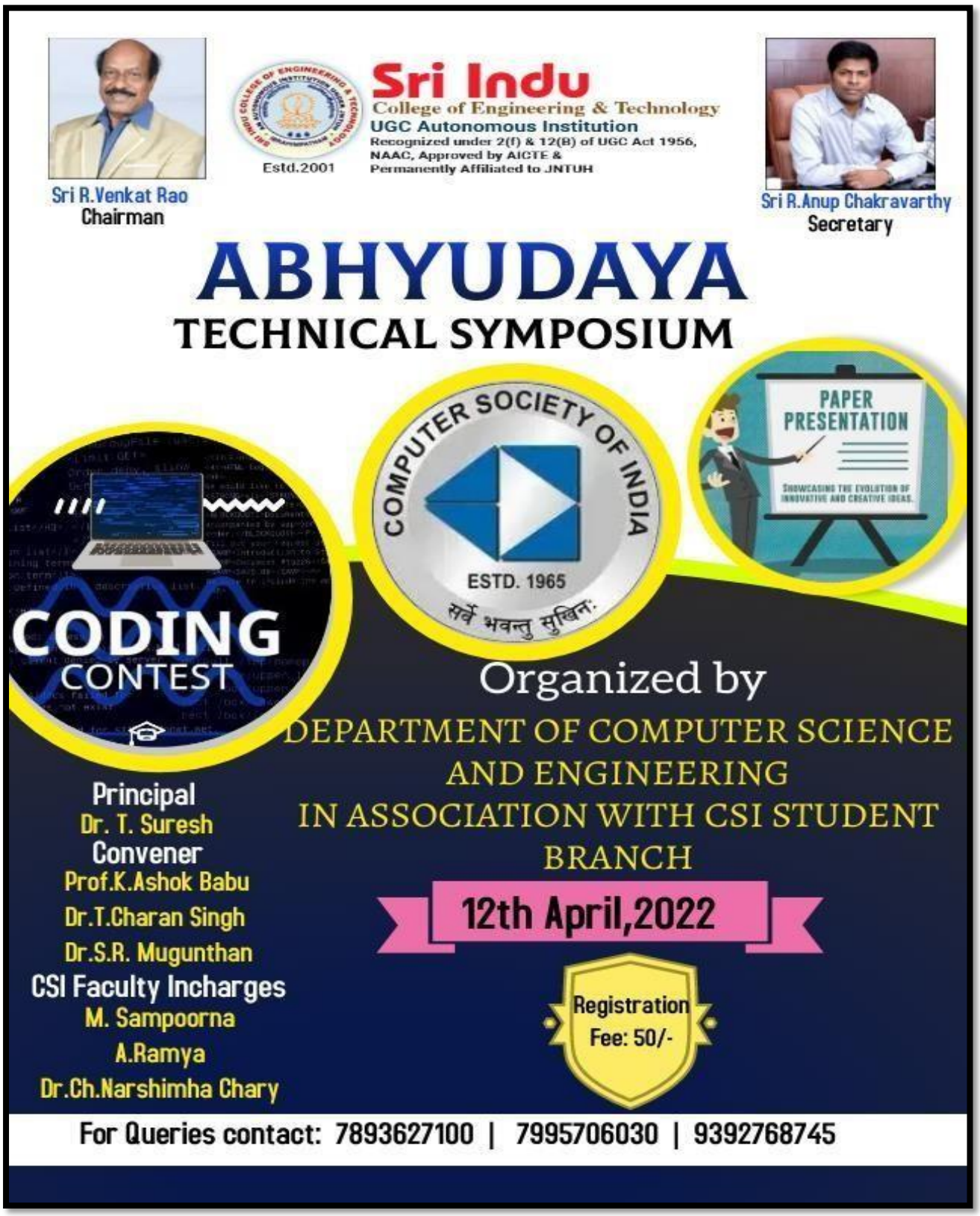
The following papers are invited to present:

- Data Science
- Information Security & Cryptography
- Cloud computing
- Internet of Things Big
- Data & Analytics
- Block chain Technology
- Artificial Intelligence and Machine Learning

"Student organizers and faculty coordinators of csiabhyudaya event".

"Faculty coordinators interacting with students".

POSTER OF THE CSI EVENT ABHYUDAYA



TRADITIONAL DAY

On the 9th of october 2021, our institution had a customary day. The whole teacher and student body dressed in traditional costume. The college celebrates the "bathukamma" festival every year because it is located in the telangana state. "bathukamma" is a nine-day floral festival held as part of the shathavahana calendar. All the women dressup in traditional clothing on this auspicious day. Bathukamma dance is performed in a traditional manner by all faculty members and students at this function. The pots are decked with flowers and float in the shallow open water tank in front of the college campus to symbolize "bathukamma" or goddess parvathy devi.

“Students adorning rangoli on traditional day”.

“Rangoli competion”.

“Students performing dandiya round theholy bathukamma”.

GUEST LECTURES

Poster of guest lecture on different cloudservices.

CLOUD SERVICES

Cloud services are infrastructure, platforms, or software hosted by third parties and made available to consumers over the internet.

Cloud services enable the movement of user data from front-end clients (e.g., users' servers, tablets, desktops, laptops,or anything else on the users' end) to the provider's systems and back. Cloud servicesencourage the development of cloud-nativeapps as well as the freedom of working in the cloud.

Users only need a computer, an operating system, and internet access to use cloudservices.

Cloud computing services include all infrastructure, platforms, software, or technologies that customers may access through the internet without the need forextra software downloads, including the following as-a-service solutions.

‘‘Students attentively listening to the lecture deliverd”.

Poster of guest lecture on rasberry pi and arduino

RASPBERRY PI

Raspberry pi and arduino are two of the most popular boards among electronics diy builders, amateurs, and professionals. The raspberry pi and the arduino are two quite distinct boards. While arduino is designed for rapid programming and circuit prototyping, raspberry pi serves as a computer programming learning tool (but you can find raspberry pi is several diy projects as well). Each board has its own set of benefits and drawbacks. Massimo banzi et al. Created arduino at ivrea, italy. Arduino is an open- source hardware and software electronics prototyping tool. Arduino is essentially a microcontroller development board that allows you to blink leds, receive buttoninputs, read data from sensors, operate motors, and do a variety of other "microcontroller"-related operations. Eben upton created the raspberry pi at the university of cambridge in the united kingdom with the goal of educating and increasing programming abilities among students in impoverished nations. While arduino is a development board based on microcontrollers, the raspberry pi is a computer based on a microprocessor (often an arm cortex a series).

A FEW GLIMPSES OF GUEST LECTURES

“Students exploring the tech world”.

GRADUATION DAY

One of the most important days of your academic career is graduation day. The trip you've already travelled, as well as this particular day, will be celebrated in grand manner. It's that wonderful day when you finally receive your certificate after completing your schooling. That is not the case, though. Graduation day comprises much more than merely putting on a gown andreceiving a diploma. Take into account your entire family's work and sacrifices. Consider all of the professional and personal benefits of obtaining a college graduation. When you're old and grey and reflecting back on your life, graduation day is likely to be one of the memories you'll be most proud of.

Graduation is a time when you can celebrate with the companions you've travelled this path with. Although it is a terrible idea, your classmates will soon go on to new endeavours. While there will be new professions, new study routes, and new travels in your lives, you'll make a commitment to stay in touch. Spend some time telling them this; share memories; and exchange good wishes for the future. Your degree or certification is more than just a piece of paper; it is evidence of your ability to complete tasks and see projects through to completion. When it comes to starting your profession, this is fantastic. That tiny piece of paper is essential whether you're climbing the corporate ladder or starting a family business.

"A glimpse of graduated engineers".

"Our hounarable chairman lightening the lamp".

ORIENTATION DAY

Orientation at your school is more than just a walking tour of the grounds. These sessions might last anywhere between two and seven days. They provide new students an overview of what to anticipate as a college freshman. Here are some things to keep in mind while you attend your college orientation. Tours of the campus and residence halls, discussions about academics and student life, group sessions on topics such as financial aid, informational sessions with representatives from all campus organizations, pre-course exams for math, english, and foreign languagesand, most importantly, you must register for classes with the assistanceof a counselor or staff advisor at the orientation. At orientation, you'll learn a lot about the manyorganizations you may join.

"Students on the event of orientation day".

“Students on the event of orientation day”.

PRESTIGIOUS INSTITUTIONS UNDER THE SAME MANAGEMENT

EAMCET, PG-CET &
ICET Code : **INDU**

Sri Indu
College of Engineering & Technology
An Autonomous Institution

ACCREDITED BY NBA Ministry of HRD, Govt of India

An ISO 9001 : 2000 CERTIFIED COLLEGE

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