



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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VISION

> To be an academic institute of continuous excellence towards education and research in rural regime and provide service to nation in terms of nurturing potentially higher social, ethical and engineering companion graduands.

MISSION

> To foster and promote technically competent graduands by imparting the state of art Engineering education in rural regime.

> To enunciate research assisted scientific learning by dissemination of knowledge towards science, agriculture, industry and national security.



CHAIRMAN'S MESSAGE

"The great growling engine of change - Technology." As a Chairman of Rohini College of Engineering and Technology, I immensely feel proud that our students and faculty of Computer Science have come out with the newsletter. Our college possesses all the qualities of an ideal college. We have excellent course curriculum and faculty members. Our lecturers hold a respectable place in the societies is my firm belief that education is the best way to enlighten young minds and it can only be imparted in a good environment having prosperous thinking.

-Shri.K.Neela Marthandan, Founder Chairman

As a Pro Chairman of Rohini College of Engineering and Technology, I feel proud that our students and faculty of Computer are releasing a newsletter. I can proudly say that our college is the most modern and sophisticated multidisciplinary institution, imparting quality education and providing a wide and varied arena for the staff and students to showcase their academic and extracurricular talents. I would take this opportunity to urge you all to focus on all round development. You should always have your education laced with morality and ethics. You should all remember that, "Honesty is the first chapter in the book of wisdom," and we should inculcate honesty and integrity in all what we do.

"Education is for improving the lives of others and for leaving your community and world better than you found it!"

-Dr. N. Neela Vishnu, MBA, D.Litt., Pro Chairman



PRO CHAIRMAN'S MESSAGE

As the Managing Director of Rohini College of Engineering and Technology, I extremely feel proud that my students of Computer Science have created a newsletter. Our aim is to assist the students in building their skills and becoming proficient. Our institution acts as a bridge between the student's interest and his/her career path. A student can deduce numerous aspects about the industry and therefore, gets ready for the anticipated career challenges. RCET helps to build the technical as well as artistic skills and also in developing one's critical thinking. "Keep your mind open and be ready for anything that college life throws at you. I have my faith in you, you will ace the time. Congratulations and good luck in college."

- Dr. V.M.Blessy Geo., MSc., Ph.D., Managing Director



MANAGING DIRECTOR'S MESSAGE

"Come to learn and go to serve!" As a Principal of Rohini College of Engineering and Technology, I feel very much excited and proud that my students of Computer Science have prepared a newsletter. RCET facilitates to pave the way for the development of both mental and physical health of students. All the teachers are qualified and experienced. They teach us with great care and love. I wish you the best of luck as you head off to college. Changing the world starts here, so make it count. Good luck with your studies!

- Dr.R.Rajesh, ME., Ph.D., Principal



PRINCIPAL'S MESSAGE



HOD'S MESSAGE

The Newsletter is presenting a glimpse of the growth of the institution on many fronts. Our students and faculties have performed exceedingly well and competent enough in all the fields. Beyond academics, the research activities are being conducted. We give students the advantage to lead themselves in any direction they want to proceed in life. Our aim is to create opportunity to the students to become more independent and to take on new responsibilities. "The first stair to failure is ignorance. Keep learning by leaning on the lap of information and you'll take the lead!"

-Mrs.R.Sahila Devi, HOD

CHIEF EDITOR'S MESSAGE



The crucial ingredient for success is perfection. I am overjoyed to have contributed to this newsletter and I commend the team responsible for its creation. No lesson or objective is insurmountable if one starts with determination and perseverance. All that is required is taking the first step. May you make up for any missed opportunities in the previous year and stride confidently into the future. With heartfelt wishes, I hope you achieve greatness.
-Mr. B.Siva Kumar, ME

CSE PRESIDENT'S MESSAGE

As a CSE student, we have always been privileged to have a top-performing and participative culture, and this would not have been possible without the incredible support of our Head of Department and dedicated staff members. Their unwavering encouragement and guidance have enabled us to soar to great heights with fearless wings, and we are forever grateful. With a deep sense of admiration for our department, I extend my heartfelt wishes to all my friends for their future endeavors. May your endeavors be as exciting as your journey in CSE!
-Mr. C.Sabarish



EDITOR'S MESSAGE



VIGNESH P, IV CSE SUJITH B, III CSE SURYA RUPESH, II CSE

As we stand at the threshold of a new chapter, let us reflect on the remarkable journey we've embarked upon together. Life, much like an academic pursuit, is laden with challenges that test our mettle and resilience. It is with great pride and joy that we extend our heartfelt wishes to each and every one of you. Being a part of Rohini College has been a privilege and a source of inspiration. In our roles within the newsletter team, we have witnessed firsthand the incredible achievements and strides our fellow students have made. Let us continue to push boundaries, break barriers, and strive for excellence in all our endeavors. Here's to the triumphs that await and the successes yet to unfold. Congratulations on your achievements so far, and may the future be even brighter for each and every one of you.

GUEST LECTURE



Guest lecture on Algorithmic Problem Solving

Rohini College of Engineering and Technology is privileged to welcome Dr. Grasha Jacob, a distinguished authority in the realm of computer science, for an enriching guest lecture scheduled for August 8, 2023. As a seasoned Professor of Computer Science at Gov

College-Nagalapuram, Dr. Jacob wealth of expertise and experience to the forefront. The lecture, centered around the theme of "Algorithmic Problem Solving," aims to provide an in-depth exploration of the fundamental principles underpinning this critical facet of computer science. Dr. Jacob's extensive contributions to the field, both in academia and practical applications. The session will culminate in a Q&A segment, fostering an interactive exchange of ideas and knowledge-sharing between the esteemed speaker and the academic community at Rohini College of Engineering and Technology.

Guest lecture on Recent trends in computer science



Rohini College of Engineering and Technology recently hosted a guest lecture by Mrs. Jeen Shene.B on the topic of "Recent Trends in Computer Science Field." Mrs. Jeen Shene.B, an esteemed expert in computer science, provided an insightful overview of emerging technologies. She covered topics including artificial intelligence, big data

analytics, cybersecurity, Internet of Things (IoT), and blockchain technology. The lecture sparked engaging discussions among students, offering valuable insights into the latest advancements and their applications across various industries. It served as an inspiring platform for students to explore innovative ideas and contribute to the dynamic field of computer science. In addition to discussing the latest trends in computer science, Mrs. Jeen Shene. B also shared practical insights and real-world examples to illustrate the impact of these technologies.

Workshop Data integration technology and team Building activity



The Computer Science and Engineering department at Rohini College of Engineering and Technology recently hosted a comprehensive workshop on Data Integration Technology and Team Building, facilitated by the esteemed resource person, Mr. Bhaskar Subbiah, Senior Technical Lead at TCS-Chennai. This engaging workshop, which took place on August 8, 2023, delved into the intricacies of data

integration technology, providing students with valuable insights into its applications and real-world relevance. Moreover, Mr. Bhaskar Subbiah skillfully incorporated team-building activities, fostering a collaborative spirit among the participants.

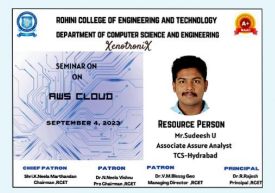
Data Integration Technology and Team Building Activities play pivotal roles in fostering a well-rounded skill set among professionals in the ever-evolving landscape of computer science. Data integration involves combining and unifying data from disparate sources to processes. Understanding the intricacies of data integration technology is crucial in a data-driven world, where organizations rely on seamless data flow for strategic insights. On the other hand, team building activities complement technical skills by cultivating effective communication, collaboration, and problem-solving within a group. Data Integration Technology and Team Building Activities not only ensures that professionals possess the technical prowess required for the field but also cultivates interpersonal skills essential for success in collaborative work environments. This holistic approach reflects the recognition that technical proficiency and effective teamwork are interconnected facets of a well-prepared professional.

Alumni Webinar series



The Computer Science and Engineering department at Rohini College of Engineering and Technology recently hosted a dynamic alumni webinar featuring Ms. Varshini Varatharajan, an accomplished Application Development Associate at Accenture. The webinar, held on September 7, focused on "Hands on Training on AWS Cloud providing attendees in a comprehensive understanding of

Amazon Web Services and its practical applications. Ms. Varshini Varatharajan, an esteemed alumna, brought her industry expertise to the guiding participants through hands-on exercises and real-world scenarios in cloud computing.



In a recent alumni webinar hosted by the Computer Science and Engineering department of Rohini College of Engineering and Technology, Mr. Sudeesh U, an Associate Assure Analyst at TCS-Hyderabad and an esteemed alumnus, took center stage to share insights into AWS Cloud. Held on September 4, the seminar delved into the intricate details of Amazon Web Services, providing a comprehensive understanding of its

applications and industry relevance. Mr. Sudeesh's firsthand experience and expertise added a practical dimension to the discussion, offering alumni valuable perspectives on the latest advancements and best practices in cloud computing.

Webinar on AWS and Google cloud



Rohini College of Engineering and Technology recently hosted an enlightening webinar focusing on Amazon Web Services (AWS) and Google Cloud, led by Ms. Varshini Varatharajan and M. Reshma, experts in cloud technologies. The webinar provided a thorough introduction to AWS and Google Cloud, elucidating their key features, services, and advantages in modern IT infrastructure. Attendees gained insights into cloud computing fundamentals, including Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS). Ms. Varshini Varatharajan elaborated on AWS services and solutions, while M. Reshma discussed Google Cloud Platform offerings, highlighting their respective benefits for businesses and developers.

Seminar on A Pathway to Industry

Bringing his wealth of experience as the Placement Convener at National Engineering College, Mr. V. Manimaran P is set to impart invaluable insights to students at Rohini College of Engineering and Technology. This enlightening Seminar, held on September 12 2023, is with the title "A Pathway to Industry (IT)" and is organized by the Computer Science and Engineering department. Attendees can anticipate a deep exploration of the dynamic Information Technology sector, with Mr. Manimaran shedding light on evolving trends, industry demands, and the key skills coveted by Rohini College's Computer Science department. Mr. Manimaran's expertise ensures that this lecture will be invaluable resource for those looking to navigate successful paths in the ever-evolving field of IT.



CULTURALS

NATIONAL LEVEL TECHNICAL SYMPOSIUM - CRANKS 2K23



⇒ Lighting up the Lamp



⇒ Publishing the Newsletter



⇒ Non-Technical Event - DART



⇒ Non-Technical Event - Irrelevant answer



⇒ Non-Technical Event - Connections



GALLERY



⇒ Chief Guest's Address



⇒ Technical Event - Paper Presentation



⇒ Technical Event - Quiz



⇒ Technical Event - Debugging



⇒ Cultural Event - Dance

A National Level Technical symposium is an event held at 03-03-2023 that is organized by educational institutions to bring together students, educators, and professionals in a particular field. It is a platform for students to showcase their skills and knowledge in various technical and non-technical events. One such symposium that is commonly organized by colleges and universities is the "Technical Symposium." It involves a range of technical events such as paper presentations, debugging, web design, and coding challenges.

In addition to technical events, a Technical Symposium also includes a variety of non-technical events to add some fun and entertainment to the event. These events can include quiz competitions, connection games, and physical challenges such as "Dart". These events help students to relax and have some fun while also providing an opportunity for them to interact with their peers.

One of the most exciting events in a Technical Symposium is the paper presentation competition. This event provides an opportunity for students to present their research and ideas on a particular topic. The competition is judged by a panel of experts, and the winner is awarded a prize for their efforts.

The debugging and coding challenges are also popular events in a Technical Symposium. These events test the technical knowledge and skills of the participants and provide an opportunity for them to demonstrate their proficiency in programming and software development.

Finally, the Technical Symposium often ends with a cultural event, such as a dance or music performance. This allows the students to showcase their creativity and artistic abilities and provides a fitting end to the symposium.

ONAM CELEBRATION 2023



Third Year Students



Final Year Students

On August 29, 2023, the faculty and students of the Computer Science and Engineering (CSE) Department at Rohini College of Engineering & Technology gathered together to celebrate Onam. The event was held in the department's auditorium, which was decorated with traditional Onam motifs such as pookalam (floral rangolis), thoranams (decorative garlands), and banana leaves.



PONGAL CELEBRATION

On January 12th 2024, the Computer Science Department at Rohini College of Engineering and Technology celebrated Pongal with exuberance, embodying the essence of Tamil Nadu's rich cultural heritage. Students showcased their artistic flair through a vibrant Kolam competition while the ceremonial lighting of the Pongal pot marked the beginning of festivities. The festivities commenced with the traditional Kolam competition, where students displayed their artistic skills by creating vibrant and intricate designs at the entrance of the department.



- Esports Event

SPECTRA 2023



Fun Zone -



- Technical event QUIZ



- Cultural event Dance

Spectra is an inside campus function that is organized annually by educational institutions. Last year, the event is scheduled to take place on October 20th, 2023, and it started with a project expo, where students showcase their research and innovative ideas on various topics. In addition to the project expo, Spectra also includes a range of technical events designed to challenge the technical knowledge and skills of students. These events include coding challenges, debugging challenges, web design competitions, and paper presentations.

Apart from the technical events, Spectra also includes cultural events such as dance and singing performances. These events are a perfect opportunity for students to showcase their artistic talents and creative abilities. Spectra also includes a variety of other events, such as quiz competitions, treasure hunts, and other fun activities, to create a relaxed and fun atmosphere for the students. These activities provide an opportunity for the students to socialize with their peers, build new connections, and have fun while showcasing their talents.

PROJECT EXPO



On February 28th, 2024, the nation celebrated National Science Day with great enthusiasm and zeal. As part of the commemoration, a captivating Project Expo was organized, showcasing a myriad of innovative projects from various fields of science and technology. Attendees were captivated by groundbreaking advancements in science and technology.



ALUMNI MEET

The Alumni Meet held on December 18th, 2023, was a heartwarming reunion where past graduates converged to reminisce, reconnect, and celebrate their shared journey. The event buzzed with nostalgia as alumni from diverse backgrounds and professions exchanged stories, forged new connections, and reflected on their collective achievements since leaving their alma mater.

INTERNSHIP



Codebind Technologies

During the immersive internship at Codebind Technologies, students of Computer Science and Engineering delved into the dynamic realm of web development, acquiring invaluable hands-on experience and expanding their proficiency in cutting-edge technologies. The program, designed with a comprehensive curriculum, aimed to bridge the gap between theoretical knowledge and practical application, preparing the students for the evolving landscape of web technologies. The interns were exposed to have a compassed the entire spectrum of web development, ranging from front-end technologies like HTML, CSS, and JavaScript to back-end frameworks such as Node.js and Django. The internship fostered a collaborative spirit, encouraging students to work in teams and engage in real-world projects that mirrored industry scenarios. There are 18 students who have participated in this internship program



Pantech E Learning

During their internship at Pantech e Learning, students immersed themselves in a comprehensive learning experience focused on Python, a versatile programming language widely used in various domains. The internship provided a hands-on environment where students honed skills by working on real-world projects and collaborating with seasoned professionals in the industry. They gained practical insights into web development, data analysis, and automation using Python, acquiring proficiency in frameworks like Django and Flask. There are 6 students who have participated in this internship



Oracuz

During their internship at Oracuz Infotech, students delved into a comprehensive and hands-on experience centered around the Python programming language. Immersed in a dynamic learning environment, the interns gained practical insights into Python's applications in software development, data analysis, and automation. Six students from Third Year had Completed the Internship on the Topic Python.



Manipur Institute of Technology

Embarking on an enriching internship journey at the Manipur Institute of Technology, the student immersed themselves in the realm of Data Structures and Algorithm analysis. This experience proved to be a captivating exploration, bridging theoretical concepts with their real-world applications across diverse domains. The internship placed a strong emphasis on the practical implementation of fundamental data structures like arrays, linked lists, trees, and graphs, while also delving into the intricacies of advanced algorithms for sorting, searching, optimization.



Neemtec Solutions

During an internship at Neemtec Solutions, a student honed Python programming skills, applying them to real-world projects. Under professional mentorship, they gained insights into industry practices and collaborative coding. The experience deepened their technical proficiency and problem-solving mindset in software development. Guided by seasoned professionals at Neemtec Solutions, the students not only refined their coding expertise but also gleaned insights into contemporary web design best practices.



AB Technologies

AB Technologies is one of the internship companies our students were offered in. It offers the best intership opportunities for our Computer Science Engineering students. AB Technologies is a milestone in the ever-changing global IT scenario. From unmatched services, ranging from strategy consulting to technical education and undeniably the best resources ranging from experienced education and undeniably the best resources ranging from experienced manpower to well-equipped infrastructure, we strive to be the best in the IT consulting & service landscape in India.

EKADD Tech EKAAD Tech

Ekadd Technologies is one of the Internship companies our students were offered in. It offers the best intership opportunities for our Computer Science Engineering students. Started in 2010, they work towards development of research based CADD, CAM, PPM software as well as embedded systems for educational purposes. We build these systems to be used as a reverence for further development and studies by engineering students, researchers and enthusiasts. Three students from Final Year had Completed the Internship on the Topic Python.



TelliANT

During their internship at TelliANT, students engaged in a comprehensive exploration of research and documentation, with a specific focus on business requirements for an Applicant Tracking Software (ATS). Four students from Third Year had Completed the Internship on the Topic Documentation of Business Requirement for an Applicant tracking Software. Through this internship, students gained hands-on experience in deciphering client needs, translating them into technical specifications, and contributing to the initial phases of software development.



HiTech Solutions

In the dynamic realm of web development, two students undertook a transformative intership at HiTech Solutions, where their focus centered on the creation of web applications using HTML and CSS. This collaborative journey immersed them in the intricacies of crafting compelling and functional user interfaces. Throughout the internship, the duo delved into the core principles of HTML for content structuring and CSS for aesthetic styling, ensuring an optimal user experience. Guided by seasoned professionals at HiTech Solutions, the students not only refined their coding expertise but also gleaned insights into contemporary web design best practices.

Iconic Cognition

During an internship at Iconic Cognition, a student immersed in Python programming, contributing to real-world projects under professional guidance. The experience enhanced coding skills, offered insights into collaborative development, and cultivated practical problem-solving in a professional context.

ACHIEVEMENTS

Third Year Students Achievements



► Completed C & C++ course in CCS



- Completed Animation course at Infotek
- Completed JAVA Course at Infotek
- Completed TALLY course at Infotek



- Got First place at essay writing at Einstein College of Engineering and Technology
- Got Second place in quiz at Einstein College of Engineering and Technology

Final Year Students Achievements



⇒ Completed Problem solving through programming in C course in NPTEL



⇒ Completed Problem solving through programming in C course in NPTEL



⇒ Completed Problem solving through programming in C course in NPTEL



⇒ Completed Problem solving through programming in C course in NPTEL



⇒ Completed Python for Data Science course in NPTEL



PLACEMENTS

U
S
T



Vi Microsystems Pvt. Ltd.



Jeswin Sam S



Mowlika J R



Gowsik Beesma Shilesh P



Janice Gressida J



Nalla Sivam R



Sree Ajatha N T



Gowsik Beesma Shilesh P



RENAULT NISSAN
TECHNOLOGY &
BUSINESS CENTRE INDIA



Zencorp Techno Solutions
Empowering the next generation.



Biju H Nair



Jeswin Sam S



Mowlika J R



Nikitha Vesta K



Sree Ajatha NT



Solai Kesavan B



Lekshmi G



Nalla Sivam R



Sam Giftson Mathew G



Nivedh Sankar CJ



Sam Giftson Mathew G



Sujith R



Vignesh BR



Vishanth J



Solai Kesavan B



Sam Giftson Mathew G



Solai Kesavan B



Sree Ajatha NT



Sri Kowsalya Devi V



Surekha S



Veera Elakkiya M



M.Navoshitha



Angelin Ashmi V



Atshaya K



Benish Nayagam T



Hilda R



Keerthi S B



Lekshmi G



M.Navoshitha



Ajitha P



Benish Nayagam T



Hilda R



Linsila Regin R



Pon Suriya P



Ragul Selton B



Reshmitha YC



Solai Kesavan B



Sri Kowsalya Devi V



Sree Ajatha NT



Surekha S



Veera Elakkiya M



Vignesh R



M.Navoshitha