



Shri G.S. Institute of Tech. & Sc., Indore



NEWS LETTER

2024
EDITION

DEPARTMENT OF
ELECTRONICS AND
TELECOMMUNICATION
ENGINEERING
(ESTD. IN 1973)



PRAKASHITAM

Vol. I
[JAN - JUNE]



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Vision and Mission



Institute vision

A front-line institute in science and technology making significant contributions to human resource development envisaging the dynamic needs of society

Institute Mission

To generate experts in science and technology akin to society for its accelerated socioeconomic growth in professional and challenging environments imparting human values



Department Vision

To be a leading Electronics and Telecommunication engineering department providing education at the Graduate, Post-Graduate, and research levels fulfilling changing academic and industrial needs to create human resources in the field of modern Electronics and Telecommunication Engineering.

Department Mission

Our efforts are dedicated to educating students in the field of Electronics and Telecommunication Engineering to create competent professionals with high moral values, and social ethics and for pursuing higher education and research.

“Innovating today for a smarter tomorrow, we harness the power of technology to transform ideas into reality, empowering minds to engineer a world of endless possibilities.”



Message from Head of Department



Dear Students,

Its a good tradition that the Department club takes the ownership of publication of News letter.It gives some of the glimpses of the recognition and achievements of the students and faculty members.

In my opinion the Department carries a culture of learning and growing along with ethics and moral values. Present and past batches of the students

reflect it everywhere by their presence. Looking at the need of the time, curriculum revision and inclusion of the new courses are being done. Various extra and co curricular activities, research activities prepare the young minds for a healthy and wealthy life. Our alumni generously contribute to the overall development of the Department and add value to the overall academic performance of students.

I simply want to say to you that " Whenever you look back during your journey of life, you should feel proud not guilt , so set your priority for living life and act accordingly".

My best wishes are always with you all.

With Best Regards



Dr. Anjana Jain

A Jain

Dr. (Mrs.) Anjana Jain

Professor and Head

Department of Electronics & Telecommunication Engg.

Shri G.S. Institute of Technology and Science, Indore

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Alum Crew (2024)



Pass-out Batch

Dear Alums of 2024,

Heartfelt congratulations on this monumental achievement! You've evolved into visionary leaders and pioneers. As you venture into the world, carry with you the wisdom, camaraderie, and fervor you've cultivated. Embrace challenges, remain inquisitive, and let your aspirations illuminate your path. The future is boundless—craft it with excellence.

As you step into the next chapter of your journey, remember that the foundation you've built here is strong. Your hard work, perseverance, and dedication have prepared you to overcome any obstacle and seize every opportunity that comes your way. The world needs your innovative spirit, your passion for progress, and your unwavering commitment to making a difference.

On behalf of the department, we are incredibly proud of all that you have accomplished and have no doubt that you will continue to excel in all your future endeavors. Go forth with confidence, knowing that you are equipped with the tools to succeed and the mindset to thrive.



Department Achievements



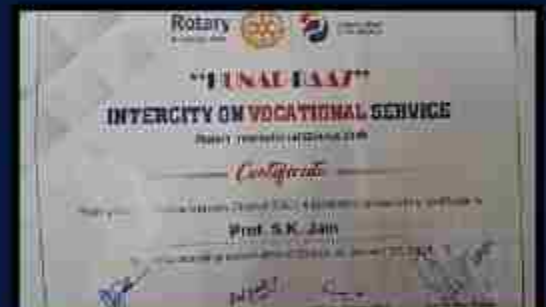
Faculties Achievements

Patent by Dr. SK Jain

Dr. Satish Kumar Jain, a distinguished and long-serving professor in our department, has achieved a significant breakthrough in satellite technology by innovating a method to enhance small antennas used in educational satellite projects, enabling them to operate at higher frequencies without increasing their size. This pioneering work has earned him a prestigious patent from the Government of India under Intellectual Property Rights.

Seven years ago, Professor Jain initiated the patent process, challenging scientists in India and abroad with his invention. Now patented, his innovation, titled "Novel and Optimized Defected Ground Structures (DGS) for Radiator Minimization", allows for frequency enhancement without altering antenna dimensions, marking a major advancement in the field.

The institute and the department take immense pride in congratulating Dr. Satish Kumar Jain on this remarkable achievement.



Paper publications

1. Ankita Mangalmurty, Anjana jain, Preeti Trivedi , “ Static mode testing of S-20 Optical Streak Camera “ , IETE Journal of reseaech (taylor & Francis) , May 2024
2. Rashmi Pant, and Leeladhar Malviya, “THz MIMO antenna array for future generation of wireless applications”, Frequenz Journal, DOI: 10.1515/freq-2023-0203, pp. 1-7, February 2024 (SCI).
3. Sanjay Chouhan, Leeladhar Malviya, and D. K. Panda, “Mathematically inspired MIMO antenna with enhanced isolation for wireless applications”, International Journal of Communication Systems, DOI: 10.1002/dac.5730, pp. 1-5, February 2024 (SCI).



Department Achievements

Faculties Achievements



Research by Dr. Jaya Deepti Lal

डॉ. जया दीप्ति लाल
देश को आप पर गर्व है !



www.mediatantra.in

प्रोफेसर की उल्लेखनीय उपलब्धि डॉ. जया दीप्ति लाल, (इलेक्ट्रॉनिक्स एवं दूरसंचार विभाग), एसजीएसआईटीएस, इंदौर, मध्य प्रदेश, जिन्होंने इलेक्ट्रॉनिक्स एवं दूरसंचार इंजीनियरिंग में अपने अभूतपूर्व शोध के लिए एशिया में स्वर्ण पदक हासिल किया है। यह उपलब्धि उनके समर्पण, बुद्धि और दृढ़ता से ही हासिल करी है।

Everything in this picture is now in your pocket.



India beams with pride as Dr. Jaya Deepti Lal, an Associate Professor in Electronics and Telecommunication at SGITS, Indore, achieves a groundbreaking milestone in her research. Her remarkable accomplishments in the field of electronics and telecommunication have earned her a prestigious gold medal in a highly competitive Asian competition. This outstanding achievement is a testament to her hard work, talent, and unwavering dedication. Dr. Lal's pioneering work not only brings honor to her institution but also enhances India's reputation in the global academic and research community.



Alumni Corner



Alumni With Honorable President of India



Suryash Gautam (2017) , IES officer

Suryash is sitting in front row, 3rd from right side

Professor in IITs

1. Gourav Trivedi- IIT Guwahati
3. Yogesh Chouhan - IIT Kanpur
5. Pooja Vyavahare - IIT Tirupati

2. Sonali Chouhan - IIT Guwahati
4. Nitya Tiwari - IIT Bhuvanewar
6. Chetan Singh Solanki - IIT Bombay



Gold Medalist of Department
Ms Ananya Tomar (B Tech)
Mr Deepak Solanki (M Tech)



1.24 लाख फॉलॉयर्स की शीर्षकधर
सेमीकंडक्टर: 5 साल में
10 लाख जॉब्स मिलेंगे

The semiconductor industry in India is poised for significant growth over the next five years, with projections indicating the creation of approximately 10 lakh job opportunities. In 2024 alone, the industry is expected to require between 40,000 to 50,000 workers. This comes on the heels of a robust sectoral growth rate observed last year, which ranged between 25% to 30%.

Student Achievements

Team Dhoomketu Shined at ISRO



On November 15 of the previous year, the Indian Space Research Organisation (ISRO) initiated a year-long event known as IRoC-U 2024. This event comprises four distinct stages: the initial Proposal Report Submission, followed by the Design Report Submission accompanied by a Hardware Demonstration Video, the third stage being a Live Hardware Demonstration, and culminating in the Final Field Round, which is scheduled to be held in Bengaluru on August 8.



Team Dhoomketu with their Rover



Rover Prepared by Team

In the inaugural round, a team of second-year undergraduates (now in their third year) from various disciplines within the college was formed and submitted their Proposal Report on January 15, 2024. The results of this round were announced on January 30. Out of approximately 1450 participating teams from various colleges, this team advanced to the top 148, achieving a selection ratio of only 10%, thereby qualifying for the subsequent round, which involved the submission of a Hardware Demonstration Video and Design Report.

Subsequently, the team was allotted workspace on the 4th floor of the ATC building (CRSST Room) for their competition endeavors. They devoted themselves diligently, working tirelessly day and night to deliver their best effort. Regrettably, they did not progress to the next stage. Throughout their journey, they received full financial support from the Centre for Innovation and Development Initiatives (CIDI), with additional expenses being managed by the team independently.

Student Achievements

ECE Team Shines at

e-Yantra Innovation Challenge



We are thrilled to announce the outstanding achievement of a team from the Department of Electronics and Communication Engineering (ECE). Two of our talented students, Shrutee Mishra from the second year and Vasudev Kesharwani from the fourth year, along with Paarth Parikh and Rajswi Manjri from Electrical Branch recently participated in the prestigious e-Yantra Innovation Challenge, organized by the Indian Institute of Technology (IIT) Bombay. Their journey from regional rounds to the grand finals has made our college proud.

The e-Yantra Innovation Challenge, renowned for promoting technological innovation and problem-solving skills, saw the team competing against top talent from across the country.

They prepared a innovative blind assitant stick with 8D sound effect technology and haptic feedback named Naviguide. Their exceptional performance in the regional finals, held in Pune, highlighted their expertise and creativity in addressing complex engineering problems.

Their dedication and hard work culminated in their advancement to the final round at IIT Bombay, where they represented our college with distinction. This achievement reflects their commitment to academic excellence and their ability to innovate under pressure.



Eyic team with their Innovation

As a mark of recognition for their stellar performance, the team was awarded certificates acknowledging their participation and accomplishments in the competition.



Department Event

AA YAAM 2024 (SRC)

Lakshya is a thrilling robot soccer competition organized by SRC of E&TC department. It is a platform for engineering enthusiasts to showcase their innovative skills and compete against other teams in a fast-paced and exciting soccer match. The competition was a highlight of Aayam 2024, attracting participants and spectators alike.



Lakshya (Robo Soccer)



Dwand (Robo War)

Dwand is an intense robot combat competition organized by the SRC of E&TC department. It pits robotic warriors against each other in a battle of strategy, engineering prowess, and sheer power. This thrilling event was a major attraction at Aayam 2024, showcasing the creativity and competitive spirit of the participants.

Sarathi is a high-speed robot racing competition. It challenges participants to design and build autonomous robots capable of navigating a challenging racecourse at top speed. This adrenaline-pumping event was a crowd-pleaser at Aayam 2024, demonstrating the speed and precision of these cutting-edge machines.



Sarathi (Robo Race)



AAYAAM 2024 (CLUB-TARANG)



In a remarkable display of creativity and technical prowess, students from the E&TC Department have designed an engaging game using two Arduino UNO. This innovative project showcases the student's ability to transform complex concepts into fun, interactive experiences.

The game features four colorful lights, each corresponding to a button. As the lights illuminate in a specific sequence, players must press the buttons in the same order to progress. This challenging yet entertaining game tests players' memory, reaction time, and hand-eye coordination



Luminous Hunt



Students with Faculty Members in AAYAAM 2024



Club and Society



BIS Club

Quiz Competition

The BIS Club of the Electronics and Telecommunication Engineering department successfully organized a thrilling quiz competition on March 11, 2024. The event brought together students from across the department to test their knowledge and compete for top honors.



Glimpse of quiz competition

The competition was a resounding success, with participants demonstrating impressive intellect and quick thinking. After a closely contested battle of wits, the winners were finally announced. The first, second, and third-place winners were awarded prizes for their outstanding performance, while consolation prizes were presented to recognize the efforts of all participants.

The quiz competition not only provided an exciting platform for students to showcase their knowledge but also fostered a spirit of camaraderie and healthy competition among the department's members.

Writing Competition

The BIS Club (SC-5052) successfully organized a Standards Writing Competition on January 29, 2024, to encourage students to delve into the world of standardization. The competition provided a platform for students to showcase their research, analytical, and writing skills in developing comprehensive standards.

A BIS resource person meticulously evaluated the submitted standards, assessing their technical accuracy, clarity, and adherence to standardization principles. The competition culminated in the awarding of first, second, and third prizes to the top performers, while consolation prizes were presented to recognize the efforts of all participants.

This initiative not only enhanced students' understanding of the importance of standardization in various industries but also equipped them with valuable skills for future careers. The BIS Club is committed to organizing such events to promote standardization awareness and foster a culture of excellence among the students.



Participants Group Photo



Club and Society

ATMS Lecture Series



As part of the ATMS (Antenna Testing and Measurement Society) Lecture Series, our department had the privilege of hosting a number of distinguished speakers who shared their expertise on various advanced topics in radio science and communications:

These sessions, as part of the ATMS Lecture Series, significantly contributed to the academic growth and knowledge base of our department.



Lec by
Dr Soumyabrata Chakrabarty



Lec by
Dr Zubair Akhtar



Lec by
Dr Vijay Kumar Singh



Lec by
Dr Saptarshi Ghosh



Student Academic Achievement



Exceptional Placement Success

We are delighted to announce the stellar placement results for our Electronics and Communication Engineering (ECE) students. This year, 41 students from our department have successfully secured positions with a diverse array of renowned companies, showcasing the high demand for ECE graduates and their exceptional capabilities.

Among the esteemed organizations that have recruited our students are Indus Towers Ltd, Amdocs Development Centre India LLP, Deloitte Consulting India Pvt Ltd, Mastercard India Services Pvt Ltd, Principal Global Services Pvt Ltd, Goldman Sachs Services Pvt Ltd, Nomura Services India Pvt Ltd, CoreEL Technologies India Pvt Ltd, and Quantphi Analytics Solutions Pvt Ltd, among others.

These placements reflect not only the strong academic foundation of our students but also their readiness to excel in dynamic and challenging work environments. Many of these companies have offered impressive salary packages, further highlighting the high regard in which our graduates are held.

We extend our heartfelt congratulations to all the placed students and wish them continued success in their professional journeys. Their achievements are a testament to their hard work, dedication, and the quality of education provided by our ECE department.

Due to space constraints, we are unable to include all the details about college placements on this page. To access comprehensive information, please scan the QR code provided. It will guide you to a dedicated page with all the necessary details.

GATE SCORE 2024



SCAN ME

Name	Score	All India Rank
Katyayan Shukla	673	410
Abhinav Dwivedi	499	2162
Shreyansh Jain	434	3887
Shreyansh Jr	335	9923
Sarthak Atlasia	324	21811
Rahul	241	23121
Anvesh Mishra	291	27824



Industry-Institute Interaction



Exploring Auto Innovation:

Our Visit to Eicher Motors & Bridgestone



Eicher Motor Visit

Under the coordination of Prof. Anjana Jain and Prof. Preeti Trivedi, 3rd-year Electronics and Telecommunication students from SGSITS, batch 2025, experienced an insightful visit to Bridgestone Corporation on February 12, 2024,

Bridgestone, a global leader in tyre manufacturing, demonstrated the seamless integration of advanced electronics within their production processes. The visit underscored the pivotal role of robotics, automation, and sensor technologies in ensuring precision and quality in tyre manufacturing. The team observed how microcontrollers, actuators, and control systems contribute to Bridgestone's industry-leading standards. This experience deepened their understanding of the intersection between electronics and industrial manufacturing, inspiring a greater appreciation for the impact of electronics in driving innovation and efficiency in modern industries.

Under the guidance, of Prof. Manish Panchal and Prof. Amit Nayak, our 3rd-year Electronics and Telecommunication students embarked on an enriching industrial visit to Eicher Motors Limited, a leading Indian multinational automotive company.

The team observed the intricate process of commercial vehicle manufacturing, witnessing every stage from precise assembly to the final finishing touches. The advanced robotics and automation techniques employed made a significant impression, deepening their understanding of modern manufacturing.



Bridgestone Visit



Group Photograph at Eicher Motors, Pithampur



Alumni Connections



IOT Lab Establishment

New IoT Lab Established at Department of Electronics and Telecommunication Engineering

The Department of Electronics and Telecommunication Engineering is proud to announce the establishment of a state-of-the-art Internet of Things (IoT) Lab. This significant development was made possible by a generous grant from the SGSITS Alumni Association in April 2024.



IoT Lab

The new IoT Lab provides students with cutting-edge facilities to explore the realm of IoT technology. Equipped with the latest hardware, software, and equipment, the lab enables students to engage in hands-on projects, research, and development within this rapidly evolving field.

The department extends its sincere gratitude to the SGSITS Alumni Association for their invaluable support. This investment will undoubtedly empower our students to become future leaders in the IoT industry.

The newly established IoT Lab is a cutting-edge facility equipped with state-of-the-art technology. The lab boasts an impressive array of equipment, including 10 Raspberry Pi 5 full setups, a diverse range of industry-grade sensors, and advanced equipment such as a Digital Storage Oscilloscope. These resources have empowered students to explore the vast potential of IoT, from conceptualization to prototyping and implementation. The IoT Lab has quickly become a hub for creativity, experimentation, and the development of groundbreaking IoT solutions.



Visit of Alumni Association Members



Alumni Connections



Webinar on VLSI Opens new Horizon

Webinar on Careers in VLSI Opens New Horizons for E&TC Students
The Department of Electronics and Telecommunication Engineering, in collaboration with the SGSITS Alumni Association, successfully organized a webinar on "Careers in Electronics (VLSI)" on July 25, 2024.

The event featured a distinguished speaker, Dr. Sandeep Pagey, an alumnus of the E&TC department (Batch of 1986)



Webinar on VLSI

and the Founder of AxoSpark Technologies Pvt. Ltd., Noida. Dr. Pagey provided invaluable insights into the vast opportunities available for graduates in the VLSI industry. His comprehensive discussion on the VLSI design flow and the essential skill set required for industry success equipped students with practical knowledge. Over 100 enthusiastic students attended the webinar, demonstrating keen interest in the VLSI domain. The event served as a platform for students to explore potential career paths and gain firsthand information about the industry from an accomplished industry expert.



Students Participation in Webinar

10000



Alumni Connections



Inspiring Talks, Bright Futures: Alumni Lecture Series 2023

Our department was privileged to host a series of enlightening talks by distinguished alumni throughout the year. These sessions provided invaluable insights into various career paths, industry trends, and academic pursuits.



Lecture by Er. Sachin Walia

Key Takeaways:

- **Diverse Career Paths:** Alumni shared experiences from diverse sectors such as electronics, IT, and civil services, inspiring students to explore multiple options.
- **Industry Trends and Opportunities:** Speakers highlighted the latest technological advancements and emerging career opportunities.
- **Skill Development:** Emphasis on the importance of technical skills, problem-solving abilities, and teamwork for career success.
- **Higher Studies and Research:** Insights into pursuing higher education and research opportunities.
- **Internship and Placement Guidance:** Practical advice on securing internships and placements.

Thank You to Our Distinguished Alumni:

We extend our sincere gratitude to all the alumni who generously shared their knowledge and experiences with our students. Their mentorship and guidance have been instrumental in shaping the careers of our budding engineers.



Students with Er. Divya Samnani



Alumni Connections



Words by Alumni

Hello Electronics Enthusiasts!

As you are navigating through your B.Tech curriculum and if you want to make carrier in core Electronics, remember that VLSI design is at the heart of cutting-edge technology. Embrace every challenge in your coursework and projects as an opportunity to push the boundaries of what's possible.

Stay updated with industry trends, and collaborate with your peers to solve complex problems. Learn VHDL and verilog, write designs, see how your written design is working keep experimenting, stay curious, and let your passion for VLSI drive your success!

Best Regards,

Ratnesh Singhai, (B.Tech, E&TC, 2020)

Digital Design Engineer, Qualcomm Incorporated, Bengaluru, India



Ratnesh Singhai



Katyayan Shukla

Hello everyone! Hope you all are having a great time. I have recently completed my graduation and joined IIT Bombay for my master's degree. I would like to share something with you all as an alumni which is a sort off summary of what I learnt

during my time in college and hope that it might be useful for you all too. The most important thing which I think I learnt during my time in college was to develop an attitude of learning new things and concepts almost every other day and that really matters a lot. Many a times you learn a lot outside the classroom also but the important point here is that you should always have the desire to enhance your skill set and increase your level of knowledge.

Always have clarity from the beginning on what you want to achieve and how to reach there. Be ready with plan B right from the beginning and plan your journey accordingly. The most important thing is trying to learn and putting all your efforts whole heartedly. Even if you aren't able to grab everything at start, with repeated efforts and patience you can gradually develop strong concepts in any field. At last always remember that god is there with you every time and does the best for you.

Katyayan Shukla, (B.Tech, E&TC, 2024)

M.Tech, Integrated Circuit and Systems (ICS),

IIT Bombay



History of ECE Department [Part-I]



When I Passed out of Shree Govindram Seksaria Technological Institute (SGSTI, this was the name those days) in 1968 there was severe recession in the country. However, I went to New Delhi, where my father was working, and I started applying for jobs. By the time I faced a certain number of interviews, including those at the Delhi Municipal Corporation, DCM and BHEL Haridwar etc., I received a call from Dr. S. M. Dasgupta, the Principal and Secretary of SGSTI and my very favourite teacher. He informed me that he was in Delhi and I should meet him. That very day in the evening I went to the place where he was staying. During our meeting he asked me whether I was interested in teaching. He said that he has certain plans for the development of the college and for this he wants a number of dynamic young persons to be taken as faculty for helping him to make his dream of bringing SGSTI in the national level come true. He asked me if I was interested. My interviews with DMC and BHEL were excellent and I was quite sure of getting the appointment letters, but at the same time I was a little afraid. So, I decided to send my application to SGSTI also. I got selected there. Meanwhile I got appointment letters from DMC and BHEL. I went to Dr. Dasgupta with these letters, but I do not know how, I got convinced that teaching job will be better for me. So, I continued. Later on, I took admission as a student for a master's degree in Applied Electronics. In 1969 I got selected for Three Years Sequential Summer School at IIT Kanpur under Quality Improvement Programme. Here let me accept the fact that during my graduation at SGSTI we mainly studied Vacuum Tube Electronics. Only in the final year in the subject Electronics there was a topic on Semiconductors and in the final examination there was a single question on Transistors which I did not attempt, leaving the same in choice. When I came back in July 1969 from IIT after completing my first summer school I was an expert in transistor circuit designs. I also learnt to make Printed Circuits there. When I reported about my training at IIT to Dr. Dasgupta he was thrilled to know that I have learnt to make printed circuits. He immediately called his friend at BARC Mumbai and fixed a seven days training for me on Printed Circuit Technology. I was in BARC for a week where I collected all the required information for developing PCB Lab at our college. Coming back, I developed a complete laboratory with a small PCB Etching Machine and all required equipment and chemicals used for the Silk Screen Printing method. This was the first Printed Circuit Laboratory of Indore.



Prof. Tapan Mukherjee
Former professor & founder member of E&TC dept.
Presently working as Director of SGSTIS Incubation forum



Celebration Activities



National Technology Day Celebration: Project Exhibition

To commemorate National Technology Day, the Department of Electronics and Telecommunication Engineering organized a vibrant project exhibition on May 9, 2024. The event showcased the innovative projects undertaken by our third-year undergraduate students.

A panel of esteemed judges from various departments meticulously evaluated the projects, recognizing the students' hard work & creativity.

This interdisciplinary approach fostered a collaborative spirit and provided valuable insights to the students.

The exhibition served as a platform for students to demonstrate their technical prowess and problem-solving abilities. It also encouraged critical thinking and the development of practical skills.



Glimpse of Project Exhibition



Internship at Department



The Department of Electronics & Telecommunication Engineering at SGSITS Indore (M.P.), in collaboration with the Centre for Remote Sensing and Satellite Technology (CRSST), successfully concluded its internship program on Antenna Design from June 5th to June 25th, 2024.

The 45-hour program offered a unique opportunity for B.E./B.Tech. students from ECE, ETC, EE, EI, and CSE (II/III/IV year) to enhance their skills in antenna design. Participants from both SGSITS and other institutes gained valuable hands-on experience in antenna fabrication and measurement, and were introduced to industry-standard tools like CST and MATLAB.

The internship aimed to provide students with a solid foundation in RF and microwave technology, fostering their interest in research careers. Additionally, participants were exposed to the applications of Artificial Intelligence in the field.

DEPT. OF ELECTRONICS & TELECOMMUNICATION ENGG., SGSITS, INDORE (M.P.)

INTERNSHIP PROGRAM ON ANTENNA DESIGN

IN SUPPORT WITH
CENTRE FOR REMOTE SENSING AND SATELLITE TECHNOLOGY (CRSST)

DATES: June 5th - June 25th, 2024
DURATION: 45 hours
LIMITED SEATS: Only 20 Seats Available
VENUE: MOD008 Laboratory
FEES: For OUTSIDE Student Rs. 3000/-
For SGSITS Student Rs. 2000/-
Timings: 10 AM to 5 PM (3 Hours/Day)

WHO CAN APPLY?
Students of B. E./ B.Tech. (ECE/ETC, EE, EI, CSE) (II/III/IV Year) of Institute as well as outside students.

PERKS OF INTERNSHIP

1. Skills Enhancement (Tools: CST, MATLAB)
2. Hands-on Experience (Fabrication and Measurement with industrial equipments)
3. Resume Enhancement & Career Exploration in RF & Microwave Domain
4. Research Career Enhancement
5. Awareness of AI and its application in domain
6. Internship Certificate

REGISTRATION LINK

Faculty Mentor & Principal Investigator
Prof. (Dr.) S. K. Saha
Dept. EATC

Coordinator
Prof. (Dr.) Anjana Singh
Head, Dept. EATC

Contact:
Ms. Nisha Khanna
9826722552
9826722552@gmail.com

REGISTRATION DETAILS

DEPARTMENT NAME: EATC/ETC/EE/EEI	ROLL NO.	INTERNSHIP ID
BRANCH ADDRESS: INDORE/INDORE CAMPUS	PG CODE	PHONE NO.
BANK NAME: STATE BANK OF INDIA	ADDRESS	STREET ADDRESS

Internship Proposal



Intern's with Mentors



Media Coverage



पत्रिका

दिव्यांगों के लिए आंख की तरह करेगी काम इंदौरी छात्रों ने बनाई अल्ट्रासोनिक छड़ी

विद्यार्थी सुधा शर्मा
इंदौर, मध्यप्रदेश-इंदौरवासी के छात्रों ने 'विद्यार्थी' के अंतर्गत 'आंख की तरह करेगी काम' नाम की एक प्रतियोगिता आयोजित की। इस प्रतियोगिता में विद्यार्थी सुधा शर्मा ने अल्ट्रासोनिक छड़ी बनाई। यह छड़ी दिव्यांगों के लिए आंख की तरह काम करेगी।



अल्ट्रासोनिक छड़ी के साथ विद्यार्थी सुधा शर्मा (बाएं) और उनके साथी छात्रों के साथ।

अल्ट्रासोनिक छड़ी
विद्यार्थी सुधा शर्मा ने अल्ट्रासोनिक छड़ी बनाई। यह छड़ी दिव्यांगों के लिए आंख की तरह काम करेगी।



इस छड़ी में हो रहा है अल्ट्रासोनिक तरंगों का उपयोग
अल्ट्रासोनिक तरंगों का उपयोग करके यह छड़ी दिव्यांगों के लिए आंख की तरह काम करेगी।

3 से 5 फीट पारने वाली अल्ट्रासोनिक छड़ी
यह छड़ी 3 से 5 फीट तक पारने वाली अल्ट्रासोनिक तरंगों का उपयोग करेगी।

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चिप बनाने व मशीन लर्निंग के सिखा रहे गुरु

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आयुष्मणि प्रतियोगिता

इंदौर की विद्यार्थी सुधा शर्मा ने 'आयुष्मणि' प्रतियोगिता में 'चिप बनाने व मशीन लर्निंग के सिखा रहे गुरु' नाम की एक प्रतियोगिता आयोजित की।

इंदौर में 80-85 स्टूडेंट्स को फेर करके चिप बनाने के लिए प्रतियोगिता आयोजित की गई है।

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अड़चनों को पार करते ट्रेक पर दौड़े रोबो



विद्यार्थी सुधा शर्मा
इंदौर, मध्यप्रदेश-इंदौरवासी के छात्रों ने 'विद्यार्थी' के अंतर्गत 'आंख की तरह करेगी काम' नाम की एक प्रतियोगिता आयोजित की।

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इंदौर 05-01-2024

एस्टीएसआईटीएस का इन्वेंशन • पेटेंट करवाने 7 साल पहले किया था आवेदन सैटेलाइट में लगने वाले एंटीना का आकार बदले बिना प्रीक्वेंसी बढ़ाने का खोजा उपाय, मिला पेटेंट

सहायक संपादक/प्रति

जितना छोटा आवरण, उतनी अधिक प्रीक्वेंसी



एस्टीएसआईटीएस के प्रिंसिपल वैसिस्टिव इंजीनियर डॉ. ए. के. शर्मा ने एक नया उपाय खोजा है जो सैटेलाइट में लगने वाले एंटीना का आकार बदले बिना प्रीक्वेंसी बढ़ाने का खोजा उपाय, मिला पेटेंट।

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Media Coverage



ऑनलाइन ट्रांजेक्शन से लोगों ने पर्स में रुपए रखना छोड़ दिए

इंदौर | दूरसंचार क्रांति ने हमारी दुनिया को ही बदल दिया। अब अधिकांश कार्य मोबाइल से होने लगे हैं। चाहे हवाई सफर करना हो, बिजली का बिल भरना हो या मूवी की टिकट कराना हो, सब घर बैठे आप



मोबाइल से आनलाइन कर सकते हैं। ये विचार अमिताभ भाटिया ने विश्व दूरसंचार और सूचना सोसाइटी दिवस के मौके पर आयोजित कार्यक्रम कहे। आयोजन

द इंस्टिट्यूशन ऑफ इंजीनियर्स इंदौर लोकल ने इंजीनियर टी एन कुटुंबले के 26वें लैक्चर के तहत SGSITS सभागार में किया था।

भाटिया ने आगे कहा कि आज 5जी का जमाना है जहां मोबाइल की स्पीड बढ़ गई है। बड़ी बड़ी फाइलें आसानी से लोड हो जाती हैं। दूरसंचार क्रांति के बाद अधिकांश लेनदेन डिजिटल या ऑनलाइन हो रहा इसलिए लोगों ने वॉलेट में पैसा रखना बंद कर दिया। भारत इसमें नया रिकॉर्ड बना रहा है। डॉ. राकेश सक्सेना ने कहा कि इंदौर में इंजीनियरिंग के 30 से अधिक कॉलेज हैं जहां दूरसंचार के क्षेत्र में अच्छा काम हो रहा है। बीएसएनएल के जीएम संजीव सिंघल के अनुसार यह कहना ठीक नहीं होगा कि मोबाइल टॉवर से निकलने वाले रेडिएशन से कैंसर रोग होता है। स्वागत भाषण डॉ. दिनेश शुक्ला ने दिया। संचालन किया डॉ. गिरीश सोनी ने। आभार माना रमेश चौहान ने।



आईसीटीपी इटली में यूनेस्को प्रवृत्तित कार्यशाला में भारत का प्रतिनिधित्व करने हेतु चयन हुआ प्रो. अंजना जैन का

यूनेस्को की कार्यशाला में भारत का प्रतिनिधित्व करने हेतु प्रो. अंजना जैन का चयन हुआ है। यह कार्यशाला आईसीटीपी इटली में आयोजित होगी।



प्रो. अंजना जैन को यूनेस्को की कार्यशाला में प्रतिनिधित्व करने का अवसर मिला है। यह कार्यशाला आईसीटीपी इटली में आयोजित होगी।

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