

INFORMATION BROCHURE



DR. SUDHIR CHANDRA SUR INSTITUTE OF **TECHNOLOGY AND SPORTS COMPLEX**

NAAC 'A' ACCREDITED AUTONOMOUS INSTITUTE **NBA ACCREDITED DEPARTMENTS** APPROVED BY AICTE & UGC | AFFILIATED TO MAKAUT

540 Dum Dum Road, Surermath, (Near Dum Dum Jn. Station), Kolkata-700074 West Bengal











Congratulations!

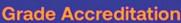
University Grants Commission

Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex for being conferred **Autonomous Status by**



Dr. Sudhir Chandra Sur Institute

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex **Achieves Prestigious**



Study in one of the best Autonomous institute under **MAKAUT in West Bengal**

Setting New Benchmarks in

Congratulations!

NPTEL TOPPERS OF 5% IN THE COURSE



SHRAMANA SHOW BTECH CSE



SOHINI CHAKRABORTY BTECH CSE















Bachelor of Technology (B.Tech) in







Civil Engineering



Engineering





For securing Internship in **Space Application** Centre ISRO, Ahmedabad

Congratulations!

NPTEL TOPPER OF 1% IN THE COURSE



SIMRAN KUMARI SINGH (**BTECH CSE** (AI ML)















SURTECH

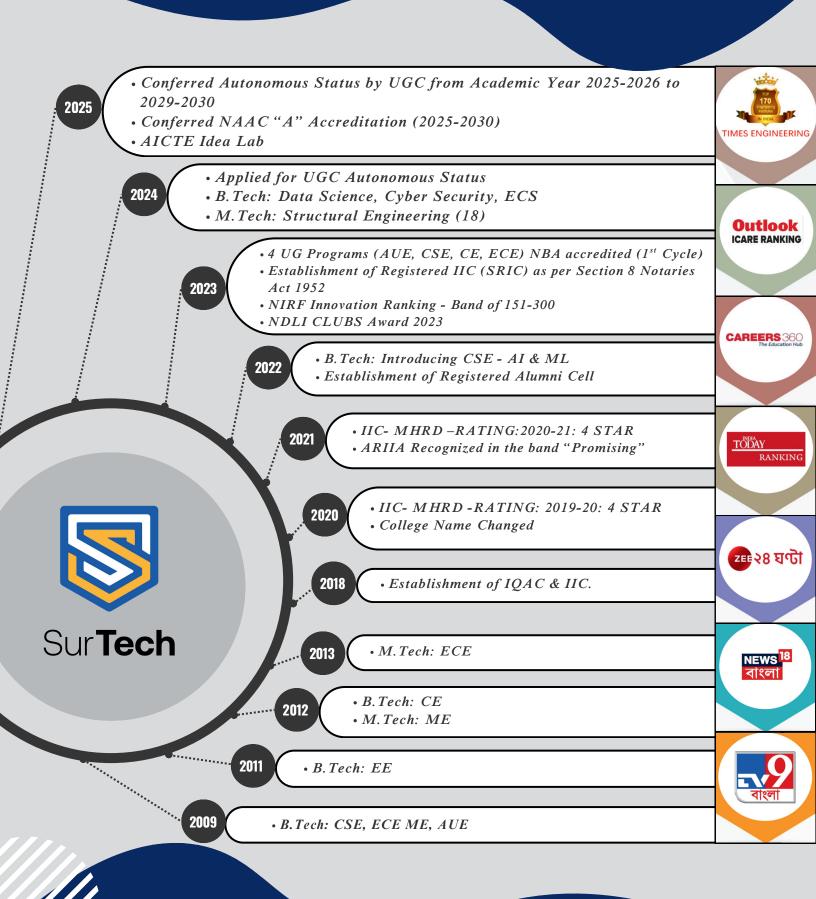
DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY & SPORTS COMPLEX (SURTECH), ESTABLISHED IN 2009 UNDER JIS FOUNDATION AND RECOGNIZED UNDER SECTION 2(F) OF THE UGC ACT, 1956, IS A PREMIER INSTITUTION NEAR DUM DUM METRO AND AIRPORT.

KNOWN FOR ITS INNOVATIVE CURRICULUM, RESEARCH CULTURE, AND EXCELLENCE IN ENGINEERING, SCIENCE, AND MANAGEMENT EDUCATION, SURTECH OFFERS A VIBRANT LEARNING ENVIRONMENT AMIDST LUSH GREEN SURROUNDINGS.

WITH GLOBALLY EXPERIENCED FACULTY, THE INSTITUTE EMPHASIZES CUTTING-EDGE TECHNOLOGY, INDUSTRY-ORIENTED SKILLS, ETHICS, AND HOLISTIC DEVELOPMENT. IT HAS BUILT NATIONAL AND INTERNATIONAL COLLABORATIONS THROUGH STUDY-ABROAD PROGRAMS, INTERNSHIPS, AND RESEARCH TIE-UPS.

SURTECH PROVIDES A WIDE RANGE OF ENGINEERING DEGREE PROGRAMS AT AFFORDABLE COSTS WHILE SUPPORTING COMMUNITY SERVICES, MAKING QUALITY EDUCATION ACCESSIBLE TO STUDENTS ACROSS INDIA AND ABROAD.

JOURNEY OF SURTECH







Why SurTech?







16 USP's OF SURTECH



05

07

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AUTONOMOUS INSTITUTION UNDER MAKAUT

As an autonomous institution under MAKAUT, DSCSITSC designs its own innovative curriculum, conducts exams independently, and ensures academic excellence aligned with industry needs.



TOP PLACEMENT OFFERS - ₹23.5 LPA HIGHEST PACKAGE



With companies like Zscaler offering ₹23.5 LPA and an average package of ₹9 LPA, DSCSITSC ranks among the top emerging tech colleges in India for career outcomes.

02

NAAC 'A' GRADE & NBA ACCREDITED

Accredited with NAAC 'A' Grade and NBA, the institute meets national quality standards in academics, faculty, research, and infrastructure.



IDEA LAB COMING SOON



An AICTE Idea Lab is in the pipeline, providing students with hands-on exposure to innovation, design thinking, and entrepreneurship.

04

INDUSTRY-ALIGNED CURRICULUM

Regularly updated programs based on current industry demands ensure students gain practical, indemand skills



MODERN CAMPUS INFRASTRUCTURE



Smart classrooms, well equipped labs, drone lab, robotics labs, a digital library, innovation and incubation hub, and a high-speed internet-enabled campus provides 360 degree learning environment.

06

ZERO-RAGGING CAMPUS

DSCSITSC maintains a strict no-ragging policy, fostering a safe, inclusive, and welcoming atmosphere for all students





DEDICATED MENTORSHIP PROGRAM



Each student is assigned a faculty mentor who provides continuous academic and personal guidance throughout their college journey.

80

BEYOND-THE-CURRICULUM TRAINING

Training in soft skills, communication, coding, aptitude, personality development, and entrepreneurship is provided alongside academic studies.



STRONG PLACEMENT & CAREER SUPPORT CELL



A proactive Career Development Cell conducts training sessions, mock interviews, and internship drives to prepare students for the corporate world.

10

BOOK BANK FACILITY & DIGITAL LIBRARY

The college offers a book bank service where students can borrow essential textbooks for an entire semester at no cost and also a digital library.



AFFORDABLE FEES & SCHOLARSHIPS



High-quality education at affordable costs, with access to merit-based, government, and need-based scholarships for eligible students.

12

EMPHASIS ON SPORTS & CO-CURRICULARS

The on-campus sports complex encourages physical development, team spirit, and overall well-being.



PRIME LOCATION IN KOLKATA



SurTech College is conveniently located just 5km from the Airport, 2 km from the Metro Station, 2 km from the Railway Station, and directly accessible via the main road.

14

ACTIVE STUDENT CLUBS & TECH FESTS

Students engage in hackathons, robotics, cultural festivals, innovation challenges, and entrepreneurship activities that build leadership and creativity.

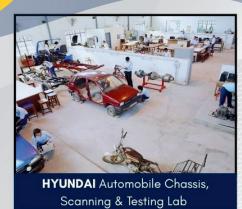


PROUD HOST OF NCC 2B BATTALION



Empowering students with discipline, leadership, and a spirit of service through the prestigious NCC 2 Bengal Battalion, fostering holistic development beyond academics.

16



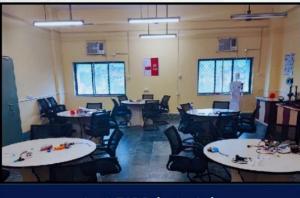
CENTRE OF EXCELLENCE



JIS DRONE Academy Lab



LogicZAP Electrical Vehicles Lab



LogicZAP Robotics Lab



BCCI Cyber Security & Data Science Lab







TVS Motor



COURSES OFFERED

B. Tech

2025-26

- COMPUTER SCIENCE & ENGINEERING
- COMPUTER SCIENCE & ENGINEERING (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)
- ELECTRONICS & COMMUNICATION ENGINEERING
- ELECTRICAL ENGINEERING
- CIVIL ENGINEERING
- MECHANICAL ENGINEERING
- AUTOMOBILE ENGINEERING
- COMPUTER SCIENCE & ENGINEERING (DATA SCIENCE)
- COMPUTER SCIENCE & ENGINEERING (CYBER SECURITY)
- ELECTRONICS & COMPUTER SCIENCE

M. Tech

- MECHANICAL ENGINEERING
- ELECTRONICS & COMMUNICATION ENGINEERING
- STRUCTURAL ENGINEERING (CIVIL)

Diploma

- Civil Engineering
- Automobile Engineering

Management

Bachelor of Business Administration (BBA)

Computer Application

Bachelor of Computer Application (BCA)

Contact:

9330906110 9073322508 8902496652



LEARNING RESOURCES

Book Bank facility

Video lectures and online courseware.

Access to E-Books (Wiley) 3

Printed journals and 4 magazines.

Online database access (J Gate).

Membership in professional societies.

Turnitin.

National Digital Library and 8 **British Council Library access.** E-Journal (IEEE ASSP)

Literature books, CDs, and DVDs.

CCTV surveillance with Wi-Fi access.

Remote access to eresources via FTP server.

Guidance section and a repository of question banks.

Reprographic facility and a reading room with over 100 seats,

Digital library with 10 multimedia-enabled terminals.

Video editing software.





PROGRAMS

@ SURTECH



Duration:

• 4 years

Eligibility Criteria:

• Candidates must pass Higher Secondary (10+2) Examination of West Bengal Council of Higher Secondary Education or equivalent examination from a recognized Council/Board with Individual pass marks in Physics and subjects **Mathematics** compulsory with as along (Chemistry/Biology/BioTechnology/Computer Science/Computer Application/Electronics/Information Technology/Informatics Practice) having minimum of 45% marks in the above subjects taken together (40% for SC/ST/PwD/OBC candidates) as well as pass in English with a minimum of 30% marks (for all categories of candidates) in the said qualifying examination. Lower age limit is 17 as on 31.12.2025

Selection Process:

- Through WBJEE/JEE Main Counselling
- Through CEE-AMPAI Counselling
- Through Decentralized Monitored Counselling based on Merit



B.Tech (Lateral)

Duration:

• 3 years

Eligibility Criteria:

- Diploma from any AICTE approved Institution / B.Sc. Degree from any recognized University as defined by UGC having at least 45% marks (40% for Reserve Category) and pass marks in XII standard with Mathematics in case of B.Sc. Degree holders.
- The students belonging to B.Sc. stream shall have to clear the Engineering Graphics / Engineering Drawing & Engineering Mechanics of the 1st year Engineering programme along with the 2nd year subjects. Upper age limit for B.Sc. Degree holder is 27 as on 31.12.2025

Selection Process:

- Through WBJELET Counselling
- Through Decentralized Counselling based on Merit



Duration:

• 2 years

Eligibility Criteria:

- ME B.E./B.Tech. In ME/Production Engg or equivalent with minimum of 50% marks.
- Comm. Engg. B.E./B.Tech. in ECE /AEIE /EE/IT/M.Sc. In Electronics /Physics (with Electronics special) or equivalent* to B.E./B.Tech. with minimum of 50% marks.
- Structural Engg BE/B.Tech. in Civil Engineering

Selection Process:

• Through GATE / PGET/CEE-AMPAI Masters



Diploma

Duration:

• 3 years

Eligibility Criteria:

- Passed /appeared* Madhyamik or Class 10 Equivalent Board Examinations with Science / Physical Science and Mathematics from any recognized Board/Council/ Institute.
- subject to submission of pass certificate /marksheet at the time of counseling /admission.

Selection Process:

- Through JEXPO Counselling
- Through Direct Admission based on Merit



Diploma Lateral Entry

Duration:

• 2 years

Eligibility Criteria:

- Passed / appeared* Higher Secondary or
- 10+2 Board Examination or H.S.
- (Vocational) Examination of WBSCT&VE&SD or equivalent examination with Physics/ Mathematics/ Chemistry/ Computer Science/ Electronics/ Information Technology/ Biology/ Informatics Practices/Biotechnology/ Technical Vocational subject/ Agriculture/ Engineering Graphics/ Business Studies/ Entrepreneurship as per table 8.4 of AICTE's Approval Process Handbook 2024-2027.
- * subject to submission of pass certificate / marksheet at the time of counseling/admission.

OR

- Passed 10th + 2 year ITI (continuous) shall be eligible for admission to Second Year Diploma Course(s) in any branch of Engineering and Technology.
- Appearing ITI candidates are not eligible.

Selection Process:

- Through JEXPO Counselling
- Through Direct Admission based on Merit



COMPUTER SCIENCE & ENGINEERING

The B.Tech in Computer Science and Engineering (CSE) at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) is a prestigious undergraduate program designed to meet the evolving demands of the tech industry. SurTech is an Autonomous Institute under MAKAUT, approved by AICTE, and proudly holds NAAC "A" Grade and the Department is NBA Accredited, reflecting its commitment to academic excellence and quality education.

- **NBA Accredited & Autonomous:** The department is NBA-accredited and part of an autonomous institute, ensuring academic excellence, quality assurance, and industry-aligned flexibility in education.
- **E Research & Innovation Excellence:** Faculty have presented and published numerous research papers in international conferences and journals (IEEE, Elsevier), showcasing work on AI, ML, IoT, drone systems, and more.
- Patents & IPR Activities: Multiple patents filed and published on innovations like AI-based fall detection devices and healthcare monitoring systems highlight the department's research capability.
- Strong FDP Engagement: Faculty actively participate in FDPs across India's top institutes on cuttingedge topics like AI, IoT, ML, cloud computing, and research methodology—ensuring updated pedagogy.
- Industry Institute Collaboration: Industrial visits (e.g., ObjectSol Technologies Pvt. Ltd.) and MoUs (e.g., LI-MAT Soft Solutions Pvt. Ltd.) provide students with real-world exposure and internship opportunities.
- Y Student Excellence in Hackathons: Students regularly win and rank in national-level competitions like Smart India Hackathon (SIH 2024), showcasing AI-based classroom management and more.
- Project Competitions & Startup Ideas: The department promotes innovative student projects with real-world applications in water management, smart resumes, driver safety, etc., through regular competitions.
- Cultural & Extracurricular Development: A balanced focus on co-curricular and extracurricular activities, including sports, wall magazine publication, Independence Day celebration, and alumni interaction.
- Vision for Lifelong Learning & Societal Development: Aligned with PEOs and POs, the department promotes ethics, sustainability, lifelong learning, and global readiness in students.



COMPUTER SCIENCE & ENGINEERING (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

The B.Tech in CSE (Artificial Intelligence & Machine Learning) at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) is a future-ready program that focuses on the rapidly growing fields of AI and ML. SurTech is an Autonomous Institute under MAKAUT, approved by AICTE, and accredited with a prestigious NAAC "A" Grade, ensuring high academic standards and quality education.

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COMPUTER SCIENCE & ENGINEERING (DATA SCIENCE)

The B.Tech in CSE (Data Science) program at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) is designed to equip students with the knowledge and skills required to excel in the data-driven world. SurTech is an Autonomous Institute under MAKAUT, approved by AICTE, and accredited with a prestigious NAAC "A" Grade, ensuring academic excellence and industry relevance.

- **E Research & Innovation Excellence:** Faculty have presented and published numerous research papers in international conferences and journals (IEEE, Elsevier), showcasing work on AI, ML, IoT, drone systems, and more.
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- Y Student Excellence in Hackathons: Students regularly win and rank in national-level competitions like Smart India Hackathon (SIH 2024), showcasing AI-based classroom management and more.
- Project Competitions & Startup Ideas: The department promotes innovative student projects with real-world applications in water management, smart resumes, driver safety, etc., through regular competitions.
- Cultural & Extracurricular Development: A balanced focus on co-curricular and extracurricular activities, including sports, wall magazine publication, Independence Day celebration, and alumni interaction.
- Vision for Lifelong Learning & Societal Development: Aligned with PEOs and POs, the department promotes ethics, sustainability, lifelong learning, and global readiness in students.



COMPUTER SCIENCE & ENGINEERING (CYBER SECURITY)

The B.Tech in CSE (Cyber Security) at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) is a cutting-edge undergraduate program focused on securing digital systems and networks. SurTech, an Autonomous Institute under MAKAUT, is approved by AICTE and accredited with a prestigious NAAC "A" Grade, ensuring high-quality education and industry relevance.

- **E Research & Innovation Excellence:** Faculty have presented and published numerous research papers in international conferences and journals (IEEE, Elsevier), showcasing work on AI, ML, IoT, drone systems, and more.
- Patents & IPR Activities: Multiple patents filed and published on innovations like AI-based fall detection devices and healthcare monitoring systems highlight the department's research capability.
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- Y Vision for Lifelong Learning & Societal Development: Aligned with PEOs and POs, the department promotes ethics, sustainability, lifelong learning, and global readiness in students.



ELECTRONICS & COMMUNICATIONS ENGINEERING

The B.Tech in Electronics & Communication Engineering (ECE) at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) offers a future-ready curriculum focused on electronics, communication systems, embedded technologies, and digital signal processing. SurTech is an Autonomous Institute under MAKAUT, approved by AICTE, and accredited with a prestigious NAAC "A" Grade, the Department is NBA Accredited ensuring academic excellence and industry alignment.

- **NBA Accredited & Autonomous Institute:** Offers quality technical education under NBA accreditation within an autonomous, progressive academic framework.
- E Strong R&D and Publication Culture: Faculty have published in SCIE-indexed journals like Electrica and Journal of Electronic Testing, with topics spanning ML, QCA, and electronics design.
- **Quantity Applications** Patents & Intellectual Property: Faculty have successfully published and granted patents on advanced ECE applications, including IoT-based medical and robotic innovations.
- Active Faculty Development Program Participation: Faculty have attended FDPs across renowned institutions on topics like VLSI Nanotech, Robotics, and Cognitive Assessment, staying updated with industry trends.
- Industry-Aligned Events & Expert Talks: Regular industry-oriented sessions such as Rapid Prototyping, IoT Workshops, and Nanophysics seminars bridge academic concepts with real-world application.
- Endustrial Visit to ATS (Airport Air Traffic System): Practical exposure to live ATC technologies and CNS systems at Netaji Subhas Chandra Bose International Airport provides valuable field learning.
- Student Innovations & Research: Multiple student teams have published in national and international conferences (RAFEET, ISACS) on advanced ECE topics like UWB filters, smart converters, and IoT systems.
- MoU with Livid Design Inc.: Strengthens industry-academia collaboration in prototype development and IP filing—critical for students aspiring toward product innovation and startups.
- **Alumni & Entrepreneurship Engagement:** Inspirational alumni talks, like "Aspiring to Inspire," motivate current students on entrepreneurship and digital media leadership pathways.
- Strong Placement & GATE Success: ECE 2025 batch students placed in companies like TCS, Capgemini, Pushpa Jewellers, etc., with GATE success (e.g., Rohit Chakraborty) reinforcing academic excellence.



ELECTRONICS & COMPUTER SCIENCE

The B.Tech in Electronics & Computer Science at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) is an interdisciplinary program that integrates core concepts of electronics with modern computing technologies. SurTech is an Autonomous Institute under MAKAUT, approved by AICTE, and accredited with a prestigious NAAC "A" Grade, ensuring a high standard of education and academic excellence.

- E Strong R&D and Publication Culture: Faculty have published in SCIE-indexed journals like Electrica and Journal of Electronic Testing, with topics spanning ML, QCA, and electronics design.
- <u>Solutions</u> Patents & Intellectual Property: Faculty have successfully published and granted patents on advanced ECE applications, including IoT-based medical and robotic innovations.
- Active Faculty Development Program Participation: Faculty have attended FDPs across renowned institutions on topics like VLSI Nanotech, Robotics, and Cognitive Assessment, staying updated with industry trends.
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- Strong Placement & GATE Success: ECE 2025 batch students placed in companies like TCS, Capgemini, Pushpa Jewellers, etc., with GATE success (e.g., Rohit Chakraborty) reinforcing academic excellence.



B.Tech CIVIL ENGINEERING

The B.Tech in Civil Engineering (CE) at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) is a robust and industry-oriented program that prepares students to design, develop, and maintain infrastructure systems. SurTech is an Autonomous Institute under MAKAUT, approved by AICTE, and proudly holds both NAAC "A" Grade and the Department is NBA Accredited, reflecting its commitment to academic excellence and quality education.

- \(\mathbb{P} \) NBA & NAAC "A" Accreditation: The department holds prestigious accreditations, ensuring high academic standards and national-level recognition for excellence in technical education.
- E Strong Academic Backbone: Faculty from reputed institutes like IITs, NITs, IIEST, and JU enrich the teaching-learning process with their knowledge and research expertise.
- See Research & Patent Excellence: Faculty and students have published multiple patents and book chapters, with consistent wins in the JIS Samman, Puroskar, and Innovation Awards.
- * Industry-Institute Linkages via MoUs: MoUs with organizations like Imaginminds CADD and MAKAUT's Renewable Energy Department foster practical training, research, and internship opportunities.
- **Modern Labs & Beyond-Syllabus Learning:** State-of-the-art laboratories are complemented by expertled experiments and workshops, going beyond the curriculum to enhance student competency.
- 100% Internship Placement for B.Tech Final Year: All final-year students were successfully placed in reputed government and private organizations like PWD and L&T for industrial internships.
- Active Participation in FDPs & MOOCs: Faculty regularly complete AICTE-recognized FDPs and international MOOC certifications, ensuring updated pedagogy and domain expertise.
- Sustainability & Innovation-Centric Curriculum: Research and events revolve around sustainable construction, smart infrastructure, and eco-friendly practices, preparing students for modern challenges.
- Regular Conferences, Seminars, and Workshops: The department organized an international conference, multiple seminars/webinars, and hands-on workshops, promoting a strong academic ecosystem.
- Student Achievements & Publication Culture: Students regularly publish in international journals and conferences, and secure awards for innovation and research, nurturing a culture of academic excellence.



MECHANICAL ENGINEERING

The B.Tech in CSE (Artificial Intelligence & Machine Learning) at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) is a future-ready program that focuses on the rapidly growing fields of AI and ML. SurTech is an Autonomous Institute under MAKAUT, approved by AICTE, and accredited with a prestigious NAAC "A" Grade, ensuring high academic standards and quality education.

- III Established Academic Legacy: Founded in 2009, the department offers B.Tech and M.Tech programs with a strong emphasis on research, industry-readiness, and innovation.
- Distinguished Faculty & Research Excellence: Faculty have published in SCI-indexed journals, actively participated in FDPs, and received prestigious awards like the JIS Academics and Innovation Puraskar.
- * International FDP & Eminent Collaborations: Hosted an International FDP featuring speakers from IIT Kharagpur, CSIR, IIEST, and University of North Dakota, focusing on research funding and industry-academia synergy.
- Real-World Industrial Exposure: Conducted industrial visits to Texmaco Rail & Engineering Ltd. and Binay Udyog Pvt. Ltd., where students experienced processes like plasma cutting, centrifugal casting, and CNC machining.
- **Project-Based Learning & Competitions:** Organized "Upcycling Brilliance" a large-scale project competition with 89 students across 28 teams presenting sustainable, innovative prototypes.
- E Student Research & Paper Presentations: M.Tech and B.Tech students presented award-winning research papers at national and international conferences, including IPRoMM 2024 and RAFET 2025.
- Additive Manufacturing Seminar & Career Guidance: Delivered focused training on 3D printing, CNC, AutoCAD, SolidWorks, and career counseling to bridge academic learning with industry needs.
- Academia-Industry Summit 2024: Connected over 300 students with experts in AI integration, TOEFL prep, and global education pathways—bridging classroom learning with international industry trends.
- Strong Mentorship & Personal Development Support: Faculty-student interactions extend beyond classroom hours, offering career guidance, research mentoring, and personal growth initiatives.
- \ Commitment to "Make in India" Vision: Aligns with national priorities by promoting manufacturing innovation, entrepreneurship, and quality education in core engineering disciplines.



ELECTRICAL ENGINEERING

The B.Tech in Electrical Engineering (EE) at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) is a comprehensive program designed to build strong foundations in electrical systems, power generation, control systems, and emerging technologies. SurTech is an Autonomous Institute under MAKAUT, approved by AICTE, and accredited with a prestigious NAAC "A" Grade, ensuring high-quality education and academic excellence.

- M Advanced Lab Infrastructure: Equipped with 11+ state-of-the-art labs including EV Lab, Drone Lab, Power Systems Lab, and Simulation Lab promoting future-ready, hands-on engineering.
- Rich Research & Publication Output: Faculty and students have presented at premier international conferences (IEEE, Springer, AIP) and co-authored high-impact books and journal articles on AI, power systems, and energy solutions.
- Multiple Patents & Copyrights Filed: Innovations like MagniAir, TransAirgy, and VoltNosticsAI reflect leadership in wireless power transfer, battery management, and renewable energy.
- Consistent FDP & MOOC Participation: Faculty attended AICTE ATAL FDPs on LLMs, EVs, IoT, and Sustainable Energy. Also certified from IIT Bombay, University at Buffalo, and Coursera platforms.
- Strong Industry Collaborations & MoUs: MoUs signed with Dynamic Engineering, Cybermotion, Ardent Computech, MSME Tool Room, and more for training, innovation, and project mentorship.
- **K** High-Impact Student Innovations: Students won awards and grants for solutions in smart transformers, EV battery tech, IoT irrigation, drone power, air quality monitoring, and AI-driven forecasting.
- **Competitive Success & Outreach:** Top ranks in CodeSummit@Sikkim, RAFET, Meghnath Saha Mela, Book Fair, and more—showcasing student excellence in project and paper presentations.
- Industry Visits & Experiential Learning: Organized multiple industrial visits to WBSEDCL substations, Binay Udyog Pvt. Ltd., Ardent Computech, and MSME centers, bridging theory and practice.
- Events, Workshops & Start-up Culture: Hosted "Upcycling Brilliance" project competition, drone demonstrations, Green Energy workshops, and Entrepreneurship Awareness Programs, fueling innovation.
- © Career Readiness & Placement Success: Students placed at Phinix, Amphenol, Lumino Industries, Gold Stone Cement, and more reflecting the department's strong industry alignment and skill development.



AUTOMOBILE ENGINEERING

The B.Tech in Automobile Engineering (AUE) at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) is a specialized undergraduate program that prepares students for the evolving automotive industry. SurTech is an Autonomous Institute under MAKAUT, approved by AICTE, accredited with a prestigious NAAC "A" Grade, and the Automobile Engineering Department is NBA Accredited, ensuring quality education and academic excellence.

- NBA Accredited: NBA Accreditation validates quality, ensures global recognition, and fosters continuous improvement.
- Autonomous Institute: Empowered with academic freedom, curriculum flexibility, and industry-aligned education.
- A HMIL Sponsored Advanced Engine Lab: Cutting-edge research, innovation, and skill development for future automotive powertrains.
- El LOGICZAP NextGen Sponsored EV Lab: Propelling EV innovation, research, and skill development for sustainable mobility.
- TVSM Sponsored Two-Three Wheeler Lab: Revolutionizing mobility: Two & Three-wheeler EV Lab for a sustainable future.
- State-of-the-Art Lab: Fueling innovation, hands-on learning, and future-ready engineering solutions.
- **Project-Based Learning:** Hands-on, real-world problems for deep, meaningful, and applied learning.
- **Beyond Curriculum Training:** Enhancing skills, fostering innovation, and preparing for industry demands via soft skill and aptitude training.
- Industrial Interaction: Hands-on industry exposure, site visits, and internships for practical skill development.
- Mentorship Program: Experienced guidance for students, fostering growth and career readiness.



ELECTRONICS & COMMUNICATION ENGINEERING

The M.Tech in Electronics & Communication Engineering at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) is a postgraduate program aimed at advancing knowledge in modern electronics and communication technologies. SurTech is an Autonomous Institute under MAKAUT, approved by AICTE, and accredited with a prestigious NAAC "A" Grade, reflecting its commitment to academic and research excellence.

- E Strong R&D and Publication Culture: Faculty have published in SCIE-indexed journals like Electrica and Journal of Electronic Testing, with topics spanning ML, QCA, and electronics design.
- <u>Solutions</u> Patents & Intellectual Property: Faculty have successfully published and granted patents on advanced ECE applications, including IoT-based medical and robotic innovations.
- Active Faculty Development Program Participation: Faculty have attended FDPs across renowned institutions on topics like VLSI Nanotech, Robotics, and Cognitive Assessment, staying updated with industry trends.
- Endustry-Aligned Events & Expert Talks: Regular industry-oriented sessions such as Rapid Prototyping, IoT Workshops, and Nanophysics seminars bridge academic concepts with real-world application.
- Student Innovations & Research: Multiple student teams have published in national and international conferences (RAFEET, ISACS) on advanced ECE topics like UWB filters, smart converters, and IoT systems.
- MoU with Livid Design Inc.: Strengthens industry-academia collaboration in prototype development and IP filing—critical for students aspiring toward product innovation and startups.
- Alumni & Entrepreneurship Engagement: Inspirational alumni talks, like "Aspiring to Inspire," motivate current students on entrepreneurship and digital media leadership pathways.



MECHANICAL ENGINEERING

The M.Tech in Mechanical Engineering at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) is a postgraduate program designed to provide advanced knowledge and research-oriented skills in mechanical systems and technologies. SurTech is an Autonomous Institute under MAKAUT, approved by AICTE, and accredited with a prestigious NAAC "A" Grade, ensuring academic excellence and industry relevance.

- III Established Academic Legacy: Founded in 2009, the department offers B.Tech and M.Tech programs with a strong emphasis on research, industry-readiness, and innovation.
- Distinguished Faculty & Research Excellence: Faculty have published in SCI-indexed journals, actively participated in FDPs, and received prestigious awards like the JIS Academics and Innovation Puraskar.
- * International FDP & Eminent Collaborations: Hosted an International FDP featuring speakers from IIT Kharagpur, CSIR, IIEST, and University of North Dakota, focusing on research funding and industry-academia synergy.
- Real-World Industrial Exposure: Conducted industrial visits to Texmaco Rail & Engineering Ltd. and Binay Udyog Pvt. Ltd., where students experienced processes like plasma cutting, centrifugal casting, and CNC machining.
- **Project-Based Learning & Competitions:** Organized "Upcycling Brilliance" a large-scale project competition with 89 students across 28 teams presenting sustainable, innovative prototypes.
- E Student Research & Paper Presentations: M.Tech and B.Tech students presented award-winning research papers at national and international conferences, including IPRoMM 2024 and RAFET 2025.
- Additive Manufacturing Seminar & Career Guidance: Delivered focused training on 3D printing, CNC, AutoCAD, SolidWorks, and career counseling to bridge academic learning with industry needs.
- Academia-Industry Summit 2024: Connected over 300 students with experts in AI integration, TOEFL prep, and global education pathways—bridging classroom learning with international industry trends.
- Strong Mentorship & Personal Development Support: Faculty-student interactions extend beyond classroom hours, offering career guidance, research mentoring, and personal growth initiatives.
- Commitment to "Make in India" Vision: Aligns with national priorities by promoting manufacturing innovation, entrepreneurship, and quality education in core engineering disciplines.



STRUCTURAL ENGINEERING (CIVIL)

The M.Tech in Structural Engineering (Civil) at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) is a specialized postgraduate program focused on the analysis, design, and evaluation of structures. SurTech is an Autonomous Institute under MAKAUT, approved by AICTE, and accredited with a prestigious NAAC "A" Grade, reflecting its dedication to academic and professional excellence.

- \(\mathbb{Y} \) NBA & NAAC "A" Accreditation: The department holds prestigious accreditations, ensuring high academic standards and national-level recognition for excellence in technical education.
- E Strong Academic Backbone: Faculty from reputed institutes like IITs, NITs, IIEST, and JU enrich the teaching-learning process with their knowledge and research expertise.
- See Research & Patent Excellence: Faculty and students have published multiple patents and book chapters, with consistent wins in the JIS Samman, Puroskar, and Innovation Awards.
- * Industry-Institute Linkages via MoUs: MoUs with organizations like Imaginminds CADD and MAKAUT's Renewable Energy Department foster practical training, research, and internship opportunities.
- **Modern Labs & Beyond-Syllabus Learning:** State-of-the-art laboratories are complemented by expertled experiments and workshops, going beyond the curriculum to enhance student competency.
- Active Participation in FDPs & MOOCs: Faculty regularly complete AICTE-recognized FDPs and international MOOC certifications, ensuring updated pedagogy and domain expertise.
- Sustainability & Innovation-Centric Curriculum: Research and events revolve around sustainable construction, smart infrastructure, and eco-friendly practices, preparing students for modern challenges.
- Regular Conferences, Seminars, and Workshops: The department organized an international conference, multiple seminars/webinars, and hands-on workshops, promoting a strong academic ecosystem.
- Student Achievements & Publication Culture: Students regularly publish in international journals and conferences, and secure awards for innovation and research, nurturing a culture of academic excellence.



DIPLOMA

AUTOMOBILE ENGINEERING

The Diploma in Automobile Engineering (AUE) at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) is a career-focused program that equips students with the technical knowledge and practical skills required in the automotive industry. The institute is affiliated to the West Bengal State Council of Technical and Vocational Education and Skill Development, approved by AICTE, and accredited with a prestigious NAAC "A" Grade, ensuring a high standard of technical education.

- WBSCT&VE&SD Affiliated: Providing quality automobile engineering diploma education, affiliated with WBSCT&VE&SD.
- A HMIL Sponsored Advanced Engine Lab: Cutting-edge research, innovation, and skill development for future automotive powertrains.
- **LOGICZAP NextGen Sponsored EV Lab:** Propelling EV innovation, research, and skill development for sustainable mobility.
- TVSM Sponsored Two-Three Wheeler Lab: Revolutionizing mobility: Two & Three-wheeler EV Lab for a sustainable future.
- State-of-the-Art Lab: Fueling innovation, hands-on learning, and future-ready engineering solutions.
- **Project-Based Learning:** Hands-on, real-world problems for deep, meaningful, and applied learning.
- **100**% **Internship:** Practical industry exposure, skill development, and career readiness for students.
- Industrial Interaction: Hands-on industry exposure, site visits, and internships for practical skill development.
- Mentorship Program: Experienced guidance for students, fostering growth and career readiness.



DIPLOMA

CIVIL ENGINEERING

The Diploma in Civil Engineering (CE) at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) is a skill-oriented program designed to provide foundational knowledge and practical training in civil engineering. The institute is affiliated to the West Bengal State Council of Technical and Vocational Education and Skill Development, approved by AICTE, and accredited with a prestigious NAAC "A" Grade, ensuring quality technical education.

- WBSCT&VE&SD Affiliated: Providing quality automobile engineering diploma education, affiliated with WBSCT&VE&SD.
- E Strong Academic Backbone: Faculty from reputed institutes like IITs, NITs, IIEST, and JU enrich the teaching-learning process with their knowledge and research expertise.
- See Research & Patent Excellence: Faculty and students have published multiple patents and book chapters, with consistent wins in the JIS Samman, Puroskar, and Innovation Awards.
- * Industry-Institute Linkages via MoUs: MoUs with organizations like Imaginminds CADD and MAKAUT's Renewable Energy Department foster practical training, research, and internship opportunities.
- **Modern Labs & Beyond-Syllabus Learning:** State-of-the-art laboratories are complemented by expertled experiments and workshops, going beyond the curriculum to enhance student competency.
- 100% Internship Placement for Final Year: All final-year students were successfully placed in reputed government and private organizations like PWD and L&T for industrial internships.
- Active Participation in FDPs & MOOCs: Faculty regularly complete AICTE-recognized FDPs and international MOOC certifications, ensuring updated pedagogy and domain expertise.
- Sustainability & Innovation-Centric Curriculum: Research and events revolve around sustainable construction, smart infrastructure, and eco-friendly practices, preparing students for modern challenges.
- Regular Conferences, Seminars, and Workshops: The department organized an international conference, multiple seminars/webinars, and hands-on workshops, promoting a strong academic ecosystem.
- Student Achievements & Publication Culture: Students regularly publish in international journals and conferences, and secure awards for innovation and research, nurturing a culture of academic excellence.



MANAGEMENT

BBA

The Bachelor of Business Administration (BBA) program at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) is designed to build a strong foundation in business management and leadership. SurTech is an Autonomous Institute under MAKAUT, approved by AICTE, and accredited with a prestigious NAAC "A" Grade, reflecting its commitment to academic excellence and holistic development.

Tracks:

- Cloud and System Administration
- Web and Mobile Technology

Duration:

• 4 years

Eligibility Criteria:

• Passed 10+2 examination with eligibility as per the affiliating University admission policy.

Selection Process:

• Through CET Counselling



COMPUTER APPLICATION

BCA

The Bachelor of Computer Applications (BCA) program at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) is a comprehensive undergraduate course designed to build a strong foundation in computer science and application development. SurTech is an Autonomous Institute under MAKAUT, approved by AICTE, and accredited with a prestigious NAAC "A" Grade, ensuring quality education and academic excellence.

Tracks:

- Cloud and System Administration
- Web and Mobile Technology

Duration:

• 4 years

Eligibility Criteria:

• Passed 10+2 examination with eligibility as per the affiliating University admission policy.

Selection Process:

• Through CET Counselling



CLUBS

@ SURTECH



STUDENTS' CLUBS

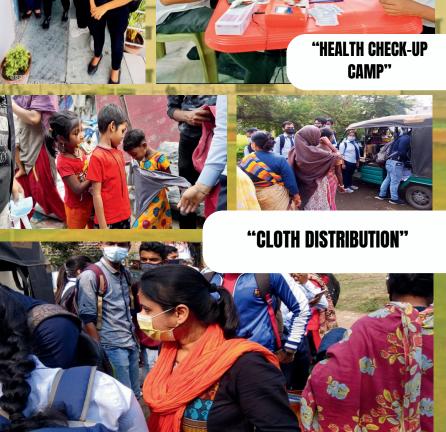




COMMUNITY CONNECT (NSS) CLUB







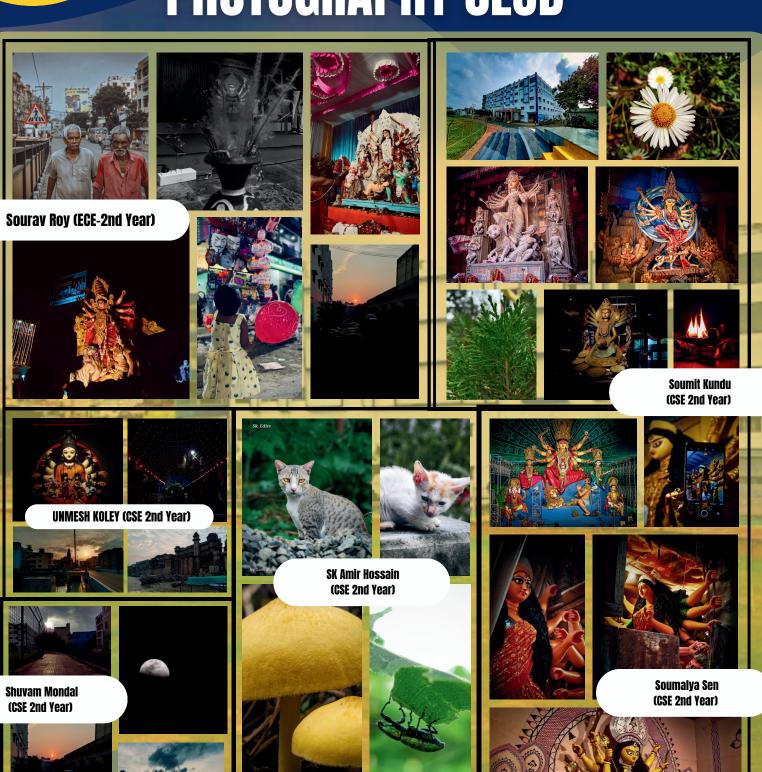


NATIONAL CADET CORPS (NCC)





PHOTOGRAPHY CLUB





ART & CRAFT DESIGNING CLUB





PLACEMENT

@ SURTECH















































































AND MORE...



STUDENT CHAPTER

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SURTECH



Indian Green
Building Council



Nikhil Bharat Shiksha Parishad



National Intellectual Property Awareness Mission



NDLI Club



I20R India Chapter



IEEE CAS
Student
Chapter



Computer Society of India



The Institution of Engineers



The Institution of Electronics and Telecommunication Engineering



SAE International



Indian Green
Building
Council



OUR INSTITUTIONS



IIS University (IISU) IIS School of Medical Science & Research IIS Institute of Advanced Studies & Research **IIS School of Management Studies** JIS College of Engineering Narula Institute of Technology Guru Nanak Institute of Dental Sciences & Research Guru Nanak Institute of Technology Guru Nanak Institute of Pharmaceutical Science & Technology (Pharmacy) Guru Nanak Institute of Pharmaceutical Science & Technology (Life Science) Guru Nanak Institute of Hotel Management Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex JIS School of Polytechnic Gola Polytechnic Chandil Polytechnic IIS Institute of Pharmacy Dr. Sudhir Chandra Sur Institute of Pharmaceutical Science & Technology IIS Bhutta College of Education JIS Institute of Skill Development **IIS Institute of Traffic Management** Central Model School Little Bright Stars Pre-School Asansol Engineering College (IV) Haldia Institute of Dental Science & Research (IV) Shree Narayan Medical Institute & Hospital (IV) Abacus Institute of Engineering & Management (JV) Greater Kolkata College of Engineering & Management (JV) Lord Buddha Koshi Medical College & Hospital (JV) ICARE Institute of Medical Science & Research & Dr. Bidhan Chandra Roy Hospital, Haldia (IV) Gargi Memorial Institute of Technology (IV) Lal Devi Nursing & Paramedical Institute (JV) Lord Buddha Koshi Pharmacy College (JV) Fleming College of Pharmacy (IV) Lord Buddha Koshi Nursing Sansthan (JV)

JIS College of Veterinary & Animal Sciences (JV)
Rhode Island Public School (JV)
Narula Public School (JV)



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JIS INDUSTRY INITIATIVES

Name: Hash Technologies Pvt. Ltd.

Type: JV

Full Address: 56, Jessore Road, Patipukur, Kolkata – 700 048

Phone/Fax: P: 033 2522 4884 | T: 033 2522 4886

Email: info@hashtechnologies.com Website: www.hashtechnologies.com

Name: S. Jodh Singh & Iswar Singh

Type: Own

Full Address: 20, B. T. Road, Kolkata - 700 002

Phone/Fax: P: 033 2558 2558 | T: 033 2557 5409 | F: 033 2557 3409

Email: info@jisgroup.org Website: www.jisgroup.org

Name: Northern Cargo Service

Type: Own

Full Address: 20, B. T. Road, Kolkata – 700 002

Phone/Fax: P: 033 2558 2559, 3290 7045 | F: 033 2557 5709

Email: northerncargoservice@gmail.com

Name: Narula Infrastructure Pvt. Ltd.

Type: Own

Full Address: 20, B. T. Road, Kolkata – 700 002 Phone/Fax: P: 033 2557 5525 | T: 033 2557 5409

Email: info@narulainfra.com Website: www.narulainfra.com

Name: JSIS Agro Pvt. Ltd.

Type: Own

Full Address: 20, B. T. Road, Kolkata – 700 002

Phone/Fax: P: 033 2556 2782, 2558 2558 | T: 033 2557 5409 • • •

Email: info@jisgroup.org Website: www.jisgroup.org



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JIS INDUSTRY INITIATIVES

Name: JSIS Iron & Steel (India) Pvt. Ltd.

Type: Own

Full Address: 20, B. T. Road, Kolkata – 700 002

Phone/Fax: P: 033 2556 3412 | T: 033 2557 5409 / 2556 2782

Email: jsisiron@jisgroup.org Website: www.jsisiron.com

Name: Guru Nanak Overseas Pvt. Ltd.

Type: Own

Full Address: 20, B. T. Road, Kolkata – 700 002 Phone/Fax: P: 033 2532 7867 | T: 033 2557 5409

Email: pawan.sharma@gocpl-jis.com

Name: Satnam Infrastructure Pvt. Ltd.

Type: JV

Full Address: 20, B. T. Road, Kolkata – 700 002

Phone/Fax: P: 033 2289 3945

Name: Mesa-Narula

Type: JV

Full Address: P 207, Goala Para Road (R.K. Sarani), Kolkata – 700 060

Phone/Fax: P: 033 2289 3945 Email: mesa.narula@jisgroup.org

Name: KR Movies Pvt. Ltd.

Type: Own

Full Address: 7, Sarat Bose Road, Kolkata – 700 020

Phone/Fax: P: 033 2289 3945 / 5323





DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

NAAC 'A' ACCREDITED AUTONOMOUS INSTITUTE
NBA ACCREDITED DEPARTMENTS
APPROVED BY AICTE & UGC | AFFILIATED TO MAKAUT

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