



**JOGESHWARI EDUCATION SOCIETY'S
COLLEGE OF COMMERCE SCIENCE & INFORMATION TECHNOLOGY**

(AFFILIATED TO UNIVERSITY OF MUMBAI)

Accredited by NAAC with 'B' Grade

JES Education Complex, Caves Road, Arvind Gandbhir Campus, Jogeshwari (East), Mumbai - 400 060
Tel : 022 2824 5527 / 83568 67783 | Email : jescollegecom@gmail.com | Web : jescollege.edu.in

Academic Report of BScIT of Year 2025-26

To enhance students' technical knowledge and skills, the department organized a total of five workshops and seminars during the academic year 2025-26. List of events are as follows:

Seminar on “Understanding and implementation of T.Y. Bsc.IT Final Year Project”

The B.Sc. IT Department, in collaboration with the JES Alumni Association, organized a seminar on 18th September 2025 for Third-Year B.Sc. IT students to provide guidance on project development, documentation, and implementation. The session aimed to help students understand the process of selecting innovative and feasible project topics, conducting background research, and applying theoretical knowledge to real-world applications. The resource person also emphasized the importance of problem-solving skills, teamwork, and effective technical presentation. Students actively participated in the interactive session by raising queries related to project planning, documentation, and emerging technologies, gaining valuable insights that will support them in their academic projects and future careers. The seminar proved to be highly beneficial, motivating students to think critically and creatively while developing their projects. A total of 40 students attended the seminar.

Workshop on Basics of Robotics using Microcontroller for F.Y.B.Sc. (IT) students

The Department of Information Technology organized a Workshop on Basics of Robotics using Microcontroller for F.Y.B.Sc. (IT) students on 10th and 12th January 2026 in Block No. 201 under the guidance of Dr. Archana Dhawade, with Ms. Pinky Kumhar as the resource person. The workshop aimed to introduce students to the fundamentals of robotics using microcontroller platforms such as Arduino Uno and provide hands-on experience in programming and hardware integration. During the sessions, students learned to use the Arduino IDE, program microcontrollers for basic robotic functions, and understand the integration of electronic components and mechanical systems in developing functional robotic models, effectively bridging theoretical concepts with practical implementation. A total of 41 students actively participated in the workshop, demonstrating enthusiasm and curiosity through hands-on activities, interactive discussions, and practical demonstrations. The workshop enhanced students' technical knowledge and programming skills in robotics and embedded systems, inspired them to develop innovative and low-cost robotic projects using readily available materials, and successfully fostered creativity, innovation, and a deeper interest in the field of robotics and embedded systems.

Workshop on “Basics of Robotics” for S.Y.B.Sc. (IT) students

The Department of Information Technology organized a Basics of Robotics Workshop for S.Y.B.Sc. IT students from 16th to 18th September 2025 to introduce them to the fundamental concepts of robotics, including robot design, programming, and practical applications. The

workshop aimed to familiarize students with robotics hardware and software while providing hands-on experience in assembling and programming robots using robotics kits, sensors, and Arduino-based microcontrollers. Students learned about key robotic components such as microcontrollers, ultrasonic and IR sensors, actuators, power supplies, and communication modules including Bluetooth and Wi-Fi. They were also introduced to programming concepts using C and C++ through the Arduino IDE for motor control and sensor integration. The practical sessions involved assembling, programming, testing, and troubleshooting an obstacle-avoiding robot, enabling students to apply theoretical concepts in a real-world environment. The workshop enhanced students' technical knowledge, programming skills, and understanding of robotics applications across various industries while encouraging innovation, problem-solving, and teamwork. A total of 68 students attended the workshop.

Workshop on "From Spark to Smart: DIY Robotics Using Everyday Components"

The Department of Information Technology organized a workshop titled "From Spark to Smart: DIY Robotics Using Everyday Components" on 25th August 2025 for F.Y.B.Sc. IT and S.Y.B.Sc. IT students with the objective of introducing participants to the fundamentals of robotics and automation using easily available, low-cost materials. The workshop aimed to bridge the gap between theoretical concepts and practical implementation while fostering creativity, innovation, and problem-solving skills through interactive, hands-on learning activities. The session successfully enabled students to transform theoretical knowledge into practical skills, igniting their curiosity and interest in robotics and demonstrating that advanced technological concepts can be effectively learned and implemented using simple, everyday components. The workshop received highly positive feedback, with participants appreciating its practical and engaging approach, which enhanced their confidence in working with robotics. A total of 46 students participated in the workshop.

Workshop on Mobile App Development

The Department of Information Technology organized a Workshop on Mobile App Development on 26th July 2025 from 8:00 AM to 3:00 PM in the IT Lab, 2nd Floor, with Mr. Siddesh Kulkarni as the resource person. The workshop aimed to introduce students to the fundamentals of mobile application development and the mobile ecosystem while providing practical knowledge of designing and developing basic mobile applications. Participants learned about the structure of mobile applications, integration of device features such as the camera, GPS, and notifications, and gained insights into current industry trends and career opportunities in the field of mobile application development. The interactive session enhanced students' technical skills and understanding of mobile app development, making it a valuable learning experience. A total of 40 students participated in the workshop, comprising 20 male and 20 female students.

"INNOVATHON", an Arduino-based Project Display Competition

The Department of Information Technology organized "Innovathon 2026", an Arduino Project Display, on 17th March 2026 from 10:30 a.m. to 12:00 p.m. to provide a platform for students to showcase their innovative hardware projects and demonstrate their technical skills in Arduino-based applications. A total of 31 students from F.Y., S.Y., and T.Y.B.Sc. IT participated in the event by presenting a variety of creative and practical projects that reflected the integration of programming and electronics under the theme "Where Code Meets Control." Students confidently explained the working principles, components, and real-world applications of their models, encouraging active participation, curiosity, peer learning, idea exchange, and exploration of emerging technologies. Faculty members appreciated the

participants' creativity and technical expertise, motivating them to further enhance their knowledge in hardware and embedded systems. Overall, Innovathon 2026 proved to be a successful and enriching event that fostered innovation, teamwork, practical learning, and problem-solving skills among students.



Rishelal

PRINCIPAL

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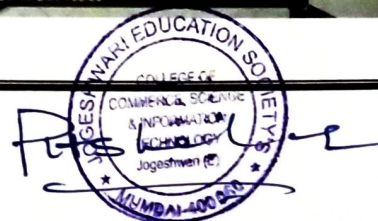
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Seminar on “Understanding and Implementation of TYBscIT Final Year Project”

Date: 18th December 2025

Venue: Block No 204





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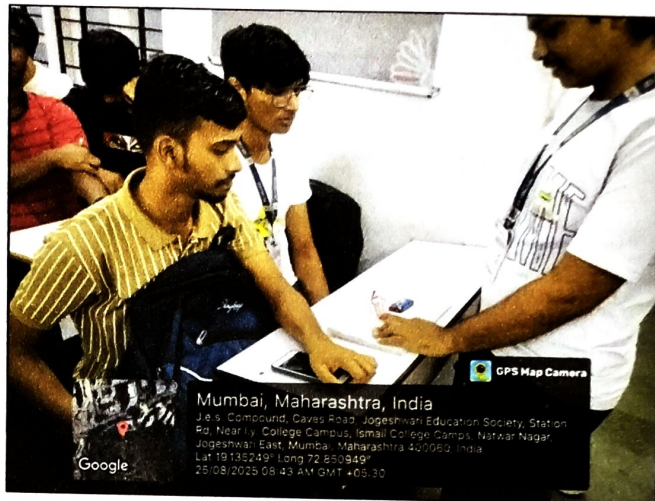
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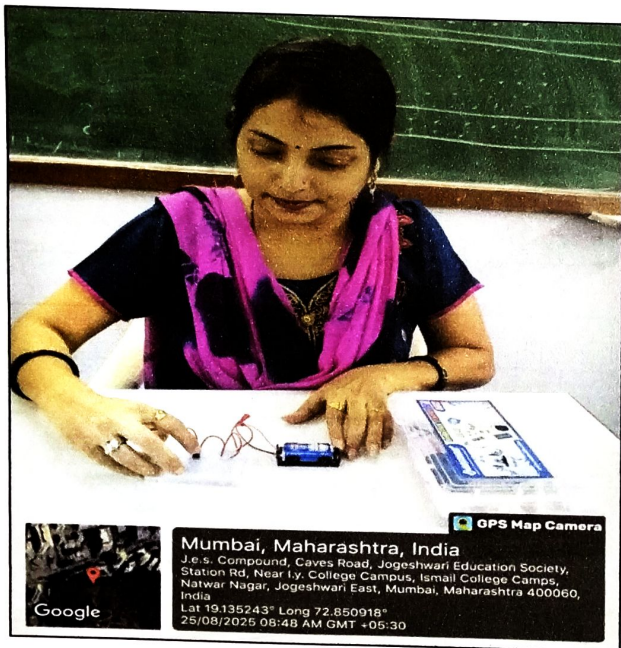
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Lat 19.135247° Long 72.850923°
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Workshop
on
From Spark to Smart: DIY Robotics Using Everyday Components"
Date: 25th August 2025
Venue: Block no 203



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Jogeshwari Education Society, Jogeshwari Education Society, Station Rd, Near I.y. College Campus, Ismail College Camps, Natwar Nagar, Jogeshwari East, Mumbai, Maharashtra 400060, India
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**Workshop on "Basics of Robotics" for
SYBSc.IT**

Date: 16th to 18th September, 2025

Venue: Block no. 203

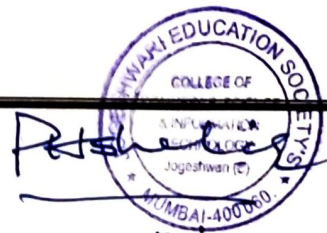


GPS Map Camera

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Innovathon Photos

