SMT. INDIRA GANDHI COLLEGE OF ENGINEERING,
GHANSOLI - 400701 (Autonomous)
DEPARTMENT OF CSE(IOTCSBC)
Approved by AICTE, DTE, Government of Maharashtra and Affiliated to University of Mumbai
(NAAC A Accredited)
Plot No. 1, Sector 8, Ghansoli, Navi Mumbai -400701, Maharashtra, India
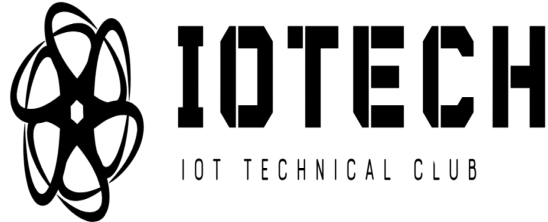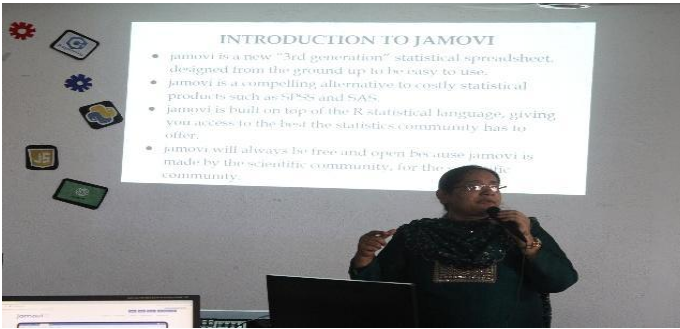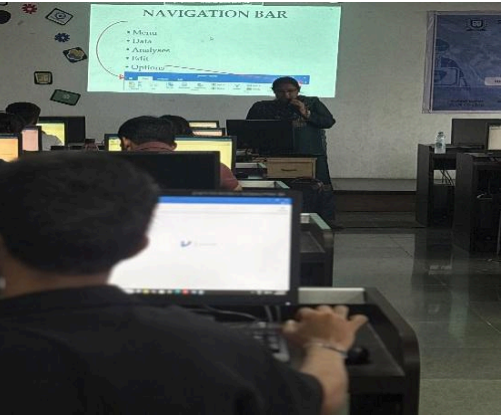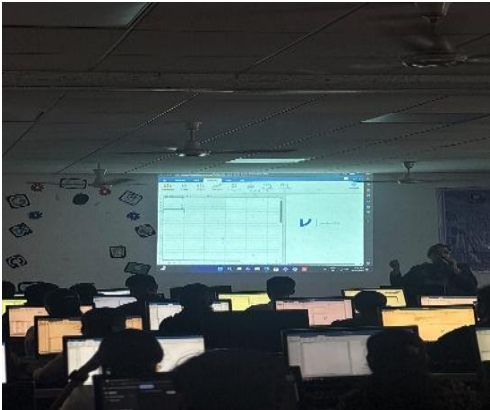Tel: 8080949300/7738921077 website: www.sigce.edu.in

DTE Code : EN3192
Inst. Code: 403

IOTECH
IOT TECHNICAL CLUB

Activity Title	Jamovi Event
Date	12th September 2025
Mode	Offline
Duration	4 Hours (1:00 pm – 5:00 pm)
Venue	Lab 601, 602
Event Organized by	IoTech Club
Speaker	Prof. Nikhat Shaikh
Volunteers	Core Members IoTECH
Registrations/ No. of Participants	50-60 Students of TE and BE

| Summary: | The IoTECH Club successfully organized a Seminar-cum-Workshop on Jamovi for TE and BE students on 16th September 2025. The session was conducted under the guidance of Prof. Nikhat Shaikh, who provided an in-depth understanding of the Jamovi platform, a powerful statistical analysis and data visualization tool.

During the workshop, students were introduced to the interface of Jamovi, its statistical functions, and practical applications in academic projects and research. The interactive nature of the session enabled participants to gain hands-on experience, making the concepts clearer and easy to apply in real-world scenarios.

Overall, the session proved to be highly informative and engaging. Students appreciated the workshop as it equipped them with valuable analytical skills useful for their academics, project work, and future professional endeavours. |
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Benefits for students	Here are the key **benefits for students** from the Jamovi seminar-cum-workshop: **Benefits of Students from the Event** 1. **Practical Learning** – Students got **hands-on training** with the Jamovi platform, making it easier to understand and apply statistical analysis in real time. 2. **Skill Development** – The workshop enhanced their **data analysis and visualization skills**, which are highly useful for academic projects, research, and industry work. 3. **Research Support** – Jamovi knowledge helps students in preparing **project reports, dissertations, and research papers** with accurate statistical backing. 4. **Career Readiness** – By learning a widely used analysis tool, students improved their **employability skills**, especially for roles in **data science, research, and analytics**. 5. **Confidence Building** – The interactive nature of the session boosted students' **confidence in using new software tools** and tackling analytical tasks independently. 6. **Future Applications** – Skills learned can be applied in **academic coursework, internships, and professional work**, giving them a competitive edge. 7. **Engagement & Awareness** – Students became aware of the **importance of statistical tools** in real-world problem-solving, bridging the gap between theory and practice

Photos:	
Feedback	Students found the session highly beneficial and expressed interest in having more workshops focusing on practical software tools for data analysis.

Activities Outcomes	Program Outcomes
PO2:- Problem analysis: To analyze the problem by finding its domain and applying domain specific skills. Q:- Are you able to identify research problems, select suitable statistical methods, and analyze datasets using Jamovi, leading to meaningful and evidence-based conclusions.	PO7-1, PO8-2, PO12-3, PSO2-2

PO5: Modern tool usage: To adapt the usage of modern tools and recent software. Q:-Are you able to apply Jamovi software as a modern statistical analysis tool for data visualization, hypothesis testing, and modeling, with an understanding of its scope and limitations.	PO7-1, PO8-2, PO12-3, PSO2-2

Prof. Sarita Bopalkar   Dr. Madhu N   Dr Sunil Chavan

Faculty Coordinator   **H.o.D**   **Principal**