



I do. I Learn...



For more details Contact:

Call: +91-80-26422598 / 26721983 - Extn 780

Email: info@sparsha-learning.com

www.sparsha-learning.com



About Sparsha Learning Technologies

Sparsha Learning Technologies is an e-learning technology startup founded in Jan 2010 by IIT/IIM alumni. Sparsha is headquartered at Indian Institute of Technology, Kharagpur - Science Technology Entrepreneur Park (STEP) and has an extended R&D center at PESIT CORI (Crucible of Research and Innovation), Bengaluru. Sparsha's vision is to enable learning through innovative and engaging learning methods.

The instructional methodologies of **Sparsha Learning Technologies** are based on a central philosophy of “**learning-by-doing**”. **Sparsha** designs products on Simulation-based learning which combines cutting-edge technology with the social aspect of human interaction to create interesting and engaging learning experiences.

For any information, please send an email to – info@sparsha-learning.com or 080-26721983, 26722108 Ext:780 or visit or R&D Center at CORI, PESIT, Bangalore.



I hear and I forget.



I see and I remember.



I do and I Learn!

Activity based learning solutions for Courses in Electronics and Computer Science designed by eminent educationists from IITs.

“ I strongly believe that active learning is very much more effective than passive learning. What one learns while doing stays much longer than what one learns by just hearing or even seeing ”

Prof Anup K Ray, CET, IIT Kharagpur

iLearnMore

Student Benefits

- Make your fundamentals stronger
- Learn application of theory
- Improve problem solving skills
- Be industry ready

Teacher Benefits

- Increase student involvement in class
- Increase student learning and retention
- Bring the lab virtually in classroom

College Benefits

- Increase quality of learning
- Align existing courses to NBA or Washington accord program outcomes
- Create differentiation

Sparsha is a STEP, IIT Kharagpur company

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For Student

“ We want to know how different concepts fit together and why they work. We want to create practical, real-world applications from the theory learnt in class. ”



Today industry needs students who are great problems solvers and have great analytical skills. Not only should they be able to solve a complex problem by breaking it into simple problems, but they should also be able built real world applications from the concepts learnt in the classroom.

What Sparsha provides!

▶ Problem based learning

Pedagogically designed courseware based on problem driven methodologies helps students solve higher order problems.

▶ Hands-on practice

The key to learn is to practice and apply the concepts learnt in the classroom. Our simulation based approach allows students to try out the various “what if” scenarios.

▶ System level design

Basic concepts are not enough. That is why we focus strongly on creating system level applications. We built on top of the basic concepts, and bring them together in a easy yet systematic way. The students learn how to join the pieces to create great applications.

What you would achieve?

- ▶ Understand key concepts of the course
- ▶ Practice to reinforce the concepts
- ▶ Improve problem solving skills by solving higher order problems.
- ▶ Build system level applications to integrate concepts with real life.

“ It was user friendly and was easier to work on. The learning material was good which helped us to learn the concepts well and the tool is very interesting to work on. ”

Mary Infant Sonia, Mount Carmel, Bangalore

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For Teachers

“ We want to make the class more interesting; retentive; engaged; involved; fun and above all bring in activity in the classroom. ”

Teachers continuously strive to improve the quality of teaching and assessments both inside and outside the class. However, what they can deliver to students is often limited by the technologies available today, and the amount of time taken. A solution that saves time while aiding delivery of high quality learning, and help engage students more effectively is the need of the hour.



What Sparsha provides!

▶ Interactive Demonstrations

Real looking devices enable teachers to create more interactive demonstrations. Pre-built designs aligned to course syllabus help them save time.

▶ Integrate with your existing teaching methods

Existing lesson plan can be mapped into iLearnMore and teacher can import their own instruction material in the tool.

▶ In-class assessment

Ability to do continuous assessments enables teachers to monitor learning progress in class and make the class more engaging.

What you would achieve?

- ▶ Use pre-designed instructional material or import your own.
- ▶ Use pre-built designs/simulations in class to save time.
- ▶ Create interactive demonstrations in the class with the help of virtual devices.
- ▶ Perform “what if” analysis in classroom to demonstrate various concepts.
- ▶ Assess students “for learning”.

“ The tool is interactive and user friendly. It also gives the theory behind each experiment which minimizes the student's and teacher's time. ”

Suma N, Prof. Electronics, Mount Carmel, Bangalore

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For Institutes

“ We strive to meet the changing needs of society by building on its traditions of innovation, problem solving, and interdisciplinarity ”

To equip students with skills and knowledge needed for the 21st century, institutes are adopting the latest learning methodologies. With the newer accreditation norms, the emphasis is on providing outcome based learning that aligns with program outcomes, and works in purview of the university guidelines.

What Sparsha provides!

► Certification courses

Our certification courses are aligned to today's industry requirements. Based on higher order problem solving and application design, these prepare students with the much needed skills in the industry.

► Virtual lab

Equipping students with virtual labs ensures effective practice for theory learnt in class while increasing the learning productivity. Institutes can save money by judiciously combining physical resources with virtual resources

► Lab based projects

Sparsha portfolio of projects exposes students to the real world problems and create new paradigms of learning.

What you would achieve?

- Increase the quality of learning and assessments
- Prepare students with strong fundamentals which are required by industry as key competencies
- Introduce student centric learning methods
- Align the courses proposed to NBA or Washington accord program outcomes
- Build a knowledge brand
- Increase enrollment
- Save money by complimenting physical labs by virtual labs

“ I feel that iLearnMore is a very useful teaching aid available to teachers, students and educational institutions. It would definitely empower the students in more than one way and nurture their skills and conceptual understanding. ”

Prof Arvind Shaligram, HOD Electronic Sciences, Pune University

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