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ABOUT THE DEPARTMENT

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The Department of Electronics & Instrumentation Engineering is led by Dr. K. Srinivasan, an academician with 22 years of experience in Electronics, Communication, Instrumentation, and Image & Video Processing.

- Ph.D. in Electrical Engineering from Anna University, Chennai (2012)
- Authored books on Digital Image Processing and Transducers & Measurements
- Published 38 SCOPUS and 24 Web of Science indexed papers
- Published 8 book chapters in Springer, received Best Paper Awards (IEEE-IEI, Singapore 2016 & IEEE, Dubai 2017)
- Granted 3 Patents in Electronics, Sensors, and Bio-Energy
- Guided 10 research scholars in Instrumentation and allied fields
- Received Rs. 72,53,219/- for research & consultancy projects and Rs. 23,80,625/- for conferences/workshops from AICTE, ICMR, IEEE, DRDO, ISTE, ISOI, CSIR, NI, etc.
- Honored with Best Faculty Award (2016-2017) and Best HoD Award (IIT Madras, 2017)

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HEAD OF THE DEPARTMENT

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Dr. K. Srinivasan, B.E., M.E., Ph.D

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VISION

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To enable students to build successful careers with social concern and ethical standards through excellence in teaching and research.

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MISSION

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1. Provide quality education in Electronics & Instrumentation Engineering for professional careers and higher studies.
2. Equip students with communication skills, teamwork, and ethical responsibility to serve societal needs.
3. Promote lifelong learning and research endeavors for professional growth.

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PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

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PEO I: Engage in designing systems, tools, and applications in Electronics & Instrumentation Engineering.

PEO II: Apply knowledge to solve socially relevant problems or pursue higher education and research.

PEO III: Work effectively as individuals and team members in multidisciplinary projects.

PEO IV: Engage in lifelong learning, career enhancement, and adapt to changing needs.

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PROGRAM OUTCOMES (POs)

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PO1: Apply knowledge of mathematics, science, and engineering fundamentals.

PO2: Analyze complex engineering problems using scientific principles.

PO3: Design solutions with societal, health, safety, and environmental considerations.

PO4: Conduct research-based investigations and experiments.

PO5: Use modern engineering and IT tools effectively.
PO6: Address societal, health, safety, legal, and cultural issues responsibly.
PO7: Promote sustainable engineering practices.
PO8: Follow ethical principles in engineering practice.
PO9: Work effectively as individuals and in diverse teams.
PO10: Communicate effectively in technical and social contexts.
PO11: Apply project management and financial principles in engineering work.
PO12: Engage in lifelong learning in the context of technological change.

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PROGRAM SPECIFIC OUTCOMES (PSOs)

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PSO I: Specify, design, and implement electronic systems for analog & digital signal processing.
PSO II: Specify and verify the principles of measuring instruments with modern equipment.
PSO III: Design and analyze process control & industrial automation systems using advanced tools.

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LABORATORIES

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- Process Dynamics and Control Laboratory
- Industrial Instrumentation Laboratory
- Microcontroller and Embedded System Laboratory
- Analog Integrated Circuits Laboratory
- Electric Circuits and Devices Laboratory
- Computer Laboratory
- Sensors and Transducers Laboratory
- Microprocessor and Microcontroller Laboratory
- Robotics and Machine Vision System Laboratory
- Industrial Automation Laboratory
- Digital System Design Laboratory
- Research Laboratory
- Control Systems Laboratory

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FACULTY & STAFF

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HEAD OF THE DEPARTMENT

- Dr. K. Srinivasan

PROFESSORS

- Dr. B. Sharmila

ASSOCIATE PROFESSORS

- Dr. V. Rukkumani
- Dr. D. Devasena

ASSISTANT PROFESSORS (SELECTION GRADE)

- Dr. D. Devasena
- Dr. Y. Dharshan
- Dr. M. Nagarajapandian

ASSISTANT PROFESSORS (SENIOR GRADE)

- Mrs. R. Kiruba

ASSISTANT PROFESSORS

- Mrs. S. Kayalvizhi
- Mr. C. Mathan
- Mr. I. Aravindaguru
- Mr. P. Veeramani
- Mr. P. Balaji
- Mrs. M. Saranya

TECHNICAL & SUPPORTING STAFF

- Mr. M.M. Gopalakrishnan
- Mrs. M. Indumathi
- Mr. S. Arunkumar
- Ms. M. Vinitha
- Mr. B. Velan
- Mrs. B. Saranya