

Contact Details

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Image Processing Fundamentals and Advances

15 – 28 December 2008

MHRD – AICTE sponsored staff development programme



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Course Summary

This course presents the theory and practice of digital image processing with Matlab. Numerous examples and practical hands-on exercises are included in the course. One major topic of image processing is covered in every lecture, typically consists of a discussion of the basic theoretical concepts and some examples illustrating practical imaging problems. The lectures provide a practical learning experience.

Instructors

Professors having immense experience in image processing and signal processing shall present each topic of the course.

Course Delivery

Courses are delivered as instructor-led classes. Course topics are presented in the forenoon session followed by laboratory classes in the afternoon session. An essential constituent of course delivery is research related discussion on each topic.

Intended Audience

This staff development programme is being sponsored by MHRD-AICTE. The course is designed primarily for faculties of AICTE approved institutes. The participants would be benefited in improving their skills in image processing and carry out research independently.

Course Contents

- Digital Image Processing Fundamentals
- Image Transform
- Image Enhancement
- Image Restoration
- Color Image Processing
- Image Compression
- Image Segmentation
- Object Recognition
- Security Imaging

Acquaintance with introductory computer programming and familiarity with signal processing concepts would be of great help. However, it is not an essential criterion.

Registration

For registering in the programme, please fill in the registration form and send to the Coordinator along with a sum of Rs 300/- (Rupees Three Hundred Only) in the form of demand draft favouring **Continuing Education, NIT Rourkela** payable at **Rourkela** towards refundable registration fee.

- This fee shall be refunded once you join the programme.
- Registration fee for the candidates not selected shall be sent by post.
- No amount shall be refunded to the selected candidates not joining the programme.

Confirmation of your registration shall be intimated by e-mail. The participants are entitled to avail III AC Train Fare. The reimbursement of TA will be made as per AICTE guide lines such as production of necessary travel documents. Accommodation for participants shall be arranged in the Institute Guest House.

Registration closes on **Tuesday, 2nd December 2008**

