EE4413 DSP SYSTEM DESIGN

Course Code          EE4413  
Course Title         DSP SYSTEM DESIGN  
Acad Units           2.0  
Pre-Requisite        Nil  
Contact Hours        Lec: 26 hrs  
                     Tut: 13 hrs  
Course Descriptions  This course introduces the basic rules, procedures, techniques and components for designing a DSP system. The course also includes an assignment for the students to apply the knowledge and techniques learnt. DSP architectures, addressing mode, DSP fixed-point programming style, real-time implementation issues, DSP integrated development environment.

References


EE4455 EMBEDDED SYSTEMS

Course Code  EE4455
Course Title  EMBEDDED SYSTEMS
Acad Units  3.0
Pre-Requisite  EE3002
Contact Hours  Lec: 26 hrs  
               Tut: 13 hrs


Textbooks


References


**EE4475 AUDIO PROCESSING**

<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>Course Title</td>
<td>AUDIO PROCESSING</td>
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<tr>
<td>Acad Units</td>
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<tr>
<td>Pre-Requisite</td>
<td>Nil</td>
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<tr>
<td>Contact Hours</td>
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<td></td>
<td>Tut: 13 hrs</td>
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**Course Descriptions**


**Textbooks**


**References**


EE4476 IMAGE PROCESSING

Course Code  EE4476
Course Title  IMAGE PROCESSING
Acad Units  3.0
Pre-Requisite  Nil
Contact Hours  Lec: 26 hrs  
               Tut: 13 hrs

Textbook

References
EE4478 DIGITAL VIDEO PROCESSING

Course Code: EE4478
Course Title: DIGITAL VIDEO PROCESSING
Acad Units: 3.0
Pre-Requisite: Nil
Contact Hours: Lec: 26 hrs, Tut: 13 hrs

Course Descriptions:

Textbooks

References
EE4483 ARTIFICIAL INTELLIGENCE AND DATA MINING

Course Code     EE4483
Course Title    ARTIFICIAL INTELLIGENCE AND DATA MINING
Acad Units      3.0
Pre-Requisite   Nil
Contact Hours   Lec: 26 hrs
                Tut: 13 hrs
Course Descriptions
Problem solving techniques. Machine learning and applications to data mining.

Textbooks

Reference
# EE4490 MULTIMEDIA SYSTEMS

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<tr>
<td>Course Title</td>
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<tr>
<td>Acad Units</td>
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<tr>
<td>Pre-Requisite</td>
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<th>Contact Hours</th>
<th>Lec: 26 hrs</th>
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<table>
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<th>Course Descriptions</th>
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<tr>
<td>Fundamentals of multimedia systems. Overview of digital image and video coding standards.</td>
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## Textbook


## Reference