

## Amrita School Of Engineering, Ettimadai, Coimbatore

1. Name : A. Baskar
2. Staff ID : 2027
3. Designation : Lecturer
4. Qualification : M.Tech
5. Department : Computer Science and Engineering
6. Date of Joining: 01-08-2007
7. Email : [a\\_baskar@ettimadai.amrita.edu](mailto:a_baskar@ettimadai.amrita.edu)
8. Areas of interest: Computer Vision and Video Processing



### PART 1- TEACHING

2007 - ODD Semester (July – Dec, 2007) Courses Taught:

CA 305-System Software and Operating System  
No. of Students : 60  
Weekly Contact Hours: theory-4 hrs and Lab-3 hrs

2008 - EVEN Semester (Jan – May 2008) Courses Taught:

CA 202-Object Oriented Programming  
No. of Students : 66  
Weekly Contact Hours: theory-4 hrs and Lab-3 hrs

### Part II – Research

B. Tech Projects Supervised (include student name, title & semester/yr):

1.  
Student name: N.Krishandas  
Title: Dynamic Displace  
Semester/Yr: 2007-2008, VIII
2.  
Student name: Sandeep Kumar Y P, NJR Balasubramanyam  
Title: VOIP Security  
Semester/Yr: 2007-2008, VIII

M. Tech / MCA Projects Supervised (include student name, title & semester/yr):

**M. Tech**  
Student name: Srikanth.D  
Title: Visual Cryptography using Halftone Method  
Semester/Yr: 2007-2008, IV

**MCA**  
Student name: Seethu Satheesh  
Title: Project tracker

Semester/Yr: 2007-2008, VI

Publications / Patents / Books / Monographs: [Include any URL links to published material]:

**"Improved Adaptive Skip Algorithm for Video Shot Boundary Detection"**

at Internal Conference on Signal Processing, Communication and Networking  
(**ICSCN-2007 –IEEE Conference**).

[ieeexplore.ieee.org/iel5/4156571/4141003/04156669.pdf](http://ieeexplore.ieee.org/iel5/4156571/4141003/04156669.pdf)

**"Two Step Iterative Algorithm to Extract Generative Video Parameters from Video Sequences"**

at International Conference on Computational Intelligence and Multimedia Applications  
(**ICCIMA 2007-IEEE Conference**).

[www.ieeexplore.ieee.org/xpls/abs\\_all.jsp?isnumber=4426319&arnumber=4426411&count=105&index=91](http://www.ieeexplore.ieee.org/xpls/abs_all.jsp?isnumber=4426319&arnumber=4426411&count=105&index=91)

Lectures / Invited Talks given by you at other places:

Invited Talks:

**"Panoramic View Generation on Videos – A case study"** in IETE sponsored three day workshop on "Image Processing Algorithms" held at amrita vishwa vidyapeetham, ettimadai, coimbatore, during Dec 17-19, 2007.

### **PART III – SERVICE**

Department or University committee membership activities:

1. Time Table Committee
2. B. Tech Project Reviews committee
3. M tech student details and Alumni Details collections for NAAC