

Amrita School Of Engineering, Ettimadai, Coimbatore

1. Name : Radhika.N
2. Staff ID : 1401
3. Designation : Assistant Professor
4. Qualification : MCA, B.Ed
5. Department : Computer Science and Engineering
6. Date of Joining: 2001
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8. Areas of interest: Mobile and wireless computing

PART 1- TEACHING

2005-ODD Semester (July – Dec, 2005) Courses Taught:

Data Structures – Theory and lab
English Project Evaluation

2006-EVEN Semester (Jan – May, 2006) Courses Taught:

Artificial Intelligence (Theory and Lab)

2006-ODD Semester (July – Dec, 2006) Courses Taught:

Mobile Computing , C lab, System programming lab

2007-EVEN Semester (Jan – May 2007) Courses Taught:

Software Engineering and Software Project Management –Theory and lab

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

Mobile computing , Computer graphics lab

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

Computer Networks – Theory and lab

Part II – Research

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

Mobile Banking - Divya.A,Divya.B,Viveka.A, 8th sem, 2008

Self Adaptive Event Generation –Sumit Karma, Sudheer Kumar,Sunil Thyagi,Shreyas Dhoke, 8th sem, 2008.

Microsoft Mesh Networking Tool - Ranjith.Sourabh, Snehal, Amit Kumar Singh,Tamilarasan, 8th sem, 2008.

Semantic Index Search for Amrita Library - Preetha, Premchand, Sreehari and Pushpaja, 8th sem, 2008.

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

MCA project guided (in the year 2007- 2008)

- 1) Course finder – Bivin
- 2) Pfx.net –install update- Lakshmi.K
- 3) Navisys payout systems – Dileep
- 4) Query tuning in oracle 9i - Ajitha

19. If you are currently doing your Ph.D list the following: Title of the thesis, Name of Ph.D. advisor, and Expected date of completion:

Title of the Thesis : Mobile Dynamic Reflective Context Aware Middleware for Protocol Interoperability in Heterogeneous Smart Spaces
Name of Advisor : Dr.S.Arumugam
Expected Date of Completion : July 2008.

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

1. Ms..Radhika and Dr.S.Arumugam, "Performance Evaluation of Interoperable Protocols across Heterogeneous Adhoc Smart Spaces," International Journal of Systemics, Cybernetics and Informatics, pp.73 -78, Oct.2006, ISSN 0973 - 4864.
2. Ms.N.Radhika and Dr.S.Arumugam, "Mobile Dynamic Reflective Context Aware Middleware for Seamless Interoperability of Routing Protocol and Service Discovery Protocol on Adhoc Smart Spaces with performance Comparison," Journal of Computer Networks and Internet Research, vol.5, no.3, pp.35 - 40, Oct.2006.
3. Ms.N.Radhika and Dr.S.Arumugam, "Performance Evaluation of Mobile Reflective Context Aware Middleware in Adhoc Smart Spaces with Cross layering Approach," Journal of Computer Science, vol.1, no. 2, pp.116 -124, Sep - Oct.2006, ISSN 0973 - 292 6.
- 4.Ms.N.Radhika and Dr.S.Arumugam, "Mobile Dynamic Reconfigurable Context Aware Middleware for Adhoc Smart Spaces," Academic Open Internet Journal, vol.22, Mar.2008, ISSN 1311 - 4360.
5. Ms.N.Radhika and Dr.S.Arumugam, "QOS and Data Security in Mobile Adhoc Networks," Proceedings of Third FAE International Symposium, European University, Lefke, Turkey, pp.437 - 440, Nov.2004.
6. Ms.N.Radhika and Dr.S.Arumugam, "Peer to Peer Clustering and Network Security in Adhoc Smart Spaces," Proceedings of International Conference on Network Security and Workshop, Macmillan Advanced Research Series, pp.245 - 249, Jan.2007.
7. Ms.N.Radhika and Dr.S.Arumugam, "Security and Robustness Enhanced Route Structure For Mobile Agents," Proceedings of National Level Conference on Computers and Communication Security held at St.Joseph's College of Engineering, Chennai, pp.58 - 61, Jan.2004.
- 8.Ms.N.Radhika and Dr.S.Arumugam, "Mobile Reflective Context Aware Middleware with Protocol Interoperability and Cross layering in Adhoc Smart Spaces," Proceedings of National Conferences on Recent Advances in Computing at Sri Krishna College of Engineering and Technology, Coimbatore, pp.360 - 364, Dec. 2006.
- 9.Ms.N.Radhika and Dr.S.Arumugam, "Mobile Dynamic Reflective Context AwareMiddleware for Protocol Interoperability in Heterogeneous Adhoc spaces," Proceedings of state level workshop on Embedded Systems Design and its Applications at PSG College of Arts and Science, Coimbatore, pp.18 - 24, Feb.2007.

Awards and Recognitions:

Listed in who's who in science and Engineering.
Listed in who's who of the world.
Best Scientist Award by the IBC, Cambridge University London,
Listed in the 2000 outstanding intellectuals of the 21st century.
Has been a Reviewer of International Journal of sensor Networks and National journal of information sciences.

Lectures / Invited Talks given by you at other places:

Guest lectures on mobile and wireless computing at Coimbatore institute of Engineering and Technology. Coimbatore. Has been the Resource person in the STTP conducted by the department of Computer Science and Engineering.

PART III – SERVICE

List all formal or informal activities related to department/ school/ university administration.

Conferences/ Workshops/ Seminars organized:

Was a member in organizing ICPC '05 and Adcom '05.

Department or University committee membership activities:

1. Project Co-ordinator (MCA) –(both Major and Mini Project) – 2005-2008 Batch.
2. Technical Support officer – 6 months (June 2006 to December 2006)
3. Incharge of The Exam Committee in the department level.
4. Time table Committee Member (January 2007 to May 2007).
5. Amritarpan Committee Department Incharge (January 2006 to January 2008).
6. MCA students record maintenance member.