



Karnataka Microelectronic Training Centre Pvt. Ltd.

"Vashista", 4/362A, 14th Shantinagar, 80 Badagabettu, Manipal - 576104.

Phone: 91-820-2571745

Fax: 91-820-2575752

Job Title: Bio-Medical / VLSI Design Instructor

Job Location: Manipal, Karnataka

Job Description:

This opportunity will allow you to contribute to the advancement of world-class engineering talent in India. Karnataka Microelectronic Training Centre (KTC) provides twelve months of intensive practical training to BTech and MTech engineering graduates. KTC has trained over 60 integrated circuit designers who have completed over fifteen working designs on silicon in areas ranging from drug delivery platforms to smart power management. Recently, KTC won the best student paper award in the prestigious Indian Technology Symposium.

We believe that expert instruction, small class size, real-world IC design projects, and a focus on the personal development of each engineer affords an exemplary environment for both student and instructor. Perhaps the most satisfying and highly leveraged application of technical knowledge and experience is to employ it in the development of people. KTC approaches its learning system with this philosophy as a fundamental principle.

Responsible for the instruction of postgraduate students in various integrated circuit fields including:

- IC design (analog, digital, mixed-signal and RF) layout, circuit design, and validation
- Bio-Medical engineering areas which offer opportunities in the convergence of Bio-Med and Integrated Circuit design

This position also involves strong team building amongst students. You will assist in curricula development aimed at solving technical problems to prepare engineers for the design of products targeting Indian market opportunities, particularly that of Integrated Circuit design for Bio-Med applications. Additionally, this position assists in recruiting students leveraging KTC's very active university relationship programs.

Job Requirements

University level instruction experience is preferred, but more importantly successful candidates must demonstrate a strong desire to teach and develop young adults to become accomplished engineers. The instructor must be able to facilitate a learning environment in which students are encouraged to think for themselves and develop the confidence needed to solve challenging real-world problems. Superior presentation skills required as well as excellent oral and written communication skills.

Education: PhD in Bio-Engineering or Electrical Engineering with interest in bio-med

Experience:

- Proven ability to solve problems in Bio-Medical application areas is highly desirable
- Proven VLSI IC design with strong contribution to successful design projects
- Patent awards and publication of peer-reviewed papers is desirable

Job Specifications

- Experience in a variety of design flows
- Excellent time management skills
- Innovative problem solving ability
- Entrepreneurial attitude
- Team-oriented philosophy of servant-leadership



Karnataka Microelectronic Training Centre Pvt. Ltd.

"Vashista", 4/362A, 14th Shantinagar, 80 Badagabettu, Manipal - 576104.

Phone: 91-820-2571745

Fax: 91-820-2575752

Company Profile:

KarMic Training Centre is a leading provider of integrated circuit design postgraduate education focusing on immediately relevant practical knowledge while forming strong team bonds as we prepare our engineers to be internationally competitive. Our post graduate engineers receive intensive training from accomplished professionals experienced in the integrated circuit industry, such as our Managing Director, Dr. S.S. Mahant-Shetti who holds over 63 patents in the IC field.

How to Apply:

Send your resume and cover letter via email to: karmicinfo@karmic-ic.com.