



## Post Graduate Diploma In LANGUAGE TECHNOLOGY



**CENTRE FOR DEVELOPMENT  
OF ADVANCED COMPUTING**

Scientific Society of the  
Ministry of Communications  
& Information Technology,  
Government of India

### About us

Centre for Development of Advanced Computing Thiruvananthapuram, C-DAC (T) (Formerly known as ER&DCI) is a Scientific Society of the Ministry of Communications and Information Technology, Government of India. From its very inception in 1974, ER&DCI has been working in application oriented research, design and development for various industrial and consumer requirements. The Centre embeds several project groups undertaking research and development for diverse areas such as Power Electronics, VLSI Design, Automation & Control, Broadcast and Communication, Language Technology, The Centre also houses a National Network Concept Laboratory, National Resource Centre for Malayalam Language Technology Solutions and Resource Centre on Cyber Forensics.

The Language Technology Group is involved in the development of tools and technologies for computer processing of Malayalam fonts. Some of the products developed by this group are: NAYANA™ OCR, SUBHASHINI™ TTS, NERPADAM™ Spell Checker, ANWESHANAM™ Search Engine, and SANDESAM™ Mail Server etc.

The centre has also undertaken localization of many open source softwares like Open office, Firefox and Thunderbird.

### The course

Language is today intricately woven with technology in the new form of media including computer-based multimedia, internet and the other digital content in general. English has an advantageous position in this co-existence whereas local languages need to be further enabled to reach a similar position. Aspects such as language and culture must be localized so that products and services appear to be specifically developed for a local market. The localization industry addresses these essential needs in one of the fastest growing sectors in high technology. It is in this context that the need for manpower in language technology arises and the PGDLT course initiated by C-DAC, Thiruvananthapuram is aimed at meeting the same. The Post Graduate Diploma in Language Technology (PGDLT) is aimed at developing competent manpower in the specialized field of Language Technology and Localization under the “Specialized Manpower Development in Localization” programme of the Department of Information Technology, Government of India, to meet the growing demand of trained personnel in this field. This Programme prepares the candidates for a career in Language Technology with focus on Localization.

## Objectives

- To impart general concepts of Language Technology, Localization of software, websites and information devices.
- To introduce application tools related to multilingual computing, product development and localization cycles and projects.
- To prepare the candidates to meet the technological and deployment related challenges of the industry.

## Eligibility

Bachelors Degree in any discipline, preferably with basic computer Knowledge.

## Selection

Admission shall be based on:

- The marks obtained in the qualifying examination
- The score obtained in the entrance test (objective type)

## No. of seats

The number of seats for the programme is 15. Five seats are reserved for sponsored candidates from educational institutions, R&D and industries.

## Duration

The duration of the course will be 12 months (2 semesters)

## Course content

The course content covers the following areas:

- Localisation Engineering
- Language Engineering
- Programming Concepts
- Web Programming & Lexicography
- Software Testing
- Visual Design Principles etc.

## Course Fee

The course is subsidized by the Department of Information Technology, Govt. of India. The Course fee is Rs. 10,000/- (Rupees Ten Thousand only) to be paid in two installments, Rs.5,000/- (Rupees Five Thousand only) at the time of admission and the balance to be paid before the commencement of second semester. Registration fee of Rs. 200/- (Rupees two hundred only) is payable at the time of submission of application form.

## Mode of payment

All cash payments are to be made to "C-DAC" through Syndicate Bank, C-DAC Campus Branch, Vellayambalam, Thiruvananthapuram, using the prescribed Challan Form available at LTS Section and the receipt will have to be given to the LTS. Alternatively, payments may be made by crossed DD in favour of "C-DAC" payable at Thiruvananthapuram.

## Important dates

Completed application should reach the office latest by 30<sup>th</sup> June, 2008.

## Contact details

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