

Registration Form

Short Term Course on **Speech & Language Processing** (Self-Sponsored) (May 27-31, 2019)

Name: _____

College: _____

Address: _____

Telephone: _____

Mobile: _____

E-mail: _____

Accommodation Required: Yes / No

Payment Details

DD No: _____

Amount: _____

Bank: _____

Branch: _____

Date: _____

Signature of the Participant

Signature of the HoD/Principal

Registration Details

Fees: Rs.3275/- per participant.

(DD Should be drawn in favour of
"The Director, NIT, Tiruchirappalli"
payable at Tiruchirappalli)

Bring the filled in form and the DD on the day of event.

- TA will not be provided.
- Lunch and tea will be provided.

Accommodation

Limited seats will be provided in hostel.

Important Dates:

~~Last Date for Registration: May 23, 2019~~
Spot registration allowed.

Confirm participation by filling basic details in google form or by sending e-mail

How to Apply:

Proceed with the below given link for registration.

<https://forms.gle/P8D71EyAxavTHFwb9>

In addition to that the Applicants are requested to bring scanned copy of the filled in registration form and DD.

Coordinators:

Dr.S.R.Balasundaram
Dr.S.Sangeetha
Department of Computer Applications
National Institute of Technology
Tiruchirappalli - 620 015

Contact details:

Phone: +91 9942156269

E-mail: anubimal707@gmail.com

National Institute of Technology
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Short Term Course
on
**Speech & Language
Processing**
(Self-Sponsored)

May 27-31, 2019



Organized by
Department of Computer Applications
National Institute of Technology
Tiruchirappalli- 620 015
www.nitt.edu

About the Institute



The National Institute of Technology (formerly known as Regional Engineering College), Tiruchirappalli is one of the most pioneering education institutions in the country serving the society of five decades. It has been always striving so hard with the great enthusiasm and charm to keep itself a breast with the latest developments in science and technology that occur in and around the world. At present, ten under graduate programmes are offered besides Ph.D. in all departments.

About the Department



The Department of Computer Applications is one of the pioneering departments of the institution that offers three PG Programmes namely, MCA (one among the top five), M.Sc.(C.S.) and M.Tech Data Analytics. It is committed to impart quality education in the sub-fields of IT and dedicated to the mission of inculcating value-based, socially committed professionalism to the cause of overall development of students and society.

The curriculum is so made that the course provides a good theoretical foundation through high-quality teaching complemented by extensive practical training. It is dedicated to the mission of inculcating value-based, socially committed professionalism to the cause of overall development of students and society.

Speech and Language Processing

Recently the volume of data expressed in speech and natural language is drastically increasing. This is due to the availability and connectivity of technologies linking humans. The data exchange may be between humans or humans with machines. Online communities have paved ways for people exchanging data in the way they like. All these communications have hidden information in multiple levels. With the help of proper tools and technologies built on theoretical research, this information can be accessed and utilised for multiple purpose.

The goal of language processing is to enable computers to understand and process human language delivered either in the form of text or speech. Speech and Language Processing techniques provides a better way to manipulate text data by taking account of the semantics of the data. A wide variety of applications could benefit from its results, such as speech recognition, speaker identification, text analytics, Information extraction, machine translation, question answering, opinion mining, etc.

Topics to be covered in STC

- **Speech and NLP – Introduction**
- **Python for Speech and NLP**
- **Speech Processing & Supporting Tools**
- **NLP and supporting tools**
- **Deep Learning for Language Processing**
- **Hands on sessions**
- **Demos**

Target Audience:

- ❖ Executives, IT engineers and researchers from Industry and government organizations including R&D laboratories.
- ❖ Students (MCA/M.Sc./B.Tech./M.Tech), Research Scholars and Faculty from reputed academic institutions and technical institutions.

Resource Persons:

- Experts from Industries and Institutes will deliver the lectures.