

DECLARATION

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Place :

Date :

Signature of the Applicant

SPONSORSHIP CERTIFICATE

Mr./Ms./Dr. _____

_____ is an employee/student of our Institute and is hereby sponsored. He/She will be permitted to attend the course for the entire duration, if selected.

Office Seal

Signature of the Sponsoring authority

Place:

Date:

Application form completed in all aspects is to be sent to:

Dr.N.Krishnamoorthy

Associate Professor

Co-ordinator

Hands on Training on

**“NATURAL LANGUAGE
PROCESSING USING spaCy”**

Dept of Computer Science and Engineering
School of Communication and Computer Sciences
Kongu Engineering College
Perundurai, Erode-638 060, Tamilnadu.

ABOUT THE COLLEGE

Kongu Engineering College (KEC) is a leading teaching and research institution with state-of-the-art facilities, run by The Kongu Vellalar Institute of Technology Trust. It is an autonomous institution affiliated to Anna University, Chennai and has completed 35 years of dedicated service to in Technical Education. Many of the UG Programmes are accredited by National Board of Accreditation (NBA). This ISO certified Institution is also accredited by The Institution of Engineers (India). It has a built-up area of more than 2.2 million square feet in a green campus of 167 acres. The College has about 1065 faculty and staff members and 8500 students. The Institution offers 14 Under Graduate and 19 Post-Graduate programmes in Science, Engineering, Technology and Management and 16 Research Programmes.

ABOUT TECHNOLOGY BUSINESS INCUBATOR

TBI@KEC was established in 2003 at KEC campus by KEC with the support and grant-in-aid from the NSTEDB/DST/GoI. With the motto “Concept to Commercialization”, TBI’s prime objective is to nurture start-ups in the emerging Electronics and ICT related technology areas with particular reference to Embedded Systems, Digital Signal Processing, Electronic Card Design, Assembly, Testing and Repair, Multimedia and Wireless Technology. TBI also provides seed fund support to the deserving Incubatees upto Rs.50 lakh per project. Utilizing the infrastructure, mentoring and other facilities of TBI, 74 Entrepreneurs/ Innovators have got benefitted and more than 84 products have been designed, developed and launched in the market. In recognition of the contribution and performance of TBI@KEC, DST/GoI conferred on TBI@KEC the National Award for Best TBI for the year 2012. The award was presented by Shri Pranab Mukherjee, President of India, on Technology Day 2013 in New Delhi in May 2013.

PRAYAS Scheme

Under the Scheme, young innovators are supported for converting their ideas into prototype in duration of 18 months with grant up to Rs.10 Lakh (Max).The scheme can support 50 or more innovators over a period of 5 years. A facility to build prototypes has been established with the fund of Rs.1 crore provided under the scheme

ABOUT THE DEPARTMENT

Department of Computer Science and Engineering offers BE degree Programme in CSE, ME degree Programmes in Computer Science and Engineering. Besides teaching, the department is actively involved in industrial consultancy, and conducting training programmes for students and practicing engineers.



**Hands on Training on
“NATURAL LANGUAGE
PROCESSING USING spaCy”**

Date: 20.09.19 to 21.09.2019

Co-ordinators

**Dr.N.Krishnamoorthy
Associate Professor**

**Mrs.D.Deepa
Assistant Professor**

**Organized by
Technology Business Incubator @
Kongu Engineering College
&**

**Department of Computer Science and Engineering
School of Communication and Computer Sciences**

Mobile : **9486904557, 7868040150**

Fax : 04294 – 220087

E-mail : **nmoorthy@kongu.ac.in
deepa@kongu.ac.in**

Website: : **www.kongu.ac.in
www.tbi-kec.org**



OBJECTIVE

Natural Language Processing is one of the principal areas of Artificial Intelligence. NLP plays a critical role in many intelligent applications such as automated chat bots, multi-lingual translation, sentiment analysis and opinion identification, automatic summarization, named entity recognition, relationship extraction, speech recognition, and topic segmentation from data.

spaCy is a relatively new framework in the Python Natural Language Processing environment. It was specifically designed to be as fast as possible and accurate. The main aim of this workshop is to explore some fundamental NLP concepts and show how they can be implemented using the increasingly popular spaCy package in Python.

The main goal of this workshop is to bring together researchers from both academia and industry, to discuss recent advances, identify future directions in Natural Language Processing, Artificial Intelligence and to foster interdisciplinary collaborative research in this area.

PROGRAMME CONTENTS

- ✚ Basics in Natural Language Processing
- ✚ Analyzing and Processing Text with spaCy
- ✚ Installing spaCy
- ✚ Tokenizing the Text
- ✚ Cleaning Text Data: Removing Stopwords
- ✚ Removing Stopwords from our Data
- ✚ Lexicon Normalization
- ✚ Lemmatization
- ✚ Part of Speech (POS) Tagging
- ✚ Entity Detection
- ✚ Dependency Parsing
- ✚ Word Vector Representation
- ✚ Text Classification

RESOURCE PERSONS

Sessions will be handled by experts from KECE institutions.

ELIGIBILITY

Personnel from AICTE approved Engineering Colleges, Industries and Research Scholars.

BOARDING AND LODGING

Boarding and lodging will be provided to the participants in the college campus on chargeable basis (Rs.200/- per day)

REGISTRATION

Registration Fee: Rs 1000/- .

The Demand Draft for the registration fee must be drawn in favour of **“Technology Business Incubator at Kongu Engineering College”** payable at Perundurai or Erode.

HOW TO APPLY

The applicants should send their applications in the specified format to reach us on or before 14.09.2019. If selected, they should confirm their participation as per schedule below.

LOCATION

The college is situated at Perundurai on the National highway (NH 47) about 80 kms from Coimbatore and 20 kms from Erode. It is well connected by road and rail.

SCHEDULED DATES

Last Date for Receipt of Applications	: 14.09.2019
Intimation of Selection	: 16.09.2019
Confirmation by Participants	: 18.09.2019

KONGU ENGINEERING COLLEGE

(Autonomous)
PERUNDURAI ERODE 638 060 TAMILNADU

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Date: 20.09.19 to 21.09.2019

APPLICATION FORM

Name :

Department :

Educational
Qualification :

Age :

Organization :

Designation :

Address for
Communication :

E-mail ID :

Mobile Number :

Need Accommodation: Yes/No

DD Details

DD No.\ Date :

Bank Name :

**Signature of the
Sponsoring Authority**

**Signature of the
Applicant**