

# LEARN EARN

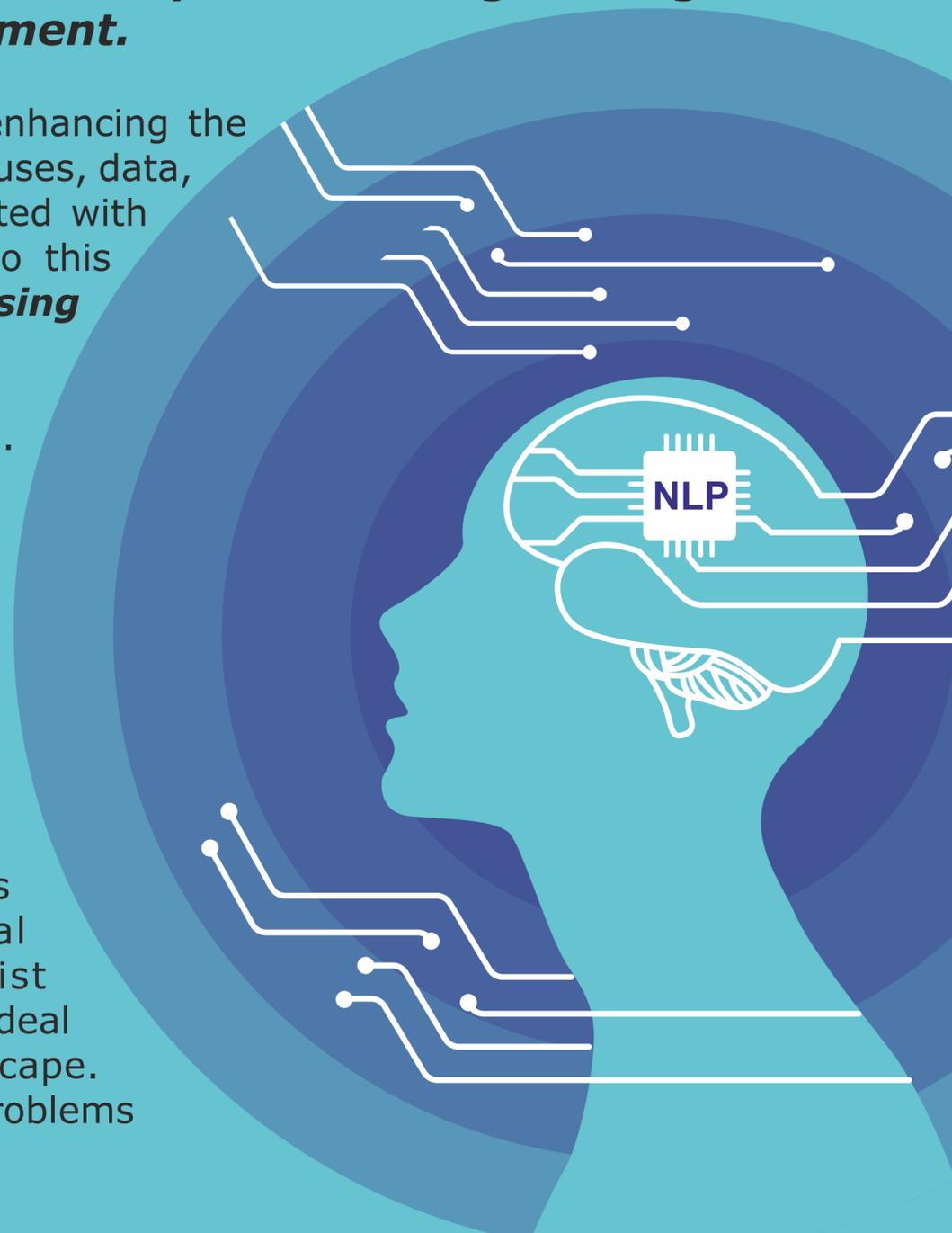
## NLP ACCELERATION PROGRAM

***An overview of NLP - trends and techniques - focusing on usage and importance in contract management.***

Artificial Intelligence (AI) can help in enhancing the understanding of Contracts including clauses, data, notes, comments and contexts associated with them. The field of AI most relevant to this purpose is **Natural Language Processing (NLP)**.

Natural Language is very dynamic. Vocabulary, structure of the text and distribution of words change over a period of time. True in everyday usage as a part of the drive towards simplicity.

True in specific domains where newer legislation like GDPR and challenges like COVID introduce new vocabulary and new constructs. These continuous changes challenge conventional models of NLP. Techniques from Statistical Machine Learning and Connectionist learning are to a great extent able to deal with this continually changing landscape. However a multitude of challenging problems await breakthrough solutions.



### ELIGIBILITY

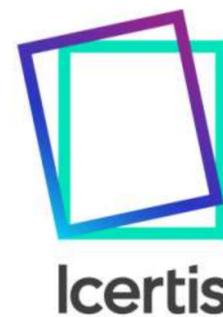
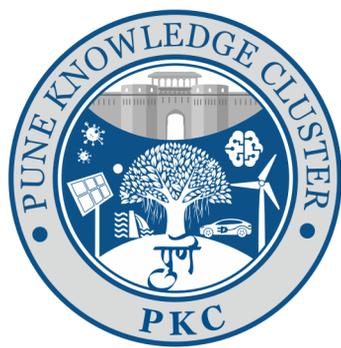
- Master's in Computer science/ analytical sciences/ relevant subjects
- NLP - Having understanding of Machine Learning, deep learning and any programming language is mandatory.
- Python programming knowledge will be an added advantage.

Course commences on:  
**8th April 2021**

Course Duration:  
**9 Sessions**

Last date to apply:  
**28th March 2021**

**To Apply: <https://forms.gle/4GVAkV8Q9tKusKyM8>**



## COURSE DETAILS

Topic	Presenter
Introductory Session	Kiran Bableshwar/ Sunu/ Yogesh
Natural Language Processing - An overview From Historical elements to current trends and techniques	Chintan Gotecha
From words and sentences to documents: Extracting useful knowledge from structure and content of documents	Sunu Engineer
Structure and content of legal documents: Contracts and related artifacts. The idea of 'legalese' as a dialect of Natural Language	Sunu Engineer
NLP processes in contract analysis: Clause Delineation	Chintan Gotecha
NLP processes in contract analysis: Clause Classification	Yogesh Kulkarni
NLP processes in contract analysis: Contract clustering and Classification	Kalpa Ashhar
NLP processes in Contract Analysis: Attribute extraction, NER, Rules	Chintan Gotecha
Supervised learning leading to Knowledge mining in contracts	Sunu Engineer
Unsupervised learning of Knowledge Representations - Techniques	Kalpa Ashhar

## OUR PRESENTERS



**Kiran Bableshwar**



**Yogesh Kulkarni**



**Chintan Gotecha**



**Sunu Engineer**



**Kalpa Ashhar**

## ABOUT ICERTIS

With unmatched technology and category-defining innovation, Icertis pushes the boundaries of what's possible with contract lifecycle management (CLM). The AI-powered, analyst-validated Icertis Contract Intelligence (ICI) platform turns contracts from static documents into strategic advantage by structuring and connecting the critical contract information that defines how an organization runs. Today, the world's most iconic brands and disruptive innovators trust Icertis to govern the rights and commitments in their 7.5 million+ contracts worth more than \$1 trillion, in 40+ languages and 90+ countries.

[www.icertis.com](http://www.icertis.com)

**Internship Opportunity of 60 days / 2 months after the learning sessions**  
**Learning sessions for 30 days - Internship for 60 days - Fulltime Opportunity to work with Icertis**

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This course of lectures is a part of the **Capacity Building Programme of PKC**. A number of such courses will be conducted for young researchers and professionals by PKC to expose them to the latest developments in science and technology. The lectures will be delivered by experts from the academia, R&D institutions and industry and will have elements of interactivity and hands-on sessions wherever possible. The courses will seek to expose participants to employment opportunities in the industry. Courses at the undergraduate and post-graduate levels will also be conducted to improve the skill sets and employability of the participants.



The Pune Knowledge Cluster (PKC) has been established by the Office of the Principal Scientific Advisor to the Government of India. The aim is to bring together academia, R&D institutions and the industry of Pune and its surrounding regions to address the challenging problems of the region through innovative means, using scientific knowledge and engaging highly skilled human resources.

[www.pkc.org.in](http://www.pkc.org.in)