



SREYAS INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUH)
Thatti Annaram(v), Bandlaguda, Nagole, Hyderabad - 500068.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

FACULTY DEVELOPMENT PROGRAMME

ON

“Natural Language Processing & its Applications”



22/05/2017 to 26/05/2017

Organized by

Department of CSE

**Sreyas Institute of Engineering and
Technology**

(Thatti annaram(v),Bandlaguda,Nagole,Hyd,500068)

ABOUT THE COLLEGE:

Sreyas Institute of Engineering & Technology was established in the year 2011 under the agencies of Sreyas Educational society. The Institute endeavors to impart high quality , competency based technical education in Engineering and technology to students with skills and abilities to face challenging needs of industry and society.The Institute is approved by All Indian Council for Technical Education (AICTE), New Delhi and affiliated to JNTUH.

VISION:

To be a centre of excellence in empowering the young talent through quality education and innovative engineering for the well being of society

MISSION:

- 1.Provide quality education with creative methodology and intellectual human capital.
- 2.Provide conducive environment for research and developmental activities.
- 3.Inculcate holistic approach towards nature, society and human ethics with lifelong learning attitude.

ABOUT THE DEPARTMENT:

The Department of Computer Science and Engineering since its inception in the year 2011 offers programme keeping in pace in technological advancements. Department offers Post Graduate course M.TECH – CSE . Importance to practical training which lay great stress on "hands on" experience besides a sound theoretical background is practiced. Short term courses and technical lectures by eminent professors and professionals are arranged on a regular basis to broaden theknowledge spectrum of students.The state-of-the-art computer centre has over 700 computers with 100 Mbps internet connectivity. The department has highly qualified and experienced

SCOPE:

Natural Language Processing (NLP) is an important area of Artificial Intelligence concerned with the processing and understanding of a human language. The goal of NLP is to process and harness information from a large corpus of text with very little manual intervention. This course will introduce basics of text processing, (Part of-Speech) POS tagging, find similar words using the context of surrounding words, build a language model to predict the next word, constituency and dependency parsing, dialog systems and unification. Finally this course also covers some of the most interesting applications of NLP. The course will be useful for faculty of engineering and sciences who are interested in the learning of NLP with Industry perspective

COURSE CONTENT:

Introduction & text classification Language modeling and sequence tagging

- Vector Space Models of Semantics
- Syntactic Processing
- Sequence to sequence tasks
- Dialog Systems
- Unification -based NLP and Semantics•

COURSE OUTCOMES:

The course will provide a forum for faculty members to get exposed to the state of the art of research and development in the field of Natural Language Processing & its Applications. The course will also help to identify future research needs in the interdisciplinary emerging field.

RESOURCE PERSON:

Eminent faculty from academia and industry/ organizations will be handling the sessions.

Dr. A. Prashanth

Professor
Anurag Group of institutions

P. L. J. Padmaja

Associate Professor
Anurag Group of Institutions.

WHO CAN ATTEND:

Programme is open to Faculty Members from Engineering Colleges/ Arts & Science Colleges/ Polytechnic Colleges of any domain and Professionals from industries

REGISTRATION:

Interested candidates can visit the following link:

REGISTRATION FEE:

Faculty : Rs 500
Research Scholar & Industry Persons : Rs 1000

IMPORTANT DATES:

Last date of Registration : 20.05.17
Notification of acceptance : 21.05.17

ORGANIZING COMMITTEE:

Chief Patrons:

Mr.Ananthula Vinaykumar Reddy

Chairman

Mr.CH,Ravindranath yadav

Secretary

Patron:

Dr. Suresh Akella

Principal

Convener:

Dr.D.V.S.S Subramanyam

HOD/CSE

Co-ordinator(s):

Dr. M V Brahmananda Reddy

Associate Professor, Cse

Dr. Rohit Raja

Associate Professor, Cse

For further information, please contact:

Dr. M V BRAHMANANDA REDDY

9246323444

Dr. Rohit Raja

9700224460

REGISTRATION FORM

Name :
(in Capital letters)

Institution / Organization Name :

Designation :

Department :

Address for Communication :

Email id :

Mobile No :

Date :

Signature of the candidate

CERTIFICATE

This is to certify that is a faculty of our institute and is permitted to attend the FDP on “**Natural Language Processing & its Applications**”.

Signature of Head of the Institution
(With office seal)



SREYAS INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUH)
Thatti Annaram(v), Bandlaguda, Nagole, Hyderabad - 500068.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

FACULTY DEVELOPMENT PROGRAMME

ON

“Natural Language Processing & its Applications”



22/05/2017 to 26/05/2017

Organized by

Department of CSE

**Sreyas Institute of Engineering and
Technology**

(Thatti annaram(v), Bandlaguda, Nagole, Hyd, 500068)

ABOUT THE COLLEGE:

Sreyas Institute of Engineering & Technology was established in the year 2011 under the agencies of Sreyas Educational society. The Institute endeavors to impart high quality , competency based technical education in Engineering and technology to students with skills and abilities to face challenging needs of industry and society. The Institute is approved by All Indian Council for Technical Education (AICTE), New Delhi and affiliated to JNTUH.

VISION:

To be a centre of excellence in empowering the young talent through quality education and innovative engineering for the well being of society

MISSION:

1. Provide quality education with creative methodology and intellectual human capital.
2. Provide conducive environment for research and developmental activities.
3. Inculcate holistic approach towards nature, society and human ethics with lifelong learning attitude.

ABOUT THE DEPARTMENT:

The Department of Computer Science and Engineering since its inception in the year 2011 offers programme keeping in pace in technological advancements. Department offers Post Graduate course M.TECH – CSE . Importance to practical training which lay great stress on "hands on" experience besides a sound theoretical background is practiced. Short term courses and technical lectures by eminent professors and professionals are arranged on a regular basis to broaden the knowledge spectrum of students. The state-of-the-art computer centre has over 700 computers with 100 Mbps internet connectivity. The department has highly qualified and experienced

SCOPE:

Natural Language Processing (NLP) is an important area of Artificial Intelligence concerned with the processing and understanding of a human language. The goal of NLP is to process and harness information from a large corpus of text with very little manual intervention. This course will introduce basics of text processing, (Part of-Speech) POS tagging, find similar words using the context of surrounding words, build a language model to predict the next word, constituency and dependency parsing, dialog systems and unification. Finally this course also covers some of the most interesting applications of NLP. The course will be useful for faculty of engineering and sciences who are interested in the learning of NLP with Industry perspective

COURSE CONTENT:

Introduction & text classification Language modeling and sequence tagging

- Vector Space Models of Semantics
- Syntactic Processing
- Sequence to sequence tasks
- Dialog Systems
- Unification -based NLP and Semantics•

COURSE OUTCOMES:

The course will provide a forum for faculty members to get exposed to the state of the art of research and development in the field of Natural Language Processing & its Applications. The course will also help to identify future research needs in the interdisciplinary emerging field.

RESOURCE PERSON:

Eminent faculty from academia and industry/ organizations will be handling the sessions.

Dr. A. Prashanth

Professor
Anurag Group of institutions

P. L. J. Padmaja

Associate Professor
Anurag Group of Institutions.

WHO CAN ATTEND:

Programme is open to Faculty Members from Engineering Colleges/ Arts & Science Colleges/ Polytechnic Colleges of any domain and Professionals from industries

REGISTRATION:

Interested candidates can visit the following link:

REGISTRATION FEE:

Faculty : Rs 500
Research Scholar & Industry Persons : Rs 1000

IMPORTANT DATES:

Last date of Registration : 20.05.17
Notification of acceptance : 21.05.17

ORGANIZING COMMITTEE:

Chief Patrons:

Mr.Ananthula Vinaykumar Reddy

Chairman

Mr.CH,Ravindranath yadav

Secretary

Patron:

Dr. Suresh Akella

Principal

Convener:

Dr.D.V.S.S Subramanyam

HOD/CSE

Co-ordinator(s):

Dr. M V Brahmananda Reddy

Associate Professor, Cse

Dr. Rohit Raja

Associate Professor, Cse

For further information, please contact:

Dr. M V BRAHMANANDA REDDY

9246323444

Dr. Rohit Raja

9700224460

REGISTRATION FORM

Name :
(in Capital letters)

Institution / Organization Name :

Designation :

Department :

Address for Communication :

Email id :

Mobile No :

Date :

Signature of the candidate

CERTIFICATE

This is to certify that is a faculty of our institute and is permitted to attend the FDP on “**Natural Language Processing & its Applications**”.

Signature of Head of the Institution
(With office seal)



SREYAS Institute of Engineering & Technology

(Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad)
Hyderabad | PIN: 500068

PURPOSE OF WORKSHOP

Natural Language Processing (NLP) is an important area of Artificial Intelligence concerned with the processing and understanding of a human language. The goal of NLP is to process and harness information from a large corpus of text with very little manual intervention.

This course will introduce basics of text processing, (Part of-Speech) POS tagging, find similar words using the context of surrounding words, build a language model to predict the next word, constituency and dependency parsing, dialog systems and unification. Finally this course also covers some of the most interesting applications of NLP.

The course will be useful for faculty of engineering and sciences who are interested in the learning of NLP with Industry perspective



SREYAS Institute of Engineering & Technology

(Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad)
Hyderabad | PIN: 500068





SREYAS Institute of Engineering & Technology

(Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad)
Hyderabad | PIN: 500068

RESOURCE PERSONS PROFILE

Dr. A. Prashanth,

Professor, Anurag Group of institutions

Dr A. Prasantha Rao has graduated from Osmania University and obtained PG and Doctorate degree in computer science and engineering from JNTU, Hyderabad. He has 9 years of experience in industry and 16 years' experience in teaching.

His specialization is in Real Time systems, Distributed systems. He gave invited lectures both in industry and Academics. He is member of IEEE and executed more than 15 industry oriented projects.

Education:

M.Tech(CSE),PhD

Research Interests

Real Operating System,Internet of Things,Distributed System

Teaching Interests

Real time operating systems,Embedded systems,distributed systems,IOT,Computer networks, OOAD,Cloud computing,Computer organization, DLD.





SREYAS Institute of Engineering & Technology

(Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad)
Hyderabad | PIN: 500068

D. L. J. Padmaja,

Associate Professor, Anurag Group of Institutions

Dr.D. Lakshmi Padmaja has 19 years of experience in teaching. She taught many subjects for undergraduate and postgraduate students. Lakshmi Padmaja completed her Doctorate in CSE from JNTU Hyderabad and M.Tech(Comp. Science.) from JNTU Hyderabad.

Her research interests are Machine Learning, Data Mining, Algorithms, and Software Engineering. Padmaja published 12 papers in Journals and 2 papers in Conferences. Out of 14, two are published from SCI and Web of Sciece (Elsevier publications).

She achieved NPTEL STAR appreciation award from IIT, Madras for completion of many courses through ONLINE NPTEL Certifications with ELITE grade and FDP's under her discipline. She is Life member in ISTE. Currently she is working as an Associate Professor in the Department of Information Technology, Anurag Group of Institutions.





SREYAS Institute of Engineering & Technology

(Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad)
Hyderabad | PIN: 500068





SREYAS Institute of Engineering & Technology

(Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad)
Hyderabad | PIN: 500068

PURPOSE OF WORKSHOP

Natural Language Processing (NLP) is an important area of Artificial Intelligence concerned with the processing and understanding of a human language. The goal of NLP is to process and harness information from a large corpus of text with very little manual intervention.

This course will introduce basics of text processing, (Part of-Speech) POS tagging, find similar words using the context of surrounding words, build a language model to predict the next word, constituency and dependency parsing, dialog systems and unification. Finally this course also covers some of the most interesting applications of NLP.

The course will be useful for faculty of engineering and sciences who are interested in the learning of NLP with Industry perspective



SREYAS Institute of Engineering & Technology

(Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad)
Hyderabad | PIN: 500068

RESOURCE PERSONS PROFILE

Dr. A. Prashanth,

Professor, Anurag Group of institutions

Dr A. Prasantha Rao has graduated from Osmania University and obtained PG and Doctorate degree in computer science and engineering from JNTU, Hyderabad. He has 9 years of experience in industry and 16 years' experience in teaching.

His specialization is in Real Time systems, Distributed systems. He gave invited lectures both in industry and Academics. He is member of IEEE and executed more than 15 industry oriented projects.

Education:

M.Tech(CSE),PhD

Research Interests

Real Operating System,Internet of Things,Distributed System

Teaching Interests

Real time operating systems,Embedded systems,distributed systems,IOT,Computer networks, OOAD,Cloud computing,Computer organization, DLD.





SREYAS Institute of Engineering & Technology

(Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad)
Hyderabad | PIN: 500068

D. L. J. Padmaja,

Associate Professor, Anurag Group of Institutions

Dr.D. Lakshmi Padmaja has 19 years of experience in teaching. She taught many subjects for undergraduate and postgraduate students. Lakshmi Padmaja completed her Doctorate in CSE from JNTU Hyderabad and M.Tech(Comp. Science.) from JNTU Hyderabad.

Her research interests are Machine Learning, Data Mining, Algorithms, and Software Engineering. Padmaja published 12 papers in Journals and 2 papers in Conferences. Out of 14, two are published from SCI and Web of Sciece (Elsevier publications).

She achieved NPTEL STAR appreciation award from IIT, Madras for completion of many courses through ONLINE NPTEL Certifications with ELITE grade and FDP's under her discipline. She is Life member in ISTE. Currently she is working as an Associate Professor in the Department of Information Technology, Anurag Group of Institutions.

