ONLINE FACULTY DEVELOPMENT PROGRAM ON
"Recent Trends and Future Applications in Natural Language Processing"
(29th May 2024 - 8th June 2024)

Organized by
E & ICT Academy, NIT Warangal
in association with
Vasavi College of Engineering (Autonomous), Hyderabad
ACCREDITED BY NAAC WITH A++ GRADE.
(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

Preamble:
"Electronics & ICT Academy" was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. This academy's role is to offer Faculty Development Programmes in standardized courses and emerging areas of Electronics, Information Communication Technologies, training & consultancy services for Industry, Curriculum development for Industry, CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

About FDP:
The faculty development programme will help to disseminate the knowledge in the domain of natural language processing. It is a hands-on, immersive learning experience designed to equip participants with practical skills and insights into the world of advanced language technologies. This FDP will cater to individuals seeking to enhance their understanding of NLP and leverage the capabilities of large language models for various applications. It covers LLMs starting from the basics, all the way to building and using text representation and text generation models. This FDP is designed to empower participants with the practical know-how to leverage NLP and large language models effectively. It will empower the participants to understand how large language models can be used to innovate and improve the natural language processing projects. The participants will be trained with hands-on approach in order to have an in-depth insight into the domain of natural language processing with LLMs and expose them to future scope.

Major Course Contents:
❖ Basics of Natural Language Processing,
❖ Open-source software Tools for NLP (Python/R)
❖ Text Representation and Text Pre-Processing
❖ Machine Translation and Topic Modelling
❖ Text Summarization-Sentiment Analysis -Text Classification
❖ Document summarization, Q&S Systems
❖ Multi-lingual zero-shot learning
❖ Transformation of NLP to Generative NLP (RNN, LSTM, Attention Model)
❖ Large Language Models (LLMs)
❖ Research issues in Natural Language Processing

Faculty conducting this programme:
The programme will be conducted by the faculty members from NIT Warangal; Academicians in the concerned field from IITs/NITs/IIITs are invited to deliver lectures in the programme. Speakers from industries are also expected to deliver as part of the course.

Registration Fee: Rs. 1000/-
Participants need to pay the Registration Fee Online using the following details

Online Transfer Details
Account Name: Electronics & ICT Academy NITW Account No: 62423775910 IFSC: SBIN0020149 Bank and Branch: **State Bank of India, NIT (REC) Warangal**

How to apply:
Participants are required to fill the online registration form by clicking on the following link:
https://forms.gle/949Yud1VBNuLsbK17

Selection Criteria:
Selection will be done based on first-come-first-serve basis to a maximum number of 60 (sixty). Additionally, 10 participants from industry are allowed to participate. The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the DD will be sent back. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date (Application & DD)	25.05.2024
Selection List by E- mail	27.05.2024
Duration	29.05.2024 to 08.06.2024

About NIT Warangal:
National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institute imparting technical education of a very high standard leading to the B. Tech Degrees in various branches of engineering, M.Tech. and Ph.D programmes in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

About Vasavi College of Engineering:
Founded in 1981 by Vasavi Academy of Education, Vasavi College of Engineering (VCE) represents a rich tradition of excellence in technology-based education. A premier-league institution among the affiliates of Osmania University, VCE owes its vision to Sri Pendekanti Venkata Subbaiah, a veteran statesman of Independent India. VCE has been conferred with Autonomous Status by the University Grants Commission (UGC), New Delhi and Osmania University, Hyderabad for a period of six years with effect from the Academic Year 2014-15, for all the UG and PG Programmes. The College is implementing Choice Based Credit System (CBCS). Accredited by NAAC with A++ Grade.

About CSE department:
The Department of Computer Science & Engineering was started in the year 1994 offering a 4Year B.E. course with an annual intake of 180 students and offers 2 year M.Tech .course with an annual intake of 18 students. The department has well qualified and experienced faculty. The students are placed through campus recruitment in reputed organizations Microsoft, Accolite, Oracle, Pega Systems, Adtran, NCR, Deloitte, Qualcomm, Servicenow , Infosys, Cognizantetc. Osmania University has identified the department as a Research Center. Two Professors in the department are recognized as research supervisors for guiding Ph.D. students. We also offer value added courses in the form of CISCO Local academy to meet the contemporary market demands. As apart of continuing education, the department organizes various guest lectures, seminars and workshops, Conferences by inviting people from Academia & Industry.

ONLINE FACULTY DEVELOPMENT PROGRAM
ON
"Recent Trends and Future applications in Natural Language Processing"
(29th May 2024 - 8th June 2024)

Organized by
E & ICT Academy, NIT Warangal
in association with
Vasavi College of Engineering (Autonomous), Hyderabad
ACCREDITED BY NAAC WITH A++ GRADE.
(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

Name   :

1. Designation   :

2. Institution   :

4. Email   :

5. Mobile No   :

6.

Reference No :	
Amount :	
Bank :	
Date :	

7. Address for correspondence:

8.Educational Qualification:

9. Subjects taught so far:
10. No. of refresher courses/workshops attended:

11.Experience (in years):

Teaching: Research: Industry:

12. Do you belong to SC/ST: YES /NO
(If yes, please specify and attach a copy of caste certificate to claim the concession)

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

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms. …………………………….. is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on **"Recent Trends and Future applications in Natural Language Processing",** organized by Electronics & ICT Academy, NIT Warangal and VCE, during 29th May to 8th June 2024.

Signature of Head of Institution
(with seal)

(Post your application form)
Dr.T.Adilakshmi
HoD, Professor
Department of Computer Science and Engineering, Vasavi college of Engineering, Ibrahimbagh, Hyderabad, Telangana-500072

It is requested to all the delegates, after completion of application form, all the payment details, screenshot of the payment and scanned application form has to be uploaded in the following online registration link.

Registration Link:
https://forms.gle/949Yud1VBNuLsbK17

For more details about Electronics & ICT Academy, NIT, Warangal
please visit: https://nitw.ac.in/eict

For more enquiries about FDP, please contact:
Dr. M.Sunitha Reddy
Mobile: 9849212814
Email: m.sunithareddy@staff.vce.ac.in
Dr.**R.Sateesh Kumar**
Mobile: **9849194447**
Email: sateeshramatenki@staff.vce.ac.in

Date   **Signature of the Applicant**

Coordinators

Dr. T. Ramakrishnudu,
Dept. of CSE, NIT Warangal
NATIONAL INSTITUTE OF TECHNOLOGY
WARANGAL – 506 004 (Telangana State)
Email: trk@nitw.ac.in
Mobile: 09866876842

Dr. T.Adilakshmi
HoD, Dept. of CSE,
Vasavi College of Engineering, Hyderabad, Telangana
Email: hodcse@staff.vce.ac.in
Mobile: 9908911700