

**Five-Days Online Faculty Development Programme (FDP)**  
**on**  
**Natural Language Processing for Modern AI Systems**

The Department of Information Technology, Ramco Institute of Technology, organized a **Five-Days Online Faculty Development Programme (FDP) on “Natural Language Processing for Modern AI Systems”** from **22nd December 2025 to 26th December 2025**. The FDP was conducted in online mode during evening hours, enabling participation from academicians, research scholars, and industry professionals from various parts of India.

The programme featured expert sessions delivered by eminent academicians and experienced resource persons from reputed institutions. **Dr. K. Veningston, Assistant Professor, Department of Computer Science and Engineering, National Institute of Technology (NIT), Srinagar**, served as a **Chief Guest and one of the Resource Person** for the programme. His expert deliberations provided valuable insights into advanced NLP methodologies, contemporary research challenges, and future directions of AI-driven language technologies.

The FDP covered a wide range of emerging and research-oriented topics, including Linguistic Preprocessing and Text Understanding, Model Compression Techniques, Multimodality – Integrating Text, Vision, Audio and Knowledge Graphs, Reducing Hallucinations in AI Models, and Future Applications and Research Directions in NLP. Each session was enriched with real-world examples, recent research trends, and hands-on demonstrations using modern AI tools, which greatly enhanced the learning experience of the participants.

The programme was convened by Dr. V. Anusuya, Associate Professor and Head, Department of Information Technology, and coordinated by Dr. K. Palraj, Associate Professor Grade, with the support of faculty coordinators Mrs. G. Mareeswari and Mrs. G. Sivasathiya, Assistant Professors, Department of IT. The organizing committee ensured the smooth conduct of all sessions and effective interaction between the speakers and participants.

Around 172 participants applied for this FDP. Out of those 115 participants attended the FDP. The training was ended with an Assessment in which the participants scored good marks to earn their certificate. Total of 115 digital certificates were successfully issued to the eligible participants.

**RAMCO INSTITUTE OF TECHNOLOGY**  
 Approved by AICTE, New Delhi & Affiliated to Anna University  
 NAAC Accredited with 'A+' Grade & An ISO 9001:2015 Certified Institution  
 NBA Accredited UG Programs: CSE, EEE, ECE and MECH


5 Days Online Faculty Development Program(FDP) on  
**Natural Language Processing for Modern AI Systems**

Date  
**22.12.2025**  
 to  
**26.12.2025**


Time  
**07.00 PM**  
 to  
**08.30 PM**

Free Register Here  
 Registration Link :  
<https://forms.gle/ro5WV6aFmkxLKMST6>

CALL US : 8508259397



Organized By,  
 Department of Information Technology,  
 Ramco Institute of Technology,  
 Rajapalayam - 626 117,  
 Tamilnadu,  
 India.



**About RIT**

Ramco Institute of Technology (RIT) established in the year 2003 is an AICTE approved institution affiliated with Anna University, Chennai, accredited by NAAC with an 'A+' grade, and certified by the ISO 9001:2015. Our visionary goal is to provide top-notch engineering education that meets international standards, all under the dynamic and visionary leadership of our Chairman Sri K. V. Venkatesha Raja, Ramco Group of Industries. Out of 80 programs, RIT offers 65 NAAC-accredited UG programs. The institute offers a wide range of engineering disciplines with a focus on innovative teaching methodologies, industry engagement, undergraduate and higher education. The institute aims to equip students with technical, innovation, creativity and an entrepreneurial mindset to contribute effectively to the nation's growth. There are many professional societies and clubs in an institution, like IIS, IAS, ACM, CSI, AIG and others that help students thrive in their careers.

**About the Department**

With a view of meeting this challenge, the Department of Information Technology was started at RIT in 2003. The mission is to transform into a center of excellence for education and research in information technology by embracing emerging technologies. Through graduate education, collaborative research, value-added courses and online learning programs like NPTEL, AICTE, Coursera Eds and others, the department aims to generate highly skilled and socially conscious information technology professionals. The department has experienced faculty members with an emphasis on teaching and research, as well as faculty members who are certified in specialized domains and trained in various platforms such as MOOCs, MOOCs, Coursera, Udacity, Digital Learning (DL) and others along with developing course materials. The department's activities and research focus on shaping students into well-rounded individuals capable of solving real-world problems and addressing issues such as discipline, self-motivation, business sense, and social awareness.

**About the FDP**

The FDP on "Natural Language Processing for Modern AI Systems" aims to equip faculty and researchers with essential NLP concepts and modern AI techniques. The program covers text preprocessing, sentiment analysis, machine translation, and advanced models like transformers, BERT, and GPT. With expert sessions and hands-on demonstrations, the FDP helps participants understand current NLP tools and apply them effectively in teaching, research, and real-world applications.

**Topics**

- Day 1: Linguistic Preprocessing and Text Understanding
- Day 2: Model Compression Techniques
- Day 3: Multimodality - Integrating Text, Vision, Audio & Knowledge Graphs
- Day 4: Industry Applications
- Day 5: Future Applications & Research Directions

**Guidelines**

- The faculty members of the AICTE approved institutions, Research Scholars, PG Scholars, Industry Representatives/Technicians/Participants from Industry etc. and staff of host institutions.
- The FDP will be conducted in Online mode.
- Course Registration is Free for all participants.
- Those who have an attendance of minimum 80% and score more than 80% in the test will be issued a digital certificate.

**Resource Persons**

|  |  |
|--|--|
| <br>Dr. S. Sivasathya<br>Ph.D., M.Tech., M.E., P.E., A.P.<br>Topic: Natural Language Processing | <br>Dr. V. Anusuya<br>Ph.D., M.Tech., M.E., P.E., A.P.<br>Topic: Natural Language Processing    |
| <br>Dr. K. Palraj<br>Ph.D., M.Tech., M.E., P.E., A.P.<br>Topic: Natural Language Processing     | <br>Dr. S. Sivasathya<br>Ph.D., M.Tech., M.E., P.E., A.P.<br>Topic: Natural Language Processing |
| <br>Dr. V. Anusuya<br>Ph.D., M.Tech., M.E., P.E., A.P.<br>Topic: Natural Language Processing    | <br>Dr. K. Palraj<br>Ph.D., M.Tech., M.E., P.E., A.P.<br>Topic: Natural Language Processing     |
| <br>Dr. S. Sivasathya<br>Ph.D., M.Tech., M.E., P.E., A.P.<br>Topic: Natural Language Processing | <br>Dr. V. Anusuya<br>Ph.D., M.Tech., M.E., P.E., A.P.<br>Topic: Natural Language Processing    |

**Organizing Committee**

**CHIEF PATRON**  
 Prof. Dr. L. Ganesan, Principal.

**CO-PATRON**  
 Prof. Dr. S. Rajakumar, Vice Principal.

**CONVENOR**  
 Dr. V. Anusuya, Associate Professor & Head / IT

**FACULTY COORDINATOR(S)**  
 Dr. K. Palraj, Associate Professor Grade - I / IT  
 Mrs. G. Mageswari, Assistant Professor / IT  
 Mrs. G. Sivasathya, Assistant Professor / IT

