Bapatla Engineering College

(Autonomous)
Department of Computer Science and Engineering

FIVE DAY ONLINE FDP
On
Advanced Natural Language Processing

The Department of Computer Science and Engineering has organized the Five-Day Online Faculty Development program on Advanced Natural Language Processing from 03.10.2023 – 07.10. 2023.Various college faculty members are actively participated from various states. A total of 511 faculty members participated. Topics covered in the FDP are 1) NLP Introduction,2) Recent NLP Applications,3) Neural Language Models.4) RNN and LSTM models for NLP,5) Large Language Models, for these five days resource person Dr. M. Anand Kumar, Assistant Professor, Dept. of IT, NIT Karnataka, Surathkal has covered all the given topics.

The objective of FDP is 1). Learn about the shift from static word representations, like Word2Vec, to dynamic contextual embeddings 2). Emphasizing how important context is for language comprehension.3). Analyze Hybrid approaches for NLP applications. 4). Recognize the significance of pragmatics for natural language understanding. 5). Develop improved machine translation systems. 6). Understand the Large Language Models. Dr. M. Anand Kumar has presented concepts with real-time examples and shown the practically to understand the Advanced Natural Language Processing contents. Outcome of this FDP was useful in understanding the fundamentals of machine learning and NLP using deep learning with Python, language modeling and text applications, distributional semantics, concepts of modern RNNs, concepts of encoder-decoder and attention mechanism and transformer network.

All the delegates actively participated and acquired knowledge about Advanced Natural Language Processing. Five days Attendance have been recorded and issued certificates to all the eligible participants. Management members have supported and pushed to conduct FDP, respected principal Dr. Sk Nazeer has provided all the necessary arrangements to organize FDP smoothly and Head of the Department Dr.M Rajesh Babu has encouraged and given necessary suggestions to organize the FDP for Five Days. Dr. D Kishore Babu, Associate Professor, Department of CSE is the convener for FDP.

Bapatla Education Society

Bapatla Education Society, sponsor of Bapatla Engineering College was established in 1962 and runs 6 other educational institutions including Bapatla College of Arts & Sciences, Bapatla Junior College, and Bapatla Women's Engineering College, Bapatla Polytechnic College, Bapatla Public School, and Bapatla College of Pharmacy.

About the College

Bapatla Engineering College is an Autonomous college under the jurisdiction of Acharya Nagarjuna University and has been twice accredited by NAAC, presently with A+ grade. It was established in 1981 and currently offers B. Tech, M. Tech, and MCA courses. The Engineering departments are CSE, AIML Civil, CB, DS, ECE, EIE, EEE, IT and Mechanical.

About the Department (CSE)

The Department of Computer Science and Engineering was established in 1994-95 and was accredited by **NBA** thrice. The department is equipped with state- of-the-art computing facilities and experienced staff members and is known for its academic excellence, proved by its performances since its inception.

Vision

To produce Computer Science Engineers with Global Standards who can handle the challenges of the society and the Industry with their Innovations and Services.

Mission

M1: To Impart high quality education with effective teaching and learning process.

M2: To provide an environment where the students can handle research problems confidently.

M3: To prepare students with the latest technologies with fidelity towards industry.

M4: To inculcate professional ethics and human values in handling engineering challenges.

COMMITTEE MEMBERS

Chief Patrons:

1. **Sri. M. Srinivasa Rao, President**, Bapatla EducationalSociety.
2. **Sri. D. Rama Mohan Rao, Vice President-I,** Bapatla Educational Society
3. **Sri. G. Dileep Kumar, Vice President-II,** Bapatla Educational Society
4. **Sri. M. Nageswara Rao, Secretary,** Bapatla Educational Society
5. **Sri. K. Hari Padma Prasad, Jt. Secretary,** Bapatla Educational Society.
6. **Sri. T. Ramakrishna Rao, Treasurer,** Bapatla Educational Society

Patrons:

Dr. Shaik Nazeer, Principal, Bapatla Engineering College.

Advisory Committee:

Dr. M. Rajesh Babu, HoD, CSE
Dr. N. Sudhakar, Professor, CSE
Prof. V. Chakradhar, HoD, CB, DS & AIML

FIVE DAY ONLINE FACULTY DEVELOPMENT PROGRAMME

On

Advanced Natural Language Processing

3rd – 7th October, 2023

Organized by

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BAPATLA ENGINEERING COLLEGE
(Autonomous)
(Accredited by NAAC 'A+')
Approved by AICTE, New Delhi
Affiliated to Acharya Nagarjuna University, Acharya Nagar, Guntur

BAPATLA, BAPATLA DIST., A.P., 522102

About the FDP

The field of Natural Language Processing (NLP) is one of the most important and useful application areas of artificial intelligence. NLP is undergoing rapid evolution as new methods and toolsets converge with an ever-expanding availability of data. The aim of this Faculty Development Program (FDP) on NLP is to provide advanced training in the concepts in natural Language Processing. This FDP will comprise of both theoretical and hands-on sessions to provide the participants with a comprehension of the state-of-the-art natural language processing methods so that participants can impart teaching of the NLP concepts, can develop NLP based products and can pursue research in the field of the NLP. Natural Language Processing is one of the widest, core, prime and important areas for researchers, educational sectors, business world and many organizations.

Topics Covered

1) NLP Introduction
2) Recent NLP Applications
3) Neural Language Models
4) RNN and LSTM models for NLP
5) Large Language Models

Eligibility

This Course is open to the entire faculty Members of AICTE approved institutions, Research Scholars, Persons working in R & D organizations and Institutions.

Registration & Fee Particulars

- Registration Fee: **FREE**
- Last date for registration:**1.10.2023**

Key Points:

- All the sessions are conducted online through the **Microsoft Teams app**.
- Attendance is mandatory.
- E – Certificate will be given to the participant who attends and submits feedback every day.
- Feedback link will be provided at the end of the session every day.
- Time: 04:00 PM to 06:00 PM

Resource Person:

Dr. M. Anand Kumar, Assistant Professor, Dept. of IT, NIT Karnataka, Surathkal.

Convener:

Dr. D. Kishore Babu, Associate Professor, CSE.

Coordinators:

1. **Mr. P. Nanda Kishore,** Asst. Prof, CSE
2. **Mr. M. V. Pavan Kumar,** Asst. Prof, CSE
3. **Mr. K. Siva Kumar,** Asst. Prof, CSE

Organizing Committee:

1. **Mr. T. Nagarjuna,** Asst.Prof, CSE
2. **Mr. K. Ashok Babu,** Asst.Prof, CSE
3. **Mr. K. Sundeep Saradhi,** Asst.Prof, CBDS
4. **Mr. N. Srikanth,** Asst.Prof, CSE

For any Queries contact:

- **Dr. D. Kishore Babu**, 9908300815.
- **Mr. M.V. Pavan Kumar**, 9966077732.

Registration form:

Online Registration form:

- Registration Link:

https://tinyurl.com/Advanced-NLP-Models

(OR)

Offline Registration form:

Title ☐ Mr. ☐ Ms. ☐Professor. ☐Dr. ☐ Mrs.

Full Name: ----------

Designation: ----------

Name of the Department: ----------

Organization Name: ----------

Organization Location: ----------

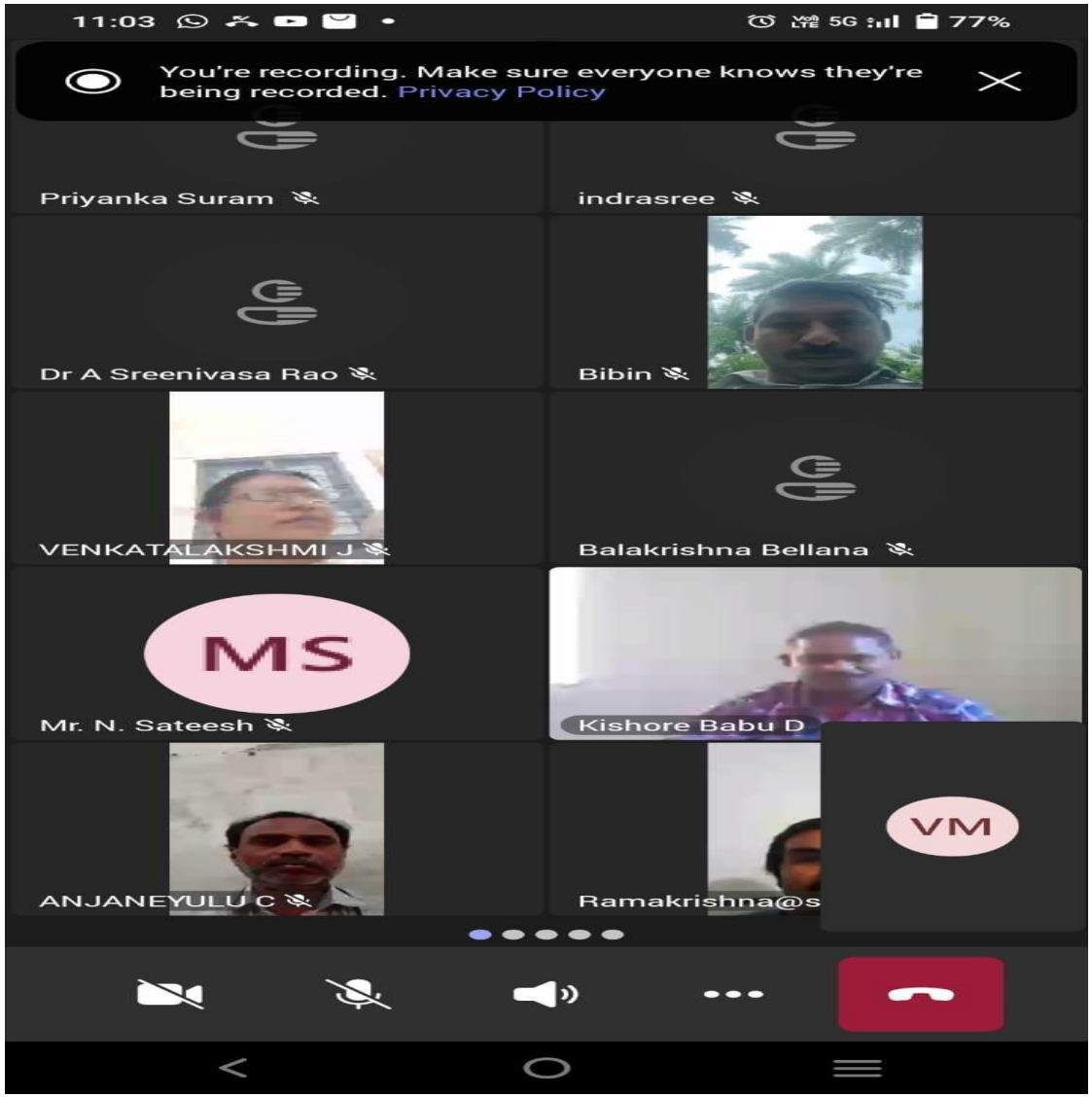
No. of Years' Experience: ----------

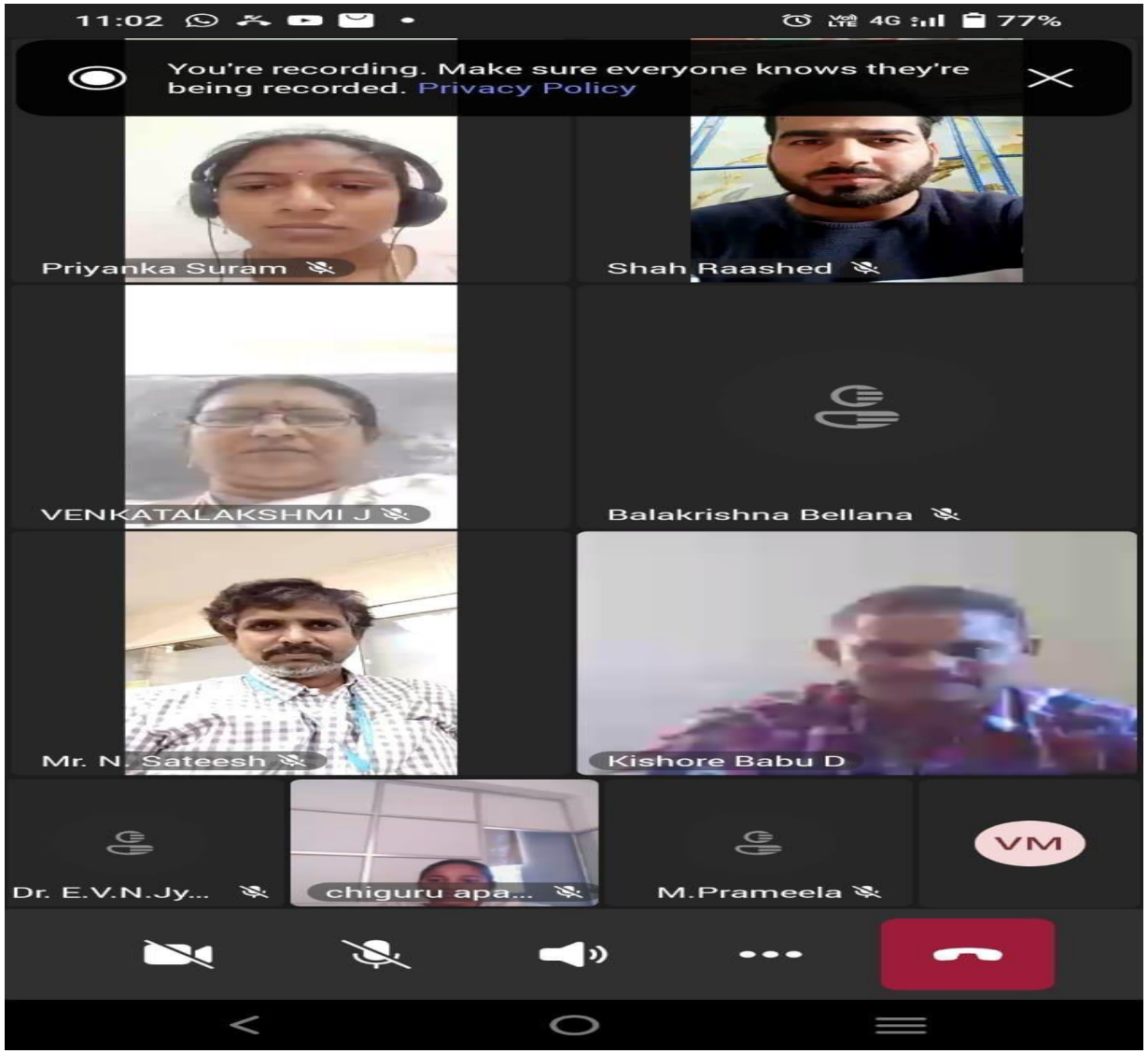
WhatsApp Mobile No: ----------

Filled form Send to:

HOD, CSE
Bapatla Engineering College.
BAPATLA, BAPATLA DIST., A.P., 522102

Participants:

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Balakrishna Bellana
Mr. N. Sateesh
Kishore Babu D
Dr. E.V.N.Jy...
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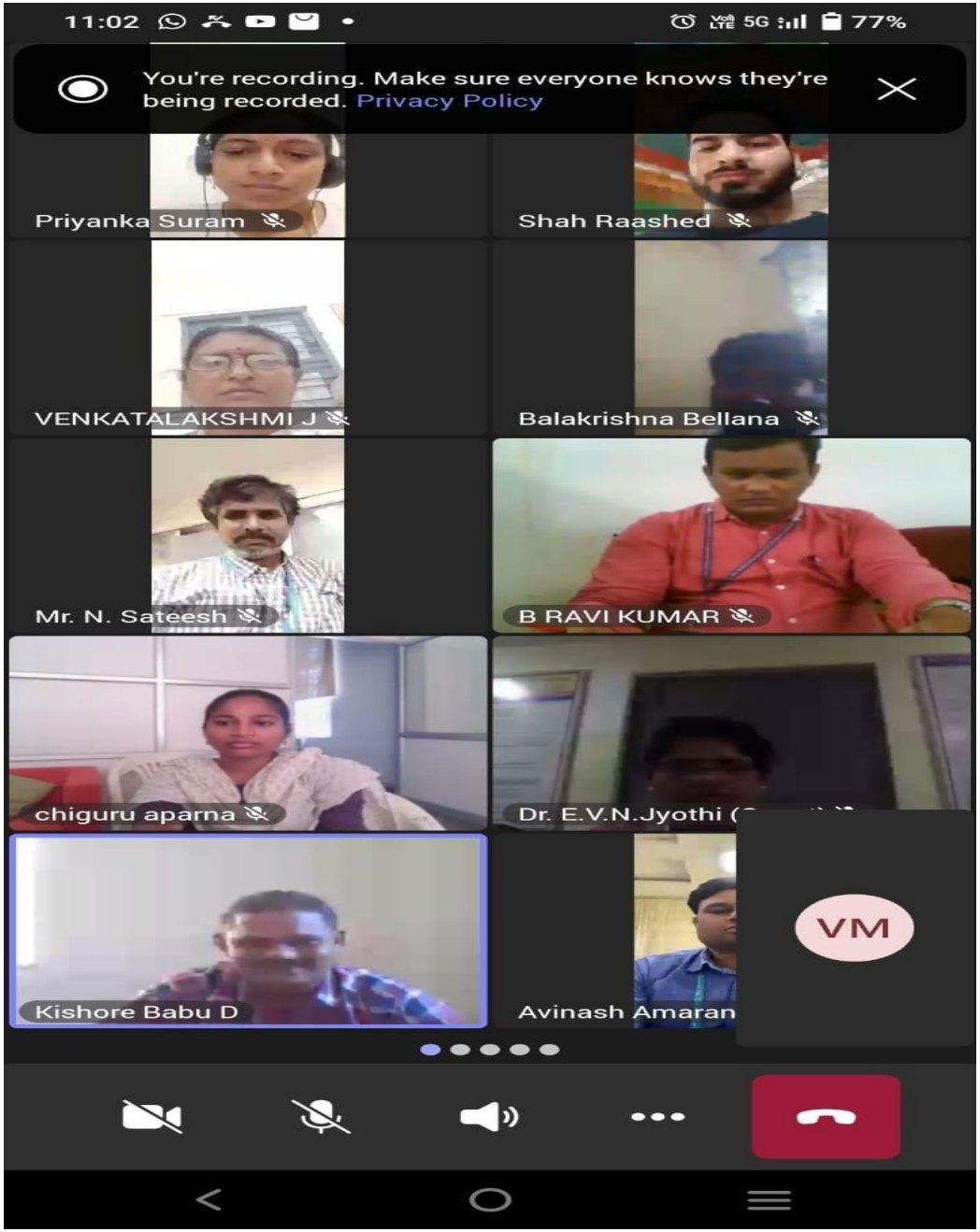
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Dr. E.V.N.Jyothi
Kishore Babu D
Avinash Amaran
VM

Bapatla Engineering College :: Bapatla

(Autonomous)

Department of Computer Science and Engineering

Certificate:
BEC/CSE/FDP/ANLP/474

Certificate of Participation

This is to certify that **Prof. SUDHAKAR NAGALLA of BAPATLA ENGINEERING COLLEGE** has participated in Five Day Online Faculty Development Program on "**Advanced Natural Language Processing** " organized by the Department of Computer Science and Engineering , during **3rd - 7th October, 2023.**

Dr. D. Kishore Babu
Convener

Dr. M. Rajesh Babu
HOD - CSE

Dr. Sk. Nazeer
Principal

Bapatla Engineering College :: Bapatla

(Autonomous)

Department of Computer Science and Engineering

Certificate:
BEC/CSE/FDP/ANLP/448

Certificate of Participation

This is to certify that **Professor CHAKRADHAR VETAGIRI of BAPATLA ENGINEERING COLLEGE** has participated in Five Day Online Faculty Development Program on "**Advanced Natural Language Processing** " organized by the Department of Computer Science and Engineering , during **3rd - 7th October, 2023.**

Dr. D. Kishore Babu
Convener

Dr. M. Rajesh Babu
HOD - CSE

Dr. Sk. Nazeer
Principal