



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B. REDDY NAGAR, MYLAVARAM, NTR DIST., A.P.-521 230.

hodads@lbrce.ac.in , ads@lbrce.ac.in, Phone: 08659-222933, Fax: 08659-222931

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

REPORT ON ONE WEEK FDP ON

“Multidisciplinary Research Trends in AI”

Event Type: Faculty Development Programme

Event Date & Timings: 20.02.2024 to 24.02.2024 (Online) 2-4 PM Everyday

Resource Persons:

- Mr.Nahar Singh, Chief Engineering AI/ML, Continental, Bangalore
- Dr.Partha Pakray, Associate Professor, NIT-Silchar
- Dr.Pallabi Saikia, Assistant Professor, RGIPT, Amethi
- Mr.D.Sai Satish, CEO, Indian Servers & AIMERS Society
- Dr.D.Pradeep Kumar, Assistant Professor, IIM Shillong

Convener:

- Dr.O.Rama Devi, Professor & HoD

Co-Conveners:

- Dr.V.Suryanarayana, Professor & Dean Industrial Relations
- Dr.Ch.Rajendra Babu, Professor

Coordinators:

- Mr.K.Sudhakar, Sr.Asst.Professor
- Mr.K.Venkatesh, Sr.Asst.Professor
- Mr.S.V.V.D.Jagadeesh, Sr.Asst.Professor
- Mrs.V.Sowjanya, Sr.Asst.Professor

In Association with: Spirit of AI Club, IEEE-SB LBRCE.

Objective: To inculcate the effective teaching and learning methodologies in the modern trends of Artificial Intelligence and equip and empower the faculty to impart their knowledge for the wellbeing of students and scholars.

About the event: The FDP program was designed to deliver and participate in online mode for the faculty only. Each day the resource person delivers lectures and hands-on online for the faculty. The faculty are from reputed organizations such as IIT's/NIT's/IIM's and some of the national importance institutions.



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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

INVITATION

For the Inaugural of
ONE WEEK NATIONAL LEVEL FACULTY DEVELOPEMENT PROGRAMME

on

**“MULTIDISCIPLINARY RESEARCH TRENDS
IN ARTIFICIAL INTELLIGENE”**

(20.02.2024 to 24.02.2024- Online)

Inauguraion on 20.02.2024, at 2 PM

Chief Patron

Sri Jaya Prakash Reddy, Honorary Chairman
Sri Prasad Reddy, Chairman

Patrons

Sri G.Srinivasa Reddy, President LBRCT
Dr.K.Appa Rao, Principal
Dr.M.Srinivasa Rao, Dean Academics

Resource Person

Dr.Pllabi Saiki, Assistant Professor,
Computer Science and Engineering,
Rajiv Gandhi Institute of Petroleum Technology, Amethi.

Convener

Dr.O.Rama Devi
Professor & Head (AI&DS)

Co-Conveners

Dr.V.Suryanarayana, Professor & Dean Industry Relations
Dr.Ch.Rajendra Babu, Professor

Coordinators

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V.Sowjanya, Sr.Asst.Professor





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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

FDP Schedule

| S.No. | Date | Topic | Speaker | Time |
|-------|------------|--|--|---|
| 1 | 20-02-2024 | Introduction to AI & Deep Learning Techniques and Applications | Dr.Pallabi Saikia, Assistant Professor, Rajiv Gandhi Institute of Petroleum, Technology, Amethi. | Inauguration 02:00 PM to 02:15 PM Session-1 02:15 PM to 04:00PM |
| 2 | 21-02-2024 | Machine Learning for Business | Dr.D.Pradeep Kumar, Assistant Professor, IIM Shillong. | Session-2 02:00 PM to 03:00 PM 3:00 to 3:05(Break) 3:05 PM to 04:00PM |
| 3 | 22-02-2024 | Deep Learning | Mr.Nahar Singh, Chief Engineer AI/ML, Continental, Bangalore. | Session-3 02:00 PM to 03:00 PM 3:00 to 3:05(Break) 3:05 PM to 04:00PM |
| 4 | 23-02-2024 | NLP and Machine Translation | Dr.Partha Pakray, Associate Professor, NIT, Silchar-Assam. | Session-4 02:00 PM to 03:00 PM 3:00 to 3:05(Break) 3:05 PM to 04:00PM |
| 5 | 24-02-2024 | NLP and Fine Tuning LLM's | Mr.D.Sai Satish, CEO, Indian Servers, Artificial Intelligence Medical and Engineering Researchers Society. | Session-5 02:00 PM to 03:40 PM Valedictory 03:40PM to 04:00PM |

BROCHURE

Chief Patrons

- Sri Lakireddy Jayaprakash Reddy, USA, Honorary Chairman
- Sri Lakireddy Prasad Reddy, USA, Chairman

Patrons

- Sri.G.Srinivasas Reddy, President
- Dr.K.Appa Rao, Principal
- Dr.M.Srinivasa Rao, Dean Academics

Convener

- Dr.O.Rama Devi, Professor & HoD

Co-Conveners

- Dr.V.Suryanarayana, Professor, Dean Industry Relations
- Dr.Ch.Rajendra Babu, Professor

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- Mr.K.Venkatesh, Sr.Asst.Professor
- Mr.S.V.V.D.Jagadeesh, Sr.Asst.Professor
- Mrs.V.Sowjanya, Sr.Asst.Professor

Organizing Committee

- Mr.S.Sivarama Krishna, Sr.Asst.Professor
- Mr.P.Narendra Babu, Sr.Asst.Professor
- Mr.D.Srinivasa Rao, Sr.Asst.Professor
- Mr.V.Chandra Kumar, Asst.Professor
- Mr.P.Gandhi Prakash, Asst.Professor
- Mrs.K.Vinaya Sree Bai, Asst.Professor
- Mr.M.Kishore Kumar, Asst.Professor
- Mrs.P.Madhavi, Asst.Professor
- Ms.G.Divya, Asst.Professor
- Mr.J.Nagaraju, Asst.Professor
- Mrs.K.Lakshmi Padmavathi, Asst.Professor

FDP Objectives

- Aim to empower research scholars and faculty members to leverage AI, DL, and NLP in their research pursuits and contribute meaningfully to advancements in their respective fields.
- The emphasis is on practical skills, collaboration, and the translation of research outcomes into real-world applications.

FDP Schedule

- Dates: 20-24 FEB 2024.
- Timings: 2 - 4 PM Everyday.
- Meeting Link will be sent after Registration.

Topics to be Covered

- Introduction to Artificial Intelligence
- Applications of AI (ML and CNN)
- Deep Learning
- Natural Language Processing
- Machine Translation
- Sentiment Analysis

Resource Persons

- Eminent Professors and Experts in the area of Artificial Intelligence, Machine Learning from IITs/NITs/ IIM's/ Industry and Other Esteemed Institutions.

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L.B.Reddy Nagar, Mylavaram, NTR(Dt), AP,INDIA. 521230.
www.lbrce.ac.in

**One Week National Level
Faculty Development Program on
"Multi-Disciplinary Research
Trends in
Artificial Intelligence"
20 - 24 February 2024**

Organized by
**Department of
Artificial Intelligence and Data Science
(AI&DS)**
www.lbrce.ac.in/ai
In Association with

AIMERS

Address For Communication
Dr.O.Rama Devi, Convener- FDP
Department of Artificial Intelligence and Data Science,
LB Reddy Nagar, Lakireddy Bali Reddy College of Engineering,
Mylavaram, NTR(Dt), AP, INDIA. 521230. Email: fdp.ai@lbrce.ac.in
Phone: 9010603595, 8985652558, 9030975780

Mr.Nahar Singh
Chief Engineer AI/ML
Continental, Bangalore, India.

Dr. Partha Pakray
Associate Professor,
National Institute of Technology Silchar
(Govt. of India)

Dr.Pallabi Saikia
Assistant Professor, Computer Science
and Engineering, Rajiv Gandhi Institute
of Petroleum, Technology, Amethi.

Mr.D.Sai Satish
CEO, Indian Servers,
AIMERS - Artificial Intelligence Medical
and Engineering Researchers Society.

Dr.D.Pradeep Kumar
Assistant Professor
IIM Shillong.



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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

| | | |
|--|---|--|
| <p>About the LBRCE College</p> | <p>About the AI&DS Department</p> | <p>Participants</p> |
|  |  | <ul style="list-style-type: none"> Faculty of Engineering from all AICTE Approved Institutions Research Scholars / PG Students / Industry <p>Registration QR Code & Link</p> <ul style="list-style-type: none"> Registration Fee: Rs. 150/- per participant Registration Link: https://bit.ly/aifdp2024 Complete the payment to this UPI Code through any of the UPI payment facility Last Date for Registration: 18 -02 - 2024  |
| <p>Lakireddy Bali Reddy College of Engineering (LBRCE) was founded through Lakireddy Bali Reddy Charitable Trust in 1998 by eminent philanthropist and NRI Entrepreneur Sri Lakireddy Bali Reddy, a Chemical Engineer by qualification. Since the inception, LBRCE aims at co-creating value-based technical excellence, which ultimately leads to the development of the rural area where the college is situated.</p> <p>Lakireddy Bali Reddy College of Engineering (LBRCE), approved by AICTE and affiliated to JNTUK, Kakinada is an Autonomous Institution since 2010 and has been accredited by NAAC with 'A' Grade (3.20 / 4 in Cycle-2), NBA (ASE, CE, CSE, IT, ECE, EEE, & ME) under Tier-I and ISO 21001:2018, 14001:2015, 50001:2018 Certified.</p> <p>It has also been awarded 2(I) and 12(B) status and Recognized as a 'Colleges with Potential for Excellence' (CPE) by UGC. It ranks in 101-150 Rank Band in NIRF India Innovation Rankings - 2023 and ranked 251-300 band (Under Engineering) in NIRF India Rankings - 2022, 201-250 band (Under Engineering) in NIRF India Rankings - 2020. At present, we offer 9 B.Tech programs in CSE, CSE (AI&ML), AI & DS, IT, ECE, EEE, CE, ASE, ME and 4 M.Tech programs in Data Science, Thermal Power Engg., Power Electronics & Electrical Drives, VLSI and Embedded Systems Design, apart from M.B.A. Operating from a 65-acre green landscaped campus in Mylavaram, major facilities include 7 advanced labs, Internet with 1820 Mbps bandwidth, Digital Library, 500KWp solar PV system, Indoor and Outdoor stadium, Gym, Yoga center, NSS unit, NCC Girls wing, Girls and Boys hostels. The teaching-learning process is handled by highly-qualified and experienced faculty. In R&D, we currently handle 12 projects sanctioned by DST, Govt. of India, UGC, and AICTE amounting to Rs 7 Crores, besides 29 patents and 1150+ research publications. Also 5 depts. function as research centers of JNTUK, Kakinada.</p> | | <p>Registration Form</p> |
| <p>Department VISION</p> <ul style="list-style-type: none"> To impart Quality Education and produce innovative and Ethical Engineers in the Domain of Artificial Intelligence and Data Science. <p>Department MISSION</p> <ul style="list-style-type: none"> To impart Strong foundation of statistics for understanding data science and develop self-sustained professionals. To establish high performance computational facilities and tools to develop innovative and intelligent solutions. To collaborate with renowned industries and institutions for multidisciplinary research and development. To impart value-based education and lifelong learning skills in developing AI and DS based solutions for the satisfaction of all stakeholders. | | <p>One Week National Level Faculty Development Program on "Multi-Disciplinary Research Trends in Artificial Intelligence" 20 - 24 February 2024</p> <p>Salutation: Dr./Mr./Ms. Name: _____</p> <p>Participant Category: Faculty/Scholar/Industry _____</p> <p>Designation: _____</p> <p>Department: _____</p> <p>Institution/University/Company Name: _____</p> <p>Address for Communication: _____</p> <p>E-mail: _____</p> <p>Phone Number: _____</p> <p>Is the Institution Approved by AICTE: Yes / No _____</p> <p>Online Form Filled: Yes / No _____</p> <p>Date: _____</p> <p style="text-align: right;">Signature of the Participant _____</p> |

REGISTRATION SUMMARY

- TOTAL REGISTERED: 144
- Attended the course: 133.



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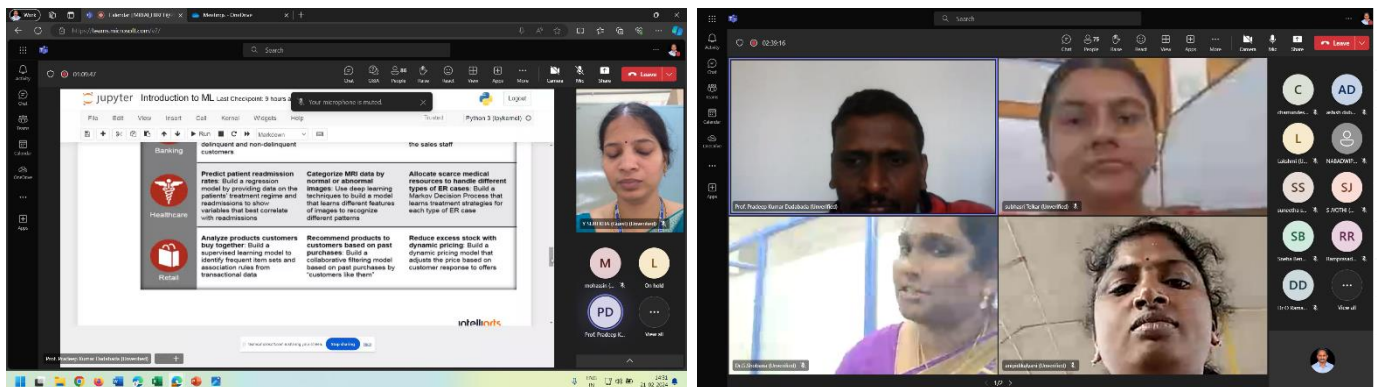
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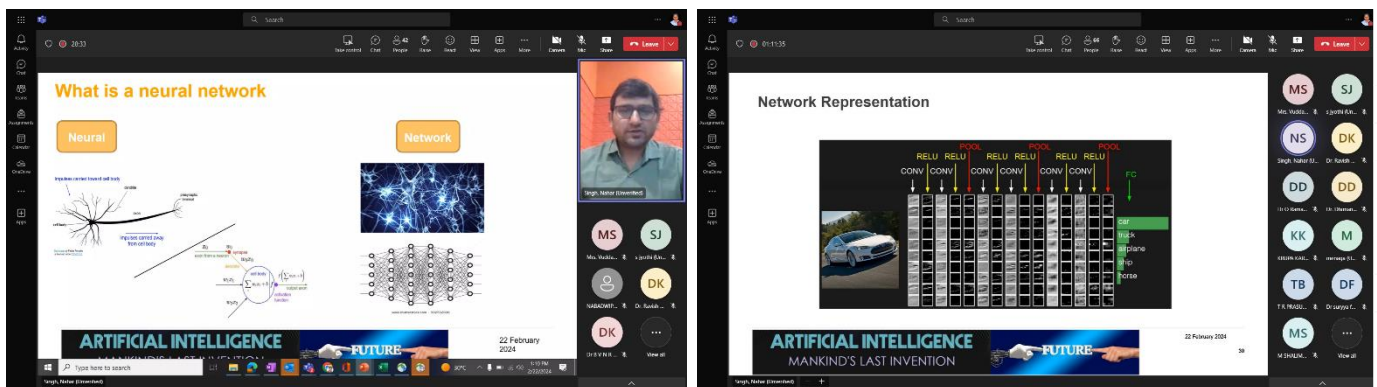
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DAY-2:: GALLERY :: FDP:: ONLINE



DAY-3:: GALLERY :: FDP:: ONLINE





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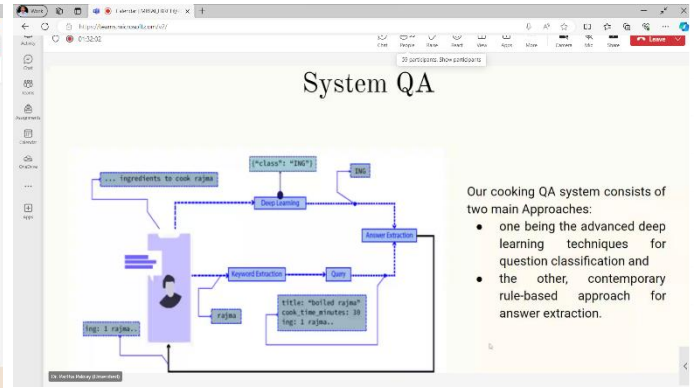
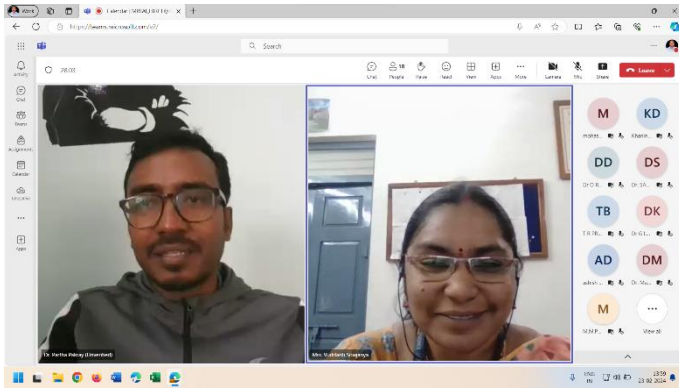
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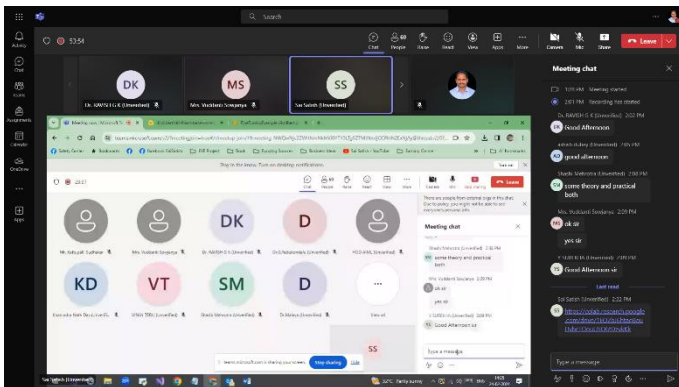
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DAY-4:: GALLERY :: FDP:: ONLINE



DAY-5:: GALLERY :: FDP:: ONLINE





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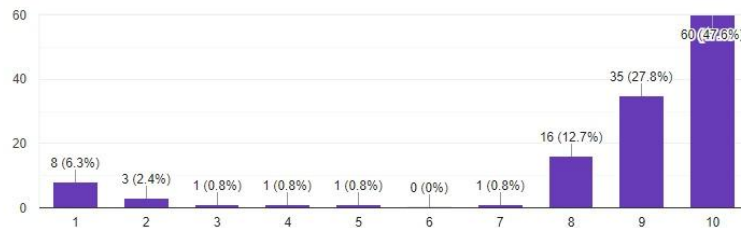
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FEEDBACK

Overall Rating of the FDP

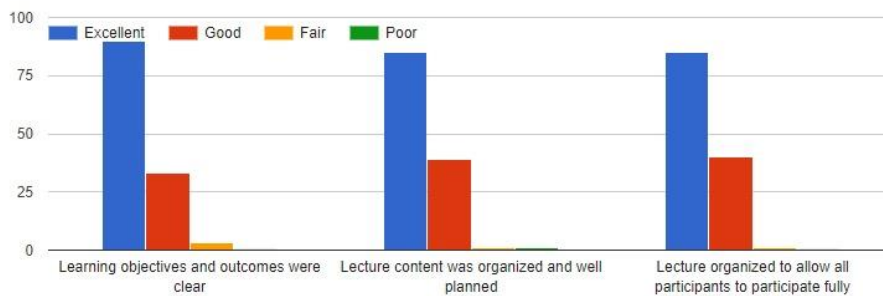
126 responses

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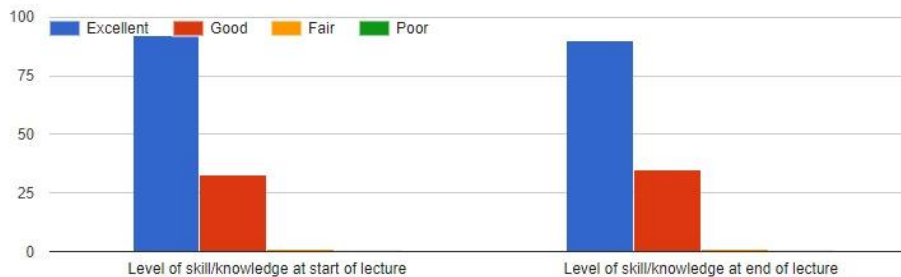
Lecture Content

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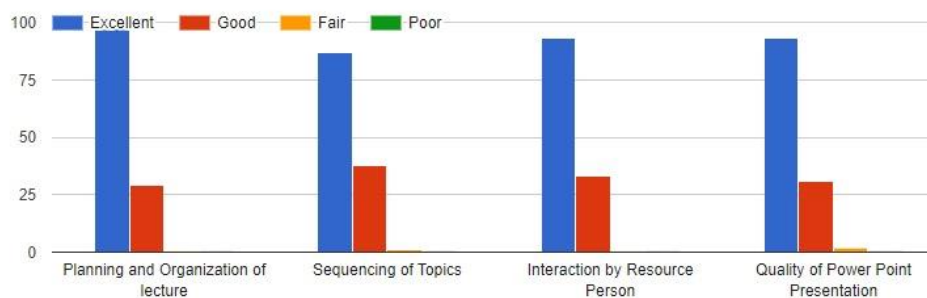
Contribution to Learning

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Presentation by Resource Person

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PRESS REPORT

యల్.బి.ర్.సి.ఈ ఆర్టిఫిషియల్ ఇంటెలిజెన్స్ అండ్ డేటా సైన్స్ విభాగంలో జాతీయ స్థాయిలో ఫ్యాకల్టీ డెవలప్మెంట్ ప్రోగ్రాం

మైలవరం, ఫిబ్రవరి 20 (మనం న్యూస్) : స్థానిక లకిరెడ్డి బాలిరెడ్డి ఇంజనీరింగ్ కళాశాలలో ఆర్టిఫిషియల్ ఇంటెలిజెన్స్ అండ్ డేటా సైన్స్(ఎ ఐ %డి ఎస్) విభాగంలో “ మల్టీకమ్ లైసెన్సీ రీసెర్చ్ ట్రెండ్స్ ఇన్ ఆర్టిఫిషియల్ ఇంటెలిజెన్స్” అనే అంశం మీద ఫ్యాకల్టీ డెవలప్మెంట్ ప్రోగ్రాం .బదు రోజుల పాటు 20. 02. 2024 నుండి 24. 02. 2024 వరకు నిర్వహిస్తున్నారు ఈ అధ్యాపక శిక్షణా అభివృద్ధి కార్యక్రమాన్ని ఎన్ఐఐ/ ఐఐఎం/ఆర్ఐఐపిఐఐ/అనే ప్రముఖ కేంద్ర ప్రభుత్వ ప్రాధాన్యత కలిగిన యూనివర్సిటీ నుండి మరియు కానిటైనల్ ఏఐ ఇండియన్ సర్వీసెస్ ఏఐఎంఈఆర్ఎస్ సొసైటీ అనే ప్రఖ్యాత ఐఐఐ పరిశ్రమల నుండి వక్తలు వారియొక్క అనుభవంలో నుండి ఆర్టిఫిషియల్ ఇంటెలిజెన్స్ మెకానిక్ లెర్నింగ్ డీప్ లెర్నింగ్ న్యూచరల్ లాంగ్వేజ్ ప్రాసెసింగ్ అనే అంశాలను నేర్పించనున్నారు. ఈ రోజు పల్లభి సైకి వక్తగా వ్యవహరించనున్నారు. అలాగే డి, ప్రదీప్ కుమార్ (ఐఐఎం), సీలింగ్ నార్సింగ్, అత్త పక్రి , ఎన్ఐఐఐ సిల్వారు డి, సాయి సతీష్ సీఈవో ఇండియన్ సర్వీసెస్ అండ్ ఏఐఎంఈఆర్ఎస్ సొసైటీ వంటి ప్రముఖులు మిగతా రోజులలో వక్తలుగా వ్యవహరించనున్నారు. ఈ కార్యక్రమానికి కళాశాల ప్రిన్సిపాల్ కె , అప్పారావు ముఖ్య అతిథిగా విచ్చేసి, ఫ్యాకల్టీ కి ప్రయోజనకరమని అత్యాధునిక సాంకేతిక పరిజ్ఞానంతో కూడిన అంశాలని దేశం యొక్క ప్రముఖ సంస్థలనుండి మరియు ఐఐఐ పరిశ్రమలనుండి వక్తలు రావడం ఎంతో ఆనందం కలిగిస్తున్నది అని తెలియజేశారు. ఇండస్ట్రీ రిలేషన్స్ డీల్ వి సూర్యనారాయణ మాట్లాడుతూ ఎ ఐడి ఎస్ విభాగమునుండి ఇలాంటి ప్రముఖ కార్యక్రమాలు ఫ్యాకల్టీ



సాంకేతిక పరిజ్ఞానమునకు పదును పెట్టడం లాంటిది అనితెలియ జేశారు. ప్రస్తుత సాంకేతిక ప్రపంచములో ప్రాజెక్టులు చేయాలంటే భవిష్యత్ సాంకేతిక పరిజ్ఞానమును ఫ్యాకల్టీ ముందుగానే నేర్చుకుంటే మాత్రమే అది సాధ్యపడుతుంది అని అభిప్రాయపడ్డారు. కన్వీనర్ ఓ, రమాదేవి ప్రొఫెసర్ మరియు ఎ ఐ %డి ఎస్ విభాగాతిపతి మాట్లాడుతూ ప్రస్తుత సాంకేతిక ప్రపంచములో ఆర్టిఫిషియల్ ఇంటెలిజెన్స్ యొక్క ప్రాముఖ్యత ను దృష్టిలో ఉంచుకొని ఫ్యాకల్టీకి ప్రయోజనకరంగా వుండే విధంగా ఈ విభాగములు అనుభవము కలిగిన వారిని ఈ కార్యక్రమానికి వక్తలు గా ఆహ్వానించడం జరిగింది అని తెలియజేశారు. ఈ అధ్యాపక శిక్షణా అభివృద్ధి కార్యక్రమానికి 10 కన్నా ఎక్కువ రాష్ట్రాలనుండి మంచి స్పందన రావడం గమనార్హం. ఈ కార్యక్రమానికి కె, సుధాకర్ కే, వెంకటేశ్ ఎస్ .వి. వి. డి, జగదీష్ మరియు వి, సౌజన్య లు కోఆర్డినేటర్లు గా వ్యవహరించారు. ఎ ఐ %డి ఎస్ విభాగము అధ్యాపకులు అందరూ ఈ ఫ్యాకల్టీ డెవలప్మెంట్ ప్రోగ్రాం లో పాల్గొన్నారు.

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