



Professor, Department of CSE,
Narsimha Reddy Engineering College (Autonomous)
Hyderabad, Telangana State, India- 500100.

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Academic Qualifications:

Course	Institute/University	Percentage	Year of completion
Post Doc	University of Louisiana at Lafayette, USA	October 15, 2022- October 14, 2023
Topic: Early Fire Danger Monitoring System for Smart Cities Based on big data and artificial intelligence.			
Ph.D (CSE)	JNTUA, Anantapur	2018
Ph.D Thesis Title: Optimal Security for sensitive data in Cloud Computing			
M. Tech. (Software Engineering)	JNTUA, Anantapur	83.71	2012
B. Tech (CSE)	JNTUA, Anantapur	74.88	2010
Intermediate (MPC)	BIE, A.P	75.10	2006
SSC	BSE, A.P	75.33	2004

Experience:

Teaching:

- Presently working as a Professor in the Department of Computer Science & Engineering at Narsimha Reddy Engineering College, Hyderabad from 20-06-2022 to till Date.
- Four years teaching experience as an Associate Professor in CSE at Sri Venkateswara College of Engineering, Tirupati from 21-06-2018 to 18-06-2022.
- Six years of Teaching experience as Assistant Professor (Adhoc) at JNTUA College of Engineering, Anantapur from 01-07-2010 to 20-06-2018.
- Ratified as Assistant Professor in CSE, NRCM, by JNTUH, Hyderabad, JNTUH Faculty ID: 9993-220707-120459.

Job Description:

- Teaching for B. Tech, M. Tech and M.C.A students

Subjects handled : Human Computer Interaction, Cyber Forensics, Operating Systems, Mathematical Foundations of Computer Science, Design Patterns, , ADBMS, Operation Research, Management Information Systems, Software Project Management, Software Process and Project Management, Machine Learning, Software Reliability, High Performance Computing, Object oriented analysis & Design, Cloud computing, Cryptography & Network Security, Computer Organization, Computer Vision, Research Methodology (Audit Course), Human Values & Professional Ethics (Audit Course), Cyber Security.

- Setting up laboratories.

- **Supervising B. Tech, M. C.A, M. Tech and Ph.D.**

B. Tech – 22; M.C.A – 23; M. Tech – 11: Post Doc: 2 (Pursing);

Ph.D- 7 (Pursing)

- 1) Mr. Kuruva Chandrasekhar [Roll No.2136070024]- Annamalai University.
- 2) D Shaik Abdulla 2022 Winter Batch- Bharatiya Engineering Science & Technology Innovation University (BESTIU)
- 3) P Rakesh, 2022 Winter Batch- Bharatiya Engineering Science & Technology Innovation University (BESTIU)
- 4) M. Triveni, 2022 Winter Batch- Bharatiya Engineering Science & Technology Innovation University (BESTIU).
- 5) B Rama Ganesh, Batch-2024 Summer- Batch- Bharatiya Engineering Science & Technology Innovation University (BESTIU)
- 6) Upendrakumar Reddy, Batch-2023 Summer, CS, Bharatiya Engineering Science & Technology Innovation University (BESTIU)
- 7) V Prema Latha, Batch-2023 Summer, CS, Bharatiya Engineering Science & Technology Innovation University (BESTIU)

Post Doc: 2 (Pursing);

- 1) Dr. M. Rajaram Narayanan, SIT – Dr Sivaneasan / Power & Energy Lab / Postdoc / 2024 / 7-H, Singapore Institute of Technology
- 2) Dr. R. Subash Chandra Bose, SIT – Dr Sivaneasan / Power & Energy Lab / Postdoc / 2024 / 7-K, Singapore Institute of Technology

Journal/Conferences/Workshops/FDPs/Training Programmers/Symposium/patent/Text Books/ Key Note/ Invited / Guest lecture attended:

International Journal + International Conferences	51+ 20
National Conferences +NPTEL Course Completed	4 +5
NITTT Modules	8 Modules completed
Workshops + Symposium	26 + 4
Chairing Technical Sessions+ Training Programmers attended	19+2
Faculty Training Programmes attended	41
Key note/Invited/Guest lectures	20
Acted as Coordinator	16
Patents + Awards	11 +11
Text Books + Book Chapters	5 + 2
FDP Sanctioned AICTE/SERB/CSIR +Applied	7+8
Editorial Board Member +Reviewer	4+9
Funding Agency Sanctioned +Applied	3+8
International/ National Conferences Organized	1+3
Funding Agency Sanctioned Total Amount	Rs.91,44,429/-

SCI/SCI-E/WoS : 3
Scopus Journals :13
Conference Scopus Indexing : 5
UGC Approved Journals : 25
AICTE/Other Journals : 5

Google Scholar Citation:

<https://scholar.google.co.in/citations?user=5kGGIIYAAAAJ&hl=en>

ORCID Link: <https://orcid.org/0000-0002-0521-8370>

VIDWAN ID & URL: [324751](https://vidwan.inflibnet.ac.in/profile/324751) & <https://vidwan.inflibnet.ac.in/profile/324751>

Web of Science Link: <https://www.webofscience.com/wos/author/record/ABG-4187-2021>

Scopus Citations: <https://www.scopus.com/authid/detail.uri?authorId=57192683016>

Project Sanctioned:

- Entitled as “Empowering the Blind with Digital Literacy Accessible Document Scanner to generate eBook’s and Braille into Audio format for Blind People” Temporary Registration No. : TPN / 100053, Submission Date: 26/09/2023, Division: SEED, Programme or Scheme : Technology Interventions for Disabled and Elderly (TIDE), SEED/TIDE/2023/1244 Duration of **Three Years** Dated: 17-04-2025, Total Amount in Rs. **46,24,929/-** **Principal Investigator (Received).**
- Entitled "**Awareness and Exploration of Cyber Security to the rural Schools of Chittoor district, Andhra Pradesh.**", Division: NCSTC Programme or Scheme: CHILDREN CENTRIC OUTREACH PROGRAMME, One Year- Project **Cost Rs.17,83,500/-** Reference No./letter no.: CO/B/FP/G44/2022 dated: 09/07/2024 in the year 2024-2025 **Principal Investigator (Received).**
- Entitled “**Eco- Friendly India**” Sustainable fashion Bhukya Jasvath (Student) MSME Idea Hackathon 2.0 Under the incubation Component of MSME Innovative scheme GoI Assistance. The total Project cost is **1500000/-** File No: 17(2)/MSME Innovation/ PMAC/2021-22 Dated:13/07/2023. Dr. P. Dileep Kumar Reddy (**Mentor of the Project (Received).**)

Seminar/ FDP Sanctioned:

- Received an amount of Rs. **93000/-** for organizing a FDP “**Robotic Process Automation: Tools and Techniques**” in SV College of Engineering, Tirupati during 04-08 January 2021, **Sponsored by AICTE and ATAL** as Coordinator. File no: 01/AICTE/ATAL-HQ/2020-2021/1052(18) Dated: 22/12/2020
- Received an amount of Rs. **93000/-** for organizing a AICTE-ISTE Sponsored Six Days Induction/Refresher Programme “**Business Intelligence & Big Data Analytics**” in SV College of Engineering, Tirupati during 09-15 December 2021, **Sponsored by AICTE and ISTE** as Coordinator. File No: ISTE/AICTE-ISTE FDP/2021-22 Dated: September 17, 2021.
- Received an amount of Rs. **150000/-** for organizing a One week Workshop on “**Societal applications of Block Chain Technology and Cyber Physical Systems**” File Number: SSY/2023/000308, Submission Date: 27-Mar-2023, Application for Financial Assistance for Seminar/Symposia **150000/-** in the year 2023-2024. File No: SERB/F/5060/2023-2024 Dated: 19/08/2023, **Sponsored by DST-SERB.**
- Received an amount of Rs. **50000/-** for organizing a One week Workshop on “Societal application of Artificial intelligence and Machine Learning in Mechanical and Civil Engineering” from “18th December 2023 to 23rd December 2023” Grant sanction letter No. Sym/12223/23 Dated: 28/11/2023 **Sponsored by CSIR- HRDG.**
- Received an amount of Rs. **200000/-** for organizing: Three days seminar on Emerging Fields: Health Care & Med-Tech, Title of the Seminar: Applications of Health Care Using Deep

Learning in Telugu Language, Date of the seminar: 23/07/2024 to 25/07/2024 **Sponsored by AICTE.**

- Received an amount of **Rs. 350000/-** for organizing one week faculty development programme on Quantum Computing: Artificial Intelligence & Machine Learning date of the FDP is 02-12-2024 to 07-12-2024, **Sponsored by AICTE-ATAL.**
- Received an amount of **Rs. 100000/-** for organizing one week faculty development programme on Deep Learning for Social Impact: Atomic Object Detection in Real-World Applications date of the FDP is 03-02-2025 to 08-02-2025, **Sponsored by AICTE-ATAL.**

Funded Projects:

- Received a fund of **Rs. 200000/-** to Implement Two projects under **Council for Social Development & DST-IEDC.**
 1. Precision Medicine Strategy Using Cognitive computing.
 2. Smart Environment monitoring System.

List of Projects submitted (During the Last Six Years):

- 1) Applied on Scheme: Grant For Organizing Conference (GOC)2024. . **(Not Approved)**
- 2) Applied on Scheme AICTE AURA 2024: An amount of up to Rs. 2 lakhs would be reimbursed to the researcher to take up a research after submitting the payment receipt for utilization of equipment/ facilities registered on I-STEM Portal. /-**(Submitted).**
- 3) Submitted on Principal Investigator I entitled as " Enhancing Scientific Outcomes by Leveraging AI to Foster Knowledge Transfer to the Society through Samvaad Gurus Samvaad Mitr " Temporary Registration No. : TPN / 112146, Submission Date: 23-July-2024, Division: NCSTC, Programme or Scheme : Call for Proposal Under NCSTC Division, Total Amount in Rs. 5129000/-. **(Not Approved)**
- 4) Applied on Scheme titled: AICTE- VAANI (Vibrant Advocacy for Advancement and Nurturing of Indian Languages) AICTE PID: 1-5902521, Collège Name: NARSIMHA REDDY ENGINEERING COLLEGE (Autonomous) Hyderabad, Emerging Fields: Advanced Computing (Supercomputing, AI, Quantum Computing) Title of the Workshop: Advancing Technical Education: Exploring Supercomputing and Artificial Intelligence in Telugu Language, Date of the Workshop: 02/09/2024 to 04/09/2024. **(Not Approved).**
- 5) Submitted on Chief Investigator R&D PROJECT PROPOSAL FOR SEEKING FINANCIAL SUPPORT R&D in Cyber Security Project Proposal On “Cyber Sentinel: Vigilant Analysis and Proactive Threat Mitigation” Government of India, Ministry of Electronics and Information Technology (MeitY), Cyber Security Research and Development Group. The total of the Project cost **Rs.25, 34,160: 2023-2024 (Not approved).**
- 6) Applied on Indian Space Research Organization (ISRO), on “Societal application of Atomic Object detection With Deep Learning” from **5th – 10th February, 2024.** The proposed FDP, if approved, will be coordinated by Dr. P. Dileep Kumar Reddy, Associate Professor in CSE **(Not approved).**
- 7) Applied on AICTE Training and Learning (ATAL) FDP (Advanced) on “Hybrid Deep Learning Based Model to identifying and naming activities based on Human Activity Recognition” from 09/10/2023 to 14/10/2023. The proposed FDP, if approved, will be coordinated by Dr. P. Dileep Kumar Reddy, Associate Professor in CSE **(Not approved).**
- 8) Submitted on Principal Investigator II entitled as "Science Technology and Innovation Hub for Development of Scheduled Caste Community in An Artificial Intelligence enabled low Cost mechanized manufacturing of leather products in Ponnaram Mandamarri Mandal Block, Adilabad District, Telangana State" Temporary Registration No. : TPN / 97971, Submission Date: 19-August-2023, Division: SEED, Programme or Scheme : STI Hub for SC Community Total Amount in **Rs. 9423079/-.(Not Approved).**
- 9) Submitted on Principal Investigator II entitled as “Project Proposal On "Exploring Smart Devices and Sensor Integration for Farming in Telangana– A Hands-on Demonstration Program for Rural Communities” Temporary Registration No. : TPN / 93780, Submission

Date: 30-June-2023, Division :NCSTC Programme or Scheme : Traditional And Novel Modes Of Hands On Stemm Demonstrations Science Media And Scientific Literacy, Total Amount in Rs.27,30,000/-.(**Not approved**).

- 10) Submitted on Co-Investigator II entitled as “Building Digital Resilience Empowering Rural Communities in Telangana with Hands-on Security Training” Temporary Registration No. : TPN / 95954, Submission Date:28-June-2023, Division :NCSTC Programme or Scheme : Traditional And Novel Modes Of Hands On Stemm Demonstrations Science Media And Scientific Literacy, Total Amount in Rs. 2283000 /-.(**Not approved**).
- 11) Submitted Co-Investigator II on entitled as "Awareness Environmental Impacts on Water and Soil quality with Special Reference to Pharma industry using GIS and Remote Sensing to the rural and urban Schools of medchal malkajgiri district, Telangana. Temporary Registration No. : TPN / 95938 Submission Date: 28-June-2023,Division :NCSTC Programme or Scheme : Traditional And Novel Modes Of Hands On Stemm Demonstrations Science Media And Scientific Literacy" Total Project cost is 2110000/- /-.(**Not approved**).
- 12) Submitted on entitled “Provide the customized treatment from DNA sequences based on recognition of high risk human cell broadening using cognitive computing approaches”. File Number: CRG/2023/002057, Submission Date: 14-Mar-2023, SERB -Core Research grant, Research Area: Electrical Electronics & Computer Engineering (Engineering Sciences) 36 Months 56, 78,360/- in the year 2023-2024 (**Not approved**).
- 13) Applied on AICTE Training and Learning (ATAL) FDP on “Artificial Intelligence: Face Recognition Techniques” from 10/10/2022 to 21/10/2022. The proposed FDP, if approved, will be coordinated by Dr. P. Dileep Kumar Reddy, Associate Professor in CSE. (**Not approved**).
- 14) Submitted on entitled “Customized treatment based on DNA sequence to broadening the recognition of high risk human cells by applying the cognitive computing methodologies”. Reference No. : 182022007266, SERB -Core Research grant, Research Area: Electrical Electronics & Computer Engineering (Engineering Sciences) 36 Months 34, 50,000/- in the year 2022-2023 (**Not approved**).
- 15) Submitted on entitled “High risk human cells broadening recognition in customized treatment from DNA sequences using cognitive computing approaches” Reference No: 182021005005, SERB- Scheme : Core Research grant, Research Area : Electrical Electronics & Computer Engineering (Engineering Sciences) 36 Months- Project Cost Rs 66,71,000/- in the year 2021-2022. (**Not approved**).
- 16) Applied on AICTE Training and Learning (ATAL) FDP (Advanced) (Elementary) on “Industrial Internet of Things” from 12/12/2021 to 16/12/2021. The proposed FDP, if approved, will be coordinated by Dr. P. Dileep Kumar Reddy, Associate Professor in CSE(**Not approved**).
- 17) Application form for Research Methodology/Capacity Building Programme, ICSSR-CBP- 2025-4539, **Date of programme : 08-09-2025 to 18-09-2025,Duration (Day): 10 working days** the ICSSR for organizing a Research Methodology Course for Social Sciences Faculty

Text Books Authored:

- Dr. C. Shoba Bindu, **Mr. P. Dileep Kumar Reddy**, Mr. K. Sekhar, “Programming in C and Data Structures”, Published by: LAP LAMBERT Academic Publishers,(July 16, 2014)ISBN-13: 978-3659566288, ISBN-10: 3659566284, 344 Pages.
- Mr. K. Sekhar, Dr. R. Praveen Sam, **Mr. P. Dileep Kumar Reddy** “Computer Organization and Architecture”, Published by: LAP LAMBERT Academic Publishers, (September 26, 2014) ISBN-13:978-3659-571190, ISBN- 10: 3659571199, 368 Pages.
- Dr. C. Shoba Bindu, **Mr. P. Dileep Kumar Reddy**, Dr. K. Dhana Sree “Programming in JAVA”, Published by: LAP LAMBERT Academic Publishers, (27 May, 2017) ISBN-13:978-3330081260,ISBN-10: 3330081260,212 Pages.

- **Dr. P. Dileep Kumar Reddy**, K. Manoj Kumar, P.M. D Ali Khan, “Computer Networks” A Learner’s Guide Published by: Notion Press, (March 2019), ISBN: 9781684668274.
- **Dr.P.Dileep Kumar Reddy**, Dr.V.Nagagopiraju, Dr M Venkateswara Rao, Dr.K.Parish Venkata Kumar, Dr.G.Sai Chaitanya Kumar “PROGRAMMING IN R” GCS PUBLISHERS ((SEPTEMBER, 2022)) India, : 978-93-94304-76-5, 216 pages,.

Book Chapters:

- Dr. G.Ramesh, **Dr. P. Dileep Kumar Reddy**, Dr. J. Somaseker and Ms. S. Anusha “Recommendation System for Risk Assessment in Requirements Engineering of Software with Tropos Goal-Risk Model”, A volume in the " Recommender systems Algorithms and Applications" Taylor & Francis/CRC book ISBN 9780367631857, June 1, 2021.
- Dr.K.Parishvenkata Kumar, Mr.D.Prasad · Dr.Muralidhar Vejendla · Dr.N.Raghavendra Sai · Dr K Gurnadha Guptha · **Dr. P. Dileep Kumar Reddy** “Emerging Technologies Transforming The Future” GCS PUBLISHERS June 2023, ISBN: 978-93-94304-96-3.

International Conference Organized:

- Dr. P. Dileep Kumar Reddy, Organized a One Day International Conference on Cyber Security - Current Perspectives (ICCSCP-2024), Computer Society of India. The event was held on 29th June 2024 at Potti Sreeramulu Telugu University, Lalitha Kala Kshetram, Public Gardens, and Hyderabad as **Coordinator, CSI Communication**.

National Conference Organized:

- Dr. P. Dileep Kumar Reddy, Organized a One Day National Conference on Emerging Trends in Computer Science & Engineering [**NCETCSE 2024**] by School of Computer Science, Narsimha Reddy Engineering College (Autonomous) Hyderabad from 16th April 2024, as **Editorial Panel member. ISBN: 978-81 -972499-0-7.**
- Dr. P. Dileep Kumar Reddy, Organized a Two Day National Conference on Recent Trends in Engineering and Technology, Management [**NCRTEMS-2024**] by Narsimha Reddy Engineering College (Autonomous) Hyderabad from 11th and 12th November 2024, as **Editorial Panel member. ISBN: 978-81 -972499-4-5.**
- Dr. P. Dileep Kumar Reddy, Organized a One Day National Level Project Expo, **IGNITE 2K25** by Narsimha Reddy Engineering College (Autonomous) Hyderabad from scheduled on 21st February 2025, as **Editorial Panel member. ISBN: 978-81-972499-5-2.**

Patent:

- “A Method And A System For Enabling Secured Access To Data” IP India Patent: **ISSUE NO. 33/2018** The Patent Office Journal No. 33/2018 Dated 17/08/2018, pp. 31007, August 17, 2018, Application No 201841029964 A – **Under Examination**
- “System and Method for Generating Electric Power to An Electric Vehicle” IP India Patent: **ISSUE NO. 35/2018** The Patent Office Journal No. 35/2018 Dated 31/08/2018, pp. 32696, August 31, Application No :2018 201841031239 A– **Under Examination**
- “Device to Regulate Flow of Fluid And Method Employed Thereof” IP India Patent: **ISSUE NO. 35/2018** The Patent Office Journal No. 35/2018 Dated 31/08/2018, pp. 32698, August 31, Application No :201841031241 A – **Under Examination**
- Sonification for database administrators (SONIDBA), IP India Patent: **ISSUE NO. 27/2020** The Patent Office Journal No. 27/2020 Dated 03/07/2020 pp. 24957, Application No : 202041026317 A – **Under Examination**

- An Artificial Intelligence Based System for Clinical Investigation of Glaucoma in Color, Application Number: 2020104399, **Australian Government**, Date of Filing: **30-12-2020**, has **Granted** the patent on **7 April 2021**.
- "A Block chain Based Approach to Secure the Human Ethical Data from Diagnostic Centers", **ISSUE NO: 08/2022**, The Patent Office Journal No. 08/2022 Dated, 25/02/2022, **PP. 10921** Application No.202241007014 A– **Under Examination**.
- “Deep Learning Based Drug Discovery Technique To Analyse The Impact Of Existing Drugs For Leukemia And Paving Way For New Efficacious Drugs” **ISSUE NO. 37/2022**, The Patent Office Journal No. 37/2022 Dated 16/09/2022 PP-58305, Application No.202241050707 A– **Under Examination**.
- “Implementation of Artificial Intelligence based techniques for analysis of the role of travel tourism and hospitality in economical growth of an organization” **ISSUE NO. 18/2023**, The Patent Office Journal No. 18/2023 Dated 05/05/2023 PP-34309, Application No. 202341026790 A – **Under Examination**.
- Incorporating Ai: The Role Of Chatgpt In Nursing And Health Education” **ISSUE NO 08/2024** The Patent Office Journal No. 08/2024 Dated 23/02/2024, PP.18983 Application No.202411011238A. **Under Examination**
- “Smart Device For Logistics And Fleet Management” Certificate of Registration for a **UK Design**, Design number: 6351808, Grant date: 18 March 2024,Registration date: 07 March 2024 **Granted**.
- “Mobile 3 Phase Stirrer Machine For Pharma Industry” ” Certificate of Registration for a **UK Design**, Design number: 6396119, Grant date: 14 October 2024, Registration date: 08 October 2024 **Granted**.
- “AI Based Road Accident Prediction Device” Design No. : 433393-001, Date: 10/10/2024, The Patent Office, Government of India, **Certificate of Registration design**.
- Emotion Aware Ai: Enhancing Workplace Productivity Through Real-Time Emotional Support, The Patent Office Journal No. 24/2025 Dated 13/06/2025 Application No.202541049297 A-**Under Examination**

Memberships of Professional Bodies:

Memberships:

- Associate fellow of APAS in recognition of his contribution to Science & Technology on the 9th Day of November 2018.
- Life Member of Indian Society for Technical Education (ISTE) **Year 2013 – LM 91313**.
- Life Member of Computer Society of India (CSI) in the **Year 2013 – I1500640**.
- Life Member of Bose Science Society (**M461/BSS/2018**).
- Fellow of Bose Science Society (**F461/BSS/2018**).
- Associate Member of Institute Engineer in the **Year 2015. (AMIE) –AM1623845**.
- Graduate Student Member of **IEEE. (M-93101175)**
- Member of International Association of Engineers (**IAENG**) in the **Year 2013 – 133107**.
- Member of Computer Science Teachers Association (**CSTA**) – **4593396**.
- Member of universal Association of Computer and Electronics Engineers (**UACEE**) – **AM in the Year 2013 1004455**.
- Member of International Association of Computer Science and Information Technology (**IACSIT**) in the **Year 2013 -80347426**.

NITTT Modules:

- **Dr. P. Dileep Kumar Reddy**, NITTT Registration No. 20202109351 has successfully completed. Module 1: Orientation Towards Technical Education & Curriculum Aspects, Module 2: Professional Ethics & Sustainable Development, Module 3: Communication Skills, Modes and Knowledge Dissemination, Module 4: Instructional Planning and Delivery,

Module 5: Technology Enabled Learning and Life-Long Self Learning, Module 6: Student Assessment and Evaluation, Module 7: Creative Problem Solving, Innovation and Meaningful R & D, Module 8: Institutional Management and Administrative Procedures.

NPTEL Course Completed:

- 1) Attended Eight week faculty Development programme NPTEL AICTE sponsored programme on cloud computing and distributed systems and also successfully completed assessment during August – October 2018.
- 2) Attended Eight week faculty Development programme NPTEL AICTE sponsored programme on data science for engineers and also successfully completed assessment during January – March 2019.
- 3) Attended Twelve week faculty Development programme NPTEL AICTE sponsored programme on Software Project Management and also successfully completed assessment during July – October 2019.
- 4) Attended Twelve week faculty Development programme NPTEL AICTE sponsored programme on Cryptography and Network Security and also successfully completed assessment during Jan-Apr 2020.
- 5) Attended Eight week faculty Development programme NPTEL AICTE sponsored programme on Introduction To Machine Learning and also successfully completed assessment during July – Sep 2022.

Awards and Recognitions:

- Received Award ‘**Young Scientist in Computer Science and Engineering**’ (Discipline – Engineering) by **Venus International Research Awards-VIRA**, on 11th August, 2018 at Radha Regent, Chennai, India, during the 4th Annual Research Meet – ARM 2018.
- Received Award of scholarship under Scholarship Scheme from National Handicapped Finance and Development Corporation for the year 2012-2013 an amount of 75365/-.
- Received Award **Adarsh Vidya Saraswati Rashtriya pursaskar** for significant achievements and sustained excellence in the field of engineering on July 2nd 2018. Given by **Global Management Council, Ahmedabad**.
- Received Award “**Dr APJ Abdul Kalam**” **Best Young Scientist Award**” for Computer Science and Engineering by **Bose Science Society**, on 15th September 2018 at Pudukkottai, TamilNadu, India
- Received Award **Dr. A.P.J.Kalam rastrriya puraskar** for significant achievements and sustained excellence in the field of engineering on September 5th 2019. Given by **Global Management Council, Ahmedabad**.
- Received Award by **National Fellowship Award on ‘Good Academician’** Given by **Kalam Trust**, on 15th October 2020 at Kalyan Residency, Tirupati.
- Received Award **Yuvasakthi Puraskarr** for ‘**Tireless Efforts valuable role in social services towards society**’ on 26th January 2021, Given by **Yuvatejam Trust**, Tirupati, Andhra Pradesh.
- Received Award **ITAP - 2022 under the Category of “Innovative Computer Vision Teacher of the Year Award”** Sponsored by RR KITS ITAP Award 2022 on 02/10/2022 Given by Raja Ratna KITS Engineering College Ramachandra puram.
- Received Award ‘**Institution of Engineers (India) Young Engineers Award 2022-23**’ in Computer Engineering discipline, Sponsored by **Institution of Engineers (India)** during the inaugural session of the 35th National Convention of Computer Engineers to be held at Bareilly, February 24-25, 2023.
- Received Award “**Young Researcher Award**” for contribution in the field of engineering for technical papers, citations and patents **Computer Society of India, Hyderabad Chapter - Excellence Awards 2023** to be held at T-Hub, Hyderabad at 4 PM on 6th May 2023 (Saturday).

- Received Award “**Best Researcher Award**” for contribution in the field of engineering for technical papers, citations and patents **Computer Society of India, Hyderabad Chapter - Excellence Awards 2024** to be held at Potti Sreeramulu Telugu University, Public Gardens, Hyderabad at 4 PM on 29th June 2024 (Saturday).

General Education Curriculum Development:

- Developed syllabi, lab manuals for the course in M. Tech. In Computer Science, JNTUACEA (Autonomous).
- Developed syllabi, lab manuals for the course in B. Tech. In CSE, JNTUACEA (Autonomous).
- Supporting and Developed syllabi JNTUA R13, R15 Regulations.
- As a BoS Members, Developed syllabi, lab manuals for the course in B.Tech CSE, M. Tech. In Computer Science and Engineering, SVCE (Autonomous), Tirupati.
- As a BoS Chairman, Developed syllabi, lab manuals for the course in B.Tech CSE-Cyber Security - NRCM, Hyderabad.

Areas of Interest:

- Cloud Computing, Network Security and Software Engineering.

Administration works taken up in the CSE Dept.:

- **Dean- R&D Cell, Hyderabad, 30-06-2024 to till date**

Job Description

- Encourage faculty, researchers, and students to engage in research activities.
- Guide and assist in writing research proposals for funding agencies (e.g., DST, UGC, AICTE).
- Facilitate MOUs with national/international institutions or companies.
- Encourage patent filing and protection of innovative ideas.
- Maintain a record of ongoing and completed research projects.
- Track progress, outcomes, and publications of each project.
- Promote student research projects and participation in competitions.
- Facilitate internships and project work in collaboration with industries
- Promote startup culture and innovation among students and faculty.

- **Head of the Department-CSE (Cyber Security)-NRCM, Hyderabad, 20-06-2022 to 24-05-2025.**

Job Description

- Responsible for all the academic affairs of the Department.
- Looks after day to day activities relating to teaching and other workloads of his/her teaching and non-teaching staff.
- Reports to the Principal regarding all the requirements of his/her department such as Faculty Member, supporting staff, equipments, books & journals, maintenance etc.
- Represents his/her department and will report to the Principal all the requirements/short comings for the development and proper functioning of the Department, during weekly/fortnightly meetings.
- Looks after the matter related to R & D, Consultancy and Research Publications.
- Arranges for Guest Lecture/Extension Lectures, Seminars, Workshops, and Conferences etc.
- Responsible for mobilizing his/her Faculty Member for different research grants.

- Responsible for innovative programmes including collaboration with other institutions, Universities and different industries.
- Responsible for students proctor's system mainly focusing on placements, higher studies and government jobs.

➤ **Intellectual property Rights (IPR) –Dean-NRCM, Hyderabad, 20-06-2022 to till Date.**

Job Description

- To create an awareness about IPR for faculties and students of the Institution.
- To impart training on future endeavours regarding patent filing processes.
- To conduct workshops, seminars and training course on IPR.
- To promote better understanding of IPR and to identify more IPs.
- Organize sessions on Intellectual Property Rights (IPR), patent filing, and technology transfer.
- Facilitate access to incubation, funding, and mentorship support for viable ideas.

➤ **Institution Innovation Council –NRCM, Hyderabad, 20-06-2022 to till Date.**

Job Description

- Lead the formation and functioning of the IIC in the institution.
- Coordinate with faculty members, students, and external stakeholders to promote innovation culture.
- Develop annual and semester-wise activity plans in alignment with the MIC's IIC calendar.
- Regularly submit performance reports, participation data, and event feedback on the **IIC portal**.
- Prepare for IIC evaluation and institutional innovation rankings.

➤ **Computer Society of India (CSI) Hyderabad Chapter Managing Committee: 2023-2024 & 2024-2025**

- Strategic Planning: Set goals, make key decisions, and mobilize resources.
- Student Development: Promote academic and professional growth through activities.
- Industry Interaction: Connect students with industry professionals.
- Activity Review: Regularly update activities based on tech trends and feedback.

➤ **Accreditations:**

- NBA Visit two times as faced as faculty Member in the year 2013 and 2017 @ JNTUA Anantapur, CSE Department is accredited.
- NBA Visit one time as Coordinator in the year 2019 @ SVCE, Tirupati, CSE Department is accredited.

➤ **Coordinator of Research & Development: SVCE, Tirupati 01-10-2019 to 19-06-2022.**

Job Description:

- Research and development Coordinator are analysing the development and progress of new programs and products, assessing staff performance, coordinating the team's work, managing budgets and preparing proposals developing and implementing learning strategies and programs.
- Coordinating and Consolidated data of regarding R & D related data.

➤ **Student Technical Activities : SVCE, Tirupati 01-10-2019 to 19-06-2022**

Job Description:

- Helps in inculcating teamwork among students and improves their technical skills.

- Encourages the students to pursue their innovative, creativity and communication skills.
 - Advises on maintaining a healthy relationship with the alumni and learning latest trends/ emerging technologies in the IT industry.
 - Conduct two or three days' workshops exclusively on **Technical Activities** for all years.
- **Assistant warden for Boys Hostel:** SVCE, Tirupati 04-09-2018 to 19-06-2022
- Job Description:**
- Help the fresher's in understanding the culture and environment of the college.
 - Protection against ragging and other uncivilised activities.
 - Maintain a healthy relationship between the students and staff.
- **Virtual Lab coordinator:** SVCE, Tirupati 17-09-2019 to 19-06-2022
- Job Description:**
- To conduct training sessions for students and faculty members of the college
 - To work towards making Virtual labs popular among students
 - To collect feedback for experiments of different labs
 - To organise outreach programme for students and faculty members of neighbouring colleges
- **Project Coordinator:** SVCE, Tirupati, 05-07-2018 to 19-06-2022
- Job Description:**
- Formation of the project batches.
 - Allocations of the Guides to the respective batches
 - Call for Project reviews as per the prescribed schedule.
 - Internal and External Evaluation of projects.
- **NIRF Coordinator:** SVCE, Tirupati, 05-07-2018 to 19-06-2022
- Job Description:**
- Consolidation of the department data for NIRF portal.
- **IEEE Advisory –Member:** SVCE, Tirupati, 02-03-2020 to 19-06-2022
- Job Description:**
- Enhanced the membership count form IEEE SVCE Student Chapter.
 - Organized the various events and IEEE SVCE/CS student Chapter and IEEE Hyderabad section as well.
- **NAAC Coordinator:** SVCE, Tirupati, 05-07-2018 to till Date
- Consolidation of the department data for NAAC portal.
- **Library In charge CSE Department,** JNTUACEA Anantapuramu, and December 2012 to June 2018..

Job Description:

- Purchased various books as per the requirements of various courses available in the department.
 - Authorise the lending and retrieval of those books
 - Maintain all the research papers, newsletters and journals written by eminent scholars.
- **CCC Lab In charge:** JNTUACEA Anantapuramu, July 2014 to June 2018.
- Job Description:**
- Maintaining the activities of the first year students in the Central Computing Centre of the college.
 - Providing systems with internet facility to the students beyond college working hours.
 - Actively participated during the Placements work.
- **PG Lab In charge:** JNTUACEA Anantapuramu, December 2012 to July 2014.
- Job Description:**
- Maintaining the lab for post graduate students by setting up their required software.
- **Lepakshi Hostel Students Care taker:** JNTUACEA Anantapuramu, November 2012 to June 2018.
- Job Description:**
- Help the fresher's in understanding the culture and environment of the college.
 - Protection against ragging and other uncivilised activities.
 - Maintain a healthy relationship between the students and staff.
- **Icon Coordinator:** JNTUACEA Anantapuramu, September 2016 to June 2018.
- Job Description:**
- Helps in inculcating teamwork among students and improves their technical skills.
 - Encourages the students to pursue their innovative, creativity and communication skills.
 - Advises on maintaining a healthy relationship with the alumni and learning latest trends/emerging technologies in the IT industry.
 - Conduct two or three days' orientation sessions exclusively on communication skills for first year students to know the importance of communication skills.
 - Formed different clubs/groups/ schools (i.e, Lee-club, Technical Club, Sports, literal, arts, Cultural. Etc..) and encourage them to participate to improve their interpersonal skills and to bring out innate talents

Publications:

International Journals:

- 1) **Dileep Kumar Reddy P**, K.chaithanya Sagar, "Access Control In Cloud Computing Using HASBE", International Journal of Recent Advances in Engineering & Technology (IJRAET), Volume-1, Issue -3, 2013, Page No:170 – 174,ISSN (Online): 2347-2812.

Publisher Name: Ird India

Impact Factor:1.53

Indexing: UGC APPROVED Journal Number : 48915

Web Link: http://irdindia.in/journal_ijraet/pdf/vol1_iss3/29.pdf

- 2) **P. Dileep Kumar Reddy**, R. Praveen Sam , C. Shoba Bindu, "A Survey On Ensuring Data Confidentiality In Cloud Computing", I-manager's Journal on Cloud Computing(JCC), Vol. 1.

Publisher Name: i-manager Publications

Impact Factor: 0.3333

Indexing: AICTE

Web link: <https://imanagerpublications.com/article/3052/23>

- 3) P. Lakshmi Devi, C. Nagesh, **P. Dileep Kumar Reddy**, “Improving the privacy of health data stored in cloud through resisting the leakage from mobile access”, International Journal of Research studies in Computer Science and Engineering (IJRSCSE), Volume. 2, Issue 7, July 2015, PP 11-17, *ISSN 2349-4840 (Print) & ISSN 2349-4859*.

Publisher Name : ARC

Impact Factor: 2.108, DOI: 10.20431

Indexing: (UGC Approved)

Web link: <https://www.arcjournals.org/pdfs/ijrscse/v2-i7/3.pdf>

- 4) **P. Dileep Kumar Reddy**, K. Sireesha, “A Study On Access Point Selection Schemes In Wireless LAN”, I-manager’s Journal on Wireless Communication Networks (IJWC), ,Vol. 4 1 No. 2 1 July – September 2015, PP 8-12. <https://doi.org/10.26634/jwcn.4.2.3584>, ISSN Print: 2319-4839, ISSN Online: 2320-2351

Publisher Name: i-manager Publications

Impact Factor: 0.0

Indexing: AICTE

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- 5) Prabhakar Kandukuri , **P. Dileep Kumar Reddy**, Dr. R. Praveen Sam, “Rate Based Pacing with Various TCP Variants”, International Journal of Trend in Research and Development, Volume 3(3), ISSN: 2394-9333, May-Jun 2016, Page No 356-359.

Publisher Name : IJTRD

Impact Factor: 3.025

Indexing: AICTE

Web link: <http://www.ijtrd.com/papers/IJTRD3841.pdf>

- 6) S. Madhusudhan , P. Jatadhar, **P. Dileep Kumar Reddy**, “Performance Evaluation of Network-Assisted Device Discovery for LTE-Based Device to Device Communication System”, Journal of Network Communications and Emerging Technologies, Volume 6, Issue 8, August (2016) Page No : 356-359, ISSN: 2395-5317.

Publisher Name:

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Indexing: (UGC Approved). Journal No: 47552

Web Link: <https://www.jncet.org/Manuscripts/Volume-6/Issue-8/Vol-6-issue-8-M-04.pdf>

- 7) **P. Dileep Kumar Reddy**, R. Praveen Sam, “Effective Key Management (EKM) for Class Based Cloud Data”, i-manager’s Journal on Cloud Computing , Vol. 3 · No. 4, Page No 27-34, August – October 2016. <https://doi.org/10.26634/jcc.3.4.13595>, ISSN Print: 2349-6835 ISSN Online: 2350-1308,

Publisher Name: i-manager Publications

Impact Factor: 0.0

Indexing: AICTE

Web link: <https://imanagerpublications.com/article/13595/23>

- 8) **P. Dileep Kumar Reddy**, R. Praveen Sam, C. Shoba Bindu “Optimal Blowfish Algorithm based Technique for Data Security in Cloud” Int. J. Business Intelligence and Data Mining, **Vol. 11, No. 2, 2016**.Pp.171–189.**DOI: 10.1504/IJBIDM.2016.10001484, ISSN online 1743-8195, ISSN print 1743-8187,**

Publisher Name: Inderscience

Impact Factor: 1.2

Indexing: (Inder Science)(UGC Approved) Scopus. Journal No: 16481

Web Link: <https://www.inderscience.com/info/inarticle.php?artid=81605>

- 9) **P. Dileep Kumar Reddy**, C. Shoba Bindu, R. Praveen Sam, “Tri-Partite graph: a novel security scheme for cloud data”, International journal on Computer Modeling & New Technologies, April, 2017 Volume No **21(2)** 41-47, , pg. No: 41-47, **ISSN1407-5806, ISSN 1407-5814**

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Publisher Name: Little Lion Scientific

Impact Factor: 0.68

Indexing: (Scopus& UGC), Journal No: 23566.

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Publisher Name: Auricle Technologies Pvt.

Indexing: (UGC Approved) Journal No: 64076

Impact Factor: 2.293, DOI. 10.17762.

Web Link: <https://www.ijfrcsce.org/index.php/ijfrcsce/article/view/189>

- 14) T. Shirisha, C. Shoba Bindu, **P Dileep Kumar Reddy**, “Privacy Preserving Location Based Spatial Range Query over SS-Tree Index Structure” International Journal of Scientific Research in Computer Science, Engineering and Information Technology”, 2017, Volume 2 | Issue 4 | ISSN : 2456-3307, Pg.No 667-671, DOI : <https://doi.org/10.32628/IJSRCSEIT>

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Publisher Name: Gandhinagar: Technoscience academy

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Impact Factor: 4.032

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Publisher Name: IJR Publisher

Impact Factor: 5.60 ,

Indexing: (UGC Approved) Journal No: 44396

Web Link: <https://journals.pen2print.org/index.php/ijr/article/view/8898>

- 21) T Nagaraju Naik, **P Dileep Kumar Reddy**, “A Novel based Approach for Detecting Node Failures in Mobile Wireless Networks” International Journal of Scientific Research in Science, Engineering and Technology, 2017, Volume 3 | Issue 6 | Print ISSN: 2395-1990 | Online ISSN : 2394-4099, Pg No 65 to 69.

Publisher Name: Technoscience Academy

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- 22) **Mr. P. Dileep Kumar Reddy**, “Probabilistic Model to Analyze Performance of Various Services in Cloud Computing Technology”, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 6, Issue 9, September 2017, Pg No 17938- 17942 ISSN(Online): 2319-8753, ISSN (Print): 2347-6710, , DoI: [10.15680/IJIRSET.2017.0609015](https://doi.org/10.15680/IJIRSET.2017.0609015)

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- 23) **Mr. P. Dileep Kumar Reddy**, K. Krishnaveni., “Bandwidth Optimized Continuous Querying In Public Cloud Storage”, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 5 Issue IX, September 2017, **Pg No 673-676**. ISSN: 2321-9653

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- 24) **Mr. P. Dileep Kumar Reddy**, “Handover Key Management for Re-Authentication in Cloud Technology for Accessing Data Classes”, International Journal for Research in Applied Science & Engineering Technology (IJRASET) *IC Value: 45.98*Volume 5 Issue IX, September 2017, , Pg no 1951 to 1953, Doi. 10.22214/IJRASET. ISSN: 2321-9653;

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Publisher Name: JETIR, Ahmedabad, India

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Publisher Name: IJCSMA Team Pulsus Healthtech LTD

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- 27) K.Sekar, M.Padmavathamma, **P Dileep Kumar Reddy**, “A Survey on IT Applications in Healthcare Systems” Journal of Network Communications and Emerging Technologies, Volume 7, Issue 11, November 2017Page No : 74-77, ISSN: 2395-5317,

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- 28) **Mr. P. Dileep Kumar Reddy**, B. Muni Lavanya, “Efficient Data Processing for Balancing Performance and Power Consumption with Big Data” Journal of Emerging Technologies and

Innovative Research (JETIR), 2018 JETIR April 2018, Volume 5, Issue 4, Pg no 269-272, ISSN-2349-5162,

Publisher Name: JETIR, Ahmedabad, India

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Indexing: (UGC Approved)Journal No: 63975.

Web Link: <https://www.jetir.org/view?paper=JETIR1804052>

- 29) S. Anusha ,**Mr. P. Dileep Kumar Reddy**, “Energy Consumption in Wireless Sensor Networks using Improved K-Means”, International Journal of Computer Sciences and Engineering (ISSN: 2347-2693), Vol.6, Issue.5, May 2018, , pp 419 to 423
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- 41) Nagalapuram Monica, **Dr. P. Dileep Kumar Reddy**, Dr. K. Sekar “Dynamic strategy for Organizing & distributing Load Balancing in MANET” Journal of Emerging Technologies and Innovative Research **2020 JETIR** January 2020, Volume 7, Issue 1, **pp.1024-1030**.
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Indexing: (UGC Approved) Journal No: 63975
Web Link: <https://www.jetir.org/view?paper=JETIR2012153>
- 44) G. Ramesh, Karanam Madhavi, **Dr. P. Dileep Kumar Reddy**, J. Somasekar, Joseph Tan “Improving the accuracy of heart attack risk prediction based on information gain feature selection technique”, Materials Today: Proceedings, 31 January 2021, MATPR 20781, **Elsevier** <https://doi.org/10.1016/j.matpr.2020.12.079> (**Scopus**). 2214-7853.
Publisher Name: Elsevier.
Impact Factor: 10.61

Indexing: Scopus

Web Link:

<https://www.sciencedirect.com/science/article/pii/S2214785320397649?via%3Dihub>

- 45) G. N. Vivekananda, B. Muni Lavanya, **P. Dileep Kumar Reddy** “DLM technique for QoS improvement in MANETS” Wireless Networks, 27, 2867–2877 (2021). <https://doi.org/10.1007/s11276-021-02622-1>, Springer SCI- E. Published online 24/04/2021. 1022-0038 / 1572-8196.

Publisher Name: Springer Netherlands

Indexing: Springer SCI- E

Web link Paper: <https://link.springer.com/article/10.1007/s11276-021-02622-1>

Impact Factor: 3.0 (2022)

- 46) J. Somasekara , G. Ramesh , Gandikota Ramuc , **P. Dileep Kumar Reddy** , Karanam Madhavi b & J. Praveene “The Beneficial Image Preprocessing by Contrast Enhancement Technique for SEM Images” Indian Journal of Engineering & Materials Sciences Vol. 29, December 2022,- ISSN: 0971-4588 (print) 0975-1017 (Online) – **SCI. DOI: 10.56042/ijems.v29i6.70292**

Publisher Name: National Institute of Science Communication and Information Resources (NISCAIR).

Impact Factor:0.615

Indexing: SCI & WoS

Web Link: <http://op.niscair.res.in/index.php/IJEMS/article/view/70292/465482695>

- 47) E.Poornima, S.Srinivasulu , **P. Dileep Kumar Reddy**, G. Ramesh , “A Generic Framework For Sharing Data Using Attribute Based Cryptography In Hybrid Cloud” International Journal of Intelligent Systems and Applications in Engineering (IJISAE) IJISAE, 2022,20/12/2022, 10(4), 634–640 (**Scopus**) ISSN:2147-6799,

Publisher Name: Ismail Saritas Turkey.

Impact Factor: 0.123

Indexing: Scopus

Web Link: <https://ijisae.org/index.php/IJISAE/article/view/2334>

- 48) **P. Dileep Kumar Reddy**, Martin Margala, S. Siva Shankar, Prasun Chakrabarti, “Early fire danger monitoring system in smart cities using optimization-based deep learning techniques with artificial intelligence” Journal of Reliable Intelligent Environments, <https://doi.org/10.1007/s40860-024-00218-y>, ISSN-2199-4676, Print ISSN: 2199-4668, 29th March 2024.

Publisher Name: Springer Nature Switzerland AG

Impact Factor: 3.125

Indexing: Scopus

Web Link: <https://link.springer.com/article/10.1007/s40860-024-00218-y>

- 49) Venkataramaiah Gude, Dr Sujeeth T,Dr. K Sree Divya, **P. Dileep Kumar Reddy**,G. Ramesh, “Machine Learning for Characterization and Analysis of Microstructure and Spectral Data of Materials” ” International Journal of Intelligent Systems and Applications in Engineering (IJISAE) 2024,2/2/2024 12(21s), 820–826 (**Scopus**) ISSN:2147-6799

Publisher Name: Ismail Saritas Turkey.

Impact Factor: 0.123

Indexing: Scopus

Web Link: <https://ijisae.org/index.php/IJISAE/article/view/5478>

50) N. Kavitha, N. Sivaram Prasad, Sujeeth T, Palem Naresh, R. Swathi, A.V.L.N Sujith, **P.Dileep Kumar Reddy**, "A Perspective Study On Scalable Computation Model For Skin Cancer Detection: Advancements And Challenges" Scalable Computing: Practice and Experience, Scalable Computing: Practice and Experience, ISSN 1895-1767, 2025 SCPE. Volume 26, Issues 1, pp. 48–63, DOI 10.12694/scpe.v26i1.3501.

Publisher Name: Universitatea de Vest din Timișoara

Impact Factor: 0.12

Indexing: Scopus

Web Link: <https://scpe.org/index.php/scpe/article/view/3501>

51) Dr. P. Dileep Kumar Reddy also authored another article titled "A Novel Approach to Sentiment Analysis using GMM-Enhanced N-gram LSTM Networks," published in the *Engineering, Technology & Applied Science Research* journal (ISSN: 1792-8036, 2241-4487). Volume 15, Issue 3 of the year 2025, on pages 23068–23073. This Scopus-indexed paper has an impact factor of 0.332 and is available online via DOI: <https://doi.org/10.48084/etasr.10640>.

Publisher Name: PUBETA SINGLE MEMBER P.C

Impact Factor: 0.332

Indexing: Scopus

Web Link: <https://etasr.com/index.php/ETASR/article/view/10640>

National Journals: Nil

Conferences:

International:

- 1) **P. Dileep Kumar Reddy** & A. Ananda Rao, "An Empirical Analysis of Single Model Test Prioritization Strategies for Event Driven Software" International Conference on Computer Science and Information Technology (ICCS&IT), Tirupati, 10th June, 2012 Page No: 185-188 ISBN : 978-93-81693-86-5.
- 2) C. Shoba Bindu, A. Yugandhar Reddy and **P. Dileep Kumar Reddy**, "Intelligent SRTF: A New Approach to Reduce the Number of Context Switches in SRTF", First International Conference on Computational Intelligence and Informatics (ICCII 2016), JNTUHCEH, Department of Computer Science & Engineering, Hyderabad., May 28th to 30th 2016 Springer AISC. (Springer) DOI 10.1007/978-981-10-2471-9_37. ISSN 2194-5357 ISSN 2194-5365 (electronic) Advances in Intelligent Systems and Computing ISBN 978-981-10-2470-2 ISBN 978-981-10-2471-9 (eBook) DOI 10.1007/978-981-10-2471-9 **Scopus Proceedings**.
- 3) A Somakala, **P. Dileep Kumar Reddy**, Outlier Detection using Semi Supervised Data with Reverse Nearest Neighbours, International conference on advanced computing and communications (ICAC&C 2016), Shri Vishnu Engineering College for Women, Bhimavaram, Conference, Andhra Pradesh, October 20-22 2016. ISSN: 2278-0181.
- 4) Guru keerthana Gaddam, **P. Dileep Kumar Reddy**, "Concept Based Sentence Modelling For Extractive Speech Summarization" International Conference On Chip, Circuitry, Current, Coding, Combustion & Composites (I7c-2016), Sri Sairam college of Engineering, Anekal, Bengaluru, 10th– 11th November '2016. ISBN 9788192958026.
- 5) **P. Dileep Kumar Reddy**, C. Shoba Bindu, R. Praveen Sam "A Tripartite Partite Key generation and management for Security of Cloud Data Classes", 2nd International Conference on Computational Intelligence and Informatics (ICCII 2017), JNTUHCEH, Department of

Computer Science & Engineering, Hyderabad., September 25th to 27th2017. Advances in Intelligent Systems and Computing, 2018, 712, https://doi.org/10.1007/978-981-10-8228-3_53, pp. 579–587, ISSN 2194-5357 ISSN 2194-5365 (electronic) Advances in Intelligent Systems and Computing, ISBN 978-981-10-8227-6 ISBN 978-981-10-8228-3 (eBook) <https://doi.org/10.1007/978-981-10-8228-3>**Springer AISC. Scopus Proceedings**

- 6) **P. Dileep Kumar Reddy**, P. Dhana Lakshmi “Web User clustering Techniques for recommendations systems” at the International Conference on Cognitive science and artificial intelligence (ICCCSAI-18) during 28th-29th December 2018 held at Andhra University, Visakhapatnam, AP, India, Lecture notes in Electrical Engineering, 10.1007/978-981-15-1420-3_192., ICDSMLA 2019 (pp.1885-1895) **Scopus Proceedings**
- 7) B. Hima Vani, C. Shoba Bindu, **Dr. P. Dileep Kumar Reddy**, “A Novel Method for Intrusion Detection Systems using Support Vector Machine” 8th International conference on multi disciplinary research, Osmania University centre for international program, Osmania University campus, Hyderabad (India), 6th -7th September 2019, Page No : 44-55. ISBN: 978-81-941721-5-4.
- 8) K. Sruthi, C. Shoba Bindu, **Dr. P. Dileep Kumar Reddy**, “Two Cloud Secure Database For Privacy preserving Using Elliptic Crypto” 8th International conference on multi disciplinary research, Osmania University centre for international program, Osmania University campus, Hyderabad (India), 6th -7th September 2019, Page No : 121-126. ISBN: 978-81-941721-5-4.
- 9) Sujatha V, Shoba Bindu C, Vijay Kumar G and **Dileep Kumar Reddy P** “An Adaptive Channel Assignment Strategy for Multi-Radio Multi-Channel Wireless Mesh Networks with Mobile Nodes Based on Internet Traffic” International Conference on computational and Bio engineering CBE 2020 during 4-5 December 2020 at Sri Padmavati Mahila Visvavidyalayam, Tirupati, Electronic ISSN,2367-3389,Print ISSN,2367-3370, Lecturer Notes in Networks and Systems, Springer. **Scopus Proceedings**
- 10) Nagendra Prasad Yeddula, Shoba Bindu C, Sudheer Kumar E and **P Dileep Kumar Reddy** “An Automatic Identification of Diabetic Macular Edema using Transfer Learning” International Conference on computational and Bio engineering CBE 2020 during 4-5 December 2020 at Sri Padmavati Mahila Visvavidyalayam, Tirupati Electronic ISSN,2367-3389,Print ISSN,2367-3370, Electronic ISSN,2367-3389,Print ISSN,2367-3370, Lecturer Notes in Networks and Systems, Springer. **Scopus Proceedings**
- 11) Dr. P. Dileep Kumar Reddy, “A systematic survey on COVID 19 facial Mask detection” in the AICTE Sponsored International conference on Emerging Techniques in Electronics, Communications and computational Intelligence (ICETECCI-2022), organized by Department of ECE, S V College of Engineering (Autonomous) during 12-14 may 2022 at Tirupati, Andhra Pradesh, Tirupati.
- 12) Dr. P. Dileep Kumar Reddy, “Heritage Identification of Monuments Using Deep Learning Techniques” in the AICTE Sponsored International conference on Emerging Techniques in Electronics, Communications and computational Intelligence (ICETECCI-2022), organized by Department of ECE, S V College of Engineering (Autonomous) during 12-14 may 2022 at Tirupati, Andhra Pradesh, Tirupati.
- 13) Dr. P. Dileep Kumar Reddy, “Machine Learning for products and movie recommender systems” in the AICTE Sponsored International conference on Emerging Techniques in Electronics, Communications and computational Intelligence (ICETECCI-2022), organized by Department of ECE, S V College of Engineering (Autonomous) during 12-14 may 2022 at Tirupati, Andhra Pradesh, Tirupati.
- 14) Dr.P. Dileep Kumar Reddy “Medical Data Classification using a Gravitational Search Algorithm and Artificial Intelligence” Proceedings of the 5th International Conference on Smart Systems and Inventive Technology (ICSSIT 2023) IEEE Xplore Part Number: CFP23P17-ART; ISBN: 978-1-6654-7467-2, DOI Number | DOI:

10.1109/ICSSIT55814.2023.10060866, during on 23-25, January 2023 at Francis Xavier Engineering College, Tirunelveli , India. **Scopus Proceedings**

- 15) Dr.P. Dileep Kumar Reddy “Human Pose Estimation Using Blazepose” is accepted for " 3rd International Conference on Research in Sciences, Engineering & Technology ICRSET 2022, Sumathi Reddy Institute of Technology for Women, Warangal, 2971, 040049-1–040049-6; <https://doi.org/10.1063/5.0196455>, Published by AIP Publishing. 978-0-7354-4866-7/\$30.00 **Scopus Proceedings**
- 16) Dr.P. Dileep Kumar Reddy “Low light image object detection under poor Lighting Conditions using YOLOv6" "International Conference on Emerging Trends in Engineering and Technology (ICETET)- 2023” held on June 9-10, 2023, at Narsimha Reddy Engineering College, Hyderabad,India.
- 17) Dr.P. Dileep Kumar Reddy “Deep learning leveraged RPA based robotic control system ”International Conference on Emerging Trends in Engineering and Technology (ICETET)- 2023” held on June 9-10, 2023, at Narsimha Reddy Engineering College, Hyderabad, India.
- 18) Mrs. Mrs. N.Gayathri, Shaik Mubeen Taj, Dr. P. Dileep Kumar Reddy, “Machine learning for early disease detection in medical imaging” International Conference on Cyber Security - Current Perspectives (ICCSCP-2024), Computer Society of India. The event was held on 29th June 2024 at Potti Sreeramulu Telugu University, Lalitha Kala Kshetram, Public Gardens, Hyderabad **also Received Best Paper Award**
- 19) Shaik Munni, Dr. P. Dileep Kumar Reddy, Machine learning – based stock market prediction, International Conference on Cyber Security - Current Perspectives (ICCSCP-2024), Computer Society of India. The event was held on 29th June 2024 at Potti Sreeramulu Telugu University, Lalitha Kala Kshetram, Public Gardens, and Hyderabad.
- 20) Dr. B. Muni Lavanya and Dr. P. Dileep Kumar Reddy EmoTuner: Enhanced Facial Emotion Analysis In Music Recommendation System, International Conference on Cyber Security - Current Perspectives (ICCSCP-2024), Computer Society of India. The event was held on 29th June 2024 at Potti Sreeramulu Telugu University, Lalitha Kala Kshetram, Public Gardens, and Hyderabad.
- 21)

National:

- 1) **P.Dileep Kumar Reddy**& A. Ananda Rao,“HTCPM: A Hybrid Test Case Prioritization Model For Web and GUI Applications”, National conference on “Advances in computer Science, Communication and Information Technologies” [ACSCIT-2012], JNU, New Delhi, 28th July 2012.
- 2) **P. Dileep Kumar Reddy**, R. Praveen Sam,”Filtering Restrictive Messages From OSN User Walls”, National Conference on Recent Advancements in information Technology (NCRRAIT-2014),B.V Raju Institute of Technology, Narsapur, Medak (D),25th&26th Sep-2014,Page No:105-107,ISBN;978-93-82163-73-2
- 3) Aaluru Rajitha, **P.Dileep Kumar Reddy** and C. Shoba Bindu, “A Survey on Routing Metrics for Reliable Routing in Wireless Mesh Networks”, National Conference on Recent Innovations

in Computer Networks, JNTUA College of Engineering, Ananthapuramu, August 21- 22, 2015.ISBN: 978-93-83635-90-0.

- 4) S. Siresha, D. Sathish Reddy, R. Sai Kiran Kumar, M. Sai Kumar, **Dr. P. Dileep Kumar Reddy** “Enhanced skin condition prediction through machine learning” National conference on Emerging trends in Computer Science Engineering and Information Technology, 2nd August 2021, NCETCSEIT-2021, Gopalan College of engineering and management, Department of CSE and **also Received Best Paper Award.**

Coordinator:

- 1) Organized a Two day Workshop on “2-Day Workshop on Cloud & Block Chain Technology (CBC) in association with IEEE Hyderabad Chapter ” in SVCE, 28~29, September 2018, Sponsoring Agency by SVCE, Tirupati as **Coordinator**
- 2) Organized a One Day Webinar Organized by MHRD’s Innovation Cell “India First Leadership Talk Series” by Shri Anand Mahindra, Chairman, Mahindra Group on 8th January 2019 by SVCE, Tirupati as **Coordinator.**
- 3) Organized a One Day Webinar Organized by MHRD’s Innovation Cell in on IPR for Students and Faculty Members Intellectual Property Rights, Patents, Copyright and Trademark by Ms. Shwetassree Majumder, Principal, Fidus Law Chamber on 10th January, 2019, by SVCE, Tirupati as **Coordinator**
- 4) Organized a Two day National Level Technical Symposium “AMPLE-2K19” in SVCE, 15~16, February 2019, Sponsoring Agency by SVCE, Tirupati as **Coordinator**
- 5) Organized a One day Workshop on “IEEE Induction Day” in association with IEEE Hyderabad Chapter ” in SVCE, 23, February 2019, Sponsoring Agency by SVCE – IEEE student Branch, Tirupati as **Coordinator**
- 6) Organized a Two week faculty development Programme on “Big Data Analytics for Cyber Physical Systems: Research Challenges and Opportunities” during, 9th December 2019 to 22nd December 2019 organized by Dept. Of CSE, S V College of Engineering, Tirupati as **Coordinator.**
- 7) Organized a One week FDP “**Robotic Process Automation: Tools and Techniques**” in SV College of Engineering, Tirupati during 04-08 January 2021, **Sponsored by AICTE and ATAL** as **Coordinator.**
- 8) Organized a One week AICTE-ISTE Sponsored Six Days Induction/Refresher Programme “**Business Intelligence & Big Data Analytics**” in SV College of Engineering, Tirupati during 09-15 December 2021, **Sponsored by AICTE and ISTE** as **Coordinator.**
- 9) Organized a One Week Online Faculty Development Programme on "**Machine Learning in Big Data Analytics, Principles, Techniques and Challenges**" organized by Department of Computer Science and Engineering , Narsimha Reddy Engineering College, Hyderabad from 13th to 18th February, 2023, **Sponsored by Jakkula Educational Society** as **Convener.**
- 10) Organized a One Day Seminar Organized by NIPAM, organized by Department of Computer Science and Engineering in Association with Institution’s Innovation Council 5.0, for Students and Faculty Members Intellectual Property Rights, Patents, Copyright and Trademark by Dr. Dasari Ayodhya 24th February 2023, by NRCM, Hyderabad as **Coordinator.**
- 11) Organized a One Week Workshop on " Societal applications of Block Chain Technology and Cyber Physical Systems " organized by Department of Computer Science and Engineering , Narsimha Reddy Engineering College, Hyderabad, in association with DST- SERB 10-Jul-2023 to 15-Jul-2023, as **Coordinator.**
- 12) Organized a One Week Offline Workshop on Societal application of Artificial intelligence and Machine Learning in Mechanical and Civil Engineering organized by Department of Computer Science and Engineering , Narsimha Reddy Engineering College, Hyderabad, in association with CSIR-HRDG 18th –23rd December, 2023, as **Coordinator.**
- 13) Organized a One Week Online Faculty Development Programme on Emerging Tools & Techniques in Cloud Computing & Data Science (19th -24th February 2024) School of

Computer Science, Narsimha Reddy Engineering College (Autonomous) Hyderabad as **Convener**.

- 14) Organized a Three day seminar on "Health Care & Med-Tech: Applications of Health Care using Deep Learning in Telugu Language" Organized by Department of Computer Science and Engineering, Narsimha Reddy Engineering College, Hyderabad, in association with **AICTE-VAANI** July 23rd to 25th, 2024, as **Coordinator**.
- 15) Organized a one week faculty development programme on Quantum Computing: Artificial Intelligence & Machine Learning date of the FDP is 02-12-2024 to 07-12-2024, **Sponsored by AICTE-ATAL**, Organized by Department of Computer Science and Engineering, Narsimha Reddy Engineering College, Hyderabad, as **Coordinator**.
- 16) Organizing a one week online faculty development programme on Deep Learning for Social Impact: Atomic Object Detection in Real-World Applications date of the FDP is 03-02-2025 to 08-02-2025, **Sponsored by AICTE-ATAL**, Organized by Department of Computer Science and Engineering, Narsimha Reddy Engineering College, Hyderabad, as **Coordinator**.

Editorial Board Member /Reviewer:

i) Reviewer for International Conferences.

- a. The Seventh International Conference on Computer Science and Information Technology (CCSIT – 2017), January 2-3, 2017, Zurich, Switzerland.
- b. Springer- Second International Conference on Soft Computing and Signal Processing.
- c. Acted as Technical Committee Member “Advances in Computer Engineering and Communication Systems” from 13th – 14th August 2021- Springer.
- d. Acted as Reviewer for the IEEE International Conferences on Advances in Electronics, Communication, Computing and intelligent information systems Organized by Bangalore Institute of Technology in association with IEEE Bangalore section, Bangalore held from 19th -21st April 2023.
- e. Acted as Reviewer for the 1st International conference on Innovative Computing Technologies (ICICT-2024) held during 13-14 December 2024 organized at Chaitanya, Bharathi Institute of Technology, Hyderabad-India, by the Departments of CSE, IT, AI&ML, AI&DS, MCA and Mathematics.
- f. Acted as Reviewer for the IEEE ICCSAI-2025, organized by Galgotias University, Greater Noida, India on April 4-6, 2025.
- g. Special Session on Cyber Security as a Technical Program Committee in 19th INDIACOM; 2025 12th International Conference on Computing for Sustainable Global Development organised by BVICAM, New Delhi, during 02nd - 04th April, 2025.

ii) Reviewer for International Journals.

- a. International Journal of Computer Science and Information Technology (IJCSIT).
- b. Journal of Scientific Research and Reports

iii) Editorial Board Member

- a. Editorial member of Glacier Journal of Scientific Research (ISSN: 2349-8498).
- b. Editorial Board Member of AS Computer Sciences journal from ACTA Scientific Open International Library.
- c. Associate Editorial Board Member International Journal of Cloud Computing and Database Management, P-ISSN: 2707-5907, E-ISSN: 2707-5915.

d. Editorial Board Member of Edwin Group of Journal (Editorial Member) and has all privileges of membership. EDWIN GROUP OF JOURNALS.

Merits/Honours:

Key note/Invited/Guest Lectures:

- 1) An expert lecture on “Fundamentals of Stacks and Queues”, to I B.Tech CSE on 08/02/2013, organized by SV Engineering College for women’s, Tirupthi.
- 2) A seminar on “Cloud Computing”, to B.Tech CSE on 03/04/2013, organized by Sri Sai College of Engineering & Technology, Anantapur.
- 3) A Delivered special talk on “Importance of computer science”, to B.S.C Computer Science on the occasion of fresher’s day on 15/06/2013, organized by Srinivasa Junior & Degree College, Kalikri, Chittor(D).
- 4) A Seminar on “Cloud Computing Services Models”, to IV B.Tech Information Technology on 25/11/2013, organized by SV Engineering College for women’s, Tirupthi.
- 5) A Guest Lecture on “Network Security”, to III & IV B.Tech CSE on 08/03/2014, organized by Sri Sai College of Engineering & Technology, Anantapur.
- 6) A Seminar on “Trends in Network Security”, for III B.Tech CSE & Information Technology students on 09/09/2014 organized by SV Engineering College for women’s, Tirupthi.
- 7) A guest lecture on “Recent Trends in Networking & Security”, to III B.S.C Computer Science on 03/01/2015, organized by Srinivasa Junior & Degree College, Kalikri, Chittor(D).
- 8) A guest lecture on “Evolution of Ethernet as ubiquitous LAN Technology”, to IV Semester Computer Engineering students on 14/12/2015, Government Polytechnic College, Dharamavarm.
- 9) A guest lecture on “Functions & Arrays”, to I B.S.C Computer Science on 07/01/2016, organized by Srinivasa Junior & Degree College, Kalikri, Chittor(D).
- 10) A Guest Lecture on “Storage Class” for B.Tech Students on 03rd September 2016, organized by Department of CSE, St. Johns college of Engineering & Technology, Yemmiganur.
- 11) A Guest Lecture on “Cloud computing” for B.Tech Students on 21st January 2017, organized by Department of CSE, SRIT, Anantapurumu.
- 12) A Guest Lecture on “Big data and Hadoop” for B.Tech Students on 4th September 2017, organized by Department of CSE, SRIT, Anantapurumu.
- 13) A Guest Lecture on “Cloud Computing and it models” for B.Tech Students on 7th October 2017, organized by Department of CSE, St. Johns college of Engineering & Technology, Yemmiganur.
- 14) A Guest Lecture on “Internet of Things” for B.Tech Students on 3rd November 2017, organized by Department of CSE, SRIT, Anantapurumu.
- 15) A Guest lecture on “Object Oriented Database” I B.S.C (Computer Science) on 02/03/2020, organized by Srinivasa Junior & Degree College, Kalikri, Chittor (D).
- 16) A Guest lecture on “Use of data structures” I B.S.C (Computer Science) on 03/03/2020, organized by Srinivasa Junior & Degree College, Kalikri, Chittor (D).
- 17) A Guest lecture on “Recent Trends in Cloud Computing” III B.S.C (Computer Science) on 25/06/2020, organized by Srinivasa Junior & Degree College, Kalikri, Chittor (D).
- 18) A Guest lecture on “Cyber Security” III B.S.C (Computer Science) on 27/07/2020, organized by Srinivasa Junior & Degree College, Kalikri, Chittor (D).

- 19) Delivering a lecture on “**Importance on Software Engineering in industry**” on 25/10/2022 organized by SV College of Engineering: Tirupati
- 20) Delivering a lecture on “**Artificial Intelligence infused business**” on 04/01/2023 organized by SV College of Engineering: Tirupati.

Chairing Technical Sessions/attended:

- 1) Acted as Two Day National Level Technical Symposium “**SAMMELAN 2K15**” held at JNTUA College of Engineering, Ananthapuramu,,on March 12th to 13th , 2015, as **Judge for Paper Presentation.**
- 2) Acted asTwo Day National Level Technical Symposium “**SAMMELAN 2K15**” held at JNTUA College of Engineering, Ananthapuramu, onMarch 12th to 13th, 2015, as **Judge for Poster Presentation.**
- 3) Acted as Three Day National Level Technical Symposium “**PIXEL 2K16**” held at JNTUA College of Engineering, Ananthapuramu, from March 19th to 21st, 2016, as **Judge for Poster Presentation.**
- 4) Acted as Three Day National Level Technical Symposium “**PIXEL 2K16**” held at JNTUA College of Engineering, Ananthapuramu, from March 19th to 21st, 2016, as **Judge for Paper Presentation.**
- 5) Acted as “Judge” For cultural Events for college Day & sports Day 2013.
- 6) Acted as “Judge” For cultural Events for college Day & sports Day 2014.
- 7) Acted as “Judge” For cultural Events for college Day & sports Day 2015.
- 8) Acted as “Judge” For cultural Events for college Day & sports Day 2016.
- 9) Acted as “Judge” For cultural Events for college Day & sports Day 2017.
- 10) Acted as One Day National Conference “**NCETICT-17**” held at St. Johns college of Engineering & Technology, Yemmiganur on March 25th2017, as **Judge for Paper Presentation**
- 11) Acted as Three Day National Level Technical Symposium “**PIXEL 2K18**” held at JNTUA College of Engineering, Ananthapuramu, from March 22nd to 24th, 2018, as **Judge for Paper Presentation.**
- 12) Acted as Chaired International Conference on computational and bio engineering “**CBE-2019**” held at Sri Padmavathi Mahila Visvavidyalayam (Women’s University),Tirupati during December 27thand 28th 2019, as **Chaired for Computational Engineering.**
- 13) Acted as Chaired International Conference on computational and bio engineering “**CBE-2020**” held at Sri Padmavathi Mahila Visvavidyalayam (Women’s University),Tirupati during December 4th and 5th 2020, as **Chaired for Computational Engineering.**
- 14) Acted as **Primary Evaluator** in Toycathon 2021organized by **AICTE and Ministry of Education's Innovation Cell.**
- 15) Acted as **Jury member** of the DevJam is the inter college hackathon being organised by CMR College Of Engineering & Technology in association with the Institution's Innovation Council (IIC) and League Of Coders under the banner of CSI and IEEE during **10th and 11th December 2021.**
- 16) Acted As **Session Chair** 2nd National conference on Emerging trends in Computer Science Engineering and Information Technology 2022, 25th July 2022, NCETCSEIT-2022, Gopalan College of engineering and management, Department of CSE.
- 17) Acted as **Session Chair** National Conference on Recent Advancements in computing, communication & Societal applications (NASA’23) ” Organized , Madanapalle Institute of Technology & Science, by the Department of Computer Science and Engineering on 19th & 20th April 2023.

- 18) Acted As **Session Chair** 3rd National conference on Emerging trends in Computer Science Engineering and Information Technology 2023, 5th May 2023, NCETCSEIT-2023, Gopalan College of engineering and management, Department of CSE.
- 19) Acted As **Session Chair** International Conference on Emerging Trends in Engineering and Technology (ICETET) 2023” held on June 9-10, 2023 organized by Narsimha Reddy Engineering College, Hyderabad, India.

Conferences/Workshops/training/Symposiums/Seminars Attended:

Symposiums/Seminars:

- 1) Attended a Symposium on “ASPIRE/Software Systems: Practices, Research and Engineering”, during 15th to 17th December 2011, IIT Madras
- 2) Attended a National seminar on “Recent Trends in Networking & Security” during 15th and 16th November 2013, JNTUACEA, Anantapur.
- 3) Attended a One Day Seminar on “Quality Education in private Engineering Colleges” during 08th July 2014, JNTUACEA, Anantapur.
- 4) Attended a ICMR Sponsored National Level Seminar on “Data Mining Applications to Health Care” organized by Department of CSE on 9th to 10th March 2018, SV college of Engineering, Tirupati.

Workshops

- 1) Attended a One Day Workshop on “Advances in Computing Science”, during 24th Feb 2011, Department of CSE, JNTUACE, Ananthapur.
- 2) Attended a Two day workshop on “Awareness Campaign on Ethical Hacking”, during 18th February 2012, JNTUA University, Anantapur.
- 3) Attended a Two Day Workshop on “Developing Free Software Technologies”, during 24th & 25th Feb-2012, Department of CSE, JNTUACE, Ananthapur
- 4) Attended a One Day Workshop on “Network Attacks and Countermeasure Techniques” during 19th October 2013, School of Computing Sciences, VIT Chennai.
- 5) Attended a Two Day Workshop on “Network Implementation & Security” organized by Association for Computer Machinery –IIT Delhi and Network Bulls, during 21st and 22nd Nov’ 2013, G.Pulla Reddy Engineering Collage (Autonomous)”, Kurnool.
- 6) Attended a One Day workshop on “Human Values and Professional Ethics Titled “Engineering Inner Excellence” during 5th July 2014, JNTUA University, Anantapur.
- 7) Attended a One Day workshop on titled ”Technology Enhanced Learning Through NMEICT- Implementation of Spoken Tutorial Project” In collaboration with IIT Bombay during 10th July 2014, JNTUA University, Anantapur.
- 8) Attended a One Day workshop titled “ Ananthapurumu Zonal IEEE Student Members’ Meet” In Collaboration with IEEE Hyderabad Section during 18th October 2014, JNTUA University, Anantapur.
- 9) Attended a Two Day workshop on titled “IBM DB2 ACADEMIC ASSOCIATE” Conducted IBM Hyderabad, during 19th and 20th December 2014, JNTUACE, Ananthapur.
- 10) Attended a One Day National Level Workshop on “Training Program for NBA Criteria and Accreditation Process” during 3rd March 2015, JNTUACE, Ananthapur.
- 11) Attended a One Day Workshop on “Awareness on Washington accord for Outcome Based Education”, 4th August 2015, JNTUACE, Ananthapur.
- 12) Attended a One day workshop on “Awareness on IT/ITES Job Roles & Big Data Analytics”, during 20th August 2015, JNTUACE, Ananthapur.
- 13) Attended a One day workshop on “Cyber Security”, during 08th October 2015, JNTUACE, Ananthapur.

- 14) Attended a One day workshop on “Innovations in Technology”, during 9th December 2015, JNTUACE, Ananthapur.
- 15) Attended a Two Day National Level Workshop on “Applications of soft computing Techniques in Engineering sciences (ASTES-2K16), during 30th & 31st January 2016, Guntur Engineering College, Yanamadala.
- 16) Attended a One Day workshop on “Big Data Analytics” during 6th March 2016, DRK college of engineering & Technology, Hyderabad.
- 17) Attended a Two Day workshop on “Big data with Hadoop Map Reduce and Hive” during 20th & 21st March 2016, JNTUACE, Ananthapur.
- 18) Attended a Two Day workshop on “cyber security & Malware Analysis” during 28th & 29th September 2016, DRK college of engineering & Technology, Hyderabad.
- 19) Attended One day National workshop on “Dissemination of Geo Spatial Technology for the development of Andhra Pradesh” organized in association with Andhra Pradesh Space applications centre, Govt. A.P, Vijayawada on 23rd March 2017 at Sri Krishna devaraya University, Ananthapuramu.
- 20) Attended One day workshop on “21st Century Teaching Strategies” on 16th September 2017 held at JNTUA college of Engineering, (Autonomous), Ananthapuramu.
- 21) Attended One Day Workshop on “Benefits of Engineering with international organization”, 4th August 2018, JNTUACEA, Ananthapuramu
- 22) Attended Two Day Workshop on “Deep learning Using Python”, during 23rd & 24th March 2019, organized by the Department of CSE, JNTUACEA, Ananthapuramu
- 23) Attended One day Workshop on “Artificial Intelligence Techniques and applications using MATLAB”, held on 29-08-2019 at Sri Venkateswara college of Engineering, Triupati (A.P).
- 24) Attended TEQIP-III Sponsored Three days Workshop on "Cyber Security" during 16-18 September 2020 at JNTUA college of Engineering, (Autonomous), Ananthapuramu.
- 25) Attended TEQIP-III Sponsored Two days Online Workshop on "Agile Project Management: The Journey for young corporates" during 23rd to 24th March 2021 at JNTUA college of Engineering, (Autonomous), Ananthapuramu in association TOOOPL Digital Skill Pvt LTD.
- 26) Attended TEQIP-III Sponsored Two days Online Workshop on "IoT: Firmware & Hardware design and development" during 26th & 27th March 2021 at JNTUA college of Engineering, (Autonomous), Ananthapuramu in association TAGV and Open power Ready.

Faculty training Programmes Attended:

- 1) Attended a Two Days Training programme on “Bharath Operating System solutions (BOSS)- Minimalistic Object oriented Linux” (MOOL), during 16th & 17th October 2014, JNTUA University, Ananthapur.
- 2) Attended a One day Faculty Development Programme on “Agile Methodologies” during 25th February 2015, JNTUACE, Ananthapur.
- 3) Attended a Two day Faculty Development programme on “Programming In C and Data Structures”, during 25th and 26th March -2015, JNTUACE, Ananthapur.
- 4) Attended a One Day programme attended the “complementary training/ orientation on MATLAB, SIMULINK & Related Tool boxes for Engineering education”, during 07th October 2015, JNTUACE, Ananthapur.
- 5) Attended a Two Day National Level Development Program on “Entrepreneurship Development Initiative In INDIA” during 16th & 17th March 2016, JNTUACEP, Pulivendula.
- 6) Attended a Two week Faculty Development Programme (FDP) on “Software Engineering”, 17th to 28th June 2016, jointly organized by Dept. Of CSE, JNTUACEA and Electronics & ICT Academy, NIT Warangal.
- 7) Attended a One Day Didactical Programme on “Crafting Powerful Questions”, during 16th July 2016, JNTUACE, Ananthapur.
- 8) Attended a Two Day National Level Faculty Development Programme on Cloud Computing – AMAZON web services Development, during 16th and 17th September 2016, JNTUACEP, Pulivendula.

- 9) Attended a Three Days Faculty Development Programme on Big Data Analytics, during 20th February 2017 to 22 February 2017, JNTUACE, Ananthapur.
- 10) Attended a Five days faculty development programme on Database Design and Programming with SQL. 5th March to 9th March 2018. JNTUA.
- 11) Attended a Five days Faculty Development Programme on Reinforcing Professional Communication Skills for the Teaching Faculty, during 11th June 2018 to 15th June 2018, , organized by Department of Humanities, JNTUACE, Ananthapur.
- 12) Attended a one week AICTE recognized short term course on Next Generation Wireless Networks Through ICT conducted by CSE Department from 16-07-2018 to 20-07-2018 at Sri Venkateswara college of Engineering, Triupati (A.P)
- 13) Attended a one week AICTE recognized short term course on Internet of things through ICT conducted by CSE Department from 06-08-2018 to 10-08-2018 at Sri Venkateswara college of Engineering, Triupati (A.P)
- 14) Attended a one Week faculty Development programme on Machine Learning and Deep Learning on 12th November 2018 to 17th November 2018 at Sri Venkateswara College of Engineering, Tirupati in association with E & ICT Academy, NIT Warangal.
- 15) Attended a one week AICTE recognized short term course on Data Science Using R through ICT conducted by CSE Department from 26-11-2018 to 30-11-2018 at Sri Venkateswara college of Engineering, Triupati (A.P)
- 16) Attended a Three days Faculty Development Programme on “Fundamentals of programming in Python”, during 15th July 2019 to 17th July 2019, organized by Department of MCA, Sri Venkateswara college of Engineering, Triupati (A.P).
- 17) Attended a Two week faculty development Programme on “Data Science and Big Data Analytics” during, 26th August 2019 to 7th September 2019 organized by Dept. Of CSE, G.Pulla Reddy Engineering College, Kurnool.
- 18) Attended a Two week faculty development Programme on “Big Data Analytics for Cyber Physical Systems: Research Challenges and Opportunities” during, 19th December 2019 to 22nd December 2019 organized by Dept. Of CSE, S V College of Engineering, Tirupati
- 19) Attended a One Week Online FDP on “Internet of Things (IoT)” AICTE Training And Learning (ATAL) Academy from 06-04-2020 to 10-04-2020 at Indian Institute of Information Technology (IIIT Nagpur).
- 20) Attended a Two week faculty development Programme on “LaTeX” during, 17th April 2020 to 30th April 2020 organized by Dept. Of CSE, Gopalan College of Engineering and Management in association with IIT Bombay Spoken Tutorial.
- 21) Attended a One Week Online FDP on “Data Sciences” AICTE Training And Learning (ATAL) Academy from 26-05-2020 to 30-05-2020 at JNTUA College of Engineering, Pulivendula.
- 22) Attended a one week "Faculty Awareness Program on NAAC Accreditation" RD's Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune conducted online during the period of 10/05/2020 to 15/05/2020.
- 23) Attended the AICTE Sponsored STTP on "Data Analytics and Machine Learning using R and Python" organized by the Department of Computer Science and Engineering, JNTUACEA during 13th – 18th July 2020.
- 24) Attended a One Week Online FDP on “Internet of Things” AICTE Training And Learning (ATAL) Academy from 24-08-2020 to 28-04-2020 at National Power Training Institute.
- 25) Attended a One Week Online FDP on “Block Chain” AICTE Training And Learning (ATAL) Academy from 08-09-2020 to 12-09-2020 at JNTUA College of Engineering (Autonomous) Ananthapuramu..
- 26) Attended a Two Week Online FDP on Opportunities in Artificial Intelligence and Enabling Technologies for Internet of Things (IoT) from 12 ~ 23, October 2020 at JNTUA College of Engineering (Autonomous) Ananthapuramu.

- 27) Attended a One Week Online FDP on “Management Information System” AICTE Training And Learning (ATAL) Academy from 08-02-2021 to 12-02-2021 at Tripura University.
- 28) Attended a One Week Online FDP on “CYBERSECURITY ANALYTICS” AICTE Training And Learning (ATAL) Academy from 17-05-2021 to 21-05-2021 at Jawaharlal Nehru Technological University Anantapur.
- 29) Attended a AICTE Sponsored Two week FDP phase 2 on "Cyber Security & Block chain Technology" during, 14th June 2021 to 26th June 2021 organized by Dept. Of CSE, Srinivasa Ramanujan Institute of Technology (Autonomous), Ananthapuramu.
- 30) Attended a One Week Online FDP on “NBA Accreditation Process” AICTE Training And Learning (ATAL) Academy from 28-06-2021 to 02-07-2021 at Jawaharlal Nehru Technological University Anantapur.
- 31) Attended a Five Day - Faculty Development Programme on Artificial Intelligence organized by Department of CSE, JNTUA college of Engineering and directorate faculty development, JNTUA, 24th to 28th August 2021.
- 32) Attended 40 hours online faculty development programme on Data Science and Foundations and research Issue” Sponsored by Ministry of Electronic and Information Technology (MeitY) GoI, organized by E & ICT Academy, NIT Warangal and JNTUA during 19th -29th October 2021.
- 33) Attended One Week Online Faculty Induction Workshop on Thrust Areas held from 10.10.2022 to 15.10.2022 organized by Department of Computer Science & Engineering, Madanapalle Institute of Technology & Science, Madanapalle, Andhra Pradesh.
- 34) Attended a A Five-Day Online Faculty Development Program on Empirical Data Science and its Implications during 03 - 07 January 2023 Department of Computer Science and Engineering (Data Science) Srinivasa Ramanujan Institute of Technology (Autonomous), Ananthapuramu.
- 35) Attended One Week Faculty Development Programme on "Machine Learning in Big Data Applications and Security Challenges " MLR Institute of Technology UGC Autonomous Dundigal, organized by Department of Computer Science and Engineering from 24th - 29th April, 2023.
- 36) Dr. P. Dileep Kumar Reddy, Associate Professor of Narsimha Reddy Engineering College (Autonomous): Hyderabad Participation “Application of blockchain technology in Rural sustainable development with special reference to Andhra Pradesh” in DST sponsored a 4-week TEDP, Organized by EEE department, Ramachandra College of Engineering During 5th - 28th September 2023.
- 37) Dr. P. Dileep Kumar Reddy, Associate Professor of Narsimha Reddy Engineering College (Autonomous): Hyderabad has participated 3 days National Seminar on “Applications of Deep Learning in Cyber Security” 02.11.2023 to 04.11.2023, in association with Department of Computer Science and Engineering sponsored by Science and Engineering Research Board.
- 38) Dr./Mr./Ms. P. Dileep Kumar Reddy, Professor from Narsimha Reddy Engineering College (Autonomous) has participated in One Week National Level Faculty Development Programme on “Essential Mathematics for Data Science and Machine Learning”. Organized by the Department of Artificial Intelligence and Machine Learning, Chaitanya Bharathi Institute of Technology (Autonomous), Hyderabad – 500 075, Telangana, India, from 5th to 9th February 2024.
- 39) Dr. P. Dileep Kumar Reddy, Associate Professor of Narsimha Reddy Engineering College (Autonomous): Hyderabad has participated Deep Learning and IOT Driven Smart Applications, Department of Computer Science and Engineering , MLRIT from 24th - 29th June, 2024
- 40) Dr. P. Dileep Kumar Reddy from Narsimha Reddy Engineering College (Autonomous), Secunderabad has participated in Two Week Winter School on Computer Vision and Speech Processing. Organized by the Department of Artificial Intelligence and Machine Learning, Chaitanya Bharathi Institute of Technology (Autonomous), Gandipet, Hyderabad - 500075,

Telangana, India, in Technical Association with ACM Hyderabad Deccan Chapter during 9th to 21st December 2024.

- 41) Dr. P. Dileep Kumar Reddy, Faculty, Narsimha Reddy Engineering College (Autonomous), has participated in the two weeks Faculty Development Program on “Deep Learning and Optimization for Healthcare” jointly organized by Electronics and ICT Academy, NIT Patna, Malla Reddy College of Engineering & Technology, Hyderabad, UPES, Dehradun, Uttarakhand, Sri Sankara Arts and Science College, Kanchipuram, SR University, Telangana and BIT Sindri, Dhanbad under the “Scheme of financial assistance for setting up of Electronics and ICT Academies (Phase-II)” by the Ministry of Electronics and Information Technology (MeitY), Government of India from 24th February 2025 - 04th March, 2025.

Programmers:

- 1) Attended a One Month training program on “Business Skill Development Programme” in collaboration with MSME Development Institute Hyderabad, during 19th Feb 2010 to 22nd Mar 2010, JNTUACE, Ananthapuramu.
- 2) Attended a one week AICTE sponsored STTP on “Developing Cyber security models using statistical and deep learning” during 22-02-2021 to 27-02-2021, SRIT, Anantapuramu.

Assessment /Co-curricular/ Student welfare activities:

1. Examiner for conducting project viva voce for UG/PG students of JNTUA.
2. Examiner for conducting various Practical lab examination of JNTUA.
3. Appointed as examiner for valuation answer scripts for affiliated colleges various subjects.
4. Appointed as observer for UGC NET Exam to be held on 10th July 2016 at Bengaluru. Karnataka.
5. Appointed as conducting various Examination invigilation duties like UPSC Civil Services (Preliminary), EAMCET, APICET, APECET.
6. Appointed as conducting various Examination invigilation duties like M.Tech, B.Tech, MBA in JNTUACEA.
7. Actively participated in Coordinated for the Plantation program on the occasion of P.G Hostel Block Day on 29-02-2013 in JNTUA Collage of Engineering, Anantapur.
8. Patrols the final year students as they reach the final stages of their B.Tech and stops them from creating inconvenience as they leave the college and hostel premises.
9. Actively participated in Coordinated for the Blood Grouping, Tree Plantation, clean and green and Youth Festival in JNTUA Collage of Engineering, Anantapur.
10. Actively involved in submitting the formats related to NAAC, NBA, and UGC & AICTE.
11. Committee Member of Distribution invitation Cards for College Day & Sports Day 2011.
12. Committee Member of Distribution invitation Cards for College Day & sports Day 2013.
13. Committee Member of Judge For cultural Events for college Day & sports Day 2013.
14. Committee Member of Distribution invitation Cards for College Day & sports Day 2014.
15. Committee Member of Judge For cultural Events for college Day & sports Day 2014.
16. Committee Member of Distribution invitation Cards for College Day & sports Day 2015.
17. Committee Member of Judge For cultural Events for college Day & sports Day 2015.
18. Committee Member of Judge For cultural Events for college Day & sports Day 2016
19. Committee Member of Distribution invitation Cards for College Day & sports Day 2016
20. Committee Member of Identify the e-scrap in CSE Dept.
21. Organized Member of PIXEL 2K10 in JNTUACEA, Anantapur, 2010.
22. Organized Member of PIXEL 2K11 in JNTUACEA, Anantapur 2011.
23. Organized Member many workshops and conferences at JNTUACEA.
24. Actively participated in volunteer Smart Indian Hackathon 2019 at SVCE.

25. Committee Member of FDP organizing in SVCE CSE Department in 2019.
26. Committee Member of Institution Industry Cell 2022-2023,2023-2024 & 2024-2025
27. Committee Member of organizing in NRCM International Conferences 2023.
28. Committee Member of FDP/Workshops organizing in NRCM CSE Department in 2023,2024 & 2025.

Research Guidance:

MCA Projects Guided

S.No	Admission No.	Title of the Project	Year
1	11001F0059	Detecting targeted malicious email challenge	2014
2	11001F0036	Onion routing for anonymous and private internet connections	2014
3	12001F0042	Protecting confidentiality with Secure DbaaS by using Encryption in cloud	2015
4.	12001F0050	Decrypt Multiple Cipher texts using a Single Decryption Key in Cloud Storage.	2015
5.	13001F0014	Collusion Resistant Technique At Outsourcing In Cloud Computing	2016
6.	13001F0037	Optimizing Scalability And Reliability In Publish/Subscribe Systems By Using Hpartition Technique	2016
7.	14001F0010	Augment The Play Fair Cipher With 6x6 GRIDE	2017
8.	14001F0036	Enhancing Network Security With Poly Alphabetic Cipher Using Table Rotations	2017
9.	15001F0008	Insurance System With Tracking Manager	2018
10	15001F0004	Smart Space Management System	2018
11	16BF1F0011	Indian Legal Advise and Guidelines systems.	2019
12	16BF1F0015	Online project module recording system.	2019
13	16BF1F0016	Application for file sharing system	2019
14	17BF1F00A5	A Comparative Study of Supervised Learning Algorithms for Stock Market Trend Prediction	2020
15	17BF1F0074	Online Car Rental System	2020
16	17BF1F0020	Packers And Movers Application	2020
17	17BF1F0018	Company employee profile Using QR code	2020
18	18BF1F0032	Identification of COVID-19 spreaders using multiple networks approach.	2021
19	18BF1F0054	Identification Of Plant Leaf Diseases Using Machine Learning Algorithms	2021
20	18BF1F0035	Real Time object Detection	2021
21	19BF5F0006	Providing Security to The User Data in Cloud	2021
22	19BF1F0031	Secure IOT data outsourcing With aggregate statistics and fine grained access control	2022
23	19BF1F0029	Data Mining Approach to find the interest of people in purchasing real estate.	2022

M.Tech Projects Guided

S.No	Admission No.	Title of the Project	Year
1	14001D5111	Outliner Detection Using Semi Supersized Data With Reverse Nearest Neighbours	2016
2.	14001D5122	Time Series Analysis For Effective Resource Allocation In Cloud	2016

		For Media Streaming Applications	
3.	15001D5302	A Dynamic Authenticated Approach Using Verifiable Delegation Scheme In Cloud Environment	2017
4.	15001D5311	A Hybrid Scheme For Multi Authority Access Control In Public Cloud Storage	2017
5.	15001D5118	A novel based approach for detecting node failure in mobile wireless networks.	2017
6.	16001D5212	Novel collaborating instruction detection system (IDS) method based on cloudlet mesh	2018
7.	16001D5110	Energy Optimization using Cluster head Replacement in WSN	2018
8.	16001D5117	Optimal QOS constrained services composition in mobile adhoc network	2018
9.	17BF1D5804	“Dynamic Strategy For Organizing And Distributing Load Balancing In Manet”	2020
10.	18BF1D5801	Image Document Classification with the help of unsupervised learning in deep learning	2021
11.	19BF1D5801	Integration and Mining of medical records for healthcare services AWS cloud	2022
12.	14X01D5802	Opinion Based E-Commerce Application by Using Web Crawling	2024
13.	16X01D5804	A Block Chain based COVID Vaccine Booking	2024

B.Tech Projects Guided

S.No	Admission No.	Title of the Project	Year
1	10001A0528 10001A0553	Mona: Effective Data Sharing for Dynamic Groups in the Cloud using Group Signature and Encryption Techniques	2014
2.	12001A0548 12001A0520 12001A0554	A Website For PIXEL	2016
3.	14005A0504 14005A0503	Employee Network System	2017
4.	13001A0524 13001A0541	An Application for storing and Sharing Files	2017
5.	14001A0537 14001A0527	Online academia schedule	2018
6.	15BF1A0525 15BF1A0501 15BF1A0542 15BF1A0518	String Recovery in an encrypted image using reversible data hiding technique.	2019
7.	16BF5A0512 15BF1A05H7 16BF5A0520 15BF1A05D5	Routing Protocol based on ANT colony optimization in wireless sensor networks	2019
8.	16BF1A0544 16BF1A0545 16BF1A0546 16BF1A0520	IoT Based Smart Parking System	2020
9.	16BF1A0549 16BF1A0555 16BF1A0537 16BF1A0522	Sentiment Analysis Using Recurrent Neural Networks	2020

10.	16BF1A05D5 16BF1A05G5 16BF1A05C8 16BF1A05D3 16BF1A05D1	College Information Chatbot System	2020
11.	17BF1A0586	Stock Visualisation and forecasting	2021
12.	17BF1A05G1 17BF1A05H7 18BF5A0512 18BF5A0517 17BF1A05D5	Vehicle Number Plate Text Recognition	2021
13.	17BF1A05E9 17BF1A05D0 18BF5A0515 17BF1A05D5	Enhanced skin condition prediction through machine learning	2021
14	18BF1A05D5 18BF1A05H7 19BF5A0512 19BF5A0517	Virtual Assistant BOSTON	2022
15	18BF1A05F5 18BF1A05I0 19BF5A0516 19BF5A0515	Dynamic encryption scheme for moving Target Defense	2022
16	18BF1A0579 18BF1A05B3 18BF1A0588 18BF1A0582 18BF1A0589	A verifiable and fair attribute based proxy Re encryption scheme for data sharing in clouds	2022
17	19X01A0520 19X01A0508 19X01A0529 19X01A0547	Plant Disease prediction using Deep learning	2023
18	19X01A0548 19X01A0551 19X01A0546 19X01A0541	Identification Of Fake Profiles in Social Networks Using Artificial Neural Network	2023
19	19X01A0580 19X01A05A0 19X01A0592 20X05A0511	Securing Data in internet of things using cryptography and steganography	2023
20	19X01A0581 19X01A0599 19X01A05B8 19X01A0568 18X01A0572	Web Media and Stock Markets: A Survey and Future Directions from a Big Data Perspective	2023
21	19X01A05D1 19X01A05F9 20X05A0518 19X01A05F2	Movie recommendation system using machine Learning	2023

22	19X01A05G7 19X01A05G5 19X01A05D0 16X01A0529	Virtual Trails Room	2023
23	20X01A05A1 20X01A05B6 20X01A0592 20X01A0587	Develop an advanced image recognition system that can automatically generate descriptive captions for image	2024
24	20X01A0523 21X05A0504 20X01A0505 20X01A0507	Gesture Recognition System for Human-Computer Interaction	2024
25	20X01A05G6 20X01A05E1 20X01A05E0	Machine Learning-Based Stock Market Prediction	2024
26	21X01A6633 21X01A6653 21X01A6657 21X01A6623	Applying Machine Learning algorithms for the classification of disorders.	2025
27	21X01A6603 22X05A6602 21X01A6637 21X01A6663	Automated Road damage detection using UAV Images and deep learning Techniques.	2025
28	22X05A6704 21X01A6734 21X01A6740 21X01A6711 21X01A6710	Advanced Machine Learning Techniques for Enhancing data security in cloud computing system	2025
29	21X01A0538 21X01A0555 21X01A0512 21X01A0532 21X01A0560	Cost and Time AI enhanced Intelligent agent for Job Recommendation system.	2025
30	21X01A0548 21X01A0558 21X01A0533 21X01A0514	Next Gen Secured portal for patient data privacy and insights with zero trust architecture	2025
31	21X01A6207 21X01A6248 21X01A6211 21X01A6261 21X01A6245	VidSum Video Summarization Using Deep Learning	2025
32	21X01A6234 21X01A6252 21X01A6210 21X01A6243 21X01A6235	Django Based Drug Supply chain management with distributed ledger Technology.	2025
33	21X01A05G1 21X01A05H2 21X01A05I0 21X01A05I2 21X01A05I6	Payroll automation and Management system for employees	2025

34	21X01A05B0 22X05A0505 21X01A05D4 21X01A05B2 21X01A05C2	Virtual Assistant for digital banking and financial services	2025
35	21X01A05B4 21X01A0578 21X01A05A5 21X01A05A6	Intelligent Matching platform with AI capabilities for talent skill and opportunity alignment	2025

Personal Profile:

Father's name: P. Surendra Reddy

Marital Status: Married

Date of Birth: 16/08/1989.

Languages: English, Telugu

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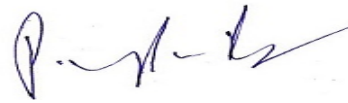
Permanent address: Pottamvari Palli (V), Gongivari Palli(P), Sodam (M), Chittor (D), A.P
Pin Code: 517123.

Declaration:

I hereby declare that the information furnished above is true to best of my knowledge.

DATE: 10/07/2025

PLACE: Hyderabad



(Dr. P.Dileep Kumar Reddy)

References:

1) Dr B Eswara Reddy
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