# TELLA. SUMALLIKA

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#  Objective

 Looking forward to work in a progressive and challenging environment, where I can enhance my skills and potential to the best and utilize them to create new avenues in the field of information Technology.

**Experience–14 Years**

* Presently working as an Assistant-Professor in **Seshadrirao Gudlavalleru Engineering College**, Gudlavalleru since 29th Apr 2015 to till date.
* Worked as an Assistant-Professor in **Lendi Institute of Engineering and Technology**, Vizianagaram since Mar-2013 to Nov-2014.
* Worked as an Assistant-Professor in **Kaushik College of Engineering**, Visakhapatnam since July-2011 to Feb-2012.
* Worked as an Assistant-Professor in **Al-Ameer College of Engineering** , Visakhapatnam from Nov-2007 to June-2011

**AcademicDetails**

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| --- | --- | --- | --- |
| **Course** | **Institution** | **Board/University** | **Percentage** |
| **Ph.D** | Acharya Nagarjuna University | ANU | Pursuing |
| **M.Tech** | Pydah Engineering college,Vizag. | JNTUK | 76.88% |
| **B.Tech** | C.R.Reddy Engineering College,Eluru. | Andhra University | 72.33% |
| **Intermediate** | Sri Vidya Junior College, Gudivada. | Board of Intermediate | 67% |
| **SSC** | Z.P.H. School, Moturu. | SSC Board | 65% |

**Subjects Handled**

* Digital Logic Design
* Theory of Computation
* Artificial Intelligence
* R Programming
* Object Oriented Programming
* E-Commerce
* Free and
* Human Computer Interaction
* Object Oriented Analysis and Design
* Design Patterns
* Computer Organization
* Computer Organization & Architecture
* Database Management System
* Computer Networks

**Conferences**

# International Conferences

1. Presented a paper on "**Classification and detection of inconsistent data from a crash report in field of a GPON broadband access network using Artificail Intelligent Algorithms,"** 2024 International Conference on Advancements in Computation and Computer technologies(InCAAT), GITAM University, India, 2024, pp. 1-5, doi: 10.1109/InCACCT61598.2024.10550983. 12 June 2024 **(Scopus)**
2. Presented a paper on “**An Overview of E- Learning and its challenges in India**” in international conference on Sustainability of E- Education as a close alternative to traditional Education , Organized by Millennium university , Chennai on January 2020
3. Presented a paper on **“IoT Enabled Smart Banking System -A Technology Revolution in India”**, in international conference-2018 on FINTECH- opportunities & challenges, at K.L.University, Vaddeswaram, 10th November 2018.
4. Presented a Paper on **“an effective edification of e-learning”** in International Conference on Big Data Analytics and Computational Intelligence” at Chirala Engineering College , Chirala, in March 2017.

# National Conferences

1. Presented a paper on **“Automatic water level monitoring system using Aurdino”** , International conference-2018 on CITAES-2018 at Gudlavalleru Engineernig College, Gudlavalleru, 30thNovember&1stDecember 2018.
2. Presented a Paper on  **"Efficient consumer response with big data & data analytics w.r to Branded Retail stores"** in  National Conference on Emerging & Innovative Trends in Computer Science , at Vasavi Engineering College, Hyd, in March 2017.

**Publications**

1. Published a Paper on the topic “**Implementation of an Advanced health-Monitoring System capable of real –time Analysis and Alerting**”, Engineering Proceedings :Journal from MDPI , Vol. 62, PP. 1-7,. <https://doi.org/10.3390/engproc>2024062016 ,March 2024(**Scopus**).
2. Published a Paper on the topic **“Sugar Cane Leaf Disease Classification And Identification Using Deep Machine Learning Algorithms”** Journal of Theoretical and Applied Information Technology 31st Oct 2023. Vol.101. No 20. (SCOPUS INDEXED)
3. Published a Paper on the topic **“An Artificial Intelligence Based Weed Classification Using Vgg16 Classifier and RMSprop Optimizer** Journal of Theoretical and Applied Information Technology 15th March 2022. Vol.100. No 5. (SCOPUS INDEXED)
4. Published a Paper on the topic **“An Overview of E-Learning and its Challenges in India**”, International Journal of Mechanical Engineering (IJME) Volume :7, No: 2, p.p.314-319, Feb 2022. (SCOPUS INDEXED).
5. Published an article ‘**Efficient Consumer Response using Big Data Analytics’** in DRSR Journal (UGC CARE Group I Journal) ISSN: 2347-7180, Volume :11, Issue : 7. No: 1, July 2021,p.p.17-23.
6. Published a Paper on the topic **“Dynamic Carpooling for Better Environment**”, International Journal for Research in Engineering Applications & Management, Vol-06, Issue-02, May 2020. (UGC).
7. Published “**An Analysis Of Big Data Applications And Its Implications In Health Care Sector**”, International Journal Of Research And Analytical Reviews(IJRAR), ISSN: 2348-1269, Vol.7, issue 2, page: 828 – 835, April 2020, impact Factor: 5.87 (UGC )
8. Published “**IoT enabled Smart Banking System -- a Technological Revolution**”, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-2, July 2019.(SCOPUS INDEXED).
9. Published a Paper on the topic **“An effective edification of e-learning”**. In **IEEE**2017 International Conference on Big Data Analytics and Computational Intelligence (ICBDAC), Pages 143-148.
10. Published a Paper on the topic **“Attribute Based Image Duplication Alert Message Using Big Data”**. International Journal of Engineering Research and Applications (IJERA).Vol 7, Issue 1, (part 3) Jan 2017.
11. Published a Paper on the topic **“An Approach to Store Spatial Big-Data Using Multi-Valued Database”**. IMPACT: International Journal of Research in Engineering & Technology (IMPACT: IJRET), Vol.1, Issue 6, Nov 2013.
12. Published a Paper on the topic “**An Efficient Search of Imperceivable data in Location-based Services”**, International Journal of Engineering Research & Technology (IJERT), Vol. 3 Issue 2, February-2014.
13. Published a Paper on the topic **“Automatic User Specific Opinion Extraction from Online Reviews”**,(IJCSIT) International Journal of Computer Science and Information Technologies,Vol.5(1), 2014.

**Book Chapters**

**roject Applied for DST/ UGC**

* Published a Book Titled “**Internet of Things: A Design Perspectives”** with ISBN-13979-8888056738, Publisher Notion Press, Available in Amezon.
* Contributed a chapter on “**An overview of E- CRM**” in the book of Role of Human resource and Customer relationship management in the current Scenario, Published by Association of Global Academicians and Researchers on 20th January 2021 pp.189-126, ISBN:978-81-948141-X-Y.

 **Patents**

* A patent was granted with a title of “Method and System for Anamoly Detection in identification Management by Human Resource (HR) using Artificial Intelligence” with Application No: 202341000564 on 4th July 2023.
* Indian patent “Method and System for Anomaly Detection in Identification Management by Human Resource (HR) using Artificial Intelligence”, Published withPatent number: 202341000564 A 13Jan 2023.
* Indian Patent Office-Journal Publication-Issue 37, 2022; Publication date 16-09-2022; Filing Date 08-09-2022. Application No.202241051263 A.
* Indian Patent Office-Journal Publication No-50/2021; Publication date 2021-11-23; Filed on 23 November 2021. Application No. 202141053775.
* Indian Patent Office-Journal Publication No-50/2021; Publication date 2021-11-10; Filed on 10 October 2021. Application No. 202141051539.

**Project Applied for DST/ UGC / SERB**

* Applied in-house R&D Project “**Smart Home - an intelligent door locking and unlocking monitoring system**”
* Applied a project in SERB entitled with **“Women empowerment in Rural Areas of India through E-Learning and Training Methods**” in Core Grants Scheme.
* Applied a project in DST entitled with **“Attribute Based Image Duplication Alert Message Using Big Data**” in WOS-A Scheme.

**FDPs/Workshops/Seminars Attended**

* Completed EDX certification for course “**Generative AI for Business Leaders**” in June 2024.
* Completed EDX certification for course “**Python Basics for Data Science”** in June 2024.
* Attended One week National level Online FDP on **“Generative AI Models and Applications of Machine Learning”**organised by Shri Vishnu Engineering College for Women, Bhimavaram, during 21 to 25May 2024.
* Attended Five-Day Online FDP on **“Unlocking Innovation: Exploring intellectual Property Rights”**organised by P.V.Siddartha institute of technology, Vijayawada, during 16th to 21stMay 2024.
* Attended One week Online International Workshop on "**Introduction to Machine Learning and Deep Learning (Hands-On)**" Organized by Department of CSE In Association With Directorate of Faculty Development Cell, JNTUGV, from 31 July-5 Aug,2023.
* Attended Six day FDP on **“MEAN Stack Technologies”** Organized by Computer Science Engineering and Information Technology, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru. 06 March 2023 – 14 March 2023
* Attended Two day National workshop on **“Advances in Cloud Computing”** Organized by Computer Science ANU College of Sciences, ANU, 03 Feb 2023 – 04 Feb 2023.
* Attended one week FDP on “**Full stack Application Development**" Organized by Computer Science Engineering and Information Technology, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru. 15 June 2022 to 21 June 2022.
* Attended one week Online FDP on “**Robotic Process Automation**" Organized by Computer Science Engineering and Information Technology, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru. 23 Aug 2021 to 28 Aug 2021.
* Attended one week Online FDP on “**Full stack Application Development**" Organized by Computer Science Engineering and Information Technology, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru. 15 June 2022 to 21 June 2022.
* Attended one week Online FDP on “**Microsoft Azure AI Fundamentals**" Organized by JNTUK, Kakinada. 06 May 2022.
* Attended one week Online FDP on “**Quantum Information Processing & Applications**" Organized by Central University of Punjab (ATAL). 23 Aug 2021 to 27 Aug 2021.
* Attended one week Online FDP on “**Business Applications of SPSS, R and**

**Tableau**" Organized by Electronics & ICT Academy, NIT Warangal In Association With GITHAM. 11 April 2022 to 20 April 2022.

* Successfully Completed 50 hr FDP on **Scholarly Communication (Phase III)** research apprenticeship from July to Nov 2022, ELT center, Seshadri Rao Gudlavalleru Engineering College , Gudlavalleru. Awarded C+.
* Attended Online FDP on "**AI/ML for Computer Vision and Medical Image Analysis Applications**" Organized by Electronics & ICT Academy, NIT Warangal In Association With Department of Electronics and Communication Engineering BVRIT HYDERABAD College of Engineering for Women, Hyderabad, from 3-12 Dec 2022.
* Participated in Online Short-Term Course on “**Python Programming for Artificial Intelligence**” conducted by the Computer Science and Engineering NIT Warangal in association with CCE, NIT Warangal from 28 Nov to 2 Dec 2022.
* Attended one week Online FDP on “**Challenges and Research Opportunities in Deep Learning and Machine Learning**" Organized by Computer Science Engineering and Information Technology, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru, from 18 July 2022 – 30 July 2022.
* Attended Two week refresher course on “Computer Networks” Organized by Computer Science Engineering and Information Technology, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru.
* Attended ten days Online Faculty Development Programme on “**Business Applications of SPSS, R, and Tableau**” during 11th-20th APRIL 2022.**NIT Warangal** along with the E&ICT Academy, GITAM Hyderabad Business School.
* Participated in e-workshop on “**Data analysis with R Programming**”, organized by Commacad. from 26-27 March 2022.
* Attended one-week ATAL Sponsored Online Faculty Development Program on “**DataScience”** , from 19 – 23January 2021.Organized by Department of CSE & IT, Gudlavalleru Engineering College, Gudlavalleru.
* Attended 60 contact hours Faculty Development Program on “**Data Science”** , from 1– 30 June 2020.Organized by Department of Skill Development & Traing, Govt of Andhrapradesh. APSSDC.
* Attended 10 contact hours Faculty Development Program on “**AWS Cloud Computing”** , from 22– 26 June 2020.Organized by Department of Skill Development & Traing, Govt of Andhrapradesh. APSSDC.
* attended One Week online workshop on “**Blended E-Learning**” was organized by Departments of Computer Science and Engineering, **JNTUK University College of Engineering** Vizianagaram in association with Computer Society of India, from 6 - 10 July 2020.
* Participated in Five day online FDP on “**Block Chain Technologies**” Organized by Department of CSE & IT, Gudlavalleru Engineering College, Gudlavalleru. From 9-13 June2020.
* Attended Two week AICTE sponsored Faculty Development Program on “**Data Science and Data Analytics through Python and R Programming**” from 27 January 2020 –8 February 2020.Organized by Department of CSE & IT, Gudlavalleru Engineering College, Gudlavalleru.
* Participated in One Week Online FDP on “**Artificial Intelligence**” Organized by Department of CSE, Santhiram Engineering College, Nandyal, in association with Brain O Vision, Hyderabad. From 13-18May 2020.
* Participated in One Week online FDP on “**Big Data Tools**” Organized by Department of CSE, St.Martin Engineering College, Secundrabad.In association with CSI, From 18-23 May 2020.
* Participated in Webinar on “**Impact of Covid in Engineering Education & Way Forward**” Organized by Indian Soceity for Technical Education (ISTE) Chapter, Gudlavalleru Engineering College, Gudlavalleru. From 9-13 June2020.
* Attended one week FDP on **“Applied Cryptography”**, from 12th -18th Nov 2018. Organized by the Department of Information Technology, VVIT, Namburu,
* Attended One Week Faculty Development Programme on **“IoT with IBM WATSON"** from 26th Nov – 1st Dec2018.Organized by the Departments of Information Technology and Computer Science and Engineering, Gudlavalleru Engineering College, Gudlavalleru, in Association with SMARTBRIDGE, Hyderabad.
* Attended One day workshop on “**How to write a good Research paper“**was organized by Departments of Information Technology and Computer Science Engineering, on 23 November 2018 by Dr. B. Janaki Ramaiah, Professor of CSE, PVPSIT, Vijayawada.
* NPTEL-AICTE Faculty Development Program on **“Introduction to IOT”**, NPTEL, IIT Karagpur, July-Oct 2018.

* Attended One Week Faculty Development Programme on **“Machine Learning- Recent Trends and Applications" from** 03rd – 08th February 2018.Conducted by GEC IT Dept, in association with E&ICT Academy, National Institute of Technology (NIT) Warangal.
* Attended a one day workshop on **“Current Trends in Data Analytics”** on 15th Dec 2017 Conducted by C-DAC, JNTUH, Hyd.
* Attended a two day workshop on **“IPv4 & IPv6”** on 24th-25th NOV 2017 Conducted by IT Department, Gudlavalleru Engineering College, Gudlavalleru .
* Attended a Two Week British English Council Workshop Conducted by English Department, Gudlavalleru Engineering College, Gudlavalleru .
* Attended One Week Faculty Development Programme on **“Big Data Analytics”** @ GEC 14th -19th of NOV 2016.
* Attended a Two day workshop on “**Cyber Security: Threats and Vulnerabilities”** organized by VR Siddhartha engineering college, Vijayawada , during 19th and 20th September, 2016
* Attended One Week National Level Faculty Development Program on “**Cyber Security and Forensics”** held at Shri Vishnu Engineering College for Women, Bhimavaram During 16th-20th August 2016.
* Attended a two day workshop on **“Windows Azure”** on 21st -22nd march 2016 At Gudlavalleru Engineering College,Gudlavalleru , 21st -22nd MARCH2016
* “TRAINING TEACHERS FOR EXCELLENCE” ONE WEEK training program by **Dr.B.G.BARKI** @GEC 5th -7th JUNE 2015.
* Attended a Two day workshop on **“Ethical Hacking”** on 6th-7th Oct-2015 Conducted by Gudlavalleru Engineering College, at Gudlavalleru.
* Attended a one day seminar on **“Selenium On Python”** on 4th Sep-2015 Conducted by IT Department of Gudlavalleru Engineering College, at Gudlavalleru.
* Participated in a Two-week ISTE STTP on **” Introduction to Design of Algorithms”** Conducted by IIT Kharagpur.@GEC.
* Attended workshop on **"Trends in J2ME and Android"** conducted by CSE/IT departments at Lendi institute of engineering and technology 28th JULY 2013.
* Attended workshop on **"Network Simulation Using NS2"** conducted by CSE&ECEdepartments at Lendi institute of engineering and technology on 2013.
* Attended workshop on **“Internet Of Things”** conducted by CSE department of Gudlavalleru Engineering College at Gudlavalleru on 27th& 28th Nov 2015.

**ProjectsGuided**

* + UG Projects: 25
	+ Mini projects:14

**Workshops / Paper Contests Conducted**

* Conducted a Technical Talk on "**Engineers Quest"** in association with ACM and SAINT on September 13, 2023—Engineers Day.
* Conducted a Technical Talk on "**TechTalk-Smart India"** in association with ACM and SAINT on September 13, 2022—Engineers Day.
* A One week Online Training Program on “**Source Code Management Using Github**” wasconducted in Association with APSSDC for II B.Tech Students from 6-12 June 2021.
* Organizing Department Association day andFresher’s Day since 4 years.
* Conducted a One week Online Training Program on “**Skill Edge Programme**” was conducted in Association with APSSDC for II B.Tech Students from 6-12 May 2021.
* Conducted a Student workshop “**Engineering Orientation Program”** held in IT Department at Gudlavalleru Engineering College from 10th -15th Dec 2019.
* Conducted a Departmental Paper Contest ”**TECHCANDOUR2K16”** held in IT Department at Gudlavalleru Engineering College on 07-09-2016.
* Conducted a “**National Network Security Championship”** held in association with ACM IIT Delhi at Lendi Institute of Engg & Technology.

**Achievements**

* Received –Elite certificate for the course” **Programming in JAVA”** from NPTEL**.**
* Registered for Ph.D. programme in Acharya Nagarjuna University, Guntur, on 23 September2020.
* Certificate of Appriciation for acquiring 100% score in Equiz on “**Java Programming**”, Organized by Vagdevi Institute of Technology & Science. Proddutur, on 02-06-2020.
* Certificate of Appriciation for acquiring 100% score in Equiz on “**Programming in C**”, Organized Sir,C,R,Reddy College,Eluru. on 08-06-2020.
* Received –Elite+Gold certificate for the course” **Introduction to IOT”** from NPTEL**.**
* Received –Elite+Silver certificate for the course” **Introduction to Automata Theory”** from NPTEL**.**
* Successfully Completed NPTEL Course **“Data Mining**”
* Certificate of Completion on “**Java Programming**” from Bennett University Greater Noida, India. May-2020.
* Qualified APRSET-2019.
* JNTUK M.Tech 2 times Ratified (dec 2015) & (Jan 2014).
* Qualified in 2009 Gate Exam.
* Acquired Sun certification in JAVA from ELMAQ Institution, Chennai.
* Received Appreciation Certificate for Producing Results Above 90% in IV-II End Examinations in the Subject **“Object Oriented Analysis and Design”** During the Academic Year 2013-14.

 **Memberships**

* Associate Member of **MIE** (Membership number: M-1637147), science 31st Dec 2018.
* Associate Member of **ACM** (Association for Computing Machineries), since Feb 2017.( Member Number 6733777).
* Associate Member of **UACEE** (Universal Association of Computer and Electronics Engineers) since 26 Aug, 2015(Membership No: AM10100052244).

**Other Roles/Responsibilities**

### Program coordinator for SAINT since 5 years.

### Project Coordinator for IV-II Sec-B.

### Covid'19 Task Force Committee

1. Coordinator for Department Magazine.
2. Department coordinator for Institute Magazine-Techno Light(2016-2021).
3. Acted As a Class Teacher –II B.Tech Sem-I & Sem-II for Sec (B).
4. Academic coordinator for - II B.Tech ,Sem-II & Sem I
5. Coordinator for NBA Criteria-3(program outcomes).
6. Department Coordinator for Paper-Presentation in GEC-FEST'19.
7. Responsible for events, workshops, etc conducted for II B.Tech students.
8. Student Counselor.

**Personal Profile**

 Father’s Name : T. Navajeevan Kumar

 Date of Birth : 28th March 1982

 Nationality : Indian

 Languages known : English, Telugu and Hindi

 Hobbies : Gardening

 Present Address : Smt. T .Sumallika

 W/o Dr.P.V.M.Raju

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 Opp. K V Commerce college,

 Satyanarayana puram.

 GUDIVADA-521301.

**Declaration:**

 I hereby declare that all the statements made in this resume are true, complete and correct to the best of my knowledge and belief.

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 **(T. SUMALLIKA)**