**CURRICULUM VITAE**



**Dr. LAKSHMAN SINGH**

PhD CSE, M. Tech CSE ,MCA

**Senior Assistant Professor**

**Department of CS/CSE**

**NIET Autonomous institute Greater Noida**

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**E-Mail**

**[– Lkshmanji@gmail.com , Lakshman@niet.co.in,](mailto:–  Lkshmanji@gmail.com , Lakshman@niet.co.in,)**

**ORCID ID**

[https://orcid.org/0000-0002-8839-845X](https://orcid.org/0000-0002-8839-845X?lang=en)**.**

**Social media platform**

[**https://www.facebook.com/JAVABYLAKSHMAN/**](https://www.facebook.com/JAVABYLAKSHMAN/)

**Google scholar**

<https://scholar.google.com/citations?user=crjgkHUAAAAJ&hl=en>

# CAREER OBJECTIVE

To excel in Teaching Profession through Continuous Learning, Effective Knowledge Dissemination, Applied Research and Organizing Training Programmers to Academic and Industrial Community

# Professional Experience

**Total Experience: 9 years, 4 months**

**I having 9 plus years** **hands on Experience software industry as well as Academic and Research as Training Java** **Full Stack Trainer, and Workshop mod class Attending and industrial project Development** Java Oracle DB-SQL/Mongo DB web Technology-html css js , Reactjs,J2SE, J2EE, Spring MVC, spring boot and Hibernate.JPA2 Restful Web Services Micro services and java coding ,Java Design Patterns,

**Teaching and Research Experience**

**Present Position 6.3 years**

* Currently working as **Senior Assistant Professor** in Department **Computer Science and Engineering/ Application at** **Noida Institute of Engineering and Technology [NIET],** at **Greater Noida its Autonomous Engineering College** (Affiliated to Dr. A.P.J. Abdul Kalam Technical University Lucknow) Uttar Pradesh from **15-Sep-2022-to –Till Date URL-** [**https://www.niet.co.in/**](https://www.niet.co.in/)
* Working as Assistant professor in Department of **Computer Science / Computer Application** at **IISE Group of Institutions Lucknow** (Affiliated to Dr. A.P.J. A bdul Kalam Technical University Lucknow) Uttar Pradesh from **24-NOV-2017**  **-to 12- September -2022 ,** UR- <https://iiseindia.com/>

**Industrial Experience: -3.2 years**

* Working as a java **Software Engineer** with **Vengai Software Solutions Pvt Ltd,** **Hyderabad 22 Aug** -**2015 - 20-NOV,-2017** - Current which Provides The Best Environment for innovation and Business Growth. URL – <http://vgsoft.com/>
* Working as a **Associate software Engineer** with **BOTREE SOFTWARE INTERNATIONAL PVT LTD,** **Chennai 8 - SEP** -**2014 -**to – **17 AUG- 2015** Current which Provides the Best Environment for innovation and Business Growth. URL- <https://botreesoftware.com/>

# DOCTORAL STUDIES

* **Ph.D.** Computer Science and Engineering Sarvepalli Radhakrishnan University, Bhopal
* ***AREA OF RESEARCH:*** “ROBUST DIGITAL WATERMARKING TECHNIQUES FOR PROTECTING COPYRIGHT”

Research Interests

* Monolithic vs. Micro services Architecture using java technology
* artificial intelligence
* image processing
* data storage in hybrid mode in cloud in storage architecture
* Distributed Computing
* ROBUST DIGITAL WATERMARKING TECHNIQUES

# *PROFESSIONAL QUALIFICATION*

|  |  |
| --- | --- |
| **Ph.D.-CSE** | Computer Science and Engineering Sarvepalli Radhakrishnan University Bhopal |
| **M.Tech.-CSE** | 2017 **Computer Science and Engineering** , BIET Lucknow (Affiliated to Dr. A.P.J. Abdul Kalam Technical University Lucknow ) |
| **PG-Diploma** | video production 2015 from Makhanlal Chaturvedi Rashtriya Patrakarita Vishwavidyalaya Bhopal MP |
| **MCA** | 2014 Master Of Computer Application ,IEC COLLEGE OF ENGINEERING AND TECHNOLOGY ECH. GREATER NOIDA (Affiliated to Dr. A.P.J. Abdul Kalam Technical University Lucknow ) |
| **B.C.A** | 2010 from Makhanlal Chaturvedi Rashtriya Patrakarita Vishwavidyalaya Bhopal MP |
| **12th** | Passed from U.P Board (2006) |
| **10th** | Passed from U. P Board (2004) |

# Coursera Courses with Certificate

# Introduction to Java <https://coursera.org/share/b0fca90393beb56274ad6fbc1484c24a>

### Fundamentals of Java Programming

# <https://coursera.org/share/54ab1eecf28750ea410df0f1b1351077>

# Introduction to Object-Oriented Programming with Java

<https://coursera.org/share/648cc49843ca32941960c54513434516>

### [Oracle Database Foundations](https://www.coursera.org/account/accomplishments/records/TF37GL4XRNTX)

<https://coursera.org/share/9cc068d97d137f7bcccefa8e2685329d>

### Java Database Connectivity (JDBC) Introduction

<https://coursera.org/share/8375ef647955b5bece9e64a78130884a>

### [Google SEO Fundamentals](https://www.coursera.org/account/accomplishments/records/DZFDQB39R9FQ)

<https://coursera.org/share/fe5e09e2cf83cd48558a69ee8a6e1233>

### Optimizing a Website for Google Search

<https://coursera.org/share/6f60a2ace64abee0c0d2d0f4666852dd>

### Advanced Content and Social Tactics to Optimize SEO

# <https://coursera.org/share/0ac63dc5002516361bc22456aac6ed69>

# Spring - Ecosystem and Core

# <https://coursera.org/share/cf8e8b6dab41e42845805527283ec382>

# Training and Workshop

1. **Workshop 17 Days on Java technology MCA Department NIET Greater Noida October 2024**
2. **Java training 17 Day Department B.Tech CSE NIET Greater Noida FEB 2023**
3. **Java training Department MCA-INT NIET Greater Noida MARCH 2023**
4. **Workshop on oops -Object-oriented programming in MCA Department 2023**
5. **Workshop 15 Days on Java technology MCA Department NIET Greater Noida October 2022**

# SEMINAR

* **Java programming Language** in March 2015 “oracle corporation” **DURGA SOFTWARE SOLUTIONS** Hyderabad,
* **Oracle database** seminar in March 2015 “Oracle corporation” **DURGA SOFTWARE SOLUTIONS** Hyderabad
* **UI Technologies** - seminar in April-2015 HTML CSS, Bootstrap JavaScript, Angular 8, React JS, Domain Registration with web hosting **Naresh i Technologies** Hyderabad
* [**4G Wireless Technology**](http://pediain.com/seminar/Advancements-Towards-4G-Wireless-Technology.php)seminar in October 2019 “HCL ” Chennai

# RESPONSBILITIES

* Coordinator Departmental Examination Cell.
* Member Board of Studies.
* Class Coordinators and mentor
* Profound knowledge of the subject areas and ability to teach students by using various methods
* Time to Time assignments Syllabus Planning and Design
* Feedback of Students
* Question paper design
* project guide
* presentation preparation for the lecture notes and guidelines

# SUBJECT TAUGHT

* **Java Programming**- OOPS, access modifiers, Exception Handling multithreading,
* **Web design (Web Technology)-** HTML CSS, Bootstrap JavaScript
* **DBMS**- [Data Models in DBMS](http://beginnersbook.com/2015/04/data-models-in-dbms/), [Normalization in SQL](http://beginnersbook.com/2015/05/normalization-in-dbms/) (DDL DML DRL TQL JOIN )
* **Design Patterns** in Java
* **Software Engineering**
* **Digital electronics / computer system organization**

**JAVA FULL STACK TRAINER - SKILLS SET**

|  |  |
| --- | --- |
| Operating Systems | WINDOWS, UNIX |
| Languages | JAVA 8 |
| **J2EE Technologies** | Servlets , JSP,, JDBC |
| Frameworks | Spring , Spring boot |
| ORM Frameworks | Hibernate ,JPA2, Spring Data JPA |
| Web Designing Tools | HTML, CSS, java Script ,bootstrap, |
| Web Design framework | React js, Angular8,9,16, |
| **Database** | Oracle, MySQL,, Workbench, mongo dB |
| Web Service | XML -DTD vs XSD JAX-B JAX-RS / Jersey |
| Web Service | restful api , jackson Api ,Jersey,JaxB Api |
| **Web / App Servers** | Apache Tomcat, Web logic. Jetty server, Eureka server |
| Java Desktop Editor | Visual Studio Code, EditPlus,Notpad++ |
| Java IDE /Tools | Eclipse, and STS, Maven |
| Other Tools | Junit, Jira Tool,Git,,SVN,Log4J, Maven, Postman, PMS |
| Software development Methodologies | Agile scrum methodology |
| Microservices Frameworks | Spring Boot, Jersey Frameworks |
| Spring boot configuration File | application.properties, application.yml |
| Integration tools | Jenkins |
| Deploy Application container | Docker, Docker Hub |

**Membership in Professional Bodies:**

* Life Member of Indian Society of Technical Education
* Life Member of Indian Society of Systems for Science & Engineering

# PERSONAL PROFILE

## NAME : Dr. LAKSHMAN JI

## Father Name : HEERA LAL (HEAD MASTER)

## Date of Birth : 18 JUL-1991

## Marital Status : Married

## Nationality : Indian

## Languages : English and Hindi.

* **Address : Kanpur**

# PUBLICATIONS:

1- (**Lakshman Jia, Dr. M.Sivak Kumar**) **Robust Digital Watermarking Techniques for Protecting Copyright** IT in Industry, Vol. 9, No.1, 2021, Published Online 18-Mar-2021 ISSN (Print): 2204-0595, ISSN (Online): 2203-1731 ,DOI:https://doi.org/10.17762/itii.v9i1.279

URL-(<http://www.it-in-industry.org/index.php/itii/article/view/279>)

Emerging Sources Citation Index (ESCI), Web of Science citation index

**2-** (**Lakshman Jia, Dr. M.Sivak Kumarb**) **Design and Implementation of Robust Digital Watermarking using Hybrid technique for Copyright Protection Digital data**

Turkish Journal of Computer and Mathematics Education Vol.12 No.3(2021),

page no -4839-4845 , E ISSN: 1309-4653

URL- (https://turcomat.org/index.php/turkbilmat/article/view/1988/1721 )

**Scopus indexed -(** [**https://www.scopus.com/sourceid/21100902608**](https://www.scopus.com/sourceid/21100902608) **)**

3- (**Lakshman Jia, Dr. M.Sivak Kumarb**) **Robust Digital Watermarking Techniques for protecting copyright Applied to Digital Data: A Survey**

Turkish Journal of Computer and Mathematics Education Vol.12 No.3(2021), 3819-3825

page no - 3819-3825, (E-ISSN:1309-4653)

URL- (https://turcomat.org/index.php/turkbilmat/article/view/1669/1415)

**Scopus indexed -(** [**https://www.scopus.com/sourceid/21100902608**](https://www.scopus.com/sourceid/21100902608) **)**

4 - ( **Lakshman Ji, Dr. M.Sivak Kumar, Dr. Varsha Namdeo**) **Copyright Protection in Insecure Communication Channels Using a Robust Digital Picture Watermark**

Design Engineering Issue: 8 Pages: 3614-3628, (E-ISSN: 0011-9342)| Year 2021 DOI:10.17762/TURCOMAT.V12I3.1988

URL<http://www.thedesignengineering.com/index.php/DE/article/view/5308?fbclid=IwAR2wNQcHyDUVybJb2pH8wq-LBCf1UrSF_1awRmQyJbyTi5rI1ht8IZbQGdU> )

**Scopus indexed - ( <https://www.scopus.com/sourceid/28687> )**

**5- “Relative Analysis of Indiscernible Text Digital Watermarking “**

Lakshman ji - International Journal of Computer Science Trends and Technology (IJCST) Volume 5 Issue 3, May – Jun 2017 Page-47-51, ISSN : 2347 - 8578,

DOI : 10.33144/23478578

URL- <https://www.ijcstjournal.org/volume-5/issue-3/IJCST-V5I3P11.pdf>

( <http://www.ijcstjournal.org/> )

7- **" A Comprehensive Analysis of the Literature on the "Traditional" Monolithic Approach and Micro Services Architecture** “Lakshman Ji , Alka Singh ,Ambrish Kumar Sharma ,Apoorva Joshi , C.S Yadav | | NOVEMBER 2022 | VOLUME 20 | ISSUE 15 | PAGE 7695-7699| **ISSN:1303-5150** Lakshman Ji et al/ A Comprehensive Analysis of the Literature on the "Traditional" Monolithic Approach and Micro Services Architecture DOI: 10.14704/NQ.2022.20.15.NQ88760 NeuroQuantology2022;20 (15): 7695-7699, ISSN:1303-5150

URL (<https://www.neuroquantology.com/article.php?id=13041>

<https://www.neuroquantology.com/open-access/A+Comprehensive+Analysis+of+the+Literature+on+the+%2522Traditional%2522+Monolithic+Approach+and+Micro+Services+Architecture_12423/>

**Scopus Link** https://www.scopus.com/sourceid/11600154151

8- “EFFECTIVE DIGITAL IMAGE WATER MARKING SYSTEM FOR COPYRIGHT PROTECTION “ Lakshman Ji , Alka Singh ,Ambrish Kumar Sharma ,Apoorva Joshi , C.S Yadav NeuroQuantology| | NeuroQuantology| | NOVEMBER 2022 | VOLUME 20 | ISSUE 15 | PAGE 7700-7708| **ISSN:1303-5150** Lakshman Ji et al/ EFFECTIVE DIGITAL IMAGE WATER MARKING SYSTEM FOR COPYRIGHT PROTECTION DOI Number: 10.14704/NQ.2022.20.15.NQ88761 ,NeuroQuantology2022;20(15): 7700-7708

URL (<https://www.neuroquantology.com/article.php?id=13042>)

<https://www.neuroquantology.com/open-access/EFFECTIVE+DIGITAL+IMAGE+WATER+MARKING+SYSTEM+FOR+COPYRIGHT+PROTECTION_12424/>

**Scopus Link** https://www.scopus.com/sourceid/11600154151

# INTERESTS AND HOBBIES

*Have an inclination on Traveling and like to make friends, listening to music and Reading*

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

# *Date:*

***Place: GREATER NOIDA (Dr Lakshman ji)***