

Certificate of Publication



INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR) | IJRAR.ORG

An International Open Access, Peer-reviewed, Refereed Journal

E-ISSN: 2348-1269, P-ISSN: 2349-5138

The Board of

International Journal of Research and Analytical Reviews (IJRAR)

Is hereby awarding this certificate to

D.Bhuvaneshwar

In recognition of the publication of the paper entitled

Predictive Maintenance in Manufacturing: A Machine Learning Approach for Failure Prediction and Classification

Published In IJRAR (www.ijrar.org) UGC Approved (Journal No : 43602) & 7.17 Impact Factor

Volume 12 Issue 1 March 2025, Date of Publication: 07-March-2025



R.B.Joshi

EDITOR IN CHIEF

PAPER ID : IJRAR25A2693
Registration ID : 307680

UGC and ISSN Approved - Scholarly open access journals, Peer-reviewed, and Refereed Journals, Impact factor 7.17 (Calculate by google scholar and Semantic Scholar | AI-Powered Research Tool) , Multidisciplinary, Monthly Journal

INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS | IJRAR

An International Scholarly, Open Access, Multi-disciplinary, Indexed Journal

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IJRAR | E-ISSN: 2348-1269, P-ISSN: 2349-5138

IBM SkillsBuild Completion Certificate



This certificate is presented to
**Bhuvaneshwar
Dhayalan**

for the completion of

Build Your First Chatbot

(MDL-510)

According to the Moodle system of record

**Completion
date:**

09 Jul 2025
(GMT)

Learning hours: 1 hr



COURSE COMPLETION CERTIFICATE

The certificate is awarded to

Bhuvaneswar D

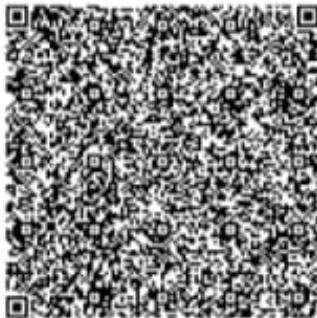
for successfully completing the course

Object Oriented Programming using Python

on September 24, 2024

Infosys | Springboard

Congratulations! You make us proud!



Issued on: Tuesday, September 24, 2024

To verify, scan the QR code at <https://verify.orwingspan.com>.

Thirumala Arohi
Executive Vice President and Global Head
Education, Training & Assessment (ETA)
Infosys Limited

IBM SkillsBuild Completion Certificate



This certificate is presented to
**Bhuvaneshwar
Dhayalan**

for the completion of

Edunet- Front End Web Development

(PLAN-741582ED6C44)

According to the Your Learning Builder - Plans system of
record

**Completion
date:** 09 Mar 2025
(GMT)

IBM SkillsBuild Completion Certificate



This certificate is presented to
**Bhuvaneshwar
Dhayalan**

for the completion of

Introduction to HTML and CSS

(MDL-263)

According to the Moodle system of record

**Completion
date:**

09 Mar 2025
(GMT)

Learning hours: 2 hrs



COURSE COMPLETION CERTIFICATE

The certificate is awarded to

Bhuvaneswar D

for successfully completing the course

Introduction to Agile methodology

on October 2, 2024

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Congratulations! You make us proud!



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To verify, scan the QR code at <https://verify.learningspan.com>.

Thirumala Arohi
Executive Vice President and Global Head
Education, Training & Assessment (ETA)
Infosys Limited



COURSE COMPLETION CERTIFICATE

The certificate is awarded to

Bhuvaneswar D

for successfully completing the course

Basics of Python

on October 2, 2024

Infosys | Springboard

Congratulations! You make us proud!



Issued on: Wednesday, October 2, 2024

To verify, scan the QR code at <https://verify.onwingspan.com>


Thirumala Arohi
Executive Vice President and Global Head
Education, Training & Assessment (ETA)
Infosys Limited

CERTIFICATE OF Completion



This is to certify that Mr. / Ms. Bhuvaneshwar D has successfully completed the Microsoft Advance Excel Certification.

Er. Karan Arora
Er. Karan Arora



24 February 2024
Date

Certificate ID: #00035455

Certificate URL: <https://itronixsolutions.com/courses/certificate/a4197f64f1>



SEETHALAKSHMI RAMASWAMI COLLEGE

(AUTONOMOUS)

Affiliated to Bharathidasan University
Tiruchirappalli

Accredited with A+ by NAAC (4 Cycle)



CERTIFICATE



This is to certify that **Mr. D. Bhuvaneshwar**, II B. Sc., Computer Science, Jeppiaar College of Arts and Science, Tamil Nadu has delivered an **Oral Presentation** titled **Leaf Curl disease detection** at the **International Virtual - Conference on "Exploring the Frontiers of Life Sciences: Interdisciplinary Perspectives (EFLS'24)"**, organized by the **Department of Botany** on 23rd December 2024.

Dr. M. Hemalatha
Organizing Secretary

Dr. P. Kamaladevi
Head of the Department

Dr. M. V. Alli
Principal

CERTIFICATE OF Completion



This is to certify that Mr. / Ms. Bhuvaneshwar D has successfully completed the C & C++ Programming Language Certification.

Er. Karan Arora
Er. Karan Arora



24 February 2024
Date

Certificate ID: #00035456

Certificate URL: <https://itronixsolutions.com/courses/certificate/d5369cd506>



SRI MALOLAN COLLEGE OF ARTS AND SCIENCE

Accredited with B+ Grade by NAAC

(Affiliated to University of Madras)

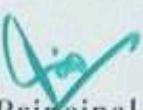
Madurantakam, Chengalpattu Dist, Tamil Nadu-603306, India.

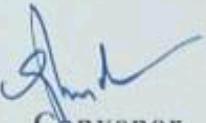


CERTIFICATE

This is to certify that Dr./ Mr./ Ms. BHUVANESHWAR . D

of Jeppiaar College of Arts and Science, Padur, Chennai
has participated / presented a paper entitled Analyzing Stellar Distance and
Size Using Hubble's Law and the Luminosity-Distance Relationship
at the "International Conference on Mathematical Modeling and Computational Innovations
(ICMMCI – 2025)" organized by the Department of Mathematics, Computer Science and
Computer Applications held on 21st and 22nd February, 2025.


Principal


Convenor



GOVERNMENT ARTS COLLEGE (AUTONOMOUS)

329, Anna Salai, Nandanam, Chennai-600035

(Affiliated to University of Madras and Accredited with NAAC)

TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
SPONSORED

NATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND EDUCATION: SHAPING THE FUTURE OF SOCIETY

AIESFS-2025

CERTIFICATE

This is to certify that Mr/Mrs/Ms/Dr D.BHUVANESHWAR

Jepiaar College of Arts and Science
has participated /presented a paper titled Vision Transformer Vs CNN in
Tuberculosis Detection: A Comparative study of Learning Paradigms
National Conference organised by the PG & Research Department of
Computer Science on 26 & 27 February 2025

16/02/2024
Convener



R. Srinivasan
Principal



International Tamil Information Technology Research Conference
தமிழ் தலை அங்கீரு மன்றச் சந்திரண

CERTIFICATE OF PARTICIPATION

This certifies that

BHUVANESHWAR.D

has actively participated in the
2nd ANNUAL

INTERNATIONAL TAMIL INFORMATION TECHNOLOGY RESEARCH CONFERENCE

28 - 29 June 2024 @ Chennai Trade Centre

Supported by

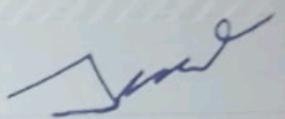


TIDEL



Organiser




J. Selvakumar - President
World Tamil Chamber of Commerce



Jigyasa



CSIR-CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE,
(COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH) KARAIKUDI, TAMILNADU

Jigyasa Programme

"AI BASED ACTIVITIES" FOR SCHOOL & COLLEGE STUDENTS

This is to certify that D. BHUVANESHWAR

of JEPPIAAR COLLEGE OF ARTS AND SCIENCE, CHENNAI has won **SECOND** Prize in

Mini Project on "AI Based activities" for college students

held at CSIR – Central Electrochemical Research Institute, Karaikudi on

29/08/2023.

Dr. S. Angappan
Nodal - Jigyasa

R
Dr. K. Ramesha
Director



Dwaraka Doss Goverdhan Doss Vaishnav College [Autonomous]

Accredited with A++ Grade by NAAC [3rd Cycle]

Affiliated to University of Madras

Linguistic Minority Institution

Arumbakkam, Chennai- 600 106

7th International Confluence
on

Edge Tech Horizon
Transforming IT, Business and Beyond (Hybrid Mode)
22nd & 23rd in Collaboration with
MARCH 2024 MULTIMEDIA UNIVERSITY,
MALAYSIA

SCHOOL OF MANAGEMENT

PG & DOCTORAL RESEARCH

Approved by AICTE &

Accredited by NBA



Certificate of Recognition

This is to certify that Mr. / Ms. / Dr.

BHUVANESHWAR D

STUDENT

of DEPARTMENT OF COMPUTER SCIENCE & APPLICATION

JEPPIAR COLLEGE OF ARTS & SCIENCE

has participated & presented a Research article on

DIGITAL MEDIA MARKETING METHOD USING NEUTRAL NETWORK SYSTEM

in the two days

International Confluence on Edge Tech Horizon - Transforming IT, Business and Beyond (Hybrid Mode)

on 22nd and 23rd March 2024, held at School of Management, DDGD Vaishnav College, Chennai.

Dr. U Amaleshwari
Director- School of Management.
DDGD Vaishnav College

Dr. S. Santhosh Baboo
Principal
DDGD Vaishnav College

Dr. Ashok Kumar Mundhra
Secretary
DDGD Vaishnav College



Jigyasa



CSIR-CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE,
(COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH) KARAIKUDI, TAMILNADU
Jigyaasa Programme

"AI BASED ACTIVITIES" FOR SCHOOL & COLLEGE STUDENTS

This is to certify that that D. BHUVANESHWAR

of JEPPIAAR COLLEGE OF ARTS AND SCIENCE, CHENNAI of has participated
in "AI Based activities" for school and college students

held at CSIR – Central Electrochemical Research Institute, Karaikudi on

30/08/2023.

Dr. S. Angappan
Nodal - Jigyaasa

R
Dr. K. Ramesha
Director



DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE
(AUTONOMOUS)

College with potential for excellence, Affiliated to the University of Madras, Linguistic Minority
Institution, Re-accredited by NAAC with A+ Grade.
R.R.J.J, E.V.R Periyar High Road, Arumbakkam, Chennai - 600 306



SCHOOL OF MANAGEMENT

PG & RESEARCH

(APPROVED BY AICTE & ACCREDITED BY NBA)



CERTIFICATE
OF RECOGNITION

CONFLUENCE 2025

8TH INTERNATIONAL CONFERENCE

This is to certify Mr./Ms./Dr. D. BHUVANESWAR of

JEPPIAAR COLLEGE OF ARTS & SCIENCE, College has Participated &

Presented a Research article on MACHINE LEARNING APPLICATIONS IN ONLINE MARKETING:
CHALLENGES & OPPORTUNITIES in the two days of 8th International

Conference on A Gen AI Revolution "The Future of Business" - Revolutionizing Hr, Finance, Supply
Chain, Marketing and beyond (Hybrid Mode) held at **School of Management,**
D.D.G.D Vaishnav College, Chennai on 27th & 28th February 2025.

DR. U. AMALESWARI
DIRECTOR

CAPT. DR. S. SANTHOSH BABOO
PRINCIPAL

SHRI ASHOK KUMAR MUNDHRA
SECRETARY



JEPPIAAR

COLLEGE OF ARTS AND SCIENCE



JAS RESEARCH PARK

in association with

DEPARTMENT OF COMMERCE



CERTIFICATE OF APPRECIATION



This is to Certify that

Bhuvaneshwar D (BSC Cs -IIyr)

Student of Jeppiaar College of Arts & Science

has presented a Paper Titled

AI in Sharemarket

in the National Seminar on Fintech & Technological Innovation organized by JAS Research Park & Department of Commerce of Jeppiaar College of Arts & Science, Padur, Chennai held on **26-28 February 2025**

Dr. Jayaselvi S
President
JAS Research Park

Dr. Jaya G
Head
Department of Commerce

Dr. Lavanya L
Principal



JEPPIAAR

COLLEGE OF ARTS AND SCIENCE



JAS RESEARCH PARK

in association with

DEPARTMENT OF COMMERCE



CERTIFICATE OF APPRECIATION



This is to Certify that

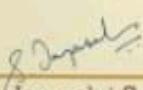
Bhuvaneshwar D (BSC Cs -IIyr)

Student of Jeppiaar College of Arts & Science

has presented a Paper Titled

AI-Powered Fisheries Management System,

in the National Seminar on Fintech & Technological Innovation organized by
JAS Research Park & Department of Commerce of Jeppiaar College of Arts &
Science, Padur, Chennai held on **26-28 February 2025**


Dr.Jayaselvi S
President
JAS Research Park


Dr.Jaya G
Head
Department of Commerce


Dr.Lavanya L
Principal



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BHUVANESHWAR D

for successfully completing the course

Python for Data Science

with a consolidated score of **62** %

Online Assignments	23.33/25	Proctored Exam	38.27/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **11953**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Feb 2024

(4 week course)


Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras

Roll No: NPTEL24CS54S644102936

To verify the certificate



No. of credits recommended: 1 or 2





Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BHUVANESHWAR D

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **60** %

Online Assignments	24.44/25	Proctored Exam	35.56/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **16145**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Oct 2023

(12 week course)


Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras

Roll No: NPTEL23CS108S43352116

To verify the certificate



No. of credits recommended: 3 or 4





Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
BHUVANESHWAR D
for successfully completing the course
Programming in Java



with a consolidated score of **60** %

Online Assignments	23.94/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **15570**

Jul-Oct 2024
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No: NPTEL24CS105S552506383

To verify the certificate



No. of credits recommended: 3 or 4





Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BHUVANESHWAR D
for successfully completing the course



Introduction to Machine Learning

with a consolidated score of **62** %

Online Assignments	22.28/25	Proctored Exam	40.13/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **6009**

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jan-Apr 2025
(12 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras

Roll No: NPTEL25CS46S443209676

To verify the certificate



No. of credits recommended: 3 or 4





Ministry of
Education
Government of India



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



This is to certify that

Mr.Bhuvaneshwar D

of

Jeppiaar College of Arts & Science, Tamil Nadu

has undergone Innovation Ambassador (IA) training 'Foundation Level'
(Total 16 Sessions of 30 contact hours) conducted in online mode by MoE's
Innovation Cell & AICTE during the IIC calendar year **2024-25**

Dr. Abhay Jere
Chief Innovation Officer
MoE's Innovation Cell

Mr. Dipan Sahu
Assistant Innovation Director
MoE's Innovation Cell

Date: 19-12-2024

E-certificate No: IA/Foundation/1046865

IIC ID: IC262221332



E-CELL IIT-BOMBAY'S
**NATIONAL
ENTREPRENEURSHIP
CHALLENGE 2024**
WE RISE BY LIFTING OTHERS

CERTIFICATE OF APPRECIATION

Bhuvaneswar D

Team E-cell, IIT Bombay congratulates you and your team for participating in **NEC 2024 Basic Track**.

The National Entrepreneurship Challenge is a 6-month-long competition to develop entrepreneurship cell across the colleges of the nation.

Amey Patil
Overall Coordinator
The Entrepreneurship Cell
IIT Bombay

Rashmi Khetan
Overall Coordinator
The Entrepreneurship Cell
IIT Bombay



NT_B3BFS0045

Certificate of Completion

This is to certify that Mr. /Ms. **BHUVANESHWAR** has successfully completed the 30 Days MasterClass in **Full Stack Development** From May 01st to June 06th 2025 conducted by **NoviTech R&D Private Limited.**

Mr.S.Bharani Chandar
Software Developer
Novitech R&D Pvt.Ltd.,



Mr.A.Vinothkumar
Director
Novitech R&D Pvt.Ltd.



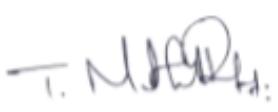
NoviTech
the innovation partner

NT_B26DAT0332



Certificate of Completion

This is to certify that Mr. /Ms.**BHUVANESHWAR D** has successfully completed the 30 Days MasterClass in **Data Analytics** From July 17th to August 22nd 2025 conducted by **NoviTech R&D Private Limited.**


Mr.T.Muthuvel Ramesh
AI Developer
Novitech R&D Pvt.Ltd.,




Mr.A.Vinothkumar
Director
Novitech R&D Pvt. Ltd,

Deloitte.

Bhuvaneshwar . D

Data Analytics Job Simulation

Certificate of Completion

June 2nd, 2025

Over the period of June 2025, Bhuvaneshwar . D has completed practical tasks in:

Data analysis
Forensic technology



Tina McCreery
Chief Human
Resources Officer,
Deloitte

Enrollment Verification Code RkMrccNBF4rPb5zqv | User Verification Code FYTdBTjoxkCuGWjeD | Issued by Forage



NME2324AUNM24106714318



**GOVERNMENT OF TAMILNADU
TAMILNADU SKILL DEVELOPMENT CORPORATION
NAAN MUDHALVAN SCHEME**



CERTIFICATE OF ACHIEVEMENT

This certificate has been awarded to

Mr/Miss **BHUVANESWAR D** Reg No unm1723222312065

Currently pursuing Arts & Science Degree from
JEPPIAAR COLLEGE OF ARTS AND SCIENCE, PADUR, CHENNAI 603 103

For the successful completion of **English Language Communication**

sponsored by Naan Mudhalvan Program,

Tamilnadu Skill Development Corporation and conducted by Cambridge.

During the course, the learner demonstrated initiative and commitment to advance in their career.

DATE OF ISSUE :- 15/02/2025

TRAINING PARTNER

This certificate is digitally signed by Naan Mudhalvan

MANAGING DIRECTOR
TAMIL NADU SKILL DEVELOPMENT
CORPORATION



NMO2425AUNM25746714318



Infosys
Springboard

**GOVERNMENT OF TAMILNADU
TAMILNADU SKILL DEVELOPMENT CORPORATION
NAAN MUDHALVAN SCHEME**



CERTIFICATE OF ACHIEVEMENT

This certificate has been awarded to

Mr/Miss **BHUVANESWAR D** Reg No **unm1723222312065**

Currently pursuing Arts & Science Degree from
JEPPIAAR COLLEGE OF ARTS AND SCIENCE, PADUR, CHENNAI 603 103

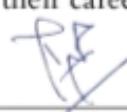
For the successful completion of **Foundation of Coding with Python**
sponsored by Naan Mudhalvan Program,

Tamilnadu Skill Development Corporation and conducted by Infosys Springboard.
During the course, the learner demonstrated initiative and commitment to advance in their career.

DATE OF ISSUE :- 04/04/2025

**Infosys
Springboard**
TRAINING PARTNER

This certificate is digitally signed by Naan Mudhalvan



MANAGING DIRECTOR
TAMIL NADU SKILL DEVELOPMENT
CORPORATION



NME2425AUNM28366714318



edunet
foundation

**GOVERNMENT OF TAMILNADU
TAMILNADU SKILL DEVELOPMENT CORPORATION
NAAN MUDHALVAN SCHEME**



CERTIFICATE OF ACHIEVEMENT

This certificate has been awarded to

Mr/Miss **BHUVANESWAR D** Reg No **unm1723222312065**

Currently pursuing Arts & Science Degree from
JEPPIAAR COLLEGE OF ARTS AND SCIENCE, PADUR, CHENNAI 603 103

For the successful completion of **Fundamentals of Web Development**

sponsored by Naan Mudhalvan Program,

Tamilnadu Skill Development Corporation and conducted by Edunet IBM Skillsbuild.
During the course, the learner demonstrated initiative and commitment to advance in their career.

DATE OF ISSUE :- 24/05/2025

This certificate is digitally signed by Naan Mudhalvan


TRAINING PARTNER


MANAGING DIRECTOR
TAMIL NADU SKILL DEVELOPMENT
CORPORATION