

# IGNITE 2023



## A DAILY NEWSLETTER

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## INTERNSHIP

## Certificate of Completion

**Akshaya S**

has successfully completed one month internship in Fundamental of Machine Learning with Python for Business & Data Analytics at YBI Foundation from 27th March'23 to 26th April'23.

Thursday, Apr 27 2023  
14364000002871615

YBI Foundation

[www.ybifoundation.org](http://www.ybifoundation.org) (+91) 966 798 7711 [support@ybifoundation.org](mailto:support@ybifoundation.org)



## Certificate of Completion

**Aarthi MS**

has successfully completed one month internship in Fundamental of Machine Learning with Python for Business & Data Analytics at YBI Foundation from 27th March'23 to 26th April'23.

Thursday, Apr 27 2023  
14364000002871636

YBI Foundation

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Akshaya S and Aarthi M S, II year students, Department of Electronics and Communication Engineering have completed a one month **Internship** in the **Fundamental of Machine Learning with Python for Business and Data Analytics** offered by YBI Foundations from 27<sup>th</sup> March to 26<sup>th</sup> April 2023.

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## INTERNSHIP

## Certificate of Completion

**Aarthi M**

has successfully completed one month internship in Fundamental of Machine Learning with Python for Business & Data Analytics at YBI Foundation from 27th March'23 to 26th April'23.

Thursday, Apr 27 2023  
14364000002871636

YBI Foundation

[www.ybifoundation.org](http://www.ybifoundation.org) (+91) 966 798 7711 [support@ybifoundation.org](mailto:support@ybifoundation.org)

## Certificate of Completion

**Gethsiyal A**

has successfully completed one month internship in Fundamental of Machine Learning with Python for Business & Data Analytics at YBI Foundation from 27th March'23 to 26th April'23.

Thursday, Apr 27 2023  
14364000002876442

YBI Foundation

[www.ybifoundation.org](http://www.ybifoundation.org) (+91) 966 798 7711 [support@ybifoundation.org](mailto:support@ybifoundation.org)

Aarthi M and Gethsiyal A, III year students, Department of Electronics and Communication Engineering have completed a one month **Internship** in the **Fundamental of Machine Learning with Python for Business and Data Analytics** offered by YBI Foundations from 27<sup>th</sup> March to 26<sup>th</sup> April 2023.

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## FACULTY ACHEIVEMENT



Mr. Dhanasakkaravarthi, Assistant Professor, Department of Mechanical Engineering has published a **Text Book** titled **Manufacturing Process** through the editorial board of Scientific International Publishing House (SIPH) with ISBN Number: 978-93-5757-215-6.

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## STUDENT - FACULTY ACHIEVEMENT



*Advanced Deepweb Crawler*

*Section A-Research paper*

### ADVANCED DEEPWEB CRAWLER



Dr. Ishwarya M. V<sup>1</sup>, Dr. J. Rajeswari<sup>2</sup>, S. Marlin<sup>3</sup>, Dr. Rakesh Sivalingam<sup>4</sup>, G. Umadevi Venkat<sup>5</sup>, Prinslin. L<sup>6</sup>, Abishek. K<sup>7</sup>, Akash. S<sup>8</sup>, Gibson. S<sup>9</sup>

**Article History:** Received: 12.12.2022

Revised: 29.01.2023

Accepted: 15.03.2023

#### Abstract

Web crawlers are computer programmes that browse the World Wide Web systematically, mechanically, or in an organised way. Crawling the web is an essential method for learning about and keeping up with the ever changing internet. Numerous online sites are updated often. This project presents an overview of web crawling, including onion routing and Tor network utilisation for both the surface and deep webs. This is done to monitor and preserve onion links and to keep up with the large deep web and to keep track of some illegal websites within it.

**Keywords:** Crawlers, TOR, Routing, Deepweb, Parallel Processing, analysis, research.



Abishek. K, Akash. S, Gibson. S, IV year students, Department of Computer Science and Engineering have published a paper on **Advanced Deep Web Crawler** under the guidance of Dr. Ishwarya M. V, Head, Department of Artificial Intelligence and Data Science in the Journal European Chemical Bulletin indexed by Scopus on 27<sup>th</sup> April 2023.

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## STUDENT - FACULTY ACHIEVEMENT



International Journal of Management, Technology And Engineering

ISSN NO : 2249-7455

### NEURAL SKY MASKING AND EXTRACTION USING CNN-RNN NETWORK

R Bhavitha<sup>1</sup>, G Dhanalakshmi<sup>2</sup>, A Bhuvaneshwaran<sup>3</sup>, DR M.V.Ishwarya<sup>4</sup>

<sup>1</sup>Student, B.E (CSE), Agni College of Technology, Chennai, Tamilnadu, India.

<sup>2</sup>Student, B.E (CSE), Agni College of Technology, Chennai, Tamilnadu, India.

<sup>3</sup>Student, B.E (CSE), Agni College of Technology, Chennai, Tamilnadu, India.

<sup>4</sup>Head, Artificial Intelligence and Data Science, Agni College of Technology, Chennai, Tamilnadu, India.

#### Abstract

This project aims to develop a method, a technique for eliminating cloud cover from satellite imagery and producing high-quality images with clear visibility is being developed. Satellite imagery is an important data source for various applications such as weather forecasting, land-use planning, disaster management, and environmental monitoring. However, cloud cover can significantly reduce the quality and usefulness of satellite images. In the project, We suggest and approach a deep learning-based strategy that utilizes a combinational model of convolutional neural network (CNN) with recurrent neural network (RNN) to automatically remove cloud cover from satellite images to understand the fundamental patterns and structures of clouds in the images, the suggested approach will be trained on an extensive dataset of satellite images, including those with and without cloud cover. Effectiveness of the proposed method will be evaluated using various quantitative and qualitative metrics. The successful implementation of this project will provide a useful tool for improving the quality of satellite imagery and enhancing the accuracy of various applications that rely on it.

**Keywords:** Convolution Neural Network(CNN), Recurrent Neural Network(RNN), Satellite images



A. Bhuvaneshwaran, R. Bhavitha, G and Dhanalakshmi, IV year students, Department of Computer Science and Engineering have published a paper on **Neural Sky Masking and Extraction Using CNN-RNN Network** under the Guidance Of Dr. Ishwarya M. V in the International Journal of Management, Technology and Engineering, an UGC Indexed Journal, Volume XIII, Issue IV, APRIL 2023 on 27<sup>th</sup> April 2023.

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## FACULTY ACHIEVEMENT



**Five Days Faculty Development Program**

on

**Teaching & Learning Advancements in Science & Engineering**

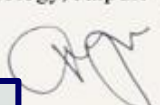
**(TLASE-2023)**

*Certificate of Participation*



**Ref. No.**

This is certify that Dr./ Mr./ Mrs/ Ms. S.shimona of Agni College of Technology has participated in the five days Faculty Development Program on "Teaching & Learning Advancements in Science & Engineering" held from 24th - 28th April 2023 at Regional College for Education Research & Technology, Jaipur.

  
 Dr. K. N. Bairwa  
 Coordinator, RCERT

  
 Dr. Anshu Surana  
 Vice Chairman, Deepshikha Group

  
 Dr. Pramod Sharma  
 Principal, RCERT



Ms. S. Shimona, Assistant Professor, Department of Computer Science and Engineering has completed a 5 day FDP on Teaching and Learning advancement in Science and Engineering organized by Regional college for Education Research and Technology, Jaipur from 24th to 28<sup>th</sup> April 2023.

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### STUDENT PARTICIPATION



Sharan Shriram. V, Mohammed Ameer, Jeyasurya. S and Prabhu. V, II year students, Department of Artificial Intelligence and Data Science have participated in the **Poster Designing** event in the Global Conquer organized by Jeppiaar Institute of Science and Technology, Chennai on 28<sup>th</sup> April 2023.

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## AN EYE OPEN SESSION



Dr. P. Purushothaman, Assistant Professor and Head, Department of Mechanical Engineering has explained the structure of R2021 to the II year students on 27<sup>th</sup> April 2023 in order to make the students to understand the R2021 thoroughly.

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