



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Number of workshops/seminars/Conference including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

2023-2024

| S.NO | NAME OF THE WORKSHOP/ SEMINAR/ CONFERENCE/GUEST LECTURE/ INDUSTRIAL VISIT/WEBINAR | YEAR OF THE ACTIVITY | DATE | NUMBER OF PARTICIPANTS |
|------|---|----------------------|------------|------------------------|
| 1 | Research on App Development | 2023-24 | 12.09.2023 | 76 |
| 2 | Research on Practical oriented approach in the installation of Data Science. | 2023-24 | 20.09.2023 | 37 |
| 3 | Research on App Development | 2023-24 | 11.10.2023 | 76 |
| 4 | Research on Redhat Cloud services. | 2023-24 | 17.10.2023 | 76 |

2022-2023

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|------|---|----------------------|------------|------------------------|
| 1 | Research on App Development. | 2022-23 | 17.08.2022 | 76 |
| 2 | Research on Problem Solving on Theory of Computation | 2022-23 | 18.08.2022 | 66 |
| 3 | Research on Network Security. | 2022-23 | 14.09.2022 | 76 |
| 4 | Research on Data Science | 2022-23 | 15.09.2022 | 66 |
| 5 | Research on Roadmap to career oriented approach . | 2022-23 | 21.02.2023 | 113 |
| 6 | Research on basics of networking | 2022-23 | 14.03.2023 | 103 |



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| 7 | Research on Problem Solving on Theory of Computation | 2022-23 | 28.04.2023 | 104 |
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2021-2022

| S.NO | NAME OF THE WORKSHOP/ SEMINAR/ CONFERENCE/GUEST LECTURE/ INDUSTRIAL VISIT/WEBINAR | YEAR OF THE ACTIVITY | DATE | NUMBER OF PARTICIPANTS |
|------|---|----------------------|-------------|------------------------|
| 1 | Role of network Design in Supply Chain Management | 2021-22 | 24.08.2021 | 13 |
| 2 | Research on Mobile Telecommunication Systems | 2021-22 | 07.09.2021 | 13 |
| 3 | Research on Cloud Computing | 2021-22 | 09.09.2021 | 10 |
| 4 | 1. Python Libraries For Data Wrangling | 2021-22 | 30.09.2021 | 16 |
| 5 | Research on Cyber Security | 2021-22 | 15.10.2021 | 10 |
| 6 | 1. Research on Object Oriented Programming | 2021-22 | 12.10.2021 | 16 |
| 7 | Research on Network Security | 2021-22 | 13.10.2021 | 10 |
| 8 | Research on Web Technology | 2021-22 | 04.11.2021 | 13 |
| 9 | Research on Design, implement, and analyze efficient tree structures | 2021-22 | 17.11. 2021 | 16 |
| 10 | Research on Networking | 2021-22 | 18.10.2021 | 13 |
| 11 | Research on Recent Technology Stacks-Full Stack Web and Mobile Development | 2021-22 | 07.02.2022 | 10 |
| 12 | Research on Core Java | 2021-22 | 11.02.2022 | 10 |
| 13 | Research on Hands-on Training for Arduino for IOT Applications | 2021-22 | 14.02.2022 | 10 |
| 14 | Research on Computational Intelligence in Wireless Sensor Networks | 2021-22 | 27.02.2022 | 26 |
| 15 | Research on Data Mining in Search Engine Analytics | 2021-22 | 15.03.2022 | 13 |



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| 16 | Research on Artificial Intelligence | 2021-22 | 28.03.2022 | 13 |
| 17 | Research on Java Programming | 2021-22 | 29.03.2022 | 13 |
| 18 | Research on Research on Introduction to NO SQL Databases | 2021-22 | 20.04.2022 | 16 |
| 19 | Research on Computer Forensics | 2021-22 | 02.05.2022 | 23 |
| 20 | Research on Networking | 2021-22 | 10.05.2022 | 16 |

2020-2021

| S.NO | NAME OF THE WORKSHOP/ SEMINAR/ CONFERENCE/GUEST LECTURE/ INDUSTRIAL VISIT/WEBINAR | YEAR OF THE ACTIVITY | DATE | NUMBER OF PARTICIPANTS |
|------|---|----------------------|------------|------------------------|
| 1 | Research on Artificial Intelligence 06.01.2021 - 13 students | 2020-21 | 06.01.2021 | 13 |
| 2 | Research on Machine Learning 11.01.2021 - 10 students | 2020-21 | 11.01.2021 | 10 |
| 3 | Research on Block chain Technology development 20.01.2021 -15 students | 2020-21 | 20.01.2021 | 15 |
| 4 | 1. Software solutions for card Management 08.02.2021 - 13 students | 2020-21 | 08.02.2021 | 13 |
| 5 | Research on Machine Learning 15.02.2021- 10 students | 2020-21 | 15.02.2021 | 10 |
| 6 | Research on Mobile App development 22.02.2021 -15 students | 2020-21 | 22.02.2021 | 15 |
| 7 | Research on Mobile App Development | 2020-21 | 19.03.2021 | 10 |
| 8 | Research on Data Science | 2020-21 | 26.03.2021 | 15 |
| 9 | .Research on Data base Architecture | 2020-21 | 11.03.2021 | 10 |
| 10 | Research on Supervised and Unsupervised Learning | 2020-21 | 05.03.2021 | 13 |



2019-2020

| S.NO | NAME OF THE WORKSHOP/ SEMINAR/ CONFERENCE/GUEST LECTURE/ INDUSTRIAL VISIT/WEBINAR | YEAR OF THE ACTIVITY | DATE | NUMBER OF PARTICIPANTS |
|------|---|----------------------|------------|------------------------|
| 1 | To Understand Current Market Scenarios | 2019-20 | 01.08.2019 | 53 |
| 2 | Cyber Security | 2019-20 | 12.08.2019 | 15 |
| 3 | Basics of Networking | 2019-20 | 29.08.2019 | 15 |
| 4 | Android Technology | 2019-20 | 02.09.2019 | 15 |
| 5 | Facility Layout Design through Genetic Algorithm | 2019-20 | 02.09.2019 | 10 |
| 6 | Cloud Computing | 2019-20 | 16.09.2019 | 10 |
| 7 | Embedded systems | 2019-20 | 30.09.2019 | 10 |
| 8 | Ethical Hacking | 2019-20 | 01.10.2019 | 31 |
| 9 | Design of Turing Machines | 2019-20 | 04.10.2019 | 15 |
| 10 | Mobile Application Development | 2019-20 | 14.10.2019 | 14 |
| 11 | IOT | 2019-20 | 28.10.2019 | 15 |
| 12 | Machine Learning | 2019-20 | 03.02.2020 | 15 |
| 13 | Artificial Intelligence | 2019-20 | 10.02.2020 | 10 |
| 14 | Data Science | 2019-20 | 17.02.2020 | 14 |
| 15 | Research on Deep Learning | 2019-20 | 11.08.2020 | 15 |
| 16 | Role of Recent Android version | 2019-20 | 11.09.2020 | 10 |
| 17 | Research on Cloud Essentials | 2019-20 | 13.10.2020 | 15 |
| 18 | Research on Data Mining- Unsupervised Learning | 2019-20 | 18.11.2020 | 10 |



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| 19 | Research on Industry 4.0 | 2019-20 | 26.11.2020 | 13 |
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2018-2019

| S.NO | NAME OF THE WORKSHOP/ SEMINAR/ CONFERENCE/GUEST LECTURE/ INDUSTRIAL VISIT/WEBINAR | YEAR OF THE ACTIVITY | DATE | NUMBER OF PARTICIPANTS |
|------|---|----------------------------|------------|---------------------------|
| 1 | Mastering Job Interviews | 2018-19 | 10.07.2018 | 15 |
| 2 | Augmented Reality / Virtual Reality | 2018-19 | 18.07.2018 | 15 |
| 3 | Importance of Data Science and Engineering | 2018-19 | 26.07.2018 | 19 |
| 4 | Better Technical Knowledge Enhancement of Students | 2018-19 | 25.07.2018 | 15 |
| 5 | Area of High Performance Computing | 2018-19 | 02.08.2018 | 15 |
| 6 | Analysis of Algorithm | 2018-19 | 09.08.2018 | 15 |
| 7 | Real Time IoT – Industry Oriented Approach | 2018-19 | 14.08.2018 | 30 |
| 8 | Data Science | 2018-19 | 16.08.2018 | 35 |
| 9 | Computational Intelligence in Wireless Sensor Network | 2018-19 | 25.08.2018 | 53 |
| 10 | Block Chain Technology | 2018-19 | 02.01.2019 | 15 |
| 11 | Big Data Analytics & Hadoop | 2018-19 | 04.01.2019 | 15 |
| 12 | Basics of Networking | 2018-19 | 04.02.2019 | 53 |
| 13 | Influence of AI in 5G Network | 2018-19 | 06.02.2019 | 53 |
| 14 | Custom Software Development | 2018-19 | 13.02.2019 | 53 |
| 15 | Custom Software Development | 2018-19 | 18.02.2019 | 35 |
| 16 | Facility Layout Design through Genetic Algorithm | 2018-19 | 01.03.2019 | 42 |
| 17 | Ethical Hacking | 2018-19 | 11.03.2019 | 35 |



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| 18 | Cloud computing | 2018-19 | 20.03.2019 | 63 |
| 19 | Data Analysis Using "R" | 2018-19 | 01.04.2019 & 02.04.2019 | 53 |

2017-2018

| S.NO | NAME OF THE WORKSHOP/ SEMINAR/ CONFERENCE/GUEST LECTURE/ INDUSTRIAL VISIT/WEBINAR | YEAR OF THE ACTIVITY | DATE | NUMBER OF PARTICIPANTS |
|------|---|----------------------------|------------|---------------------------|
| 1 | Research on Ethical Hacking | 2017-18 | 01.03.2018 | 15 |
| 2 | Microsoft Dynamics ERP | 2017-18 | 06.09.2017 | 15 |
| 3 | Introduction to Python - Guest lecture | 2017-18 | 14.09.2017 | 15 |
| 4 | Red Hat Linux - Workshop | 2017-18 | 28.09.2017 | 30 |
| 5 | Microsoft Dynamics ERP | 2017-18 | 17.10.2017 | 15 |
| 6 | Data Science and Big Data Analytics | 2017-18 | 26.10.2017 | 30 |
| 7 | Data Warehousing and data Mining | 2017-18 | 06.11.2017 | 15 |
| 8 | Hands on Workshop on Python, MYSQL and IOT | 2017-18 | 13.11.2017 | 15 |
| 9 | Core Java | 2017-18 | 08.12.2017 | 30 |
| 10 | Research on Mobile Application Development | 2017-18 | 25.01.2018 | 30 |
| 11 | Research on Cloud Computing | 2017-18 | 20.01.2018 | 15 |
| 12 | Recent trends in Supply chain Management | 2017-18 | 27.02.2018 | 30 |
| 13 | Research on Challenges in Cyber Security | 2017-18 | 07.03.2018 | 35 |
| 14 | Research on Dot Net Programming | 2017-18 | 12.03.2018 | 15 |
| 15 | Networking | 2017-18 | 30.03.2018 | 15 |
| 16 | Research on Research on Block Chaining Techniques | 2017-18 | 06.04.2018 | 15 |
| 17 | Research on Android with IOT | 2017-18 | 09.04.2018 | 15 |
| 18 | Research on Data Science using Python | 2017-18 | 24.04.2018 | 15 |



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ENGINEERING COLLEGE

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|-----------|---|----------------|--------------------|-----------|
| 19 | Augmented Reality / Virtual Reality - Guest lecture | 2017-18 | 18.07. 2018 | 15 |
| 20 | Importance of Data Science and Engineering - Guest Lecture | 2017-18 | 26.07. 2018 | 35 |