*Shri Shivaji Education Society Amravati’s*

**Science College, Congress Nagar, Nagpur**

*Internal Quality Assurance Cell*

DEPARTMENT OF **COMPUTER SCIENCE**

***INTERNAL ACADEMIC AUDIT***

**2022-2023**

1. A. Faculty Strength:

|  |  |  |  |
| --- | --- | --- | --- |
| Faculty | Recruited | Vacant | Remarks |
| Regular (B.Sc.) | 05+01 | 01 | NIL |
| Regular (BCA) | 02 | 19 | NIL |
| Regular (M.Sc.) | 01 | 04 | NIL |
| Regular (MCA) | 02 | 02 | NIL |
| CHB | 04 | 00 | NIL |
| Adhoc (BCA) | 08 | NIL | NIL |
| Adhoc (M.Sc.) | 03 | NIL | NIL |
| Adhoc (MCA) | 02 | NIL | NIL |
| Non-teaching | 06 | NIL | NIL |

B. Faculty profile

B.Sc. Programme

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Highest Qualification | Designation | Specialization | Teaching Experience |
| Prof. M. P. Dhore | Ph.D. | Principal and Professor | Pattern Recognition | 26 |
| Prof. S.R. Pande | Ph.D. | Professor and Head | Soft Computing | 32 |
| Prof. R.N. Jugele | Ph.D. | Professor | Multimedia, Programming Language & Cloud Computing | 27 |
| Dr. A.A.Halder | Ph.D., NET | Assistant Professor | Pattern Recognition | 11 |
| Dr. J. K. Keche | Ph.D. | Assistant Professor | Pattern Recognition | 04 |
| Dr. S. R. Gedam | Ph.D. | Assistant Professor | Data Mining | 04 |

BCA Programme

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Highest Qualification | Designation | Specialization | Teaching Experience |
| Dr. V. C. Pande | Ph.D. | Assistant Professor | Data Mining | 04 |
| Ms. P. M. Dadhe | M. Sc. NET. | Assistant Professor | NLP | 04 |

M.Sc. Programme

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Highest Qualification | Designation | Specialization | Teaching Experience |
| Dr. M. T. Wanjari | Ph.D. | Assistant Professor | Pattern Recognition | 04 |

MCA Programme

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Highest Qualification | Designation | Specialization | Teaching Experience |
| Mr. A. M. Bodkhe | MCA | Assistant Professor | Computer Application | 04 |
| Ms. Asfiya Sheikh | MCA | Assistant Professor | Computer Application | 04 |

1. Student’s strength

|  |  |  |
| --- | --- | --- |
| **Year** | **Group** | **Number of Students Admitted** |
| B.Sc. Semester I | PCSM | 55 |
| SCSM | 41 |
| ECSM | 32 |
|  |  |
| B.Sc. Semester III | PCSM | 55 |
| SCSM | 45 |
| ECSM | 33 |
|  |  |
| B.Sc. Semester V | PCSM | 52 |
| SCSM | 33 |
| ECSM | 31 |
|  |  |
| B.C.A. I |  | **115** |
| B.C.A. III |  | **106** |
| B.C.A. V |  | **107** |
| M.Sc.Semester I | Computer Science | **15** |
| M.Sc.Semester III | Computer Science | **31** |
| M.C.A. I |  | **30** |
| M.C.A. III |  | **31** |
| Ph.D |  | **10** |
| Value Added Program |  |  |
|  |  |  |

|  |  |
| --- | --- |
| P. G. STUDENT INDUCTION PROGRAMME | Yes, No |
| ACADEMIC PLANNINGS | Yes, No |
| BRIDGE COURSE TAUGHT | Yes, No |
| REMEDIAL COURSE TAUGHT | Yes, No |

3. Student Performance

1. Result Analysis (Winter 2022) UG & PG

|  |  |  |  |
| --- | --- | --- | --- |
| Programme Name | Number of students who appeared in the final year examination | Number of students who passed in final year examination | Pass Percentage |
| B.Sc.I | 106 | 57 | 53.77 |
| B.Sc. III | 124 | 88 | 70.96 |
| B.Sc. V | 130 | 108 | 83.07 |
| B.C.A.I | 113 | 81 | 70.43 |
| B.C.A. III | 109 | 81 | 74.30 |
| B.C.A. V | 110 | 78 | 70.90 |
| M.Sc. I | 38 | 18 | 46.15 |
| M.Sc. III | 42 | 20 | 47.61 |
| M.C.A. I | 32 | 23 | 65.71 |
| M.C.A. III | 35 | 29 | 83.00 |

1. Result Analysis (Summer 2023) UG & PG

|  |  |  |  |
| --- | --- | --- | --- |
| Programme Name | Number of students who appeared in the final year examination | Number of students who passed in final year examination | Pass Percentage |
| B.Sc.II | 99 | 60 | 60.60 |
| B.Sc. IV | 124 | 75 | 60.48 |
| B.Sc. VI | 130 | 108 | 83.00 |
| B.C.A.II | 110 | 65 | 59.10 |
| B.C.A. IV | 108 | 74 | 68.51 |
| B.C.A. VI | 111 | 74 | 66.66 |
| M.Sc. II | 38 | 26 | 68.42 |
| M.Sc. IV | 42 | 29 | 69.04 |
| M.C.A. II | 33 | 30 | 86.00 |
| M.C.A. IV | 35 | 35 | 100 |

1. Achievements
2. (Medals/Awards/Prizes at University level)

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Name of the Students | Class | Title |
|  |  |  |  |

Merit Position of UG Students in RTMNU (BCA)

|  |  |  |
| --- | --- | --- |
| Sr. No. | Name of the Students | Merit Position |
| 1 | Himdevi S. Thakre | 1st |
| 2 | Minakshi D. Shiwankar | 10th |

Merit Position of PG Students in RTMNU (M.Sc.)

|  |  |  |
| --- | --- | --- |
| Sr. No. | Name of the Students | Merit Position |
| 1 | Apurva A. Tiwari | 2nd |
| 2 | Vaishnavi S. Shivhare | 8th |
| 3 | Achal D. Ghagi | 10th |

Merit Position of PG Students in RTMNU (M.C.A.)

|  |  |  |
| --- | --- | --- |
| Sr. No. | Name of the Students | Merit Position |
| 1 | Swati H. Choudhari | 3rd |
| 2 | Bhushan N. Zalke | 4th |
| 3 | Ashwini A. Paradkar | 4th |
| 4 | Rashmi S. Wasnik | 5th |
| 5 | Pooja R. Tale | 5th |
| 6 | Neha R. Kalaskar | 7th |
| 7 | Vaibhavi P. Kale | 7th |
| 8 | Gayatri M. Bukkawar | 9th |

4. Student’s Progression:

|  |  |  |
| --- | --- | --- |
| No. of students enrolling in higher Education | Name of institution joined | Name of program admitted to |
| UG to PG |  |  |
| PG to Research |  |  |
| Placement |  |  |
| On-Campus |  |  |
| Off-Campus | 25 |  |

* 1. Students’ publication in Conferences/ Journals:

|  |  |  |  |
| --- | --- | --- | --- |
| Title of the Paper | Name of Author | Title of journal | Year of publication |
| Study of Classification problem using Random Forest | Priya Sharma,  Yachana Bisane | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2022-23 |
| Review on deep learning based firewall Management system | Aleena Azam Ansari,  Yashree Masurkar | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2022-23 |
| A Survey of Crime Rate Prediction | Ganesh Pandre,  Harshal Nehare | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2022-23 |
| A Review of Attendance Management System Using Face Recognition | Smita Khorgade,  Vishnavi Shivhare | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2022-23 |
| Tools and Techniques of Sentiments Analysis: A Review | Neha Yadav,  Ritika Ganvir | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2022-23 |
| Review of cursor movement using Hand Gesture | Praju Bhagat,  Prakash Patil | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2022-23 |
| A Review of License Plate Recognition Using SVM | Apurva Tiwari,  Achal Ghagi | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2022-23 |
| A Review : Facial Recognition using Machine Learning Algorithm | Kartik Borker,  Mayur Borate | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2022-23 |
| Content Based Image Retrieval: A Survey | Sanket Hadge,  Nikhil Mohurle | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2022-23 |
| Identifying Fake News using Machine and Deep Learning | Achal Kale,  Sparsh Gajbiye | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2022-23 |
| A Review on 3D Face Recognition System | Suraj Harode,  Swapnil Urkude | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2022-23 |
| REVIEW ON SIGNATURE VERIFICATION USING IMAGE PROCESSING | Trupti Padole,  Payal Atram | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2022-23 |

* 1. Students’ participation in Seminar/ Conferences:

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Name of Students | Conference type | Participation as |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

* 1. Students’ Extension Activity/ Extracurricular activity

|  |  |  |
| --- | --- | --- |
| Sr. No. | Name of the activity | The number of students who Participated |
|  |  |  |
|  |  |  |

* 1. Participation of Students in online/MOOCs courses/ NPTEL/ SWAYAM

|  |  |  |
| --- | --- | --- |
| Sr. No. | Name of the Students | MOOCs / NPTEL/ SWAYAM |
| 1 | Rutuja Kalbande | SWAYAM |
| 2 | Swati Choudhri | SWAYAM |
| 3 | Megha Mende | SWAYAM |
| 4 | Ashwini Surkar | SWAYAM |
| 5 | Divya Pawar | SWAYAM |
| 6 | Pooja Tale | SWAYAM |
| 7 | Rajsi Kingri | SWAYAM |
| 8 | Yashashree Langde | SWAYAM |
| 9 | Ankita Waghare | SWAYAM |
| 10 | Mrunali Gajbhiye | SWAYAM |

5. Faculty

1. Research Paper Publications
2. Total Number of publications:
3. International : 13
4. National : 46
5. Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sr. No. | Name of Author | Title of the Paper | Title of journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self-citation |
| 1 | Dr. M. T. Wanjari | A Review of Attendance Management System Using Face Recognition | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 2 | Dr. M. T. Wanjari | Industrial Automation and Inspection in Food and Agriculture | Special Issue of JIS (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 3 | Dr. M. T. Wanjari | A Review of License Plate Recognition Using SVM | Special Issue of JIS (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 4 | Dr. M. T. Wanjari | Filtering Technique in Image Denoising | Special Issue of JIS (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 5 | Dr. M. T. Wanjari | A Survey of Data Visualization Techniques for Big Data | Special Issue of JIS (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 6. | Dr. M. T. Wanjari | Transforming Social Data into Visual Insights: A Review of 3D Visualization Techniques | Special Issue of JIS (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 7 | Dr. M. T. Wanjari | A Comparative study of Big Data Analytics in Healthcare | Special Issue of JIS (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 8 | Dr. M. T. Wanjari | Identifying Fake News using Machine and Deep Learning | Special Issue of JIS (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 9 | Dr. M. T. Wanjari | Forest Fire Prediction using Data Science | Special Issue of JIS (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 10 | Amol A. Bodkhe | A Survey of Data Visualization Techniques for Big Data | Special Issue of JIS (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 11 | Anandi J. Mungole, | Transforming Social Data into Visual Insights: A Review of 3D Visualization Techniques | Special Issue of JIS (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 12 | Tejaswini S. Rewatkar | A Comparative study of Big Data Analytics in Healthcare | Special Issue of JIS (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 13 | Prajakta T. Lakhmapure | A Comparative study of Big Data Analytics in Healthcare | Special Issue of JIS (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 14 | Ms. Ashwini M. Rahangdale | Forest Fire Prediction using Data Science | Special Issue of JIS (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 15 | Ankita S. Chaudhari | Prediction using Data Science | Special Issue of JIS (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 16 | Dr. J. K. Keche | Implementing Filtering Technique in Image Denoising | Special Issue of JIS (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 17 | Dr. J. K. Keche | Human Facial Expression Recognition Techniques: A Study | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 18 | Dr. J. K. Keche | Comparative Analysis of Iris-Based Biometric Systems | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 19 | Dr. J. K. Keche | A Review : Facial Recognition using Machine Learning Algorithm | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 20 | Dr. J. K. Keche | Content Based Image Retrieval: A Survey | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 21 | Dr. J. K. Keche | A Review on 3D Face Recognition System | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 22 | Manisha Chawale | Review of big data analytics providing security in Healthcare | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 23 | Amruta J.Thakur | Ascept and Role:Cryptography in Cyber Security | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 24 | Prof.R.N.  Jugele | Ascept and Role:Cryptography in Cyber Security | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 | - | - | - |
| 25 | Prof.R.N.  Jugele | A Machine Learning Based Approach for twitter sentiment analysis on large dataset | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 26 | Prof.R.N.  Jugele | DDeep Learning Based  F Firewall Anomalies  PPrevention and DDetection System | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 27 | Prof.R.N.  Jugele | Cloud Service Selection to Minimize Response and Improves Throughput Time in Cloud Environment | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 28 | Ms.Asfiya  Sheikh | Deep Learning Based  Firewall Anomalies  Prevention and Detection System | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 29 | Ms.Puja M.Dadhe | A Machine Learning Based Approach for twitter sentiment analysis on large dataset | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 30 | Ms.Puja M.Dadhe | Tool and Techniques of sentiment Analysis on Large Dataset | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 31 | Ms.Puja M.Dadhe | Performance of routing protocol in Hybrid wireless Network including cluster head using text mining for Bussiness Analytics | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 32 | Ms.Puja M.Dadhe | Digtal Image processing and recognition using python | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 33 | Dr.Shilpa Gedam | Revealing and classification of Deepfakes video’s image using a customize Convolution Neural Network Model. | Procedia computer science 218(2023)2636-2652 | 2023 |  |  |  |
| 34 | Ms.Shrutika V.Lokhande | Digtal Image processing and recognition using python | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 35 | Ms.Anuradha  G.Gohad | Performance of routing protocol in Hybrid wireless Network including cluster head | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 36 | Dr. Varsha C. Pande | Summarization Techniques for Text Data: A Review | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 37 | Dr. Varsha C. Pande | REVIEW ON TEXT SUMMARIZATION WITH MACHINE LEARNING | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 38 | Dr. Varsha C. Pande | Digital Image processing and Recognition Using Python | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023s |  |  |  |
| 39 | Dr. A. A. Halder | A Review of Realtime Emotion Recognition Using CNN Deep Learning | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 40 | Dr. A. A. Halder | Comparative Analysis of Iris-Based Biometric Systems | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 41 | Dr. A. A. Halder | REVIEW ON SIGNATURE VERIFICATION USING IMAGE PROCESSING | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 42 | Dr. A. A. Halder | HUMAN FACIAL EXPRESSION RECOGNITION TECHNIQUES: A STUDY | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 43 | Dr. Subhash R. Pande | Design and implementation of hybrid cryptosystem using AES and DES | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 44 | Dr. Subhash R. Pande | Effort and Cost benefit analysis of cloud Data Warehouse over Traditional Data Warehouse | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 45 | Dr. Subhash R. Pande | Review on An Artificial Neural Network and Backpropagation Algorithm | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |
| 46 | Dr. Subhash R. Pande | Review on Recent Trends in Data Security Implemented via Combining Cryptography and Steganography | Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051 | 2023 |  |  |  |

1. Faculty participation in conferences/seminars/workshops and symposia:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sr.No | Name of the Faculty | Title of Conference/ Seminar/ workshop Attended | Period | Level International/ National/State /University /College | Whether Presented papers | Whether abstract /paper published  In Souvenir/Abstract Book |
| 1 | Mrs. Swati S. Khandalkar | International Conference on Recent Trends in Multidisciplinary Research  **(ICRTMR-2023)**  Paper Titled: Heart disease diagnosis based on machine learning algorithms: a review | 2022-2023 | National Conference | Yes | Yes |
| 2 | Ms. Ashwini M. Rahangdale | International Conference on Recent Trends in Multidisciplinary Research **(ICRTMR-2023)**  Paper Titled: Forest fire prediction using data science | 2022-2023 | National Conference | Yes | Yes |
| 3 | Ms. Mansi S.  Hingle | International Conference on Recent Trends in Multidisciplinary Research **(ICRTMR-2023)**  Paper Titled: Industrial automation and inspectionsin food and agriculture | 2022-2023 | National Conference | Yes | Yes |
| 4. | Mrs. Aarya A. Chandekar | International Conference on Recent Trends in Multidisciplinary Research **(ICRTMR-2023)**  Paper Titled: Industrial automation and inspectionsin food and agriculture  (NCRIICT-2023) | 2022-2023 | National Conference | Yes | Yes |
| 5 | Dr. Manish T. Wanjari | International Conference on Recent Trends in Multidisciplinary Research **(ICRTMR-2023)**  Paper Titled: Face Recognition using Feature Extraction Technique | 14-15/01/2023 | International  Conference | Yes | Yes |
| 6 | Dr. Manish T. Wanjari | 108th Indian Science Congress Association **(ISCA-2023)** (Including Computer Sciences)  Paper Titled: Image Denoising using Filtering Approach | 03-07/01/2023 | National Conference | Yes | Yes |
| 7 | Dr. J. K. Keches | International Conference on “Recent Trends in Multi-Disciplinary Research” (**ICRTMR-2023)**  Title of Paper:-Face Recognition using Feature Extraction Technique | 14-15 Jan, 2023 | International Conference | Yes | Yes |
| 8 | Amruta J.Thakur | International Conference on Recent Trends in Multi-Disciplinary Research (**ICRTMR-2023)**  Title of Paper:-  Cloud cryptography:  Countering Data Protection and Data Security in cloud | 14-15 Jan, 2023 | International Conference | Yes | Yes |
| 9 | Prof .R.N.  Jugele | International Conference on Recent Trends in Multi-Disciplinary Research (**ICRTMR-2023)**  Title of Paper:-  Cloud cryptography:  Countering Data Protection and Data Security in cloud | 14-15 Jan, 2023 | International Conference | Yes | Yes |
| 10 | Ms. Asfiya  Sheikh | International Conference on Recent Trends in Multi-Disciplinary Research (**ICRTMR-2023)**  Deep learning Powered Firewall Anomaly Management Environment using Convolution and Recurrent Neural Network. | 14-15 Jan, 2023 | International Conference | Yes | Yes |
| 11 | Ms.Puja M.Dadhe | International Conference on Recent Trends in Multi-Disciplinary Research (**ICRTMR-2023)**  Traffic Control system with green corridor for Emergency services | 14-15 Jan, 2023 | International Conference | Yes | Yes |
| 12 | Dr.Shilpa Gedam | International Conference on Recent Trends in Multi-Disciplinary Research (**ICRTMR-2023)**  Prediction of psychological problems among children using deep learning techniques. | 14-15 Jan, 2023 | International Conference | Yes | Yes |
| 13 | Ms.Anuradha  G.Gohad | International Conference on Recent Trends in Multi-Disciplinary Research (**ICRTMR-2023)**  Traffic Control system with green corridor for Emergency services | 14-15 Jan, 2023 | International Conference | Yes | Yes |

1. Awards to Faculty members

|  |  |  |  |
| --- | --- | --- | --- |
| Name of Teacher | Title of the Award | Title of Agency/ Conference | National / International |
|  |  |  |  |

1. Number of functional MoUs with institutions, other universities, industries, corporate houses, etc. during the year

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| The organization with which MoU is signed | Year of signing MoU | Duration | List the actual activities under each MOU year wise | Number of students/teachers who participated under MoUs |
|  |  |  |  |  |
|  |  |  |  |  |

1. Research funds sanctioned and received from various agencies, industries and other organizations

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Nature of the Project | Duration | Name of funding Agency | Amount Sanctioned | Amount Received |
|  |  |  |  |  |

1. Books Published

|  |  |  |  |
| --- | --- | --- | --- |
|  | Book | | Book Edited |
| Title | ISBN and Date | Chapter |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. Research Guidance by Faculty during the year

|  |  |  |  |
| --- | --- | --- | --- |
| Name of the guide | Ph.D | | |
| Awarded | Submitted | Registered |
| Prof. M.P. Dhore | -- | -- | 07 |
| Prof. S.R. Pande | -- | 02 | 01 |
| Prof. R.N. Jugele | -- | 03 | 04 |

1. Generation of funds through internal and external sources such as donations, consultancy,

self-financing courses and so on.

|  |  |  |
| --- | --- | --- |
| Name of the nongovernment funding agencies/ individuals/ self-financing courses /consultancy service. | Purpose of the Grant/Fund | Fund generated in rupees. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

11. Alumni Engagement

a. Contributes significantly to the development of the institution through financial and other supports.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12. Action Plan of the Department

1. To Conduct Placement Drive

2. To Conduct Workshop

3. To Conduct Seminar

4. To Conduct Guest Lecture

13. Best Practices of the department

* Encouraging students to take internship in various industries
* Student counseling both for personal and career guidance
* ICT based Teaching –Learning

14. SWOT Analysis

**Strength:**

1. Qualified & Competent staff.
2. Three Ph.D. supervisors.
3. Enthusiast and Encouraging Principal and Management.

4. Committed and obliging teaching & non teaching staff.

5. Well furnished Department with Six Air Conditioned Laboratories.

6. Secure environment for co-education.

7. Number of Groups are available with Computer Science as one of the subject at B.Sc. level and one three years full time BCA programme.

8. Two Post Graduate courses (M.Sc. and MCA).

9. Students managed Computer Science Subject Society

10. Identified Computer Science subject under CPE programme.

11. Parent Teachers interaction is encouraging and mentoring is practiced.

12. Internet and ICT facilities available.

13. Departmental Core library.

14. Recognition of the Department as a Research Laboratory.

**Weakness:**

1. Shortage of qualified faculty for PG courses.

2. Comparatively less employment opportunities for B.Sc. pass out students.

**Opportunity:**

1. ICT culture enhancement.

2. ICT training for masses.

**Challenges:**

1. Internship for PG students in Multi National Company’s.

2. Campus Placement at UG and PG level.



Date: 18-03-24 Head of the Department