



**Shri Shivaji Science & Arts College,
Chikhli**

Department of Computer Science
Academic/Co-Curricular Activities Report 2020-21

- **Students Participation in Departmental Activities:**

During the academic session 2020-21, Department of Computer Science has organized following Co-Curricular activities for the students.

- **Seminar:**

During this academic session, students of B.Sc. Part II, III and M.Sc. Part I, II delivered seminar on recent topics to fulfill internal activity of integral part of curricula laid down by SGBA University Amravati during all the semesters. The concern teachers gave their valuable guidance to the students in order to prepare their seminar topics. Online facility has been made available to all students during presentation of seminar. Dr. A. B. Kadam - HOD, Dr. M. E. Jadhav, Dr. S. S. Gaikwad guided the students.

- **Webinar on Cyber Security Program:**

During this academic session 2020-21, our department has been organized “**Webinar on Cyber Security**”, for students & researchers in the area of cyber security, dated on 09th July 2020 at Shri Shivaji Science & Arts College Chikhli Dist. Buldana.

It has been organised to focus the attention towards cyber security. Webinar will

helpful for further research interests for advances in computer science and IT among researchers in this area. We expect to explore the novel concepts and ideas in the field of Cyber security.

Dr. A. M. Garode, Principal, Shri Shivaji Science & Arts College Chikhli Dist. Buldana, was president for the webinar. Dr. Arjun V. Mane, Government Institute of Forensic Science, Nagpur, was the resource person for the webinar.

We have very huge response to this webinar, total 247 participants were attended out of that 230 from Maharashtra, 2 from AP, 2 from Karnatka, 1 from Kerla, 1 from Pondecherry, 9 from Tamilnadu, 1 from MP & 1 participant from Uttarakhand.

This program was successfully completed under the good coordination of Dr. A. B. Kadam Convener, Dr. M. E. Jadhav Coordinator, Dr. S. S. Gaikwad Technical Secretary with support of Mr. R. P. Bhatkar & Mr. Sachin Chavan.

- **Online Programming Quiz**

On the occasion of “**National Science Day**”, Department has been organized “**Online Programming Quiz**”, for computer science students dated on 01st March 2021 at Shri Shivaji Science & Arts College Chikhli Dist. Buldana.

Total 95 students has been actively participated in the **Online Programming Quiz**. Dr. A. M. Garode, Principal, Shri Shivaji Science & Arts College Chikhli Dist. Buldana & Dr. V. U. Pochhi, IQAC Coordinator, has been motivated us to organize online programming quiz.

This program was successfully completed under the coordination of Dr. A. B. Kadam Convener, Dr. M. E. Jadhav Co-Convener, Dr. S. S. Gaikwad Co-Convener with support of Mr. R. P. Bhatkar & Mr. Sachin Chavan.

- **National Level Workshop On Cryptocurrency:**

During this academic session 2020-21, our department has been organized **National Level Workshop on “Cryptocurrency”**, for students & researchers in the area of Cryptocurrency & Cryptography, **dated on 26th March 2021** at Shri Shivaji Science

& Arts College Chikhli Dist. Buldana.

It has been organised to make awareness in the area of Cryptocurrency. This workshop will be beneficial for further research interests in cryptography and cryptocurrencies for researchers in this area. We expect to explore the novel concepts and ideas in the field of Cryptocurrency.

Dr. A. M. Garode Principal, Shri Shivaji Science & Arts College Chikhli Dist. Buldana, was president for the national level workshop & Dr. V.U. Pochhi IQAC-Coordinator was chief guest for inaugural program.

Prof. Citra G. Desai, Professor and HOD National Defence Academy, Khadkwasla, Pune was the resource person for this workshop. Total 198 participants were attended this workshop out of that 182 from Maharashtra, 1 from AP, 5 from Karnataka, 1 from Kerala, 1 from Tamilnadu, 7 from MP & 1 participant from UP.

This program was successfully completed by the team of Dr. A. B. Kadam HOD & Convener, Dr. M. E. Jadhav Coordinator, Dr. S. S. Gaikwad Organizing Secretary with support of Mr. R. P. Bhatkar & Mr. Sachin Chavan.

- **Participation of Students in Academic/ Research Activities:**

- **Avishkar:** Mr. Shubham Burkul & Mr. Baliram Solanki has been participated at district level Avishkar competition won First Prize & attended University level Avishkar.
- **State Level Seminar:** 05-Students were participated at the **State Level Seminars** for Students on “**Current Trends in Educational Development**”, organized by G. S. Science, Arts & Commerce College Khamgaon, on dated 06-02-2020.

- **Participation of Teachers in Academic/ Research Activities:**

During the academic session 2020-21, teachers of our department have enthusiastically participated in many academic/research activities.

- **Dr. A. B. Kadam** has been published paper entitled with “Classification of PH2 Images for Early Detection of Skin Diseases”, 2021 6th International Conference for Convergence in Technology (I2CT) Pune, India. Apr 02-04, 2021, 978-1-7281-8876-8/21/\$31.00 ©2021 IEEE
- **Dr. A. B. Kadam** has been attended STC on “MOOCs, e-Content Development & Open Educational Resources”, UGC-HRDC-JNTU, Hyderabad during 13-07-2020 to 18-07-2020.
- **Dr. A. B. Kadam** has been attended STC on “Outcome Based Education: Curriculum Design, Teaching Learning & Assessment Strategies”, UGC-HRDC-JNTU, Hyderabad, 21-07-2020 to 27-07-2020.
- **Dr. A. B. Kadam** has been attended, “2 Week Refresher Course on Data Analysis with Statistical Methods”, Pandit Madan Mohan Malviya Mission on Teachers & Teaching [Teaching Learning Centre] Ramanujan College, University of Delhi, 21-12-2020 to 03-01-2021.
- **Dr. M. E. Jadhav** has been attended, TWO - WEEK FACULTY DEVELOPMENT PROGRAMME on “Managing Online Classes & Co- creating MOOCS”, Organized by ministry of education pandit madan mohan malaviya national mission on teachers and teaching, from April 20 - May 06, 2020 and obtained Grade A+.
- **Dr. M. E. Jadhav** has been attended & successfully completed , a 4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education", Organized by ministry of education pandit madan mohan malaviya national mission on teachers and teaching, from June 04 - July 01, 2020 and obtained grade “A”.

- **Dr. M. E. Jadhav** has been attended & successfully completed with grade "A", "UGC Sponserd online Guru Dakshata Faculty Induction Program", Organized by UGC HRDC Dr. BAMU Aurangabad, from 1st Feb 2021 to 8th Mar 2021
- **Dr. M. E. Jadhav** has been published paper on "A review of sign language and hand motion recognition techniques", International Journal of Advanced Science and Technology Vol. 29, No. 8s, (2020), pp. 4621-4635, PP. 4621-4635, Aug-2020.
- **Dr. M. E. Jadhav** has been published paper on "Current Trends In Bio-Sensing Technologies For Tuberculosis Detection", IEEE IEEE Xplore: 01 January 2021, Electronic ISBN:978-1-7281-5970-6, Aug-2020.
- **Dr. M. E. Jadhav** has been published paper on "Analysis of Dermoscopy Images by Using ABCD Rule for Early Detection of Skin Cancer", Science Direct Procedia Manufacturing 00 (2020) 000–000, 2351-9789 © 2020 The Authors. Published by Elsevier B.V. This is an open access article under the CC BY-NC-ND license(<http://creativecommons.org/licenses/by-nc-nd/4.0/>) Peer-review, Dec-2020.
- **Dr. M. E. Jadhav** has been published paper on "Retinal OCT Images for Glaucoma", IEEE IEEE Xplore: 01 January 2021, Electronic ISBN:978-1-7281-5970-6 Print on Demand(PoD) ISBN:978-1-7281-5971-3,Jan 2021.
- **Dr. M. E. Jadhav** has been published paper on "Techniques for the Detection of Skin Lesions in PH2 Dermoscopy Images Using Local Binary Pattern (LBP)", International Conference on Recent Trends in Image Processing and Pattern Recognition RTIP2R 2020: Recent Trends in Image Processing and Pattern Recognition pp 14-25First Online: 19 February 2021.
- **Dr. M.E. Jadhav** has published paper entitled with "Classification of PH2 Images for Early Detection of Skin Diseases", 2021 6th International Conference for Convergence in Technology (I2CT) Pune, India. Apr 02-04, 2021, 978-1-7281-8876-8/21/\$31.00 ©2021 IEEE.
- **Dr. S. S. Gaikwad** has been attended, STTP Program ONE WEEK STTP ON EMERGING TRENDS IN ADVANCED SIGNAL & IMAGE

PROCESSING(SLOT-4) organized by Malla Reddy Engineering College for Women during 3rd to 8th May, 2021

- **Dr. S. S. Gaikwad** has been attended Four days National Level Online Faculty Development Program "REVISED NAAC ACCREDITATION FRAMEWORK PERCEPTIONS" from May 12 to May 15, 2021 organized by G.T.N.Arts College.
- **Dr. S. S. Gaikwad** has published paper entitled with AnupriyaKamble, Jyotsna Gaikwad, Sonali Gaikwad, Ramesh Manza (2021) "Collation Using Statistical Features Midst Regular Insulin and NPH Inuslin", Pensee Journal- Scopus Active and UGC-Care Approved Group-II Journal, Volume 51, Issue 4, ISSN No. : 0031-4773, Page No:2138-2143
- **Dr. S. S. Gaikwad** has published paper entitled with AnupriyaKamble, Jyotsna Gaikwad, Sonali Gaikwad, Shaikh Abdul Hannan, MohammedAlwazzabAlzharani, Ramesh Manza (2021) "Prediction of the State of Diabetes Disorder using Simple Decision Tree Classification Technique", Pensee Journal- Scopus Active and UGC-Care Approved Group II Journal, Volume 51, ISSN No. : 0031-4773, Page No:2132-2137.

(Dr. A. B.
Kadam)