|| Be one with the downtrodden and the underprivileged ||



Shri Shivaji Education Society Karad, Board for Higher Education's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD





Phone: 02164 – 271356, 271357 e-mail: <u>prinyccsk@gmail.com</u>

Website: www.yccskarad.com

Hon. P. D. Patilsaheb
President upto 17th Sep.2008

Hon. Shamrao Alias Balasaheb Pandurang Patil (MLA)

Hon. Altafhusen Nasiruddin Mulla

President,
Shri Shivaji Education Society's Board of Higher Education,
Karad

General Secretary, Shri Shivaji Education Society's Board of Higher Education, Karad

Dr. Suryakant Bapu Kengar

Principal

Annual Report 2023-24

1) AISHE College ID: C-11076

2) Certification

NAAC 3rd Cycle 2017 CGPA- 2.86 Grade: B++

ISO 9001: 2015

3) Admission for the 2023-24

Program name	Program Code	Number of seats sanctioned	Number of Students admitted
B. Sc.	2324	2280	957
B.Sc. Cs. Entire	2325	192	408
M. Sc.	205	296	241

4) Results 2023-24

Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination
2324	B. Sc. III	333	327
2325	B. Sc. Cs. Entire III	102	84
205	M.Sc. II	103	100

5) Teaching Staff

Sanction Grantable Post:	72	
Permanent:	46	
Vacant Post:	26	
	Grantable: 31	
Adhoc/Temporary	Non-grantable: 12	

6) Non-Teaching Staff

Sanction Grantable Post:	87
Permanent:	47
Vacant Post:	46
Temporary:	Nil

7) College Publication

I. Magazine Title: Yashwant (65th)

II. Publisher: Principal Dr. S. B. Kengar

III. Chief Editor: Dr. A. T. Jadhav

Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal, ISSN number
1)	Symmetric supercapacitor based on biosynthesized nanosheets of reduced graphene oxide (rGO): Characterization and electrochemical behavior	A. A Survase, S. H Sutar, S. B Ubale, S. S Kanase	Chemistry	Journal of Electrochemical Chemistry 1873-2569
2)	Magnetic and structural characterization of Sn doped cobalt ferrites; A visible light-driven photocatalysts for	SD Zimur, Pratapsingh Gaikwad, AV Mali, Amit Prakash Patil, SH Burungale, PD Kamble	Chemistry	Journal of Alloys and Compounds 0925-8388

3)	degradation of rhodamine-B and modeling the process by artificial intelligence tools Texture and major element geochemistry of channel sediments in the Orsang and Hiren River Basins, Gujarat, India: Implications for provenance and weathering	Keshwala Nikunj, Maurya Shivam, Gurav Chandrakant A. and More Laxman	Geology	Journal Indian Association of Sedimentologists 2582 – 2020
4)	Magnetic nanostructured adsorbents for water treatment: Structure-property relationships, chemistry of interactions, and lab-to-industry integration	S. M. Buluminogenher, N. R. Rane, X. Li, S. V. Otari, S. D. Girawale, A. R. Palake, K. M. Kodam, Y-K. Park, Y- H. Ha, K. Yadav, M. Ali Khan, B-H. Jeon	Microbiology	Chemical Engineering Journal 1385-8947
5)	Phytochemical Profiling, Antimicrobial, Antiproliferative and Apoptotic Effects of Stemodia viscosa Roxb. of Western Ghats Region, India, Chemistry & Biodiversity	Alfredi A Moyo, Kishor S. Jagadhane, Sneha R Bhosale, Devashree N Patil, Vinod B Shimpale, Prashant V Anbhule*	Chemistry	Chemistry & Biodiversity 1612-1872
6)	One Pot Synthesis of CuO- CuFe2O4@rGO Nanostructure with Synergistic Effect for Efficient Electrochemical Sensing Application of Paracetamol	J. C. Bhangoji, S. S. Kahandal, R. S. Patil, T. L. Lambat, S. I. Khan, G. Wadhava, S. H. Mahmood, and S. S. Shendage	Chemistry	ECS Advances 2754-2734
7)	Mesoporous carbon encapsulated zinc oxide nanorods derived from plant species 'Argyreia sharadchandrajii'for live cell imaging of drug delivery and multimodal	Sneha R Bhosale, Kishor S. Jagadhane, Rakhee R Bhosale, Sharadrao A Vanalakar, Vinod B Shimpale, Govind B Kolekar, Prashant V Anbhule*	Chemistry	New Journal of Chemistry 1369-9261

	bioactivities			
8)	Evaluation Of The Groundwater Quality For Its Suitability For Drinking And Irrigation In The Indian State Of Maharashtra's Khanapur Taluka, Sangli.	A. A. Lole, D. B. Panaskar	Geology	International Journal of Novel Research and Development (IJNRD) 2456-4184
9)	Histotoxicity of AIEgen Based on Triphenylamine for the Simultaneous and Discriminatory Sensing of Hg2+ and Ag + Directly in Aqueous Media for Environmental Applications	Jagadhane, K. S.; Birajdar, N. B.; Kolekar, G. B.; Anbhule, P. V.	Chemistry	Chemical Research in Toxicology 1520-5010
10)	Exploring Extracellular Hydrolytic Enzyme and Bio Flocculant-Producing Bacterial Isolates for Bioremediation of Vegetable Oil Refinery Effluent	Shinde G.M., Jadhav A. G.	Microbiology	Journal of Chemical Health Risks 2251-6727
11)	Anticancer and Apoptotic Effects of Hymenodictyon floribundum (Hochst. & Steud.) B. L. Rob. Stem Bark Hydroethanolic Extract	Alfredi A. Moyo, Kishor S. Jagadhane, Sneha R. Bhosale, Prashant V. Anbhule*	Chemistry	Chemistry Africa 2522-5758
12)	Evaluation of antimicrobial, cytotoxicity effects and antioxidant potential of Stemodia verticillata (Mill.) Hassl extracts Journal of Applied Pharmaceutical Science	Alfredi A Moyo, Sneha R Bhosale, Kishor S. Jagadhane, Sachin B Shinde, Vinod B Shimpale, Prashant V Anbhule*	Chemistry	Journal of Applied Pharmaceutical Science 2231-3354

13)	Treatment of Textile Processing Effluent Using Bacterial Isolate and Activated Charcoal	Gajanan Shinde, Ajaykumar Jadhav	Microbiology	Journal of Chemical Health Risks 2251-6727
14)	Cultural and Morphological Characterization of Alternaria brassicicola Schwein. & Wiltshire. Associated with Leaf Spot Disease of Cabbage	S. S. Pawar, N. K. Khandare, G. G. Potdar	Botany	BIOINFOLET - A Quarterly Journal of Life Sciences 0976-4755
15)	Symmetric supercapacitor based on biosynthesized nanosheets of reduced graphene oxide (rGO): Characterization and electrochemical behavior	A. A Survase, S. H Sutar, S. B Ubale, S. S Kanase	Chemistry	Journal of Electrochemical Chemistry 1873-2569
16)	Treatment of Textile Processing Effluent Using Bacterial Isolate and Activated Charcoal	Gajanan Shinde, Ajaykumar Jadhav	Microbiology	Journal of Chemical Health Risks 2251-6727
17)	Magnetic and structural characterization of Sn doped cobalt ferrites; A visible light-driven photocatalysts for degradation of rhodamine-B and modeling the process by artificial intelligence tools	SD Zimur, Pratapsingh Gaikwad, AV Mali, Amit Prakash Patil, SH Burungale, PD Kamble	Chemistry	Journal of Alloys and Compounds 0925-8388
18)	Microbial-Pigment Mediated Metal Nanoparticles Synthesis	Koli, SH; Mohite, BV; Patil, SV; Otari, SV;	Microbiology	Journal of Cluster Science 1572-8862
19)	Concentration dependent Structural and Spectroscopic studies of La2Mo2O9 thin film deposited by spray pyrolysis method	G. A. Kadam, R. K. Nimat	Physics	Bulletin For Technology And History 0391- 6715

20)	Effect of Volume of Solution on Structural & Morphological Properties of La 2 Mo 2 O 9 Thin Films	G. A. Kadam, R. K. Nimat	Physics	Solovyov Studies ISPU 2076-9210
21)	Antibacterial and anticancer activities of Nymphaea nauchali rhizome extracts	Hemlata Bhosale, Rania N. Ghaleb, Mujahed M. Siddiqui, Sunil B. Jadhav	Microbiology	Biocatalysis and Agricultural Biotechnology
22)	Biosynthesis of Silver Nanoparticles by some Microorganisms Isolated from Jewelry Shop Waste	A.A. Raut, R.R. Patil, A.A. Mulani, V.R. Patil, S.S. Shinde, K.A. Yadav, K.A. Sutar, J.U. Patil, G.V. Mali	Microbiology	Research Journal of Agricultural Sciences : 2249- 4538
23)	Advancements in bionanotechnological applications for climatesmart agriculture and food production	S.V. Otari, V. A. Bapat, J. Lakkakula, U.S. Kadam, P.Suprasanna	Microbiology	Biocatalysis and Agricultural Biotechnology
24)	A Reversible Mechanochromic AIEgen Based on Triphenylamine for the Selective Detection of Vitamin B2 (Riboflavin) in Aqueous Media and Histotoxicity	Kishor S Jagadhane, Nagesh B Birajdar, Govind B Kolekar, Prashant V Anbhule	Chemistry	Chemical Research in Toxicology 1687-8205

9. Faculty Development Programs attended

Dr. A. V. Mali:

Successfully completed online one week Faculty Development Programme on "Advanced Pedagogical Techniques" from 16-22 January, 2024 and obtained Grade A+.

Dr. R. S. Patil:

Successfully completed online one week Faculty Development Programme on "Advanced Pedagogical Techniques" from 16 – 22 January, 2024 and obtained Grade A+.

Mr. G. B. Dhake:

1) Successfully completing the 4 credit course Chemistry of Nanomaterials with a consolidated score of 83% from the evaluation based on continuous online assessments

- and the proctored examination held in month of May 2024
- 2) Successfully Completed online two week Interdisciplinary Refresher Course in "ADVANCED RESEARCH METHODOLOGY" from 23 January - 06 February, 2024 and obtained Grade A+

Dr. U. P. Lad:

- 1) Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 22 October 20 November, 2023 and obtained Grade A+.
- 2) Successfully completed online two-week Refresher Course in "CHEMISTRY" from 15 29 December, 2023 and obtained Grade A+

Dr. S. D. Jadhav:

- Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 22 October – 20 November, 2023 and obtained Grade A+
- 2) Successfully completed online two-week Refresher Course in "CHEMISTRY" from 15 29 December, 2023 and obtained Grade A+

Dr. V. S. Patil:

- Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 22 October – 20 November, 2023 and obtained Grade A+
- 2) Successfully completed online two-week Refresher Course in "CHEMISTRY" from 15 29 December, 2023 and obtained Grade A+

Mr. M. K. Mahale

- "Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19 September, 2023 and obtained Grade A"
- 2) "Successfully completed online two-week Refresher Course in "CHEMISTRY" from 15 29 December, 2023 and obtained Grade A"

Dr. K. S. Jagadhane

1) "Successfully completed a 4-Week Faculty Induction/Orientation Programme for

"Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19 September, 2023 and obtained Grade A+"

Mr. I. M. Mansoor

1) Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 22 January – 20 February, 2024 and obtained Grade A+.

Dr. A. M. Patil

1) "Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19 September, 2023 and obtained Grade A"

Mr. M. R. Zirwal

 "Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19 September, 2023 and obtained Grade A"

Mrs. M. P. Sarwade

 Successfully completed online two-week Interdiciplinary Refresher Course in "Advanced Research Methodology" from 22 August - 05 September, 2023 and obtained Grade A

Dr. A. A. Lole

 Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19
 September, 2023 and obtained Grade A+

Dr. L. B. More

 Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19
 September, 2023 and obtained Grade A+

Ms. G. S. Burud

 Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19 September, 2023 and obtained Grade A+

Ms. D. B. Gavade

 Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19
 September, 2023 and obtained Grade A+

Dr. J. U. Patil

 Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19 September, 2023 and obtained Grade A+

Dr. A. A. Raut

- Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19 September, 2023 and obtained Grade A+
- 2) Participated in Refresher Course in life sciences (Microbiology) conducted by Dept. of Microbiology, Savitribai Phule Pune University, Pune from 15/12/2023 to 18/12/2023 under the UGC scheme and obtained Grade B

Dr. S. V. Otari

 Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19
 September, 2023 and obtained Grade A+

Ms. K. A. Yadav

 Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19 September, 2023 and obtained Grade A+

Dr. S. H. Koli

- Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19
 September, 2023 and obtained Grade A+
- Successfully completed the AICTE Evaluated 2-Week Patent Course (equivalent 30-hours workload). Course organised by Turnip Innovations and facilitated by Dr. Rahul Kapoor from 19/11/2023 to 02/12/2023.

Mr. G. M. Shinde

 Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19 September, 2023 and obtained Grade A+

Mr. R. V. Darade

 Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19
 September, 2023 and obtained Grade A+

Mr. P. S. Bambare

 Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19
 September, 2023 and obtained Grade A+

Mr. S. B. Jadhav

 Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19
 September, 2023 and obtained Grade A+

Dr. G. A. Kadam

 Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19 September, 2023 and obtained Grade A+

Dr. S. B. Ubale

 Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19 September, 2023 and obtained Grade A+

Mr. S. D. Yadav

 Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19
 September, 2023 and obtained Grade A+

Mr. O. D. Patil

1) Successfully completed a 4-Week Faculty Induction/Orientation Programme for

"Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19 September, 2023 and obtained Grade A+

Mr. S. B. More

- Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19
 September, 2023 and obtained Grade A+.
- 2) Successfully completed online two-week REFRESHER COURSE in "STATISTICS" from 30 March 13 April, 2023 and obtained Grade A+

Dr. T. A. Shaikh

 Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19
 September, 2023 and obtained Grade A+

Mrs. P. S. Shinde

 Successfully completed a 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 August – 19
 September, 2023 and obtained Grade A+

10. Faculty Exchange Programs

Mr. Pravin S. Bambare

1) Resource Person for Two Days Workshop (in hybrid mode) on Competitive Examinations for Teaching and Research in Life Sciences: NET and SET, organized by Department of Microbiology and Biotechnology of M. J. College (Autonomous), Jalgaon on 19th and 20th January, 2024.

Dr. Sunil H. Koli

 Delivered lecture in Ph.D. course work winter 2023 on a topic "Methods of Data Collection" organized by Science College, Nanded in collaboration with Swami Ramanand Teerth Marathwada University, Nanded on 21/10/2023 at Science College, Nanded (Online mode).

Mr. Gajanan M. Shinde

1) Invited as resource person for guest lecture on topic of preparation for M.Sc. entrance

- for B.Sc. III students on 05/03/2024 at Vishwasrao Naik Arts, Commerce and Baba Naik Science Mahavidyalaya Shirala.
- 2) Worked as college coordinator at 22nd National Level Microolympiad for undergraduate graduate and post graduate students organized by Government Institute of Science, Chh. Sambhajinagar.

Prof. Dr. S. H. Burungale

- Convenor of National Conference on "Green Chemistry and Advanced Materials" Organized by IQAC & Department of Chemistry, Yashwantrao Chavan College of Science, Karad on 14th and 15th March, 2023.
- 2) Work as Resource person at Dr. Patangrao Kadam Mahavidyalaya, Sangli on "One day Teachers Training workshop on Newly Changed Syllabus of B.Sc. II paper V and VI (Theory and Practicals) in Chemistry subject" on 12th Oct., 2023.
- 3) Work as Resource person in Syllabus Training workshop on "Revised Syllabus of B. Sc. II: Chemistry Paper VII and VIII" held on Wednesday, 18th Oct. 2023 at Jaysinghpur College, Jaysinghpur, Dist. Kolhapur.
- 4) Work as a Resource Person in One Day teachers Training workshop on "New changed Syllabus of M. Sc. I (NEP) Inorganic Chemistry" Semester I & II on Friday, 20th Oct., 2023 Sponsored by Shivaji University Kolhapur, at Balavant College, Vita, Tal. Khanapur, Dist. Sangli
- 5) Member of Selection committee and Subject Expert at Mahila Mahavidyalaya, Karad for Selection of CHB staff for Academic year 2023-24 on 28th Nov. 2023.

Mr. Sudip D. Karande

1) Delivered a guest lecture on topic "Soaps and Detergents" at Sou Mangaltai Ramchandra Jagtap Mahila Mahividyalaya, Umbraj on 05 December 2023.

Dr. A. T. Jadhav

- 1) Worked as a Member of Selection Committee for the post of Assistant Professor of English to be selected at Arvind Gawali College of Engineering, Satara affiliated to Babasaheb Ambedkar Technological University, Lonere, Raigad, Maharashtra.
- 2) Worked as a Chairperson, Scrutiny Committee of Applications for the post of Assistant Professor of English at Shahajiraje Mahavidyalaya, Khatav.

- 3) Worked as a Member of Scrutiny Committee of Ph.D. proposals in English at Department of English, Shivaji University, Kolhapur.
- 4) Submitted a Chapter on Poetry in the Age of Chaucer for Self-Instructional-Material (SIM) for M.A. English (Distance), Shivaji University, Kolhapur.
- 5) Online Lecture delivered on Poetry in the Age of Chaucer conducted by Distance Education, Shivaji University, Kolhapur on 07 November 2023.

Dr. A. A. Lole

1) Invited as resource person and deliver expert talk on Remote Sensing, GIS and GPS in Sanjay Ghodawat Institute, Atigre on18.10.2023.

R. A. Jamdade

1) Appointed as Board of Studies (BoS) member in Bioinformatics at Yashvantrao Chavan College of Science, Satara.

Mr. S. B. More

- 1) Worked as a subject expert for SY BCA (Sci.) Question Paper Bank preparation, October 2023 Examination at Indira College of Commerce and Science, Pune.
- Worked as Convener for "Revised syllabus workshop of B.Sc. II" organized by Shivaji University Kolhapur and Yashwantrao Chavan College of Science, Karad on 28th October 2023.

Mr. O. D. Patil

1) Worked as Organizing Secretaryfor "Revised syllabus workshop of B.Sc. II" organized by Shivaji University Kolhapur and Yashwantrao Chavan College of Science, Karad on 28th October 2023.

11. Faculty Participation in conference/seminars/workshops/LIC/others

Dr. Jaysing U. Patil

 Participated in National Webinar on Awareness of "MALAVIYA MISSION TEACHER TRAINING PROGRAM" organized by Guru Angad Dev Malaviya Mission Teacher Training Centre, SGTB Khalsa College, University of Delhi held on 22nd October 2023.

Dr. Avinash A. Raut

- 1) Attended "New revised NEP syllabus workshop of M. Sc I (Sem-I) of General Microbiology: Microbial Systematics, Research methodology & Practical Course-II" Sponsored by Shivaji University, Kolhapur and Bharati Vidyapeeth organized by Dr Patangrao Kadam Mahavidyalaya, Sangali. Held On 11th & 12th September 2023
- 2) Attended One Day State Level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany & Electronics Yashwantrao Chavan College of Science, Karad on 19th October 2023
- 3) Attended One Day National Seminar on "National Education policy:2020" organized by IQAC, Department of Physics Yashwantrao Chavan College of Science, Karad on 14th October 2023.

Mr. Gajanan M. Shinde

- 1) Attended One Day National Seminar on "National Education policy:2020" organized by IQAC, Department of Physics Yashwantrao Chavan College of Science, Karad on 14th October 2023.
- Attended One Day State Level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany & Electronics Yashwantrao Chavan College of Science, Karad on 19th October 2023.
- 3) Participated in National conference on Microbes for Sustainable Future (MFSF-2024) organized by Department of Microbiology, Sadguru Gadge Maharaj College, Karad

Miss Kirti A. Yadav

- Participated in a National Webinar on Awareness of "MALAVIYA MISSION TEACHER TRAINING PROGRAM" organized by Guru Angad Dev Malaviya Mission Teacher Training Centre, SGTB Khalsa College, University of Delhi held on 22nd October 2023.
- 2) Attended International Conference on "Recent trends in pure and applied Sciences" Sponsored by Shivaji University, Kolhapur and organized by Smt Kusumtai Rajarambapu Patil Kanya Mahavidyalaya, Islampur. On 24th and 25th March,2023
- 3) Attended Global Education Fair organized by RIT College, Islampur
- 4) Attended "New revised NEP syllabus workshop of M. Sc I (Sem-I) of General

- Microbiology: Microbial Systematics, Research methodology & Practical Course-II" Sponsored by Shivaji University, Kolhapur and Bharati Vidyapeeth organized by Dr Patangrao Kadam Mahavidyalaya, Sangali. Held On 11th & 12th September 2023.
- 5) Attended One Day State Level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany & Electronics Yashwantrao Chavan College of Science, Karad on 19th October 2023.
- 6) Attended One Day National Seminar on "National Education policy:2020" organized by IQAC, Department of Physics Yashwantrao Chavan College of Science, Karad on 14th October 2023.

Prof. Dr. S. H. Burungale

- 1) Participated in International conference on "Recent Trends in Pure and Applied Sciences (ICRTPAS-2023)" Organized by Smt. Kusumtai Rajarambapu Patil Kanya Mahavidyala, Islampur (Sangli), Sponsored by Shivaji University Kolhapur on 24th and 25th March, 2023.
- Attended "One Day National Seminar on National Education Policy: 2020 [NEP: 2020]
 Organized by IQAC & Department of Physics, Yashwantrao Chavan College of Science, Karad on 14th Oct. 2023.
- 3) Attended One day state level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany & Electronics, Yashwantrao Chavan College of Science, Karad on 19th Oct. 2023.

Prof. Dr. A. V. Mali

- Attended "One Day National Seminar on National Education Policy: 2020 [NEP: 2020]
 Organized by IQAC & Department of Physics, Yashwantrao Chavan College of Science, Karad on 14th Oct. 2023
- Attended One day state level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany & Electronics, Yashwantrao Chavan College of Science, Karad on 19th Oct. 2023.

Shri. A. N. Bhingare

1) Attended One day state level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany & Electronics, Yashwantrao

- Chavan College of Science, Karad on 19th Oct. 2023.
- Attended "One Day National Seminar on National Education Policy: 2020 [NEP: 2020]
 Organized by IQAC & Department of Physics, Yashwantrao Chavan College of Science, Karad on 14th Oct. 2023.
- 3) National Conference on "Green Chemistry and Advanced Materials" Organized by IQAC & Department of Chemistry, Yashwantrao Chavan College of Science, Karad on 14th and 15th March, 2023.

Dr. B. E. Mahadik

- Attended One day state level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany & Electronics, Yashwantrao Chavan College of Science, Karad on 19th Oct. 2023.
- Attended "One Day National Seminar on National Education Policy: 2020 [NEP: 2020]
 Organized by IQAC & Department of Physics, Yashwantrao Chavan College of Science, Karad on 14th Oct. 2023.
- 3) National Conference on "Green Chemistry and Advanced Materials" Organized by IQAC & Department of Chemistry, Yashwantrao Chavan College of Science, Karad on 14th and 15th March, 2023.

Shri. G. B. Dhake

- Attended One day state level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany & Electronics, Yashwantrao Chavan College of Science, Karad on 19th Oct. 2023.
- Attended "One Day National Seminar on National Education Policy: 2020 [NEP: 2020]
 Organized by IQAC & Department of Physics, Yashwantrao Chavan College of Science, Karad on 14th Oct. 2023.
- 3) National Conference on "Green Chemistry and Advanced Materials" Organized by IQAC & Department of Chemistry, Yashwantrao Chavan College of Science, Karad on 14th and 15th March, 2023.
- 4) Revised Syllabus Training workshop on "Revised Syllabus of M. Sc. I: Physical Chemistry" held on 21th Oct. 2023 at Yashwantrao Chavan College of Science, Karad

Dr. V. S. Patil

- Attended "One Day National Seminar on National Education Policy: 2020 [NEP: 2020]
 Organized by IQAC & Department of Physics, Yashwantrao Chavan College of Science, Karad on 14th Oct. 2023.
- 2) Attended One day state level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany & Electronics, Yashwantrao Chavan College of Science, Karad on 19th Oct. 2023.
- 3) Attended the "Interdisciplinary National Conference on Scientific Approaches for Sustainable Development" organized by The Science Department of Wilson College (Autonomous), Mumbai held on 4th and 5th Dec. 2023.

Dr. U. P. Lad

- Attended One day state level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany & Electronics, Yashwantrao Chavan College of Science, Karad on 19th Oct. 2023.
- Attended "One Day National Seminar on National Education Policy: 2020 [NEP: 2020]
 Organized by IQAC & Department of Physics, Yashwantrao Chavan College of Science, Karad on 14th Oct. 2023.
- 3) Presented a paper in International conference on "Recent Trends in Pure and Applied Sciences (ICRTPAS-2023)" Organized by Smt. Kusumtai Rajarambapu Patil Kanya Mahavidyala, Islampur (Sangli), Sponsored by Shivaji University Kolhapur on 24th and 25th March, 2023

Mr. Sudip D. Karande

- Attended and delivered oral presentation in two day national conference on "Green Chemistry and Advanced Materials (GCAM-2023)" at Yashwantrao Chavan College of Science, Karad on 14 and 15 March 2023.
- Attended One day state level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany & Electronics, Yashwantrao Chavan College of Science, Karad on 19th Oct. 2023.
- 3) Attended a one day workshop on revised syllabus of M.Sc. I-Physical Chemistry at Yashwantrao Chavan College of Science, Karad on 21 October 2023.

Dr. S. D. Jadhav

- Attended One day state level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany & Electronics, Yashwantrao Chavan College of Science, Karad on 19th Oct. 2023.
- Attended "One Day National Seminar on National Education Policy: 2020 [NEP: 2020]
 Organized by IQAC & Department of Physics, Yashwantrao Chavan College of Science, Karad on 14th Oct. 2023.
- 3) Attended & worked as chairman of session at "One Day work shop on Revised syllabus of M. Sc.- I (Analytical Chemistry) [NEP: 2020] Organized by IQAC & Department of Chemistry L. B. S. College, Satara on 27th Nov. 2023.
- 4) National Conference on "Green Chemistry and Advanced Materials" Organized by IQAC & Department of Chemistry, Yashwantrao Chavan College of Science, Karad on 14th and 15th March, 2023.

Dr. K. S. Jagadhane

- Oral Presentation in "Interdisciplinary National Conference on Scientific Approaches for Sustainable Development" organized by The Science Department of Wilson College (Autonomous), Mumbai held on 4th and 5th Dec. 2023.
- 2) Two Days National Symposium on INNOVATIVE INCLINATIONS AND SUSTAINABLE TECHNOLOGIES IN CHEMICAL SCIENCES-2023 (IISluminogenS23)24-25 February 2023 (Oral) at Deogiri College Aurangabad. The development of Tetraphenylethene-Based Luminogens (AIEgens) having Aggregation-Induced Emission with Mechanochromism for use in the sensing applications in Aqueous Media. Kishor S. Jagadhane 1, Prashant V. Anbhule*1
- 3) NATIONAL CONFERENCE ON ADVANCES IN ANALYTICAL TECHNIQUES FOR MATERIALS AND BIO-MEDICAL APPLICATION (AATMABIMAN 2023) 15-16 December 2023 (Poster). A Tetraphenylethene-Based Aggregation Emission Luminogen (AIEgen) With Mechanochromic Phenomena for Highly Selective Naked Mno4- Directly in Aqueous Media. Kishor S. Jagadhane, Prashant V. Anbhule.
- 4) Attended "One Day National Seminar on National Education Policy: 2020 [NEP: 2020] Organized by IQAC & Department of Physics, Yashwantrao Chavan College of Science, Karad on 14th Oct. 2023.

- 5) Attended One day state level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany & Electronics, Yashwantrao Chavan College of Science, Karad on 19th Oct. 2023.
- 6) Participated in Quiz Competition organized on the occasion on "World Wetlands Day 2024" by IQAC and Department of Botany, Yashwantrao Chavan College of Science, Karad on 2nd Feb. 2024.

Mr. M. K. Mahale

- Attended "One Day National Seminar on National Education Policy: 2020 [NEP: 2020]
 Organized by IQAC & Department of Physics, Yashwantrao Chavan College of Science, Karad on 14th Oct. 2023
- Attended One day state level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany & Electronics, Yashwantrao Chavan College of Science, Karad on 19th Oct. 2023
- 3) Participate in Quiz Competition organized on the occasion on "World Wetlands Day 2024" by IQAC and Department of Botany, Yashwantrao Chavan College of Science, Karad on 2nd Feb. 2024.

Mr. M. I. Maneri

- 1) Attended the "Interdisciplinary National Conference on Scientific Approaches for Sustainable Development" organized by The Science Department of Wilson College (Autonomous), Mumbai held on 4th and 5th Dec. 2023.
- Attended "One Day National Seminar on National Education Policy: 2020 [NEP: 2020]
 Organized by IQAC & Department of Physics, Yashwantrao Chavan College of Science, Karad on 14th Oct. 2023
- 3) Attended One day state level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany & Electronics, Yashwantrao Chavan College of Science, Karad on 19th Oct. 2023
- 4) Participate in Quiz Competition organized on the occasion on "World Wetlands Day 2024" by IQAC and Department of Botany, Yashwantrao Chavan College of Science, Karad on 2nd Feb. 2024.

Dr. A. A. Lole

- Participated in One day workshop on "Assessment, Management and Mitigation of Natural disasters" organized by IQAC and Department of Geology, Yashwantrao Chavan College of Science, Karad on 13th October, 2023.
- Participated in One day State Level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany and Electronics, Yashwantrao Chavan College of Science, Karad on 19th October, 2023.
- Participated in One day National Seminar on "National Education Policy: 2020 [NEP: 2020]" organized by IQAC and Department of Physics, Yashwantrao Chavan College of Science, Karad on 14th October, 2023.

Dr. L. B. More

- Participated in One day workshop on "Assessment, Management and Mitigation of Natural disasters" organized by IQAC and Department of Geology, Yashwantrao Chavan College of Science, Karad on 13th October, 2023.
- Participated in One day State Level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany and Electronics, Yashwantrao Chavan College of Science, Karad on 19th October, 2023.
- 3) Participated in One day National Seminar on "National Education Policy: 2020 [NEP: 2020]" organized by IQAC and Department of Physics, Yashwantrao Chavan College of Science, Karad on 14th October, 2023.
- 4) Participated in One day workshop on "Public Financial Management System (PFMS)" organized by Department of Mathematics, Shivaji University, Kolhapur on 14thSeptember, 2023.

Dr. R. V. Desai

- Participated in One day workshop on "Assessment, Management and Mitigation of Natural disasters" organized by IQAC and Department of Geology, Yashwantrao Chavan College of Science, Karad on 13th October, 2023.
- Participated in One day State Level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany and Electronics, Yashwantrao Chavan College of Science, Karad on 19th October, 2023.

 Participated in One day National Seminar on "National Education Policy: 2020 [NEP: 2020]" organized by IQAC and Department of Physics, Yashwantrao Chavan College of Science, Karad on 14th October, 2023.

Shri. S. M. Thorat

- Participated in One day workshop on "Assessment, Management and Mitigation of Natural disasters" organized by IQAC and Department of Geology, Yashwantrao Chavan College of Science, Karad on 13th October, 2023.
- Participated in One day State Level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany and Electronics, Yashwantrao Chavan College of Science, Karad on 19th October, 2023.
- Participated in One day National Seminar on "National Education Policy: 2020 [NEP: 2020]" organized by IQAC and Department of Physics, Yashwantrao Chavan College of Science, Karad on 14th October, 2023.

Dr. A. P. Jadhav

 Participated in One day State Level Workshop on "Revised Accreditation Framework for NAAC" organized by IQAC, Department of Botany and Electronics, Yashwantrao Chavan College of Science, Karad on 19th October, 2023.

Dr. T. A. Shaikh

1) Shaikh T. A. (2023). Attended one day workshop on "National Education policy", at Yashwantrao Chavan College of Science, Karad.

Dr. R. A. Jamdade

- Attended one day workshop on "New Syllabus as per NEP-2020 B.Sc.II, Zoology Theory Paper -V &VI sponsored by Shivaji University, Kolhapur organised by P.G. Department of Zoology of L.B.S. College, Satara.
- 2) Attended one day workshop on "National Education policy", at Yashwantrao Chavan College of Science, Karad.

M.C. Mhaske

- Attended one day workshop on "National Education policy", at Yashwantrao Chavan College of Science, Karad.
- 2) Attended one day workshop on "National Education policy", at Yashwantrao Chavan

College of Science, Karad.

Mr. S. B. More

 Attended and Presented paper in National Conference on "Recent Trends in Social Sciences & their Implications within the National Education Policy – 2020" during January 30& 31, 2024 Organized by AnandibaiRaorane Arts, Commerce & Science College, Vaibhavwadi.

Mrs. R. D Patil

 Attended and Presented paper in National Conference on "Recent Trends in Social Sciences & their Implications within the National Education Policy – 2020" during January 30 & 31, 2024 Organized by AnandibaiRaorane Arts, Commerce & Science College, Vaibhavwadi.

Mr. O. D. Patil

 Attended and Presented paper in National Conference on "Recent Trends in Social Sciences & their Implications within the National Education Policy – 2020" during January 30 & 31, 2024 Organized by AnandibaiRaorane Arts, Commerce & Science College, Vaibhavwadi.

Mr. T. J. Shaikh

- Attended One Day Webinar on MANGROVES: THE COASTAL GUARDS organized by Department of Botany of Dapoli Urban Bank Senior Science College, Dapoli in association with Mangrove Society of India on the occasion of celebration of World Wetland Day on 2nd February 2024.
- Attended One Day National Seminar on "National Education Policy (NEP: 2020)"Organized by IQAC & Department of Physics, Yashwantrao Chavan College of Science, Karad on 14th October 2023.
- 3) Attended One Day Workshop on "Environmental Stewardship and Upcycling to Save Environment" Organized by Yashwantrao Chavan College of Science, Karad, Dist. Satara on 11th August 2023.
- 4) Attended One Day Workshop on "Revised Accreditation Framework for NAAC" Organized by Yashwantrao Chavan College of Science, Karad, Dist. Satara on 19th October 2023.

- 5) Attended National Conference on Bioresources Organized byDepartment of Botany, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad on 07 and 08January 2023.
- 6) Participated as Volunteer in Grassland Vegetation Survey at Kanha Tiger Reserve, Mandla, Madhya Pradesh on 9thto 18th October 2023.
- 7) Participated in 50thSatara District level Science Exhibitionorganized by MH-SCERT Nagpur, SataraZilla Parishad and Yashwantrao Chavan College of Science, Karad on 19th to 21st January 2023.

Mrs. Manisha A. Pujari

1) Attended Deeper paper setting camp conducted on 30th Sept to 2nd October 2023 at Bhilar, Pachgani - Mahabaleshwar Road Satara.

IQAC

a. IQAC meetings (1 June 2022-31 May 2023): 04b. IQAC Activities

All the activities in the college are conducted under the IQAC of the college.

A. Conference/Seminar/Workshop/webinar organized

Sr. No.	Name of Activity	Date	Number of Participants
1.	Energy Saving Campaign	28-02-2024	22
2.	Water Expedition: On-Field Total Dissolved Solid Checking- 2023-24	13-02-2024	9
3.	Determination of Soil available Nitrogen by Kjeldahl method- 2023-24	02-02-2024	12
4.	Determination of Organic Carbon from Soil- 2023-24	29-01-2024	25
5.	Awareness against getting Hacked	27-01-2024	40
6.	Biotechnology Brunchfest 2024	20-01-2024	40
7.	Plantation Drive	30-08-2023	22
8.	National Education Policy:2020 Implementation	28-02-2024	223

9.	One-Day Workshop on Research Methodology	20-02-2024	178
10.	One day Workshop on "Future Prospective in Microbic and Biotechnology"	17-02-2024	91
11.	One Day Workshop on "Science & Technology Sustainable Development"	16-02-2024	116
12.	Lead College Acitivity On "Entrepreneurship and Start I	12-02-2024	99
13.	Lead College Activity " Entrepreneurship and Startup"	12-02-2024	99
14.	Implementation of NEP:2020	28-02-2024	223
15.	Cloud Computing	13-02-2024	139
16.	Science Seminar On A Hands On Training On "Mandern Scrolling Displays"	12-02-2024	44
17.	Guest Lecture on " Emerging Trends in the Life Science	06-02-2024	42
18.	Online seminar on " Anti-infective Drug Discovery Rese An Overview for Microbiology Students"	29-01-2024	91
19.	Science Seminar on Biotechnology For Better Tomarrov	25-01-2024	140
20.	Guest Lecture on -" Reaction Mechanism & Retrosynthe	20-01-2024	93
21.	One Day Seminar on "Application of Hydrogeolog watershed Development"	19-01-2024	36
22.	Guest lecture under Science Seminar on " Computat Methods in Mathematics"	18-01-2024	118
23.	Ornamental Fish Culture and Maintenance	18-01-2024	30
24.	One Day Workshop on Preparation of Household Chemi	06-01-2024	128
25.	One Day Workshop on Entrepreneurship Development	04-01-2024	110

26.	One Day Workshop on Advanced Instrumentation Techn	01-01-2024	107
27.	One Day Workshop on Government Jobs for Chemistry	01-01-2024	133
28.	One Day Workshop on Personality Development	09-12-2023	72
29.	New Changed Syllabus of B.Sc. CS(Optional)-II Se Paper-V, VI, VII & VIII Theory	28-10-2023	52
30.	One day workshop on "New changed syllabus (CBC B.Sc.II Paper VII, VIII and Practical of Mathematics	28-10-2023	65
31.	One Day Workshop on Revised Syllabus of B.Sc.II	28-10-2023	55
32.	One Day Workshop on Revised Syllabus of MSc-I Phy Chemistry	21-10-2023	47
33.	One Day workshop on New Changed Syllabus (CBC B.Sc.II Biotechnology	21-10-2023	20
34.	One Day workshop on Revised Syllabus of B.Sc Electronics (NEP-2020)	20-10-2023	35
35.	One day National Seminar on "NEP:2020"	14-10-2023	150
36.	National Education Policy (NEP:2020)	14-10-2023	150
37.	One day workshop on "Assessment, Management Mitigation of Natural Disasters"	13-10-2023	63
38.	"Wild Life Photography Workshop"	12-10-2023	100
39.	Photography workshop	12-10-2023	100
40.	"Conservation of Reptiles and Specimen Exhibition"	11-10-2023	100
41.	Conservation of Reptiles and Specimen Exhibition	11-10-2023	100
42.	Science Seminar Activity on topic 'Bioinformatics: Res and Opportunities	07-10-2023	80

43.	Guest Lecture on Care Taken by Students in case of Law	05-10-2023	72
44.	Career Opportunities in Competitive Examinations	15-09-2023	164
45.	One Day Workshop on NET SET Examinations	15-09-2023	178
46.	One day Workshop on Chandryan 3 Soft Landing	23-08-2023	55
47.	Environment steward and upcycling to save envrionmen	11-08-2023	80
48.	Environment stewardship and upcycling to save environ	11-08-2023	80

B. Competitions/Events:

Sr. No.	Title	Date	Number of Participants
1.	Microbiome Food Festival	02/01/2024	71
2.	Scientific Rangoli Competition	13/12/2023	148
3.	Medical checkup of female staff and students	28/07/2023	66
4.	Short play presentation for school students on the occasion of Science Exhibition	13/12/2023	148
5.	Awareness program "Know About Earth".	16-09-2023	32
6.	Biodiversity Poster Presentation	10-10-2023	50
7.	Biodiversity poster presentation	10-10-2023	50
8.	International Vulture Day	02-09-2023	76
9.	International Vulture Day	30-08-2023	76

C. Celebration of International Days

Sr. No.	Events	Date
1)	World Health Day	: 7 April 2023
2)	World Earth Day	: 22 April 2023
3)	International Day of Biological Diversity	:22 May 2023
4)	World Environment Day	: 5 June 2023
5)	International day of Yoga	: 21 June 2023
6)	World Ozone Day	: 16 September 2023
7)	World Science Day	: 10 November 2023
8)	International Forest Day	: 21 March 2024

D. Celebration of National Days

Sr. No.	Events	Date
1)	Independence Day	: 15 August 2023
2)	Sadhabhavana Day	: 20 August 2023
3)	National Sport Day	: 29 August 2023
4)	Vachan Prerna Din	: 15 October 2023
5)	National Integration Day	: 31 October 2023
6)	Student Day:	: 7 October 2023
7)	Constitution Day:	: 26 November 2023
8)	National Mathematics Day	: 22 December 2023
9)	Republic Day:	: 26 January 2024
10)	National Science Day	: 28 February 2024

E. Celebration of Birth/Death Anniversary

Sr. No.	Events	Date
1)	Sau. Venutai Chavan Death Anniversary	:1 June 2022
2)	Rajmata Jejau Death Anniversary	: 17 June 2023
3)	Chatrapati Shahu Maharaj Birth Anniversary	: 26 June 2023
4)	Swargiy P. D. Patil Birth Anniversary	: 1 July 2023
5)	Lokmanya Tilak Birth Anniversary	: 23 July 2023
6)	Dr. A. P. J. Kalam Death Anniversary	: 27 July 2023
7)	Lokmanya Tilak Birth Anniversary and Annabhau Sathe Birth Anniversary	: 1 August 2023
8)	Swargiy P. D. Patil Death Anniversary	: 17 September 2023
9)	Mahatma Gandhi Birth Anniversary and Lal Bahadur Shastri Birth Anniversary	: 2 October2023
10)	Dr. A. P. J. Kalam Birth Anniversary	: 15 October 2023
11)	Vallabhbhai Patel Birth Anniversary and Indira Gandhi Death Anniversary:	31 October 2023
12)	Swargiy Yashwantrao Chavan Death Anniversary	: 25 November 2023
13)	Mahatma Phule Death Anniversary	: 28 November 2023
14)	Dr. Babasaheb Ambedkar Death Anniversary	: 6 December 2023
15)	Sau. Savitribai Phule Birth Anniversary	: 03 January 2024
16)	Lal Bahadur Shashtri Death Anniversary	: 11 January 2024
17)	Swami Vivekanand Birth Anniversary and Rajmata Jijabai Birth Anniversary	: 12 January 2024
18)	Netaji Subhash Chandra Bose Birth Anniversary	: 23 January 2024
19)	Mahatma Gandhi Death Anniversary	: 30 January 2024
20)	Sau. Venutai Chavan Death Anniversary	: 2 February 2024

21)	Shiv Jayanti	: 19 February 2024
22)	Swatantrya Veer Savarkar Death Anniversary	: 26 February 2024
23)	Sau. Savitribai Phule Death Anniversary	: 03 January 2024
24)	Swargiy Yashwantrao Chavan Birth Anniversary	: 12 March 2024

F. Placement:

1) Dynacons Systems & Solutions Ltd.

2) Connect India

3) Acute Informatics Pvt. Ltd

4) Indian Navy

5) Bharati Bank Pune

6) Royal Technology

7) Mind Craft

8) SVN Systech Indian Pvt Ltd

9) Acma Computers

10) CMS IT Services

11) R Connect

12) Global Engineering

13) Kaizen IT Services

14) Creative Info-link

15) Outworx

16) Rayat Shikshan Sanstha

17) Balwant College Vita

18) Traces

19) Impact

20) Mehta Pvt. Ltd

21) KRP College Islampur

22) Elegant

23) Jaywant Pratishthan

24) Serum

25) Asset cues

26) Civica

27) Marksan Pharma

28) Qualities

29) Tata

30) Institute india Pvt. Ltd

31) ACG