

Dr. Rafiq Zakaria CampusMaulana Azad Educational Trust's

Y. B. CHAVAN COLLEGE OF PHARMACY

(B. Pharm, M. Pharm & Research Centre)

ISO 21001:2018 & ISO 14001:2015 CERTIFIED | NIRF-2022 ALL INDIA RANK 65TH

NAAC ACCREDITATION "A" GRADE WITH 3.23 CGPA SCORE

Annual Report (2021-22)



PARTICULAR OF ADMISSION OF 2021-22 (As per admission of 2021)

| Sr. No. | Class | Department | Sanction Intake | Actual Admission |
|---------|------------------------------------|-----------------------------|--------------------|---------------------|
| 1 | First year B. Pharm. | | 100 | 100 |
| 2 | M. Pharm. I st Semester | Pharmaceutics | 15 | 15 |
| 3 | M. Pharm. I st Semester | Quality Assurance | 15 | 15 |
| 4 | M. Pharm. I st Semester | Pharmaceutical Chemistry | 15 | 15 |
| 5 | M. Pharm. I st Semester | Pharmacology | 15 | 15 |

UNIVERSITY RESULT ANALYSIS (2021-22)

| Sr. | Class | No. of studetns | Student passed | % College result |
|-----|---------------------------|-----------------|----------------|------------------|
| No. | (B. Pharm./M. Pharm.) | appeared | | |
| 1 | Final year B. Pharm. | 130 | 115 | 88.46 |
| | Admission year Aug-2018 | | | |
| 2 | M. Pharm-II year | 15 | 14 | 93.33 |
| | (Pharmaceutics) | | | |
| | Admission year 2020 | | | |
| 3 | M. Pharm-II year | 12 | 12 | 100 |
| | (Pharmaceutical Chemistry | | | |
| | Admission year 2020 | | | |
| 4 | M. Pharm-II year | 10 | 09 | 90 |
| | (Pharmacology) | | | |
| | Admission year 2020 | | | |
| 5 | M. Pharm-II year | 14 | 14 | 100 |
| | (Quality Assurance) | | | |
| | Admission year2020 | | | |

FACULTY PARTICIPATION IN CONFERENCES / SEMINARS AT OTHER COLLEGES/UNIVERSITY:

| Particulars of the activity | No. of Faculty (No. of activity) | | |
|-------------------------------|----------------------------------|----------------|--|
| | International level | National Level | |
| Attended Seminars/ conference | 03 (04) | 20 (57) | |
| Presented papers | 02(02) | 07 (11) | |
| Resource Persons | | 04 (04) | |

FACULTY PARTICIPATION IN PROFESSIONAL DEVELOPMENT PROGRAMS / FDP AT OTHER COLLEGES/UNIVERSITY:

| SN | Faculty / Staff Development Programs | No. of faculty benefitted |
|----|--|-----------------------------|
| | | (No. of activity attended) |
| 1 | Refresher courses/Summer / Winter school | 00(00) |
| 2 | Orientation program | 02(02) |
| 3 | Staff training | 02(02) |
| 4 | Faculty Development program | 12 (22) |

STUDENT PARTICIPATION IN CONFERENCES/SEMINARS/WORKSHOPS AT OTHER COLLEGES/INDUSTRY:

| Particul | ars of the activities | No. of students | |
|------------------|-----------------------|----------------------------|----------------|
| | | International level | National Level |
| Attended | Seminars/conference | 00 | 04 |
| Workshops/tra | ining program | | |
| Presented papers | | 00 | 04 |

CO-CURRICULAR/ CAREER DEVELOPMENT / CAREER COUNSELING ACTIVITIES ORGANIZED FOR STUDENTS/STAFF:

| SN | Name of activity | Duration From-To | Total participant |
|----|---|---------------------|-------------------|
| 1 | Environment Protection and waste management at | 05.06.2021 | 100 |
| 2 | Seven Pillars of Success(Online) | 02.07.2021 | 350 |
| 3 | Pharmacy a Bright career option (Online) | 22.07.2021 | 250 |
| 4 | Prototype validation and product fit for market | 26.07.2021 | 150 |
| 5 | Bajaj Incubation centre visit at Dr. BAMU | 26.07.2021 | 50 |
| 6 | Economic green method development for analysis | 10.08.2021 | 90 |
| 7 | Innovation in Pharmacy (Online) | 05.10.2021 | 440 |
| 8 | Role and application of IPR in Pharmacy (Online) | 05.10.2021 | 440 |
| 9 | Entrepreneurship in Pharmacy (Online) | 20.10.2021 | 120 |
| 10 | Design thinking and critical thinking in Pharmacy | 20.10.2021 | 120 |
| 11 | National Level online quiz competition on HAP | 03.11.2021 | 15 |
| 12 | Essay writing competition on NEP2020 | 12.11.2021 | 32 |

| 13 | Field visit Field visit for problem identification of | 22.11.2021 | 32 |
|----|---|---------------|-----|
| 14 | Workshop on entrepreneurship and innovation as | 27.11.2021 | 75 |
| 15 | Online Quiz completion Pharmaceutical start ups | 29.11.2021 | 190 |
| 16 | e-Poster competition on innovation in | 26.11.2021 | 12 |
| 17 | Online quiz competition on IPR | 02.12.2021 | 237 |
| 18 | Orientation program for M. Pharm student | 31.12.2021 | 30 |
| 19 | Induction program for B Pharm student | 01.12.2022 | 75 |
| 20 | e-Symposium building innovation ecosystem in | 11.01.2022 & | 100 |
| 21 | Career Options And Future Prospects In Pharma | 15.01.2022 | 220 |
| 22 | Orientation session of institution of Innovation | 24.012022 | 20 |
| 23 | Workshop on entrepreneurship skills, attitude and | 02.02.2022 | 310 |
| 24 | Critical thinking and innovation through mind | 03.02.2022 | 248 |
| 25 | Innovation and entrepreneurship management in | 08.02.2022 | 314 |
| 26 | Field visit to Drug Design and research laboratory | 16.02.2022 | 63 |
| 27 | Think Tank 2022-Essay writing competition | 17.02.2022 | 25 |
| 28 | Essay writing competition RESEARCH and | 26.04.2022 | 110 |
| 29 | Improving employability, soft skills, Rubicon's | 16.05.2022 to | 100 |
| 30 | Business Model Canvas | 20.05.2022 | 60 |
| | | | |

TRAINING AND INDUSTRIAL TOUR ACTIVITY:

| Sr. No. | Name of Organization | Number of students |
|---------|------------------------------------|--------------------|
| 1 | Wockhardt Limited | 06 |
| 2 | Adora Pharmaceuticals Ltd. | 04 |
| 3 | Ajanta Pharmaceuticals | 07 |
| 4 | Concept Pharmaceuticals | 03 |
| 5 | Redcross Formulation | 04 |
| 6 | Nagina Herbal | 01 |
| 7 | FDC Limited | 01 |
| 8 | IntasPharma, Ahmedabad | 01 |
| 9 | IntasPharma, Ahmedabad | 02 |
| 10 | Abbott Healthcare Pvt Ltd | 01 |
| 11 | Veegee Products | 06 |
| 12 | Hospital Pharmacist Training | 33 |
| 13 | Truelixir Life Sciences Aurangabad | 01 |
| 14 | UmedicaLabortories Pvt Ltd, Mumbai | 01 |
| 15 | Johnson and Johnson (Ethicon) | 01 |

PLACEMENT ACTIVITY:

1. Placement of B.Pharm Students:

| SN | Name of Organization | Post | Average CTC | Number of students Shortlisted/ Selected |
|----|----------------------------|------------------------|----------------|---|
| 1 | TCS Limited | Trainee Business | 240000/- | 02 |
| 2 | GeBBs Health Care Solution | Medical Coder | 180000/- | 12 |
| 3 | Wockhardt Limited | Apprentice Training | 120000/- | 03 |
| 4 | Johnson and Johnson | Apprentice Training | 120000/- | 01 |
| 5 | Edemera Global | Medical Representative | 264000 | 01 |
| 6 | WNS Global Services | Sr Associate Ops | 697200 | 01 |
| 7 | Sky Biotech | Apprentice Trainee | 120000 | 03 |
| 8 | Microlabs, India | Territory Executive | 280000 | 01 |
| 9 | Datacore Technologies Pvt | Counselor | 258794 | 01 |

Placement of M. Pharm. Students:

| SN | Name of student | Name of Organization |
|----|--------------------------------------|--|
| 1 | AlfiyaNaaz Mirza Fazal Baig | Johnson and Johnson Aurangabad |
| 2 | Andhale Ganesh Pralhad | Hetero Pharma, Hyderabad |
| 3 | Ansari Mohd Farhan Raisuzzaman | DRA, Wockhardt Pharma, Aurangabad |
| 4 | Ansari Tauseef Amjad Hussan | DRA, Hetero Pharma, Hyderabad |
| 5 | Auti Suraj Sudam | Pulse Pharma, Hyderabad |
| 6 | Giradkar Pooja Keshavrao | EncubeEthicals, Mumbai |
| 7 | Mulla MuzmmilahamadNizamoddin | Hetero Pharma, Hyderabad |
| 8 | PatmasMinakshi Arun | TCS, Pune |
| 9 | Binmazi Saleh Mubarak | Reliable Coaching Institute |
| 10 | Shaikh Abdul Latif Abdul Raees | Rahat Medical, Aurangabad |
| 11 | Wankhede Pooja Sunil | Late B. Y .YPathrikar College of Pharmacy, Phulambri |
| 12 | Hade Priyanka Machhindra | Shree Goraksha College of Pharmacy, Aurangabad |
| 13 | Kharat Vishal Baburao | GeBBs Healthcare Pvt. Ltd. Aurangabad |
| 14 | Mohammadi Sultan Shaikh | Research Assistant at Prime editors, Aurangabad |
| 15 | Quazi Adil Jameel | Infill Life sciences, Aurangabad |
| 16 | Salwa Raees Barbud | VSS Institute of Pharmacy, Badnapur |
| 17 | Shaikh Anjum Shoukat | Shivlingeshwar College of Pharmacy, Almala |
| 18 | Shaikh MahveenFatemaMohd Ismail | Pristyn Research Solution, Aurangabad |
| 19 | Bhople Kiran Balaji | Cognizant Technology Solutions India Pvt. Ltd. Mumbai |
| 20 | Inamdar Sana Kausar Sayed Jahid | Tata Consultancy Services, Pune |
| 21 | Naiknaware Raman Bhaskar | Programmer Analyst, Cognizant Technology Solutions India |
| 22 | Shaikh Nawaz Uddin Shaikh Ayaz Uddin | GeBBs Healthcare Pvt. Ltd. Aurangabad |
| 23 | SyedaDarakshaFatema Syed Matinuddin | Aurangabad College of Pharmacy, Aurangabad |
| 24 | Yash Thole | Ajanta Pharma, Mumbai |
| 25 | Shrinath Kale | Ajanta Pharma |
| 26 | RajeshreeThokal | TCS, Pune |
| 27 | Raman Bhaskar Naiknaware | Cognizant Technology Solutions India Pvt. Ltd. Mumbai |

STUDENTS FOR HIGHER STUDIES:

| SN | Name of Institute | No. of students |
|----|--|-----------------|
| 1 | Y. B. Chavan College of Pharmacy, Aurangabad | 12 |
| 2 | Government College of Pharmacy, Aurangabad | 4 |
| 3 | SRTM University Nanded | 4 |
| 4 | School of P'cal Education and Research, Jamia Hamdard, New Delhi | 5 |
| 5 | National institute of Pharmaceutical Education & Research, Hyderabad | 3 |
| 6 | National institute of Pharmaceutical Education & Research, Ahmedabad | 2 |
| 7 | National institute of Pharmaceutical Education & Research, Raebareli | 3 |
| 8 | National institute of Pharmaceutical Education & Research, Mohali | 1 |
| 9 | National institute of Pharmaceutical Education &Research, Hajipur | 1 |
| 10 | Vedprakash college of Pharmacy Aurangabad | 3 |
| 11 | Shreeyash Institute of P'cal education & research Aurangabad | 1 |
| 12 | D. Y. Patil College of Pharmacy, Pimpri Pune | 1 |
| 13 | Poona College of Pharmacy, Pune | 1 |
| 14 | Ali-Allana College of Pharmacy, Akkalkuwa | 1 |
| 15 | RBT College of Pharmacy Aurangabad | 2 |
| 16 | JSPM's Jayawant Institute of Management Studies, Pune | 2 |
| 17 | Pune Institute of Business Management | 1 |
| | Total student joined for higher student | 47 |
| | | |

MoU WITH INDUSTRIES:

| Name of Industry/ Institute with address | Authorized person with | Date of MOU |
|---|------------------------|-------------|
| | designation | |
| Educare Globus (PharmaEducare), Nagpur (MS) | Director | 13.05.2022 |
| Atal Incubation Center, Dr. BAMU Aurangabad | Director | 24.02.2022 |

INDUSTRIAL VISIT ORGANIZED:

| Date | Name of Industry/ Organization | Number of students | Remark |
|------------|---|--------------------|-------------------------|
| 26/07/2021 | Bajaj Incubation Center, Dr. BAMU Aurangabad | 15 | In association with IIC |
| | | | |

INDUSTRIAL CONSULTANCIES:

| Name of faculty /Chief Consultant | Client Organization | Title of project | Amount received (in Rupees) |
|--------------------------------------|---|---|-----------------------------|
| Dr. S.R. Lahoti | Alkem Laboratories Ltd. Taloja, New Mumbai | Ex- Vivo Comparative Permeation of some External Products | 85000/- |
| Dr S. R. Lahoti | Alkem Laboratories Ltd. Taloja, New Mumbai | Comparative Transdermal Permeation of two products | 65000/- |
| Dr Furquan Khan | Lupin Limited (Research Park) A-28/, MIDC Chikalthana Aurangabad. | Sugar Coating of Tablets | 30000/- |

RESEARCH GRANT FETCHED:

| Name of | Title | Principal | Amount in |
|----------|--|--------------|-----------|
| scheme | | Investigator | Lakh INR |
| EMEQ, | TargettingKRAS mutant with a Covalent G12C | Dr. S. N | 48.23 |
| SERB DST | Specific Inhibitor: Design, Synthesis & Anticancer | Mokale | |
| | Screening of KRASG12C inhibitor for KRAS | | |
| | Mutant Cancers. | | |

RESEARCH AND PATENT PUBLICATION:

Total no. of publication for the year 2021-22 are 49 in Scopus index journals

| S N | Title of paper | Name of the author/s | Name of journal | Year of publicati on |
|--------|---|---|--|----------------------|
| 1 | Studies on methanolic extract of momordicacymbalariafenzl roots for neuroprotective activity in vincristine- induced peripheral neuropathy | DHAFER SHAHER MOHAMMED NOMAN, MOHAMED HASSAN DEHGHAN, RAJU KONERI, DEEPAK KUMAR JHA | GIS SCIENCE JOURNAL | 2022 |
| 2 | A Comprehensive Review On Medicinal Plant: Aegle Marmelos (Linn) Correa | Saliya Parveen Gulam Rasool and Mohamed Hassan Dehghan | European Journal Of Pharmaceutic al And Medical Research | 2022 |
| 3 | Phytochemical and Pharmacological Evaluation of Ethanolic Extract of Moringa Oleifera as Neuroprotective Agent in Vincristine Induced Peripheral Neuropathy | DHAFER SHAHER MOHAMMED NOMAN, MOHAMED HASSAN DEHGHAN | Journal of Science and Technology | 2022 |
| 4 | Formulation and Optimization of Novel Bilayer Mucoadhesive Polymeric | P Chudiwal, S Lahoti | International Journal of Pharmaceutic | 2021 |

| | Films: Defolding and | | al Science | |
|-----|---------------------------------|--|-------------------------|--------------|
| | Gastroretention | | Invention | |
| | Application of Carbon | S Khan, P Jawlikar, S Lahoti, J Sangshetti | Current | |
| | Nanotubes In Drug Delivery | 5 Islan, 1 Sawlikar, 5 Earlott, 5 Sangshetti | Pharmaceutic | |
| 5 | of Non-cancerous Diseases: A | | al Design | 2021 |
| | Review | | ai Design | |
| | A Review on Current Scenario | R Patil, M Wani, D Limaye, P Patil, A Zade, M | Annals of the | |
| | in Drug-Loaded Nanocapsules | Dehghan | Romanian | |
| 6 | in Cancer Treatment | Deligitati | | 2021 |
| | in Cancer Treatment | | Society for | |
| | RP-HPLC method | DDIVADADCINI Communica I AHOTI Communica | Cell Biology Journal of | |
| | | PRIYADARSINI, Sowmya; LAHOTI, Swaroop | Research in | |
| 7 | development and validation | Rameshwarji | | 2022 |
| | for quantification of letrozole | | Pharmacy | |
| | solid lipid nanoparticle. | | T 1' T 1 | |
| | Pazopanib Colon Targeted | Swaroop Lahoti1, Mukesh Kumar, Sulbha Gaikwad | Indian Journal | |
| | Liposomal Drug Delivery for | | of Pharm Edu | |
| 8 | Colorectal Cancer: High- | | Research | 2022 |
| _ | pressure Homogenization | | | |
| | Process Optimization and in- | | | |
| | vivo Evaluation | | . | |
| | Quality by Design: | Sowmya Priyadarsini*, Swaroop Rameshwarji Lahoti | Indian Journal | |
| 9 | Optimization of Letrozole | | of Pharm Edu | 2022 |
| | Solid Lipid Nanoparticle for | | Research | _~~ _ |
| | Breast Cancer | | | |
| | RP-HPLC Method | Sachin B. Gholve, Jaiprakash N. Sangshetti, | Journal of | |
| | Development and Validation | Omprakash G. Bhusnure, Ram S. Sakhare, Pratap | Pharmaceutic | |
| 10 | for the Estimation of | H. Bhosale and Md. Ismail Mouzam | al Research | 2021 |
| 10 | Lansoprazole in Presence of | | International | 2021 |
| | Related Substances by QbD | | | |
| | Approach | | | |
| | Phytochemical, Histochemical | SS Shaikh, AS Bawazir, BA Yahya | Turkish | |
| | and in-vitro Antimicrobial | | Journal of | |
| 11 | Study of Various Solvent | | Pharmaceutic | 2021 |
| 11 | Extracts of Costusspeciosus | | al Science | 2021 |
| | (J.Koenig) Sm. and | | | |
| | Costuspictus D. Don | | | |
| | QbD-Based Development and | BA Yahya, AS Bawazir, JN Sangshetti | Analytical | |
| | Validation of an Efficient | | Chemistry | |
| | RPHPLC Method for | | Letters | |
| 12 | Estimation of Abiraterone | | | 2021 |
| | Acetate in Bulk, Tablet, and | | | |
| | In-House-Developed Nano- | | | |
| | Formulation | | | |
| | Activity of mushrooms against | LAS Al-Faqeeh, R Naser, SR Kagne, SW Khan | GSC | |
| 13 | diabetic and inflammation: a | | Biological and | 2021 |
| 13 | review | | Pharmaceutic | 2021 |
| | | | al sciences | |
| | Nutritional values, ethno- | LAS Al-Faqeeh, R Naser, SR Kagne, SW Khan | European | <u> </u> |
| | medicinal uses and antioxidant | | Journal of | |
| 1.4 | activity of mushrooms: a | | Biomedical | 2021 |
| 14 | review | | AND | 2021 |
| | | | Pharmaceutic | |
| | | | al sciences | |
| | Alysicarpus vaginalis Bio- | NS Sakle, SA More, SN Mokale | Nutrition and | <u> </u> |
| | Actives as ESR Signaling | | Cancer. | |
| 15 | Pathway Inhibitor for Breast | | | 2021 |
| | Cancer Treatment: A Network | | | |
| | Pharmacology Approach | | | |
| | Pyridine/pyrimidine | S Mokale, D Lokwani, A Mujaheed | Current HIV | |
| | Substituted Imidazol-5-one | ,, | research | |
| 16 | Analogs as HIV-1 RT | | | 2021 |
| _ | Inhibitors: Design, Synthesis, | | | |
| | Docking and Molecular | | | |
| | 2 coming and microcalar | <u> </u> | 1 | |

| | Dynamic Simulation Studies. | | | |
|----|--|---|--|------|
| 17 | Theoretical and experimental verification of molecular properties of novel benzamide derivatives using computational platforms and in vitro antibacterial activity | PM Wanjari, SN Mokale, AV Bharati | Medicinal Chemistry Research | 2021 |
| 18 | Design and Synthesis of N-4- (substituted benzylidene)-N-2- (4chloropyrimidin-2-yl)-6, 7- dimethoxyquinazoline-2, 4- diamines as Anticancer Agents | More S. A., Sakle N.S., Mokale S.N. | Malasian Journal of Chemistry | 2022 |
| 19 | Evaluation of in vitro anticancer, antimicrobial and antioxidant activities of new Cu(II) complexes derived from 4(3H)-quinazolinone: Synthesis, crystal structure and molecular docking studies | PanchsheelaUbale , Santosh Mokale, Shweta More , Shailesh Waghamare d, Vikramsinh More d, NethajiMunirathinam e, Suma Dilipkumar e, Rajesh Kumar Das | Journal of Molecular Structure | 2022 |
| 20 | The anti-leukemic potential of <i>Cycleapeltata</i> as validated by phytochemical and cell line studies | Une Hemant Devidas, Bhagure Lalita Bhansidas | Research Journal of Pharmacy and Technology | 2022 |
| 21 | Rectification of Pulmonary Toxicity by Natural Chelators in Lead-Induced Poisoning in Rats | QNNA Ali, SA Al | International Journal of Research and Analytica Reviews | 2021 |
| 22 | Liposomes chemistry, manufacturing and control: Regulatory perspective | SU Aftaab, SA Ali | International Journal of Research and Analytica Reviews | 2021 |
| 23 | Gastro-protective effect of Natural Chelators in Lead induced gastrointestinal toxicity in rats. | Quadri Neha Nausheen Adil Ali, Syed Ayaz Ali | International Journal of Pharmaceutic al Research and Applications | 2021 |
| 24 | Alysicarpus vaginalis Bio- Actives as ESR Signaling Pathway Inhibitor for Breast Cancer Treatment: A Network Pharmacology Approach | NS Sakle, SA More, SN Mokale | Nutrition and Cancer. | 2021 |
| 25 | Alleviation of hepatotoxicity by natural chelators in lead- induced poisoning in rats | Quadri Neha Nausheen Adil Ali , Syed Ayaz Ali | Journal of Reports in Pharmaceutic al Sciences | 2022 |
| 26 | Gastro-protective effect of Natural Chelators in Lead induced gastrointestinal toxicity in rats. | Quadri Neha Nausheen Adil Ali , Syed Ayaz Ali | International Journal of Pharmaceutic al Research and Applications | 2021 |
| 27 | Amelioration of Hepato-renal Impairment by Natural Chelators in Lead-induced Poisoning in Rats | Quadri Neha Nausheen, Syed Ayaz Ali, Shoaeb Mohammad Syed, Tarannum Rashid Patave | Indian Journal of Pharm Edu Research | 2022 |
| 28 | Benzopyranyl Phosphonate and β-Phosphono Malonates Derivatives: An Exciting Breakthrough in Chemistry | SU Deshmukh, JN Sangshetti, SV Bhosale | ChemistrySel ect, Wiley online library | 2021 |

| | | <u>, </u> | | |
|----|--|--|--|------|
| 29 | A copper-catalyzed synthesis of aryloxy-tethered symmetrical 1,2,3-triazoles as potential antifungal agents targeting 14 α-demethylase† | Tejshri R. Deshmukh, Vijay M. Khedkar, Rohit G. Jadhav, Aniket P. Sarkate, Jaiprakash N. Sangshetti, Shailee V Tiwari | New Journal of Chemistry | 2021 |
| 30 | New 1,2,3-Triazole-Appended Bis-pyrazoles: Synthesis, Bioevaluation, and Molecular Docking | AB Danne, MV Deshpande, JN Sangshetti | ACS | 2021 |
| 31 | One pot synthesis, in silico study and evaluation of some novel flavonoids as potent topoisomerase II inhibitors | AP Sarkate, VS Dofe, SV Tiwari, DK Lokwani, JN Sangshetti | Bioorganic & Medicinal | 2021 |
| 32 | Development of novel, biocompatible, polyester amines for microglia-targeting gene delivery | B Choi, MH Ahn, S Hong, EE Barcelon, J Sangshetti | RSC Advances | 2021 |
| 33 | Application of Carbon Nanotubes In Drug Delivery of Non-cancerous Diseases: A Review | S Khan, P Jawlikar, S Lahoti, J Sangshetti | Current Pharmaceutic al Design | 2021 |
| 34 | QbD-Based Development and Validation of an Efficient RPHPLC Method for Estimation of Abiraterone Acetate in Bulk, Tablet, and In-House-Developed Nano- Formulation | BA Yahya, AS Bawazir, JN Sangshetti | Analytical Chemistry Letters | 2021 |
| 35 | Phytochemical, Histochemical and in-vitro Antimicrobial Study of Various Solvent Extracts of Costusspeciosus (J.Koenig) Sm. and Costuspictus D. Don | SS Shaikh, AS Bawazir, BA Yahya | Turkish Journal of Pharmaceutic al Science | 2021 |
| 36 | Quality by Design Approach in the Formulation of Glibenclamide Mucoadhesive Buccal Films | SS Shaikh, BA Yahya | Analytical Chemistry Letters | 2021 |
| 37 | A copper-catalyzed synthesis of aryloxy-tethered symmetrical 1,2,3-triazoles as potential antifungal agents targeting 14 α-demethylase | Tejshri R. Deshmukh, Vijay M. Khedkar, Rohit G. Jadhav, Aniket P. Sarkate, Jaiprakash N. Sangshetti, Shailee V. Tiwarif | New Journal of Chemistry | 2021 |
| 38 | Nanoscience | Sangshetti, Jaiprakash N. | Current Pharmaceutic al Design | 2021 |
| 39 | Design, molecular modeling, synthesis and biological evaluation of novel pyrazole based schiff Bases as fungal biofilm inhibitors | Manoj Gangadhar Damale, Santosh Subash Chajjed, Santosh DattatreyaShelke, Rajendra Harischandra. Patil, J N Sangshetti | Journal of Medicinal Pharm and Allied Science | 2022 |
| 40 | Exploring Anticandidal And Antibiofilm Potentials Of Synthesized N- (Substitutedbenzylidene)-4,6- Dimethoxypyrimidin-2-Amine Analogues | Shahebaaz K. Pathan, Rajendra H. Patil and Jaiprakash N. Sangshetti | Bulletin of Pharmaceutic al Sciences | 2022 |
| 41 | RP-HPLC Method Development and Validation for the Estimation of Lansoprazole in Presence of Related Substances by QbD Approach | Sachin B. Gholve, Jaiprakash N. Sangshetti, Omprakash G. Bhusnure, Ram S. Sakhare, Pratap H. Bhosale and Md. Ismail Mouzam | Journal of Pharmaceutic al Research International | 2021 |

| | T | T | | |
|-----|--|--|-----------------|------|
| | Docking Simulations and | | Polycyclic | |
| | Primary Assessment of Newly | Ramesh | Aromatic | |
| | Synthesized Benzene | Shingare, Yogesh Patil, Jaiprakash Sangshetti, Rajesh Pa | Compounds | |
| 42 | Sulfonamide Pyrazole | til,Dhanji Rajani &Balaji Madje | | 2022 |
| | Oxadiazole Derivatives as | | | |
| | Potential Antimicrobial and | | | |
| | Antitubercular Agents | | | |
| | Bioanalytical Method | PV Duse, KG Baheti | Journal of | |
| | Development and Validation | | Pharmaceutic | |
| 43 | for the Determination of | | al Research | 2021 |
| | Favipiravir in Spiked Human | | International | |
| | Plasma by using RP-HPLC | | | |
| | 4-Aminoantipyrine Analogs as | Q Yasar, Z Zaheer | International | |
| | Anti-inflammatory and | | Journal of | |
| 44 | Antioxidant agents: Synthesis, | | pharmaceutica | 2021 |
| | Biological Evaluation and | | 1 Investigation | |
| | Molecular Docking Studies | | C | |
| | An Overview of Diabetic Foot | Mirza Shahed Baig, Ahmadi Banu, MehrukhZehravi | MDPI | |
| | Ulcers and Associated | <u> </u> | | |
| 45 | Problems with Special | | | 2022 |
| | Emphasis on Treatments with | | | |
| | Antimicrobials | | | |
| | Bioanalytical Method | Pallavi V. Duse and Kamalkishor G. Baheti | Journal of | |
| | Development and Validation | | Pharmaceutic | |
| 46 | for the Determination of | | al Research | 2021 |
| | Favipiravir in Spiked Human | | International | |
| | Plasma by using RP-HPLC | | | |
| | Box behnken design for | Surawase Rajendra K, Baheti Kamalkishor G | Research | |
| 1.7 | optimization of mirabegron | , , , , , , , , , , , , , , , , , , , | Journal of | 2022 |
| 47 | solid dispersion by fluidized | | Pharmacy and | 2022 |
| | bed processing | | Technology | |
| | Investigating optical, | M Anis, SS Hussaini, MI Baig, MI Anis | Journal of | |
| | electrical, and mechanical | · · · · · · · · · · · · · · · · · · · | Materials | |
| 48 | traits of thiourea admixtured | | Science: | 2021 |
| | KDP single crystals to explore | | Materials of | |
| | NLO device applications | | Electronics | |
| | | V. Duse, Pallavi G. Baheti. Kamalkishor | Journal of | |
| | | | | |
| 49 | | | | 2021 |
| | | | | |
| | Plasma by using RP-HPLC | | | |
| 49 | Bioanalytical Method Development and Validation for the Determination of Favipiravir in Spiked Human | V. Duse, Pallavi G. Baheti, Kamalkishor | | 2021 |
| | Plasma by using RP-HPLC | | | |

PATENTS ACCPETED / PUBLISHED /GRANTED DURING 2021-22

| SN | TITLE | APPLICATION NO. | INVENTORS | Status (Published / Granted with date) |
|----|--|--|--|--|
| 1 | Biodegradable Antibiotic Drug Delivery System and Preparation Thereof | 201641022803 A | Vijayakrishna Kari, Shrikant Sadashivrao Patil , Jaiprakash Sangshetti | Granted 27/11/ 2021 |
| 2 | Quantitative Trait Loci Analysis for assessing Ragrs blast resistance using machine learning technique | 2021106339 (Australian Innovation Patent) | Shukla Piyushkumar, Mitra J Chatterjee, Imran AneesMirza Shahed Baig, Kumar Agrawal | Granted 10/11/2021 |
| 3 | Pharmaceutical Composition For the treatment of diabetic neuropathy and process of preparation thereof | 201921029053 A | Hemant Une, Khan Dureshawar, Mohd Mubasshir | Granted 08/04/2022 |
| 4 | Nanosponge Formulation comprising Ezetimibe | 201921049651 A | Bhusnure O G,Jagtap S R Gholave S B ,Giram P S Sangshetti J N | Published 04/06/2021 |
| 5 | Novel hydroxamic acid derivatives as Histone Deacetylase Inhibitors for the treatment of cancer and process for preparation thereof | 202121043736A | Shubhangi Manikpriya, Imran Anees, Mirza Shahed Baig | Published 29/10/2021 |
| 6 | A novel Process for the Synthesis of Ciclesonide | 202121054088 | Ajit Kharpe, Prashant Netankar, Santosh Mokale | Published 03/12/2021 |
| 7 | A novel Process for the Synthesis of Desfluorotriamcinolone | 202121054089 | Ajit Kharpe Prashant Netankar Santosh Moklae | Published 03/12/2021 |
| 8 | Novel N-4-(Substituted Aryl)N-2-(4-chloropyrimidin-2yl)6,7-dimethoxy quinazoline-2,4 diamines as Anticancer Agents | 20221007599 | Santosh N. Mokale, , Shweta A. More, Nikhilkumar S. Sakle Archana Dhavale | Published 15/04/2022 |
| 9 | Herbal Drug Delivery system of Boswelic acid | 202121057761A | Furquan Khan, Girish Nihalani, Subur Khan | Published 04/02/2022 |

Ph. D. AWARDED TO STUDENT Y. B. CHAVAN COLLEGE OF PHARMACY RESEARCH CENTRE

| SN | Name of the Student | Name of the Research Guide | Year of completion | Year of Registration |
|----|------------------------------------|-------------------------------|--------------------|-------------------------|
| 1 | Dr. Dhafer Shaher A Mohd AlJaleedi | Dr. M H Dehghan | 2022 | 2018 |
| 2 | Dr. Piyush Chudiwal | Dr. Swaroop Lahoti | 2022 | 2015 |
| 3 | Dr. Avish Maru | Dr. Swaroop Lahoti | 2022 | 2015 |
| 4 | Dr. Moizul Hasan | Dr. Syed Ayaz Ali | 2022 | 2015 |
| 5 | Dr Neha Quadri | Dr. Syed Ayaz Ali | 2022 | 2015 |
| 6 | Dr Syed Iftequar Ahmed | Dr. Zahid Zaheer | 2022 | 2015 |
| 7 | Dr Milind Kamble | Dr. Zahid Zaheer | 2022 | 2015 |
| 8 | Dr Nitin Gawai | Dr. Zahid Zaheer | 2022 | 2015 |
| 9 | Dr ManojDamale | Dr. Jaiprakash Sangshetti | 2022 | 2018 |
| 10 | Dr. Anasuya Manubhai Patel | Dr. Santosh Mokale | 2021 | 2015 |
| 11 | Dr. SayedaShahana | Dr. A. G. Nikalje | 2021 | 2015 |
| 12 | Dr. KaziMarzuka | Dr. M H Dehghan | 2021 | 2015 |
| 13 | Dr. SuhasKakade | Dr.M H Dehghan | 2021 | 2015 |
| 14 | Dr. Deshpande Trupti | Dr. Hemant Une | 2021 | 2015 |
| 15 | Dr. Sachin B Gholve | Dr. Jaiprakash Sangshetti | 2021 | 2015 |
| 16 | Dr. Mukesh Kumar | Dr. Swaroop Lahoti | 2021 | 2015 |

| BO | BOOK PUBLICATION: | | | | |
|----|--|--------------------|--------------|-------------------|--|
| SN | Name of the book | Authors | Publisher | ISBN no | |
| 1 | Polysaccharide Nanoparticles | Dr J N Sangshetti | ELSEVIER | 9780128223512 | |
| 2 | Botanical Research and Practices | Dr Khan Dureshawar | Nova Science | 978153697679 | |
| 3 | Textbook of Advanced Instrumentation Texhniques | Dr J N Sangshetti | Everest | 978-81-766038-1-2 | |
| 4 | Machine Learning Approaches and Applications in Applied Intelligence for Healthcare Data Analytics | Dr J N Sangshetti | CRC Press | 9781000539974 | |

COMMEMORATIVE DAYS CELEBRATED: -

| SN | Name of Day | Date | Purpose |
|----|------------------------------|------------|---|
| 1 | Yoga Awareness | 30.05.2022 | Awareness of benefits of practicing yoga |
| | (21.05.2022 to 21.06.2022) | | |
| 2 | World IPR Day | 26.04.2022 | Encouraging innovation and creativity |
| 3 | International Women's Day | 08.03.2022 | Women's achievements, awareness about gender |
| | | | inequities, support for women worldwide. |
| 4 | National Road Safety Day | 04.02.2022 | Educate & create awareness of traffic rules and |
| | | | safety on the road |
| 5 | National Girl Child Save Day | 24.01.2022 | Raise awareness of rights of a girl, eliminate gender |
| | | | biases and emphasize the importance of education, |
| | | | health, nutrition |
| | | | |
| 6 | World Entrepreneur's Day | 24.08.2021 | To Marks the achievements and efforts of |
| | | | entrepreneurs |

EXTRA-CURRICULAR ACTIVITY (CULTURAL):

Various extra-curricular activities(cultural) were organized during 2021-22

- ✓ Paper Dressing
- ✓ Mehandi competition
- ✓ Chain Reaction
- ✓ Musical Fish Pond
- ✓ Non-Musical Fish Pond
- ✓ Flameless cooking
- ✓ Rangoli competition
- ✓ Singing
- ✓ Group Dance

1. No. of IQAC meeting conducted 2. Collaboration/MoU with another institute 3. Participation in NIRF ranking 4. No. of Orientation program on quality issue 5. No. of Internal quality audit 6. ISO Certification available 7. Green Audit certification (ISO-14001:2015)

DATE: 19th December 2012

Y. B. CHAVAN

Principal
Y. B. Chaven College of Pharmaci
Aurangabad.