

# National Institutional Ranking Framework

Ministry of Education

Government of India

Welcome to Data Capturing System: INNOVATION

## Submitted Institute Data for NIRF'2024'

Institute Name: Vivekanand Education Society's College of Pharmacy [IR-I-C-33553]

### Sanctioned (Approved) Intake

| Academic Year           | 2022-23 | 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 |
|-------------------------|---------|---------|---------|---------|---------|---------|
| UG [4 Years Program(s)] | 100     | 100     | 100     | 100     | -       | -       |
| PG [2 Year Program(s)]  | 45      | 45      | -       | -       | -       | -       |

### Total Actual Student Strength (Program(s) Offered by Your Institution)

| (All programs of all years) | No. of Male Students | No. of Female Students | Total Students | Within State (Including male & female) | Outside State (Including male & female) | Outside Country (Including male & female) | Economically Backward (Including male & female) | Socially Challenged (SC+ST+OBC Including male & female) | No. of students receiving full tuition fee reimbursement from the State and Central Government | No. of students receiving full tuition fee reimbursement from Institution Funds | No. of students receiving full tuition fee reimbursement from the Private Bodies | No. of students who are not receiving full tuition fee reimbursement |
|-----------------------------|----------------------|------------------------|----------------|--|---|---|---|---|--|---|--|--|
| UG [4 Years Program(s)]     | 154                  | 288                    | 442            | 442                                    | 0                                       | 0   | 77  | 63  | 40   | 0   | 0  | 100  |
| PG [2 Year Program(s)]      | 28                   | 58                     | 86             | 86                                     | 0                                       | 0   | 14  | 27  | 6  | 0   | 0  | 35   |

### Start up recognized by DPIIT/startup India

| Name of Venture | Year of recognition by DPIIT/startup India | DPIIT/Start up India Registration No. |
|-----------------|--|---------------------------------------|
| 0               | 2022-23                                    | 0                                     |
| 0               | 2021-22                                    | 0                                     |
| 0               | 2020-21                                    | 0                                     |

### Startups which have got VC investment in previous 3/5 years

| Name of startups | Amount received | Organisation Name | Year of receiving VC investment |
|------------------|-----------------|-------------------|---------------------------------|
| NA               | 0               | NA                | 2020-21                         |

### FDI investment in previous 3/5 years

| Name of startups | FDI investment received | Year of receiving FDI investment |
|------------------|-------------------------|----------------------------------|
| NA               | 0                       | 2020-21                          |

### Innovation grant received from govt. organization in previous 3/5 years

| Name of Government organisation from which grant is received | Amount of Grant received | Year of receiving grant |
|--|--------------------------|-------------------------|
| University of Mumbai   | 35000                    | 2022-23                 |
| University of Mumbai   | 100000                   | 2022-23                 |

## Patents

| Calendar year            | 2022 | 2021 | 2020 |
|--------------------------|------|------|------|
| No. of Patents Published | 1    | 1    | 0    |
| No. of Patents Granted   | 2    | 0    | 0    |

## Innovations at various stages of Technology Readiness Level

| Number of innovations  | Stage of technology |
|--|---------------------|
| Computational study of Mycobacterial iron transport system as a target for novel antitubercular agents                 | Level 2             |
| Microplastics a silent killer  | Level 2             |
| Eazy QRC: Scanning towards easy healthcare   | Level 2             |
| SUMOSOME CR - A Targeted Release Sumatriptan Novel Drug Delivery System for Acute Migraine Attacks                     | Level 2             |
| Herbal based biodegradable mask  | Level 2             |
| 5 PLUS 2': A NOVEL PROPHYLACTIC THERAPY TO AVERT BREAST CANCER   | Level 2             |
| Formulation of Rifabutin -Based Rescue Therapy and seeds of Osicum Basilicum to eradicate Helicobacter Pylori Disease. | Level 2             |
| Gell-O Long-lasting Sanitizer  | Level 2             |
| herbal solution of topical applications for vitiligo treatment   | Level 2             |
| Chewable Tablets : Enhancing Immunity and cell regeneration by using natural immunomodulators for Armed Forces         | Level 2             |
| Congeso Clear: A Novel Microemulsion Herbal Nasal Spray For Treatment of Allergic Rhinitis                             | Level 2             |
| Emetine and Ondansetron sprinkle capsules for the treatment of amoebiasis  | Level 2             |
| Dual drug-loaded nanoparticles on self-integrated scaffold for controlled delivery                                     | Level 2             |
| Preparation of Tinidazole Nano suspension for Gastro-retentive drug delivery   | Level 2             |
| DETECT. PREVENT. LIVE.   | Level 2             |
| HYPOSAL-Treatment for Ptyalism in pets.  | Level 2             |
| Ketorolac tromethamine polymeric nanoparticulate mouth spray for local action  | Level 2             |
| Sensocure - complete care for diabetic foot ulcers.  | Level 2             |
| Cowrie shells- A new-fangled approach for treatment of congestive heart failure(CHF).                                  | Level 2             |
| Combination of Antimicrobial drugs with Essential oils: New avenues in fighting antimicrobial resistance               | Level 2             |
| Novel biocidal film forming hand sanitizer glove   | Level 2             |
| LuliFoam: Antifungal Vaginal foam to combat Fungal Vaginitis   | Level 2             |
| MinoSpray: A novel film forming Minoxidil nanoparticle spray for combating Alopecia                                    | Level 2             |
| CairSpray-The Herbal fix for Clean and Healthy Hair  | Level 2             |
| Development and Evaluation of Herbal Emulgel   | Level 2             |
| Safe and Effective Herbal alternative to chemotherapy for treatment of breast cancer                                   | Level 2             |

|   |         |
|---|---------|
| Best out of waste antioxidant Bromelain sunscreen   | Level 2 |
| Stressometer – a rapid detection of Cortisol level using a Point-of-care diagnostics  | Level 2 |
| The MedicoWaste App – A step towards efficient disposal of waste digitally!   | Level 2 |
| Curcumin Film Forming Microemulsion   | Level 2 |
| DESIGN, SYNTHESIS AND ANALYSIS OF A PRODRUG FOR API   | Level 2 |
| Development and Validation of a Quality of Life Scale for Coronary Artery Disease Patients in India   | Level 2 |
| Drug delivery approach achieved by oral microneedles in enteric coated capsule  | Level 2 |
| Antifungal/Antibacterial Lipstick   | Level 2 |
| Design & Development of Salmeterol microneedle transdermal patch  | Level 2 |
| Design and Evaluation of Anti-infective Microemulsion Gel of Essential Oil  | Level 2 |
| Medicated sutures: A herbal savior for inflammation and wound healing   | Level 2 |
| Computational Design of a Potential Biomimic against SARS-CoV-2 virus   | Level 2 |
| Orodispersible granules of Pomegranate Pericarp Extract – An effective Dietary Supplement.  | Level 2 |
| Development of a green method for the estimation of beta lactam antibiotics (penicillin, cephalosporins).Smart Novel Ophthalmic in-situ gel for treating multiple eye syndromes | Level 2 |
| Virtual screening, synthesis and structure elucidation of coumarin compounds as potential inhibitors of the M. tuberculosis FtsZ protein  | Level 2 |
| Design, synthesis and characterization of lead molecule for Polycystic Ovary Syndrome   | Level 2 |
| Go Allergy' Marshmallow: an antiallergic confectionary for kids   | Level 2 |
| Chew on This: Gum that relieves tension   | Level 2 |
| Potentiating antifungal activity of drug with herbal functional excipient: Strategy to Battle Antimicrobial Resistance  | Level 2 |
| Safe and Effective Herbal alternative to chemotherapy for treatment of breast cancer  | Level 2 |

#### Ventures/startups grown to turnover of 50 lacs

| Name of startups | Company's Turnover | Financial Year |
|------------------|--------------------|----------------|
| NA               | 0                  | 2020-21        |

#### Alumni that are Founders of Forbes/Fortune 500 companies

| Name of the Alumni | Program passed from | Year of passing | Founder of company |
|--------------------|---------------------|-----------------|--------------------|
| NA                 | NA                  | 0               | NA                 |

#### Pre-incubation:expenditure/income

| Financial Year  | 2022-23 | 2021-22 | 2020-21 |
|---|---------|---------|---------|
| Number of Pre-incubation units                                    | 0       | 0       | 1       |
| Expenditure on pre-incubation activities                          | 0       | 0       | 0       |
| Income generated by institution through pre-incubation activities | 0       | 0       | 3000    |

**Incubation:expenditure/income**

| Financial Year  | 2022-23 | 2021-22 | 2020-21 |
|---|---------|---------|---------|
| Number of Incubation units                                    | 0       | 0       | 0       |
| Expenditure on Incubation activities                          | 0       | 0       | 0       |
| Income generated by institution through Incubation activities | 0       | 0       | 0       |

**FDP**

| Academic year | Title of Course   | FDP Sponsored /Supported by | Certificate Program Offering Department/Centre/ Unit Name | Program Start Date | Program End Date |
|---------------|---|-----------------------------|---|--------------------|------------------|
| 2022-23       | Faculty Development Programme Research and Innovation Ecosystem in Academics- Need of the Hour on "Developing Research and Innovation Ecosystem in Academics" | AICTE                       | Vivekanand Education Society's College of Pharmacy        | 2022-09-12         | 2022-09-16       |
| 2022-23       | Aavishkar Research Convention workshop-2022   | University of Mumbai        | Vivekanand Education Society's College of Pharmacy        | 2022-08-25         | 2022-08-25       |

**Academic Courses in Innovation, Entrepreneurship and IPR**

| Academic year | Title of Course                             | Course Code | Type of Course  | Level of Course(UG/PG/PhD) | Course Offering Department/Centre/ UnitName | Total Credit Score |
|---------------|---|-------------|-----------------|----------------------------|---|--------------------|
| 2020-21       | Audits and regulatory compliance            | MQA203T     | Core Course     | PG                         | VES College of Pharmacy                     | 4                  |
| 2020-21       | Intellectual Property Rights                | BPH_E_709_T | Elective Course | UG                         | VES College of Pharmacy                     | 2                  |
| 2020-21       | Live Project                                | BPH_E_805_D | Core Course     | UG                         | VES College of Pharmacy                     | 6                  |
| 2020-21       | Pharmaceutical Jurisprudence                | BPH_C_705_T | Core Course     | UG                         | VES College of Pharmacy                     | 3                  |
| 2020-21       | Pharmaceutical Manufacturing Technology     | MQA204T     | Core Course     | PG                         | VES College of Pharmacy                     | 4                  |
| 2020-21       | Product Development and Technology Transfer | MQA104T     | Core Course     | PG                         | VES College of Pharmacy                     | 4                  |
| 2020-21       | Quality Control and Quality Assurance       | MQA103T     | Core Course     | PG                         | VES College of Pharmacy                     | 4                  |
| 2020-21       | Quality Management System                   | MQA102T     | Core Course     | PG                         | VES College of Pharmacy                     | 4                  |
| 2020-21       | Regulatory Affair                           | MPH104T     | Core Course     | PG                         | VES College of Pharmacy                     | 4                  |
| 2020-21       | Research Project                            | MRM304EW    | Core Course     | PG                         | VES College of Pharmacy                     | 14                 |
| 2020-21       | Research Project                            | MRM403EW    | Core Course     | PG                         | VES College of Pharmacy                     | 16                 |
| 2020-21       | Research Project                            | PhdS103     | Core Course     | PHD                        | VES College of Pharmacy                     | 10                 |
| 2020-21       | Research Project                            | Phd C106    | Core Course     | PHD                        | VES College of Pharmacy                     | 10                 |
| 2021-22       | Audits and regulatory compliance            | MQA203T     | Core Course     | PG                         | VES College of Pharmacy                     | 4                  |
| 2021-22       | Biostatistics and Research Methodology      | BP801T      | Core Course     | UG                         | VES College of Pharmacy                     | 4                  |
| 2021-22       | Live Project                                | BP814PW     | Core Course     | UG                         | VES College of Pharmacy                     | 6                  |

|         |   |          |             |     |                         |    |
|---------|---|----------|-------------|-----|-------------------------|----|
| 2021-22 | Pharmaceutical Jurisprudence                | BP505T   | Core Course | UG  | VES College of Pharmacy | 4  |
| 2021-22 | Pharmaceutical Manufacturing Technology     | MQA204T  | Core Course | PG  | VES College of Pharmacy | 4  |
| 2021-22 | Product Development and Technology Transfer | MQA104T  | Core Course | PG  | VES College of Pharmacy | 4  |
| 2021-22 | Quality Control and Quality Assurance       | MQA103T  | Core Course | PG  | VES College of Pharmacy | 4  |
| 2021-22 | Quality Management System                   | MQA102T  | Core Course | PG  | VES College of Pharmacy | 4  |
| 2021-22 | Regulatory Affair                           | MPH104T  | Core Course | PG  | VES College of Pharmacy | 4  |
| 2021-22 | Research methodology and biostatistics      | MRM301T  | Core Course | PG  | VES College of Pharmacy | 4  |
| 2021-22 | Research Project                            | MRM304EW | Core Course | PG  | VES College of Pharmacy | 14 |
| 2021-22 | Research Project                            | MRM403EW | Core Course | PG  | VES College of Pharmacy | 16 |
| 2021-22 | Research Project                            | PhdS103  | Core Course | PHD | VES College of Pharmacy | 10 |
| 2022-23 | Audits and regulatory compliance            | MQA203T  | Core Course | PG  | VES College of Pharmacy | 3  |
| 2022-23 | Biostatistics and Research Methodology      | BP801T   | Core Course | UG  | VES College of Pharmacy | 4  |
| 2022-23 | Live Project                                | BP814PW  | Core Course | UG  | VES College of Pharmacy | 6  |
| 2022-23 | Pharmaceutical Jurisprudence                | BP505T   | Core Course | UG  | VES College of Pharmacy | 4  |
| 2022-23 | Pharmaceutical Manufacturing Technology     | MQA204T  | Core Course | PG  | VES College of Pharmacy | 4  |
| 2022-23 | Product Development and Technology Transfer | MQA104T  | Core Course | PG  | VES College of Pharmacy | 4  |
| 2022-23 | Quality Control and Quality Assurance       | MQA103T  | Core Course | PG  | VES College of Pharmacy | 4  |
| 2022-23 | Quality Management System                   | MQA102T  | Core Course | PG  | VES College of Pharmacy | 4  |
| 2022-23 | Regulatory Affair                           | MPH104T  | Core Course | PG  | VES College of Pharmacy | 4  |
| 2022-23 | Research methodology and biostatistics      | MRM301T  | Core Course | PG  | VES College of Pharmacy | 4  |
| 2022-23 | Research Project                            | MRM304EW | Core Course | PG  | VES College of Pharmacy | 14 |
| 2022-23 | Research Project                            | MRM403EW | Core Course | PG  | VES College of Pharmacy | 16 |
| 2022-23 | Research Project                            | PhdS103  | Core Course | PHD | VES College of Pharmacy | 10 |

#### Faculty Details

| Srno | Name             | Age | Designation                                   | Gender | Qualification | Experience (In Months) | Currently working with institution? | Joining Date | Leaving Date | Association type |
|------|------------------|-----|---|--------|---------------|------------------------|-------------------------------------|--------------|--------------|------------------|
| 1    | Supriya Shidhaye | 56  | Dean / Principal / Director / Vice Chancellor | Female | Ph.D          | 369                    | Yes                                 | 06-07-2009   | --           | Regular          |
| 2    | Vaishali Jadhav  | 43  | Assistant Professor                           | Female | Ph.D          | 124                    | Yes                                 | 13-12-2021   | --           | Regular          |
| 3    | Vidhi Bhatia     | 48  | Assistant Professor                           | Female | M. Pharm      | 282                    | No                                  | 01-07-2008   | 27-09-2023   | Regular          |

|    |                              |    |                     |        |                    |     |     |            |            |                     |
|----|------------------------------|----|---------------------|--------|--------------------|-----|-----|------------|------------|---------------------|
| 4  | Dr Pushplata K Chougule      | 35 | Assistant Professor | Female | Ph.D               | 108 | Yes | 05-09-2022 | --         | Regular             |
| 5  | Anand Chintakrindi           | 38 | Assistant Professor | Male   | Ph.D               | 140 | Yes | 01-07-2019 | --         | Regular             |
| 6  | Anita Ayre                   | 41 | Associate Professor | Female | Ph.D               | 192 | Yes | 25-07-2017 | --         | Regular             |
| 7  | Ashwini Wani                 | 39 | Assistant Professor | Female | M. Pharm           | 168 | Yes | 01-10-2011 | --         | Regular             |
| 8  | Avinash Suryawanshi          | 35 | Assistant Professor | Male   | M. Pharm           | 132 | Yes | 13-12-2019 | --         | Regular             |
| 9  | Divya Menon                  | 32 | Assistant Professor | Female | Ph.D               | 21  | Yes | 10-06-2021 | --         | Regular             |
| 10 | Dr Aparna Darshan Palshetkar | 42 | Assistant Professor | Female | Ph.D               | 109 | Yes | 15-01-2022 | --         | Regular             |
| 11 | Dr Nagesh Malik              | 63 | Associate Professor | Male   | Ph.D               | 456 | Yes | 14-12-2023 | --         | Visiting            |
| 12 | Dr Pankaj Pathak             | 40 | Other               | Male   | Ph.D               | 180 | Yes | 14-12-2022 | --         | Visiting            |
| 13 | Dr Sumedha Nadkar            | 58 | Associate Professor | Female | Ph.D               | 424 | Yes | 01-07-2023 | --         | Adhoc / Contractual |
| 14 | DrPreeti Dali                | 50 | Other               | Female | Ph.D               | 313 | Yes | 02-01-2023 | --         | Visiting            |
| 15 | Ganga Srinivasan             | 57 | Professor           | Female | Ph.D               | 354 | Yes | 10-10-2011 | --         | Regular             |
| 16 | Harsha Kathpalia             | 50 | Assistant Professor | Female | Ph.D               | 306 | Yes | 16-07-2007 | --         | Regular             |
| 17 | Jueeli Shiriskar             | 25 | Assistant Professor | Female | M. Pharm           | 23  | No  | 14-02-2022 | 08-01-2024 | Adhoc / Contractual |
| 18 | Keyur Shastri                | 45 | Assistant Professor | Male   | Master of Pharmacy | 192 | Yes | 01-07-2008 | --         | Regular             |
| 19 | Mamta Venna                  | 31 | Assistant Professor | Female | M. Pharm           | 84  | Yes | 01-06-2021 | --         | Regular             |
| 20 | Mangal Nagrasenker           | 65 | Professor           | Female | Ph.D               | 504 | Yes | 01-02-2018 | --         | Adhoc / Contractual |
| 21 | Mushtaque Shaikh             | 42 | Associate Professor | Male   | Ph.D               | 198 | Yes | 05-10-2017 | --         | Regular             |
| 22 | Neha Chhabra                 | 34 | Assistant Professor | Female | Ph.D               | 55  | Yes | 07-12-2019 | --         | Regular             |
| 23 | Nutan Rao                    | 41 | Associate Professor | Female | Ph.D               | 138 | Yes | 22-11-2021 | --         | Regular             |
| 24 | Ojaskumar Dilipbhai Agrawal  | 40 | Assistant Professor | Male   | M. Pharm           | 184 | Yes | 01-07-2009 | --         | Regular             |
| 25 | Palak Karia                  | 25 | Assistant Professor | Female | Master of Pharmacy | 20  | Yes | 01-09-2022 | --         | Adhoc / Contractual |
| 26 | Pradnya Korlekar             | 37 | Assistant Professor | Female | M. Pharm           | 171 | Yes | 11-07-2012 | --         | Regular             |
| 27 | Pratik Barve                 | 35 | Assistant Professor | Male   | M. Pharm           | 100 | Yes | 26-02-2018 | --         | Regular             |
| 28 | Rajan Kalamkar               | 37 | Assistant Professor | Male   | Ph.D               | 143 | Yes | 23-11-2021 | --         | Regular             |
| 29 | Rajashree Hirlekar           | 54 | Professor           | Female | Ph.D               | 373 | Yes | 19-09-2011 | --         | Regular             |
| 30 | Rajesh K                     | 54 | Assistant Professor | Male   | MSc(Mathematics)   | 309 | Yes | 14-12-2023 | --         | Visiting            |
| 31 | Rashmi Wani                  | 36 | Assistant Professor | Female | Master of Pharmacy | 107 | Yes | 01-08-2019 | --         | Adhoc / Contractual |
| 32 | Reshma Pore                  | 53 | Assistant Professor | Female | Ph.D               | 159 | Yes | 29-09-2021 | --         | Regular             |
| 33 | Reshma Tendulkar             | 45 | Assistant Professor | Female | Ph.D               | 199 | Yes | 13-12-2021 | --         | Regular             |
| 34 | Sonali Munj                  | 39 | Assistant Professor | Female | M. Pharm           | 181 | Yes | 01-10-2010 | --         | Regular             |
| 35 | Sunil Patil                  | 33 | Assistant Professor | Male   | M. Pharm           | 151 | Yes | 06-01-2020 | --         | Adhoc / Contractual |