

Profile of the Faculty



1. General Information:

| | | |
|----------------------------|---|--|
| Name of the Faculty | : | Mr. Sagar Lahanu Khairnar |
| Name of the Department | : | Mathematics |
| Educational Qualifications | : | M.Sc. |
| Present Position | : | Assistant Professor |
| Address for Correspondence | : | N-101, Balaji Residency, Survey Number 100/2, Adai, New Panvel, Tahsil: Panvel, District: Raigad, Navi Mumbai, Maharashtra |
| E-mail | : | sagarkhairnar1604@gmail.com |
| Contact Number | : | +91 8070366690, +91 9326899746 |
| Specialization | : | Mathematics |
| Total teaching experience | : | 07 Years |
| Courses taught | : | F.Y.B.Sc., S.Y.B.Sc., F.Y.B.Com. |
| Research experience | : | 07 Years |

2. Publication of Research Papers:

| | | |
|----------------------------|---|----|
| UGC listed journals | : | – |
| Peer reviewed journals | : | 02 |
| Non-peer reviewed journals | : | – |
| Conference proceedings | : | – |

3. List of Publication of Research Papers:

- Mr. S.L. Khairnar,; Analysis And Simulation Of A SEIR Model For Covid-19 Virus In Pune, Educreator Research Journal,, (2022).
- Mr. S.L. Khairnar,; Extrapolating data by using polynomials: A case study on Panvel Tahsil Population, Educreator Research Journal,, (2022).

4. Books authored:

| | | |
|-----------------------------------|---|----|
| Edited book by National publisher | : | 02 |
|-----------------------------------|---|----|

5. List of Books authored:

| Sr. No. | Title of the book | Publisher | ISBN No. | Year of Publication | Level at which recommended |
|----------------|--|--------------------------|------------------------|----------------------------|-----------------------------------|
| 1 | Mathematical & Statistical Techniques-I | SHETH PUBLISHERS PVT.LTD | ISSN: 9789389092219 | 2019 | FYBCom |
| 2 | Mathematical & Statistical Techniques-II | SHETH PUBLISHERS PVT.LTD | ISSN: 9789389542776 | 2019 | FYBCom |

6. Minor Research Project:

| Title of the project | Date of sanction | Duration | Grant received | Funding agency |
|---|------------------|----------|----------------|-------------------|
| A Study on COVID-19 spread in Panvel City using Mathematical and Statistical techniques | 03/01/2022 | 01 Years | 15,000/- | Seed Money (RUSA) |

7. Academic Staff College Orientation/Refresher courses attended:

| Name of the Course | Place | Duration | Sponsoring Agency |
|------------------------------------|-------------------------------------|--|-------------------|
| Orientation Course | HRDC, University of Mumbai | 04 November, to 23 November 2019 | UGC |
| ETI NSS Orientation Course | Ahmednagar College, Ahmednagar | 13 th February, 19 th February, 2020 | ETI Ahmednagar |
| Online Faculty Development Program | Ramanujan College, Delhi University | 18 th May to 3 rd June, 2020 | MHRD, PMMMNMTT |

| | | | |
|--|-------------------------------------|---|-----------------|
| Online Faculty Development Program | Ramanujan College, Delhi University | 8 th June to 14 th June, 2020 | MHRD, PMMMMNMTT |
| REFRESHER COURSE IN APPLICABLE MATHEMATICS | Ramanujan College, Delhi University | 26 th July to 08 th August 2022 | MHRD, PMMMMNMTT |
| | | | |

8. Participation in conferences, symposia, seminars and workshops:

| Level | Attended |
|---------------|----------|
| International | 1 |
| National | 1 |
| State | -- |
| University | 4 |

9. Experience on the various committees at the college

- Member, IQAC Steering (2016-17 to 2019-20)
- Member, Feedback Management (2016-17 to 2019-20, 2021-24)
- Member, Staff Welfare (2017-18 to 2018-19)
- Member, Student Welfare and Student Council (2016-17 to 2021-22)
- Member, Website Development Committee (2017-18, 2021-22)
- Member, Admission Committee (2019-20 to 2023-24)
- Member, Commerce Association (2017-18 to 2023-24)
- Member, Board of Studies in Mathematics (F.Y.B.Sc., F.Y.B.Com.) (2018-19 to 2023-24)
- Member, Board of Studies in Mathematics (S.Y.B.Sc.) (2019-20 to 2023-24)
- Member, Board of Studies in Microbiology (2019-20 to 2023-24)
- Member, Examination Committee (2022-23 to 2023-24)
- Chairman, Celebration of National Days Committee (2022-23 to 2023-24)

10. Experience on the NAAC/ IQAC of the college

- Member, IQAC Steering (2016-17 to 2023-24)

11. Open Educational Resources & E-Content Developed

Open Educational Resources

| Sr. No | Title | Platform | Link | Licence |
|--------|---|----------------|---|----------|
| 1 | Poisson Distribution | OER COMMONS | https://www.oercommons.org/courses/probability-distribution | CC-BY |
| 2 | Binomial Distribution | OER COMMONS | https://www.oercommons.org/courses/binomial-distribution | CC-BY-SA |
| 3 | Poisson Distribution | CANVAS COMMONS | https://lor.instructure.com/resources/7e60948dd44042f3add12e09fae9ae6c?shared | CC-BY |
| 4 | Binomial Distribution | CANVAS COMMONS | https://lor.instructure.com/resources/d81443656a0b4d8aad11d02cc4ac1119?shared | CC-BY-SA |
| 5 | Normal Distribution | CANVAS | https://canvas.instructure.com/enroll/9NBDXB | --- |
| 6 | Learning Normal Distribution with MS Excel | OER COMMONS | https://www.oercommons.org/courseware/lesson/66859 | CC-BY-SA |
| 7 | Learning Poisson Distribution with MS Excel | OER COMMONS | https://www.oercommons.org/courseware/lesson/66746 | CC-BY-NC |
| | | | | |
| | | | | |

E-Content link

<https://www.youtube.com/channel/UCJ6wpcLvvBZRRmr7xpSZ6Pg>