


FacultyProfile

PersonalDetails

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|-------------|--------------------------------|---|
| Name | Dr. PRASHANT ATMARAM PAGAR |  |
| Designation | Associate Professor (Agronomy) | |
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| ContactNo | 7588159802 and 8329698920 | |

AcademicQualifications

| Degree | Specialization | University | Yearof Passing |
|---|----------------|--------------------|----------------|
| B.Sc. (Agri.) | Agriculture | M.P.K.V.Rahuri | 1998 |
| M.Sc. (Agri.) | Agronomy | V.N.M.K.V,Parbhani | 2000 |
| Ph.D. | Agronomy | V.N.M.K.V,Parbhani | 2022 |
| AdditionalQualification(ifany):AdditionalDegree/Diploma/NET/SET | | | |
| NET | Agronomy | ASRB,New Delhi | 2004 |

ProfessionalExperience

| Stream | Years | Stream | Years |
|-----------|-------|----------------|-------|
| Teaching | 10 | Research | 19 |
| Extension | 0 | Administration | 7.5 |

Area of Research/Interest

Pulse Agronomy and Sugarcane Agronomy

ResearchGuidance

| Degree | No.ofStudent & Guided |
|--------------|-----------------------|
| M.Sc./M.Tech | 05 |
| Ph.D. | NIL |

ResearchAccomplishments (Recent Ten Most Important Publications)

| Sr. No | Title | Journal | ISSN/IS BN | NAAS Rating |
|--------|---|--|--------------------------|-------------|
| 1 | Effect of spacing and nutrient management practices on growth, yield and economics of sweet corn-chickpea under sequence cropping. PA Pagar , Dr. SB Pawar, Dr. BV Asewar and Dr. DK Patil . | The Pharma Innovation Journal Vol. 11 (7): 280-286 | Online 2277-7695 | 5.23 |
| 2 | Agronomic Biofortification of Zn and Fe in chickpea through nutrient. C.B. Patil, P.A.Pagar and S.V.Gosavi | International Journal of chemical Studies. 2370-2373 | Online ISSN:2321-4902 | 5.31 |
| 3 | Impact of drought mitigation techniques on pigeon pea (<i>Cajanuscajan</i> L. Milli sp.) yield" Pagar PA Patil DK Bantewad SD | The Pharma Innovation Journal 2024; 13(3): 344-348 | Online ISSN 2277- | 5.23 |

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|----|--|---|--------------------------|------|
| 4 | Impact of Spacing and Nutrient Management Practices on Growth and Yield of Sweet Corn – Chickpea under Sequence. P.A. Pagar , Dr. S.B. Pawar, Dr. D.N. Gokhale and Dr. D.K. Patil | Biological Forum – An International Journal 14(2): 1045-1050 | Online 2249-3239 | 5.11 |
| 5 | Integrated weed management in pigeonpea [Cajanuscajan (L.) Millsp] Pagar PA , Patil DK, Bantewad SD, Jahagirdar JE and Gosavi SV | Journal of Food Legumes 32(2) 90-94 | 0970-6380 | 4.97 |
| 6 | Evaluation of sequential application of new insecticides against <i>Helicoverpaarmigera</i> (Hubner) on pigeonpea S. D. Bantewad, P. A. Pagar and S. G. Wagh. | Agricultural Update Hind Agricultural Research and training Institute pp. 2526-2530 | Vol. 12 TECHSE AR 9/2017 | 4.38 |
| 7 | Effect of Nipping and Spacing on Growth and Yield of Medium Duration Pigeonpea Genotype BDN-716. P.A.Pagar ,C.B.Patil, and D.K.Patil | Indian Journal of Agriculture and Allied Sciences Volume 10 (1) 2024 | Online 1109 - 7675 | 3.99 |
| 8 | Response of Promising Mungbean VarietyBM-2003-02 to graded levels of fertilizers under different row to planting spacing. P.A.Pagar ,D.K.Patil,A.A.Chaudhari and V.K.Gite | Trends in Biosciences | 0974-8431 | 3.94 |
| 9 | Studies on Drought mitigation practices in Pigeonpea. P.A.Pagar ,D.K.Patil,J.E.Jahagirdar,S.V.Gosavi and M.D.Shrirame | Journal of Agric. Research Technology | 43(3) | 3.94 |
| 10 | Effect of planting pattern in Pigeon pea and Soybean intercropping. PagarP.A. andP.K.Joshi | Journal of Maharashtra Agriculture universities Vol,27 (3) pp 268-270 | 0378-2395 | 3.18 |

Credentials:

| Particulars | Numbers | Particulars | Numbers |
|-------------------------------------|---------|---------------------|---------|
| ResearchArticles | 23 | PopularArticles | 52 |
| Books / Booklets | - | BookChapters | 02 |
| Research/Technology Recommendations | 05 | VarietiesDeveloped | 04 |
| Patents | - | Abstracts Published | 37 |
| TechnicalPublication | 01 | | |

Significant Achievements(Top Five)

| Patent/IP/Technologies/ Varieties/Machineries Developed / Methodologies/ Recommendations | Year |
|--|------|
| 1.For obtaining maximum productivity andprofitability, intercropping of baby corn or sweet corn is recommended in pigeonpea with 1:2 row proportions. | 2024 |
| 2.Chickpea variety BDN 2018-16 (Parbhani Chana) | 2023 |
| 3.To achieve maximum productivity and profitability of sweet corn - chickpea cropping sequence, it is recommended that sowing of Sweet corn at 60 x 20 cm ² in <i>kharif</i> season followed by chickpea at 30 x 10 cm ² spacing in <i>rabi</i> season along with application of 180:70:70 kg NPK ha ⁻¹ to sweet corn only and biofertilizer seed treatment of <i>Azotobacter</i> (to sweet corn) / <i>Rhizobium</i> (to chickpea) + PSB and KSB @ 10 ml each kg ⁻¹ seed to sweet corn and chickpea seed is recommended for marathwada region. | 2022 |

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| 4.For maximum productivity and net returns,sowing of chickpea either on ridges and furrows or broad bed furrows (BBF) with two protectiveirrigations (60 mm depth)first at branching and second at pod development stage areessential. | 2019 |
| 5.IPМ Technology developed: Recommendation onIntegrated pest management module for pigeonpea. | 2016 |
| ExternallyFundedProjects: Implemented/Handled/Assisted : NIL | |

Awards/Recognitions (Top Five)

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| 1.Paani Foundation Award 2023 |
| 2.Paani Foundation Award 2024 |