

Faculty Profile

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| Faculty Name | Dr. Kavita Sangwan |
| Designation | Assistant Professor |
| Qualification | Ph.D, M.Pharmacy |
| Email | Kavita.pharmacy@piet.co.in |
| Area of Interest | Pharmaceutics |
| Work Experience (Total) | 9.8 years |
| <ul style="list-style-type: none"> • Teaching | 9.8 years |
| <ul style="list-style-type: none"> • Research | |
| <ul style="list-style-type: none"> • Industry | |
| <ul style="list-style-type: none"> • Others | |
| Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level | Pharmaceutics, Biopharmaceutics, Quality assurance, HAP, Inorganic chemistry, Hospital and clinical pharmacy, Community pharmacy and management, Pharmacology |
| Membership of Professional Bodies | |
| Research Publications | |
| <ul style="list-style-type: none"> • Research Papers UGC-CARE | |
| <ul style="list-style-type: none"> • Research Papers SCOPUS | Six |
| <ul style="list-style-type: none"> • Research Papers WoS/SCI/ABDC | |
| <ul style="list-style-type: none"> • List of Publications | <ol style="list-style-type: none"> 1) Antiproliferative Activity of Novel Imatinib Analogue as Potential Anticancer Agents, Synthesis and in vitro Screening. 2) Synthesis and in-vitro screening of Imatinib Schiff's base as potential anticancer agents. 3) Imatinib Analogs in Chronic Myeloid Leukemia: a Systematic Qualitative Review. 4) Pharmacological profile of novel anticancer drugs approved by FDA in 2022: A Review 5) Anti-cancer Potential of Phytoflavonoidal |

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| | Drugs against Gynecological Cancer 6) Pharmacological profile of orphan drugs for rare diseases in 2022. |
| Book and Chapter Publications | |
| <ul style="list-style-type: none"> Books Authored published by International Publishers | |
| <ul style="list-style-type: none"> Books Authored published by National Publishers | |
| <ul style="list-style-type: none"> Publication of Chapter in Edited Books | Three Book Chapters |
| <ul style="list-style-type: none"> Editor of Book by International Publishers | |
| <ul style="list-style-type: none"> Editor of Book by National Publishers | |
| <ul style="list-style-type: none"> Translation Work of Book | |
| <ul style="list-style-type: none"> List of Book and Chapter Publications | 1) Nuclear Medicine 2) Quantum Mechanics 3) Quality control |
| Patents | 3 Patents (2 granted +1 published) |
| <ul style="list-style-type: none"> Granted | 1) One (Nebulizer chamber for Asthma Patients) 2) Smart Pill dispenser |
| <ul style="list-style-type: none"> Published | One |
| <ul style="list-style-type: none"> List of published patent(s) | 1) AN AI-BASED SYSTEM FOR VIRTUAL SCREENING FOR DRUG CANDIDATES AND METHOD THEREOF |
| <ul style="list-style-type: none"> Filed | |
| <ul style="list-style-type: none"> List of filed patent(s) | |
| PhD Guidance | |
| <ul style="list-style-type: none"> Degree Awarded | |
| <ul style="list-style-type: none"> Thesis Submitted | |

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| M.Tech. Guidance | |
| • Degree Awarded | |
| • Thesis Submitted | |
| Research Project | |
| • List of Research project | |
| Consultancy | |
| • List of Consultancy | |
| Awards & Honours | |
| • List of Awards & Honours | |
| Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference | |
| • International (Abroad) | |
| • International (Within Country) | Four (paper presentation) |
| • National | Two (paper presentation) |
| • List of published papers | |
| Organizing National Conference/ International Conference/ FDP/STTP | |
| • List of Conference/FDP/STTP committee | |
| Social Contributions and Sports | |
| • List of Social Contributions and Sports | |