* Potent active pharmacophores such as pyrazole, carboxamide, carboxthioureide including chiral centre were incorporated a single molecule.
* New derivatives of tetra substitute pyrazole were synthesized.
* The antibacterial and antifungal activities of novel compounds were investigated.
* The structure-activity relationships (SAR) studies and some theoretical parameters of derivatives were investigated.
* Some of derivatives exhibited higher activities than reference drugs (commercialized antibiotics) against to representative bacteria.