| GG | Gellan Gum |
| :---: | :---: |
| SF | Silk Fibroin |
| CS | Chitosan |
| cpr | Ciprofloxacin Hydrochloride |
| AgNPs | Silver nanoparticles |
| $\mathbf{G G}_{\text {sc }}$ | Scaffold of pure gellan gum |
| $\mathrm{SF}_{\text {sc }}$ | Scaffold of pure silk fibroin |
| CS ${ }_{\text {sc }}$ | Scaffold of pure chitosan |
| GGb | Beads of gellan gum |
| SF-GG | Scaffold of silk fibroin and gellan gum blend |
| SF-GG $\mathbf{G}_{\mathbf{b}} \mathbf{S F}$ | 3D double hybrid scaffold of silk fibroin with entrapped gellan gum beads |
| S/C | Scaffold of silk fibroin and chitosanblend |
| S/C/NpCp (2:1) | AgNPs \& cpr containing SF-CS hybrid scaffolds of blend ratio (2:1) |
| S/C/NpCp (1:1) | AgNPs \& cpr containing SF-CS hybrid scaffolds of blend ratio (1:1) |
| S/C/NpCp (1:2) | AgNPs \& cpr containing SF-CS hybrid scaffolds of blend ratio (1:2) |
| SWF | Simulated wound fluid |
| MWCO | Molecular weight cut off |
| AES | Aqueous extract of Salvinia molesta |
| FTIR | Fourier Transform Infrared spectroscopy |
| FESEM | Field Emission Scanning Electron Microscopy |
| EDX | Energy Dispersive X-Ray spectroscopy |
| HRTEM | High Resolution Transmission Electron Microscopy |


| AFM | Atomic Force Microscopy |
| :---: | :---: |
| XRD | X-ray diffraction |
| UTM | Universal testing machine |
| NB | Nutrient Broth media |
| NA | Nutrient Agar media |
| MHB | Mueller Hinton Broth |
| MHA | Mueller Hinton Agar |
| ZOIs | Zone of Inhibitions |
| AET | Aqueous extract of Tamarindus indica leaves |
| WER | Water evaporation rate |
| ECM | Extra cellular matrix |
| 3D | Three dimensional |
| $\varepsilon$ | Porosity of the scaffold |
| SR | Swelling ratio |
| O.D | Optical density |
| ${ }^{\circ} \mathrm{C}$ | Degree centigrade |
| gL ${ }^{-1}$ | Gram/ liter |
| mL | milliliter |
| h | Hour |
| S | Second |
| min | Minute |
| t | Time |
| mm | Millimeter |
| cm | Centimeter |
| MPa | Mega Pascal |


| $\mathbf{U} / \mathbf{m L}$ | Units per milliliter |
| :--- | :--- |
| $\boldsymbol{\lambda}_{\mathbf{m a x}}$ | Wavelength where maximum absorption seen |
| $\mathbf{R}^{\mathbf{2}}$ | Regression coefficient |
| $\mathbf{n}$ | Release exponent |
| $\mathbf{R a}$ | Absolute roughness |
| $\mathbf{R q}$ | Root mean squire roughness |
| $\mathbf{R z}$ | Maximum peak height |
| $\mathbf{C F U} / \mathbf{m L}$ | Clooney forming units per milliliter |
| $\mathbf{m M}$ | Milimolar |
| $\mathbf{M}$ | Molar |
| $\mathbf{\%}$ | Percentage |
| $\mathbf{p p m}$ | Part per million |
| $\boldsymbol{s}$ | Stretching |
| $\boldsymbol{s} \boldsymbol{v}$ | Stretching vibration |
| $\boldsymbol{b}$ | bending |
| $\boldsymbol{i b}$ | In-plane bending. |
| $\mathbf{0}$ | Degree |
| $\mathbf{n m}$ | Nanometer |

