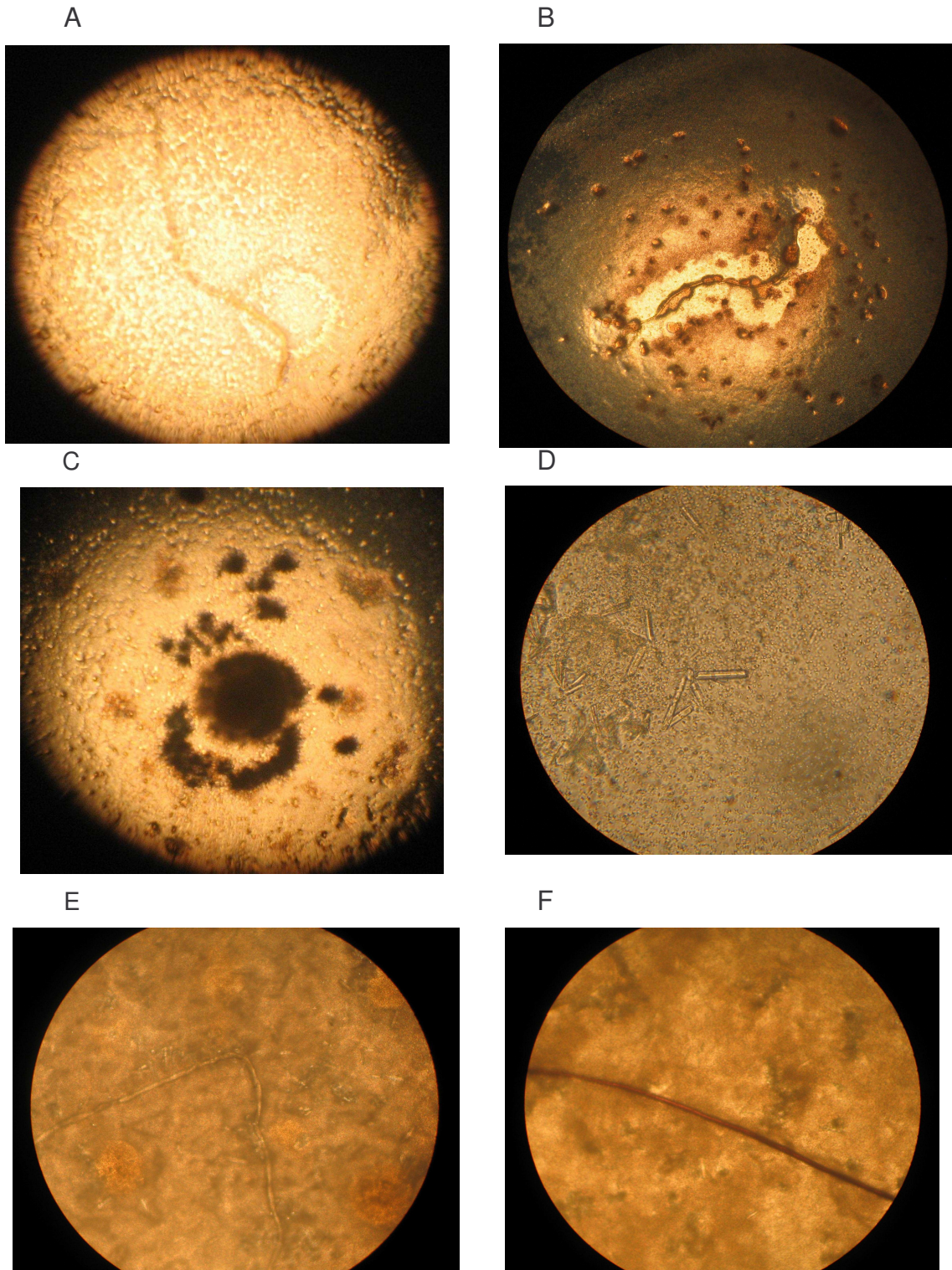


Figure 8. Fiber Culture Study- Inhibition zone surrounding fiber.



A- Clear, bright crystal-like structures throughout the agar with actinomycete growth rings on agar surface; B- Inhibition zone surrounds antibiotic/toxin producing population on or within fiber; C- Actinomycete colonies showing filamentous growth; D- Slender, long crystal-like structures with rod-shaped cells identified as cyanobacteria; E- new fiber growth; F- black fiber now shows red color.