

MICROBIAL BIOTECHNOLOGY

RESEARCH GROUP

Faculty

Dr.Sumaira Asam(Assistant Professor Zoology, Group Leader)

Mrs Ghazala Suhail(Associate Professor)

Mrs Komal Umair(Teaching Assistant)

Students

Komal Umair(PhD Scholar)

Uzma Sajid (PhD Scholar)

Rimsha Javaid (MPhil Scholar)

Shiza Iqbal(MPhil Scholar)

Saima Ramzan(MPhil Scholar)

Shaista Anwar(MPhil Scholar)

Shanza Idrees(MPhil Scholar)

Tayyaba Saeed(MPhil Scholar)

Samia Zahid(MPhil Scholar)

Humarish(MPhil Scholar)

Umm-e-Taiba(MPhil Scholar)

Sneeha Hafeez(MPhil Scholar)

Research Targets

This research group focuses on feeding the microbes with low cost agro-industrial wastes and getting benefit from the microbes in terms of important industrial enzymes, bioplastics production, heavy metals' bioremediation and production of protein rich foods.

Projects:

Screening of the bacterial community structure in a biofloc technology (BFT) based Aqua Culture of *Ctenopharyngeodon idella* under varying low cost wastes as C source
(NRPU Amount Rs. 2,897,252 /-)PI: Dr. Sumaira Aslam Zoology Department(GCWUF)

Research Thesis

Theses completed under microbiology 12 (11 Mphil 01 MSc)

Thesis to be completed 01 PHD

Theses ongoing 11(10 Mphil 01 PhD)