



## Internship programme for students (UG, PG, PhD Scholars, Post-Doc Researchers )

(Topics prescribed here depends on the project carried out at that moment)

Modules	Topics
1	➤ Introduction to Linux and Programming language
	➤ Introduction to PERL
	➤ Introduction to MySQL
	➤ Introduction to java programming
	➤ Introduction to Next Generation Sequencing and Metagenome Analysis
2	➤ Introduction to Linux and Programming language
	➤ Introduction to PERL
	➤ Introduction to MySQL
	➤ Introduction to java programming
	➤ Introduction to Next Generation Sequencing and Whole Genome analysis
3	➤ Introduction to Linux and Programming language
	➤ Introduction to PERL
	➤ Introduction to MySQL
	➤ Introduction to java programming
	➤ Introduction to Next Generation Sequencing and Transcriptome Assembly and Annotation
4	➤ Introduction to bioinformatics, and its application
	➤ Introduction to Next Generation sequencing and Bioinformatics
	➤ NGS data formats
	➤ NGS data submission
	➤ Primer designing

Internship Programmes offered	Duration months	Fee /month (INR)
Internship (Short Term)	1 -2	3500+18% GST =4130/-
Internship (Long Term for project work)	3-4	3000+18%GST =3540/-
Skilled Internship	6	2500+18%GST =2950/-

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### Program Directors:-

**Dr. Pavithra N**, Asst Professor and Centre-in-Charge  
**Dr. Lavanya DK**, Asst Professor  
**Dr. Prasanna S Koti**, Asst Professor

### Training Theme :-

The progress of science is punctuated by the advent of revolutionary technologies that provide new ways and scales to formulate scientific questions and advance knowledge.

### Who can participate?

Students, Faculty and Scientists from Academia, Industries including Life Sciences, Biology, Computer, Medicine, Agriculture, Veterinary, Environmental Science and any other disciplines.

### Mission Accomplished (2017-19):

Created “Genomics Ecosystem” in the country by conducting 16 training programs  
Trained > 700 Scientists (Streams of Biology, Engineering Technology).  
Achieved 100% transformation of participants in the areas of Genomics and Bioinformatics,  
More details at: <http://tdu.edu.in/genomics/genomics-events/>