

Future Plans (2020-2024)

School of Earth Sciences



Banasthali Vidyapith

■ Teaching

- i. Provisions of interactive learning through scientific models and charts.
- ii. Provision of conducting MCQ tests bi-monthly for Master's students for better objectivity of the subject
- iii. Setting up word limit for answers in **periodical examination** to develop application and analytical quality of the subject.
- iv. Hands on Practice of Various instruments and soft wares by related experts.

■ Research

- I. Enrichment of lab resources in terms of instruments and softwares and provide field based solutions for complex research problems in Earth Sciences and allied fields.
- II. Dissemination of research outputs in International & National Conferences and Workshops/Seminar.
- III. Publication of the research articles in peer-reviewed high impact journals- **Scopus-100 papers (Approx.)** in next five years.
- IV. Focusing on publishing **2-3 books in next 5 years.**

Next 1 Year - FUND GENERATION

S. No.	Themes / Area	Funding Agency	Approx. Budget
1	<p>Applying for “Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST) Program – 2019</p> <p style="text-align: right;">Status -Under Review</p>	DST	3.0 Cr.
2	<p>DST: Start-up Research Grant</p> <p>Title: “Disentangling the Late Quaternary Tectonic, Sea level and climatic variability in the Western margin of Indian subcontinent: A case study from Central Great Rann Graben of Kachchh”.</p> <p>Duration- 2 Years; Status -Under Review</p>	DST	20 Lakh
3	<p>DST: Swarna Jayanti Fellowships Scheme 2018-19</p> <p>Title: “Holocene Climate Fluctuations In Central Great Rann Kachchh, Western India”.</p> <p>Duration - 5 Years; Status - Under Review</p>	DST	50 Lakh

Next 5 Year - FUND GENERATION

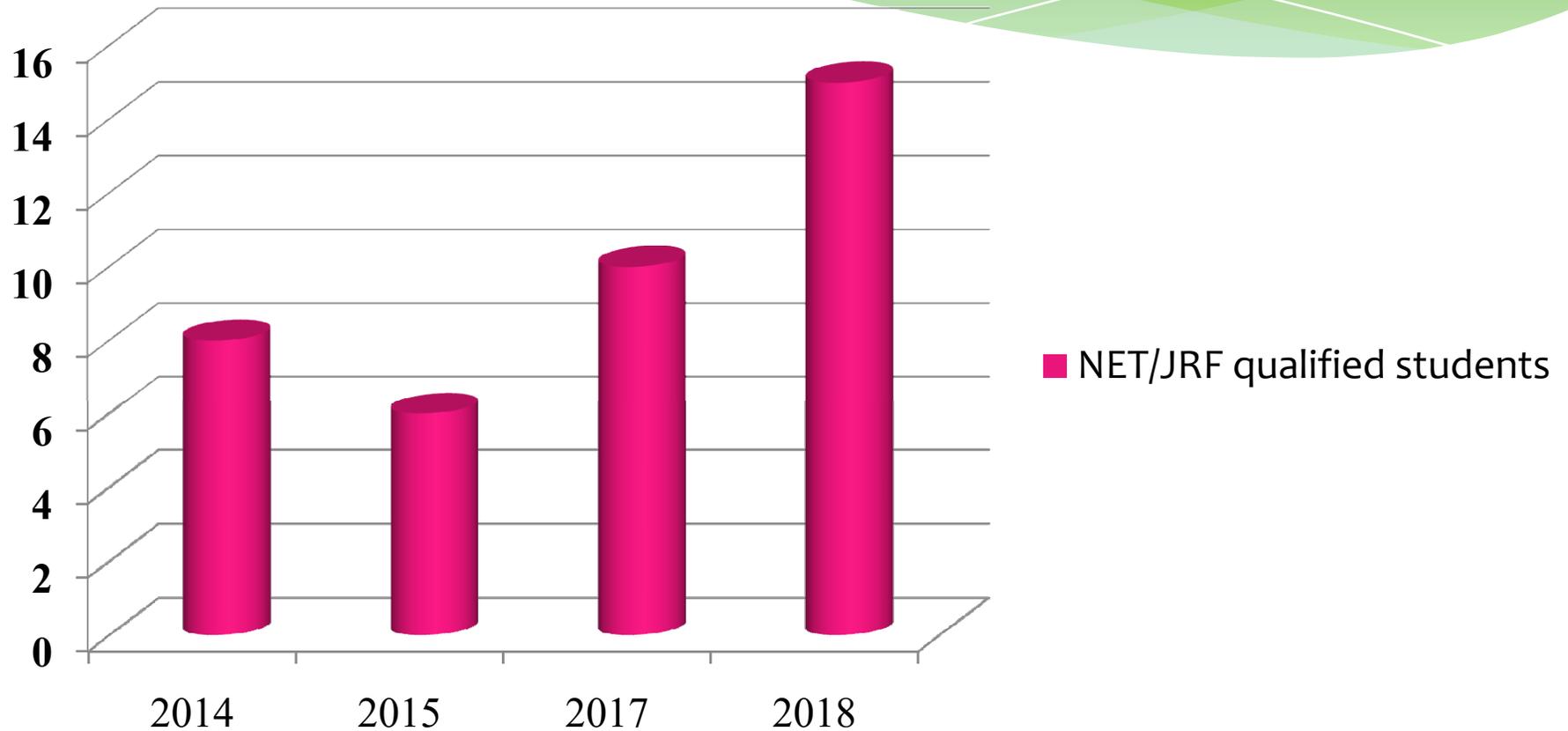
S.No.	Themes / Area	Funding Agency	Approx. Budget
1	Joint Project in Collaboration with Banasthali Vidyapith, SAC, IIT-KGP, IIT-Kanpur. “Chandryaan-2 Science Plan for Imaging Infrared Spectrometer (IIRS)”	DST	57 Lakh
2	Natural Resource Data Management System (NRDMS) Duration- 2 Years	DST	30 Lakh
3	Impactful Policy Research in Social Sciences (IMPRESS) - Social Geography and Population Studies Duration- 2 Years	ICSSR	30 Lakh
4	RESPOND – Space Science & Space applications Duration- 3 Years	ISRO	50 Lakh

DEPARTMENTAL UP-GRADATION

The School of Earth Sciences proposes:

- * Up gradation of Meteorological observatory at National/International level- Banasthali Vidyapith as **AWS** (Automatic Weather Station with '**Global Telecommunication System**') (**GTS**).
- * **Placement cell** for the department to increase the number of placements
- * Proposed to introduce of **GEOLOGY** subject in Senior Higher Secondary School

NET/ JRF Qualified Students



**A TOTAL NO OF 39 STUDENTS HAVE QUALIFIED NET/JRF SINCE
5 YEARS**



THANKS.