

**GOVERNMENT OF INDIA  
MINISTRY OF HUMAN RESOURCE DEVELOPMENT  
DEPARTMENT OF HIGHER EDUCATION**

**LOK SABHA  
UNSTARRED QUESTION NO. 3055  
TO BE ANSWERED ON 06.08.2018**

**IIT, Bihta**

†3055. SHRI KAUSHALENDRA KUMAR:

Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

- (a) the details of courses introduced in Indian Institute of Technology (IIT), Bihta;
- (b) whether the Government proposes to introduce certain disciplines in view of the resources available there;
- (c) if so, the details thereof and if not, the reasons therefor;
- (d) the number of posts of teachers lying vacant in IIT, Bihta along with the measures being taken to fill these vacant posts; and
- (e) whether any draft is being prepared to set up full fledged campus in IIT, Bihta and if so, the details thereof?

**ANSWER**

**MINISTER OF STATE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT  
(DR. SATYA PAL SINGH)**

(a) to (c): Indian Institutes of Technology (IITs) including IIT Patna are Institutes of National Importance governed by the Institutes of Technology Act, 1961 and the Statutes framed thereunder, which empower the Board of Governors to institute courses of study at the Institute. IIT-Patna currently offers following courses:-

1. B.Tech in Electrical Engineering, Computer Science & Engineering, Mechanical Engineering, Chemical Engineering, Civil Engineering;
2. M.Tech in Mechatronics, Mathematics and Computing, Nanoscience and Technology, Computer Science & Engineering, Communication System Engineering, Mechanical Engineering, Civil Engineering, Materials Science & Engineering, VLSI & Embedded Systems;
3. M.Sc in Physics, Chemistry, and Mathematics;
4. Ph.D. in Electrical Engineering, Computer Science & Engineering, Mechanical Engineering, Chemical & Biochemical Engineering, Physics, Chemistry, Mathematics, Civil & Environmental Engineering, Humanities and Social Sciences, Metallurgical & Materials Engineering.

(d) & (e): IITs strive to maintain a faculty-student ratio of 1:10. Accordingly, the sanctioned strength of faculty in IIT-Patna is 162, against which, 118 faculty members are in position whereas 44 positions are vacant. Institute has been taking various measures to attract quality faculty, including year-round open advertisements, invitation through search-cum-selection procedures to alumni/scientists/faculty, advertisements in international journals, and appointment of NRIs and OCIs to faculty positions on the same terms as applicable to regular faculty. The Government has launched the Global Initiative for Academic Networks (GIAN) to enable foreign faculty to teach some courses in the higher educational institutions. Since Ph.D. is an essential qualification for appointment as faculty in IITs, Government of India has recently launched Prime Minister's Research Fellows (PMRF) Scheme to attract bright students into Ph.D programmes, which will improve the quality of research at the one hand and address shortage of quality faculty on the other. IIT Patna has already been functioning from its permanent campus at Bihata.

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