

No. IITD/R/2016/LSSQ/AREG-
Date: January 18, 2016

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject : Rajya Sabha Provisionally Admitted Question Diary No. U60 to be replied on 25.02.2016

Madam,

It has a reference to your e-mail dated February 17 , 2015. The requisite information specific to IIT Delhi is given as under :

(a) The number of Scheduled castes students enrolled in various IIT and IIM since last five years:

The following table gives the require data regarding number of scheduled caste students in respect of IIT Delhi.

Ans.

Year	Undergraduate	Postgraduate	Ph.D
2011-12	118	149	31
2012-13	122	114	35
2013-14	128	131	15
2014-15	128	125	12
2015-16	127	128	41

(b) Whether the government has maintained any data on “opportunities availed by the scheduled casted students” after passing out from IIT and IIM:

Ans: Placement facility is extended to all students . The Institute does not maintain such a data based on cast or category.

(c) If yes the details thereof for each IIT and IIM for last 5 years ?

Ans: Same as (b) above.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016/LSSQ/AREG-
Date: January 29, 2016

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject : Rajya Sabha Provisionally Admitted Question No. S821 to be replied on 03.03.2016 regarding "Suicide by SC/ST/OBC Students"

Madam,

This has reference to your e-mail dated February 26 , 2015. The parawise reply of IIT Delhi is as follows :

- a) The number of students, including school and higher education students who have committed suicide year-wise and institution-wise since 2013;

Ans. Only one suicidal case (Mr. Rajwinder Singh died on 1/5/2013) in the Institute since 2013.

- b) The number of such students in each institution who belonged to the SC, ST, OBC communities.

Ans. Mr. Rajwinder Singh was SC Student.

- c) Steps taken by Government to reduce these numbers; and

Ans. The Institute has a counseling Unit with a full time counselor to advise/counsel students through regular counseling. It may also be mentioned that the Institute has Board of Student Welfare to look after the welfare of the students and to mitigate all possible grievances of the students.

An effective student mentorship programme is in place wherein assistance is extended to all the students (esp. the 1st Year) in all academics as well as other problems that they may face. In case the members feel that counseling is required, the students are immediately referred by the mentors to the counselor.

As a policy, status of the students i.e. SC/ST/OBC/Gen, is not disclosed either in the hostel or in the classroom. The entire student's community stays and dines together as a large family.

- d) The reasons determined for these suicides;

Ans. The suicide was due to some personal problem.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016/LSSQ/AREG-
Date: March 2, 2016

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject : Rajya Sabha Question Dairy No. S2560 to be replied on 10.03.2015 regarding “Free English Tuition for SC/ST Students of IITs”

Madam,

This has reference to your e-mail dated March 1 , 2016. The parawise reply of IIT Delhi is as follows :

- a) Whether it is a fact that one of the chief problems faced by SC/ST students who make it to IITs is the lack of English competence

Ans. This problem is not specific to SC/ST students admitted to IIT, but is faced in equal magnitude by students of all categories from rural background.

- b) The steps Institute is taking to tackle the problem

Ans. All undergraduate students need to compulsorily complete two non-graded courses in Language and writing skills including language laboratory using professional software for English language instructions, during their I and II semesters at IIT. The process followed presently at IIT Delhi is as follows:

(i) All students take an English Language test at the time of orientation when they first arrive at the Institute. This test is used to categorise the language ability and make groups with a mix of students from each category. The categorization is known only to the instructors and is not made public. This information is used by instructors to decide on the content and pedagogy for improving the communication skills of the students during the language courses in I and II semesters.

(ii) The classes are conducted by trained language instructors, under close coordination with faculty members of the Department of Humanities and Social Sciences of IIT Delhi.

(iii) Language courses involve classroom activities in communication and laboratory activities using professional software for English language learning. The software is also available to the students outside the class hours if they so desire.

In addition to this, student mentors conduct informal and formal English language remedial sessions for the benefit of students who need the same. The student mentors work under the supervision and advice of faculty members.

During the third year of under graduation, in order to improve the skills in technical communication, non-graded compulsory courses on Communication Skills and Seminar are offered. Students choose from a variety of courses in their parent Department as well as other Departments to fulfill this requirement and to improve their skills in preparing and making technical presentations.

- c) Whether Institute considers to provide them free English tuition and
- d) If so, the details thereof and if not, the reasons therefore?

Ans. The above activities are part of the regular curriculum, and no separate fees are charged for these. The SC/ST students are exempted from payment of tuition fees.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016/LSSQ/AREG-
Date: March 4, 2016

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject : Provisionally Admitted Rajya Sabha Question Dy. No. S1069 to be replied on 10.03.2016 regarding "Peer assisted learning programme"

Madam,

This has reference to your e-mail dated March 1, 2016. The parawise reply of IIT Delhi is as follows :

(a) Details of Peer Assisted Learning Programmes to be implemented in IITs

Ans. Activities pertaining to peer assisted learning that are already in place at IIT Delhi include the following:

(i) Student Mentorship Programme:

All undergraduate students admitted to IIT Delhi are allotted a mentor from among the third and fourth year undergraduate students. These mentors help the new students in familiarizing with the Institute system, facilities, etc. as well as guide them on a variety of academic matters.

(ii) Teaching Assistantship Programme:

Teaching Assistants (TAs) are allotted to most undergraduate courses from amongst the Ph.D. and M.Tech / M.S. (Research) students. Teaching Assistants help faculty members conduct tutorial / laboratory classes. Since the Teaching Assistants also live in hostels along with the undergraduate students, the latter have access to the TAs outside the classroom as well for academic help.

(iii) Hostels / Residential Campus:

Since IITs are mostly residential, academic help for students beyond class hours is available to them by design. Classmates, seniors, teaching assistants and faculty share the same campus space, and interaction between them, both academic and otherwise, happens naturally. Peer Assisted Learning is thus inherently built into the concept of residential campuses.

(iv) Peer Assisted Learning in Research Groups:

In research groups of faculty members, which consist of Ph.D. students, Masters' students as well as undergraduate students engaged in project work, the students most naturally seek the help of their senior peers, who also help them willingly. It is

commonly observed in such groups that Ph.D. students guide M.Tech. and B.Tech. students in issues that do not need the expert guidance of faculty members.

(v) Infrastructure Support:

At IIT Delhi, several spaces in the academic area are kept accessible to students around the clock, to facilitate group studies and peer assisted learning processes. These spaces are well-lit, with seating, internet and other such amenities to support academic work.

(c) Whether this scheme or any other has been created to ensure that IIT students not fluent in English have academic and societal support to help them catch up?

Ans. This problem is not specific to any particular community of students admitted to IIT, but is faced in equal magnitude by students of all categories from rural background.

The steps Institute is taking to tackle the problem

All undergraduate students need to compulsorily complete two non-graded courses in Language and writing skills including language laboratory using professional software for English language instructions, during their I and II semesters at IIT. The process followed presently at IIT Delhi is as follows:

- i. All students take an English Language test at the time of orientation when they first arrive at the Institute. This test is used to categorise the language ability and make groups with a mix of students from each category. The categorization is known only to the instructors and is not made public. This information is used by instructors to decide on the content and pedagogy for improving the communication skills of the students during the language courses in I and II semesters.
- ii. The classes are conducted by trained language instructors, under close coordination with faculty members of the Department of Humanities and Social Sciences of IIT Delhi.
- iii. Language courses involve classroom activities in communication and laboratory activities using professional software for English language learning. The software is also available to the students outside the class hours if they so desire.

In addition to this, student mentors conduct informal and formal English language remedial sessions for the benefit of students who need the same. The student mentors work under the supervision and advice of faculty members.

During the third year of undergraduation, in order to improve the skills in technical communication, non-graded compulsory courses on Communication Skills and Seminar are offered. Students choose from a variety of courses in their parent Department as well as other Departments to fulfill this requirement and to improve their skills in preparing and making technical presentations.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

**Subject : Lok Sabha Unstarred Question No. 2636 to be replied on 14.03.2016 regarding
“Dropouts from Courses”**

Madam,

This has reference to your e-mail dated March 8 , 2016. The parawise reply of IIT Delhi is as follows :

- a) Whether in the Indian Institutes of Technology (IITs) and Indian Institutes of Management (IIMs) there is a rise in the number of dropouts from courses; and

Ans. No, The details are as under :

Programme	Year	No. of Dropouts
Undergraduate	2013-14	4
	2014-15	2
	2015-16	1 (till date)
Postgraduate	2013-14	405
	2014-15	424
	2015-16	252 (till date)
Ph. D	2013-14	Not Available
	2014-15	17
	2015-16	3 (till date)

- b) If so, the details thereof institution wise and the reasons therefor

Ans. The number of student dropouts at Undergraduate level at IIT Delhi is very small (usually in single digit out of a total annual intake of about 850 students). Most of these students are terminated due to poor academic performance even after several opportunities given to improve performance.

At Postgraduate level, the dropout rate for some M.Tech. programmes in Electrical and Mechanical Engineering has been exceeding 50% in the past three years. The primary reasons for the same is the use of GATE score by the Public Sector Undertakings for their recruitment which happens during the first semester of the M.Tech. Programme. In other disciplines, the dropout rate is relatively lower. At Postgraduates level, the dropouts fraction due to poor academic performance is much smaller compared to their attrition due to job opportunities

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

Date:March.9 2016

Ms.Triпти Gurha
 Director (IITs)
 Ministry of Human Resources Development
 Department of Higher Education
 Technical Section-I
 Shastri Bhavan
New Delhi- 110 001

Madam,

This has reference to your e-mail dated March 8 , 2016. The parawise reply of IIT Delhi is as follows :

Subject: Rajya Sabha Question No. 1515 dated 10.3.2016 regarding "**Fellowship of Research Degree**".

a) The number of students pursuing research degrees, including M. Phil and Ph. D who receive fellowships from Government, Year-wise since 2013;

Ans.

Year	Ph.D
2013-14	608
2014-15	633
2015-16	751

b) The average benefits of these fellowships, including stipend, tuition fee allowance and study grants;

Ans. Fellowship amount upto 2nd year is Rs. 25,000/- p.m. After 2nd year and upto 5th year it is Rs. 28,000/- p.m. Fellowship is all inclusive except housing. In case not staying in hostel (IIT Delhi) are also entitled for HRA @ 30% of basic assistantship.

c) The total budget allocated to research fellowships and the proportion disbursed, year-wise since 2013; and

Ans. Grant Received from MHRD under OH-31 (which includes UG/PG Scholarships and other recurring expenditures)

Year	Rupees in lakh
2013-14	3000.00
2014-15	2370.00
2015-16	2889.00(As on date)

Total expenditure for research fellowship

Year	Rupees in lakh
2013-14	1997.23
2014-15	1932.04
2015-16	3424.40(till February 2016)

d) The number of research fellowships awarded to different subjects such as social sciences, humanities or engineering?

Ans. Enclosed as annexure I (i), I(ii), I(iii).

Yours faithfully,

(Dr. Sandeep Chatterjee)

Registrar

Date: March.9 2016

Ms. Tripti Gurha
 Director (IITs)
 Ministry of Human Resources Development
 Department of Higher Education
 Technical Section-I
 Shastri Bhavan
 New Delhi

Subject: Rajya Sabha Question No. 1515 dated 10.3.2016 regarding “**Fellowship of Research Degree**”.

- d) The number of students pursuing research degrees, including M. Phil and Ph. D who receive fellowships from Government, Year-wise since 2013;

Ans.

Year	Ph.D
2013-14	608
2014-15	633
2015-16	751

- e) The average benefits of these fellowships, including stipend, tuition fee allowance and study grants;

Ans. Fellowship amount for 2nd year is Rs. 25,000/- p.m. After 2nd year and upto 5th year it is Rs. 28,000/- p.m. Fellowship is all inclusive except housing. In case not staying in hostel (IIT Delhi) are also entitled for HRA @ 30% of basic assistantship.

- f) The total budget allocated to research fellowships and the proportion disbursed, year-wise since 2013; and

Ans. Grand Received from MHRD under OH-31 (which includes UG/PG Scholarships and other recurring expenditures)

Year	Rupees in lakh
2013-14	3000.00
2014-15	2370.00
2015-16	2889.00(As on date)

Total expenditure for research fellowship

Year	Rupees in lakh
2013-14	1997.23
2014-15	1932.04
2015-16	3424.40(till February 2016)

d) The number of research fellowships awarded to different subjects such as social sciences, humanities or engineering?

Ans. Enclosed as annexure.

Yours faithfully,

(Dr. Sandeep Chatterjee)

Registrar

No. IITD/R/2016
April 4, 2016

Sh. Prisca Mathew
Under Secretary (IITs)
Government of India
Ministry of Human Resource Development
Department of Higher Education
Shastri Bhavan
New Delhi-110015

Subject: Ph.D. Scholarship in respect of Humanities & Social Science and Management.

Madam,

It has reference to your e-mail dated 31st March, 2016 on the above cited subject. The requisite information specific to IIT Delhi is given as under:

- a) Rate of scholarship being paid to students (as on date) of the above mentioned courses, both revised and pre-revised.

Ans.

	Pre-revised	Revised
For the 1st two years	16000/-	25000/-
After 2 years	18000/-	28000/-

- b) Total amount being paid by the Institute in this regard, per month.

Ans. Humanities and Social Science - Rs. 9,35,000/- .

Management - Rs. 9,15,600/-.

Total - Rs. 18,50,600/-.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016
April 21, 2016

Sh. Prisca Mathew
Under Secretary (IITs)
Government of India
Ministry of Human Resource Development
Department of Higher Education
Shastri Bhavan
New Delhi-110001

**Subject: Lok Sabha Unstarred Question No 76 to be answered on 25.04.2016
regarding IIT Graduates asked by Dr. Ramesh Pokhriyal "NISHANK" and Shri
Bharat**

Madam,

It has reference to your e-mail dated 19th April, 2016 on the above cited subject. The requisite information specific to IIT Delhi is given as under:

(a) Whether the Government has maintained any data of the Indian Institute of Technology (IIT) graduates migrated to foreign countries;

Ans. IIT Delhi does not maintain any such data.

(b) if so, the details thereof during the last three years;

Ans. Not Applicable

(c) Whether the Government has taken any steps to check the brain drain; and

(d) if so, the steps taken/being taken by the Government to bring the scientists and engineers working in the foreign countries back to the country?

Ans (C & D). Not for IIT Delhi

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016
Dt. April 22, 2016

Ms. Prisca Mathew
Under Secretary (IITs)
Government of India
Ministry of Human Resource Development
Department of Higher Education
Shastri Bhavan
New Delhi - 110 001

Subject: Rajya Sabha Question diary No. S905 to be answered on 28.04.2016 regarding Fee hike in IITs – reg.

Madam,

It has reference to your e-mail dated 22nd April, 2016 on the above cited subject. The requisite information specific to IIT Delhi is given as under:

- a) Whether it is a fact that a decision has been taken to hike the fee of undergraduate courses in the Indian Institute of Technology (IIT);
- b) If so, whether a study has been conducted to assess its impact on the poor students and those from the backward areas;
- c) Whether experts from the academic field have expressed apprehensions that the decision to hike fee in IIT would definitely have an adverse impact on the talented students coming from poor families; and
- d) The factual position thereof?

Ans. All the above questions have to be answered by the MHRD. This has reference to MHRD letter F.No.24-2/2016-TS1 dated 08.04.2016.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016
Dt. April 22, 2016

Ms. Prisca Mathew
Under Secretary (IITs)
Government of India
Ministry of Human Resource Development
Department of Higher Education
Shastri Bhavan
New Dehi - 110 001

Subject: Rajya Sabha Question Diary No. S1140 to be answered on 28.04.2016 asked by Kanwar Deep Singh regarding "Teaching posts in IITs" – reg.

Madam,

It has reference to your e-mail dated 22nd April, 2016 on the above cited subject. The requisite information specific to IIT Delhi is given as under:

(a) How much have been spent on faculty development in IITs during last five years;

Ans. Each faculty who joins IIT Delhi is provided a one-time grant upto of Rs. 10 lacs to initiate research in the area of their interest.

The expenditure for the last five years is as follows:

Year	Expenditure (Rs. In Lacs)
2010-11	120.50
2011-12	168.33
2012-13	195.37
2013-14	214.79
2014-15	241.34

(b) What has been done to use Massive open online courses (MOOCS) and FLIPPED classroom for meeting faculty shortage in IITs?

Ans. MOOCS is not used for IIT Delhi students.

Faculty uses required Audio Visual and ICT support to augment teaching learning experience. Being more or less a residential campus, faculty-student interaction is facilitated after office hours as well.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016

Ms. Prisca Mathew
Under Secretary (IITs)
Government of India
Ministry of Human Resource Development
Department of Higher Education
Shastri Bhavan
New Delhi - 110 001

Subject: Rajya Sabha Question Diary No. S1139 to be answered on 28.04.2016 asked by Dr. Kanwar Deep Singh regarding "Migration of IITs students".

Madam,

It has reference to your e-mail dated 22nd April, 2016 on the above cited subject. The requisite information specific to IIT Delhi is given as under:

a) How many B.Tech, M.Tech and Ph.D holders from IITs have migrated to other countries during last 5 years;

Ans. IIT Delhi does not maintain any such data.

b) What has been the economic and other loss due to their migrating out;

Ans. Cannot be assessed in view of answer to (a) above.

c) How much have they contributed/donated to our IITs so far; and

Ans. Cannot be assessed in view of answer to (a) above.

d) What is the market capitalization of startups run by IITians in Silicon Valley USA?

Ans. Cannot be assessed in view of answer to (a) above.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016
Dt. April 22, 2016

Ms. Prisca Mathew
Under Secretary (IITs)
Government of India
Ministry of Human Resource Development
Department of Higher Education
Shastri Bhavan
New Delhi - 110 001

Subject: Rajya Sabha Question Diary No. U396 to be answered on 28.04.2016 asked by Shri Mohd. Ali Khan regarding "IIT Delhi innovation and IP programme – reg.

Madam,

It has reference to your e-mail dated 22nd April, 2016 on the above cited subject. The requisite information specific to IIT Delhi is given as under:

- a) Whether the Indian Institute of Technology, Delhi has partnered Drug firm Plizer to launch an initiative to support individuals and start-ups for creating healthcare innovations in the country, if so, the details thereof;

Ans.

- b) Whether the innovation and Intellectual Property (IP) program with IIT Delhi will promote, celebrate and reward innovations and advancements in healthcare that are born and brought up in India for the benefit of our people and if so, the details thereof?

Ans.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016
Dt. April 22, 2016

Ms. Prisca Mathew
Under Secretary (IITs)
Government of India
Ministry of Human Resource Development
Department of Higher Education
Shastri Bhavan
New Delhi – 110 001

Subject: Rajya Sabha Question Diary No. S1068 - IIT-PAL for free online coaching – reg.

Madam,

It has reference to your e-mail dated 22nd April, 2016 on the above cited subject. The requisite information specific to IIT Delhi is given as under:

- (a)** Whether it is true that Government has proposed for launching an IIT-Pal that would provide free online coaching by IIT professors and experts to poor IIT aspirant students;
- (b)** Whether it is also true that Government has asked the IIT to make the portal a reality;
- (c)** Whether it is also true that the portal would upload lectures by IIT professors, If so, the details thereof?

Ans to Question (a), (b) & (c): At, IIT Delhi there is no such activity at present.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016
Dt. April 22, 2016

Ms. Prisca Mathew
Under Secretary (IITs)
Government of India
Ministry of Human Resource Development
Department of Higher Education
Shastri Bhavan
New Delhi – 110 001

Subject: Lok Sabha Question Diary No. 354 to be answered on 25.04.2015.

Madam,

It has reference to your e-mail dated 21st April, 2016 on the above cited subject. The requisite information specific to IIT Delhi is given as under:

a) The total numb

er of papers published per faculty in the various Technical limitations like Indian Institute of Technology, Indian Institute of Management, Indian Institute of Science Education and Research and National Institute of Technology funded by the Government.

Ans. The total number of papers published in International Journal per faculty during last 3 years is:

2010-11			2011-12			2012-13		
No. of article	No. of faculty	No. per faculty	No. of article	No. of faculty	No. per faculty	No. of article	No. of faculty	No. per faculty
1958	456	4.29	2320	461	5.03	2400	450	5.33

2013-14			2014-15		
No. of article	No. of faculty	No. per faculty	No. of article	No. of faculty	No. per faculty
2484	483	5.14	1801	510	3.53

The faculty members have also presented a similar number of papers in national and International conferences.

b) Whether the Government has any proposal to encourage better research and an incentive mechanism in place to increase publication and if so, the detail thereof

Ans. NA

c) Whether the Government has received any request of grant of various MHRD Funded Technical Institution for research purpose during the last three years.

Ans. The Institute (IRD) has requested a grant of Rs. 9,28,69,920/- from MHRD during the last three years.

d) If so, the details thereof?

Ans. The details are as under:

Proposal No. and ID	Title	PI/Department	Amount (Rs.)
2016048	Design of Novel “MH Base isolation System” for protection of Building under Multi Hazard Dynamic Excitation	Prof. Vasant A Matsagar/ Civil Engineering	4,82,74,200.00
2016025	Membrane Tech for Clarification of Sugar Cane Juice	Prof. G P Aggarwal/ Biochemical Engineering and Biotechnology	57,62,900.00
2016027	Low Cost semiconductor and Optical sensor based urban Air Quality Monitoring Network System	Prof. Mukesh Khare/ Civil Engineering	3,88,32,820.00

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016
Dt. April 29, 2016

Ms. Prisca Mathew
Under Secretary (IITs)
Government of India
Ministry of Human Resource Development
Department of Higher Education
Shastri Bhavan
New Delhi – 110 001

Subject: Lok Sabha Unstarred Question No. 1255 to be answered on 02.05.2015 asked by Shri Pinaki Misra regarding “Disaster Management Courses”

Madam,

It has reference to your e-mail dated 22nd April, 2016 on the above cited subject. The requisite information specific to IIT Delhi is given as under:

(a) the total number of educational/ training institutes that are offering courses in Disaster Management in the country;

b) the number of students have passed out from such institutes during the last three years;

(c) whether the Government has any provision to utilise the services of such qualified Disaster Managers during National/State disasters; and

(d) if so, the details thereof?

Ans to Question (a), (b) & (c): At, IIT Delhi there is no such activity at present.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016/LSSQ/AREG-
Date: April 29, 2016

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject: Lok Sabha Unstarred Question Diary No. 1255 to be asked by Shri Pinaki Misra reading "Disaster Management Courses"

Madam,

- (a) The total number of educational / training institutes that are offering courses in Disaster Management in the country;
- (b) The number of students have passed out from such institutes during the last three years;
- (c) Whether the Government has any provision to utilize the services of such qualified Disaster Management during National / State disasters; and
- (d) If so, the details thereof ?

Ans (a) (b) (c) and (d) : There is no such course in Indian Institute of Technology Delhi.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016/LSSQ/AREG-
Date: April 29, 2016

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject: Lok Sabha Unstarred Question Diary No. 1255 to be asked by Shri Pinaki Misra reading "Disaster Management Courses"

Madam,

- (e) The total number of educational / training institutes that are offering courses in Disaster Management in the country;
- (f) The number of students have passed out from such institutes during the last three years;
- (g) Whether the Government has any provision to utilize the services of such qualified Disaster Management during National / State disasters; and
- (h) If so, the details thereof ?

Ans (a) (b) (c) and (d) : There is no such course in Indian Institute of Technology Delhi.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016/LSSQ/AREG-
Date: April 29, 2016

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject: Rajya Sabha Question Diary No.S2311 to be replied on 05.05.2016 regarding Humanities and Social Science in IITs asked by Dr. Kanwar Deep Singh

Madam,

It has reference to your e-mail dated 27th April, 2016 on the above cited subject. The requisite information specific to IIT Delhi is given as under:

a) Whether the IITs teach Literature, Culture, Art, History, Economics, Psychology, Sociology etc under Humanities and social sciences;

Ans: IIT Delhi teaches the following subjects:

English Literature, Economics, Linguistics, Philosophy, Psychology, Policy Studies, and Sociology.

b) If so, how much credit is given to these subjects;

Ans: Every B.Tech student has to do 15 credits (4 Courses) in Humanities and Social Sciences and can do more courses under the open Category courses in case he or she is interested.

The Department also has a Ph.D. program in all these disciplines where pre-Ph.D. course are taught and students are guided to do Ph.D. thesis. The department has almost 53 full-time registered Ph.D. Students and 35 part - time students.

The Department faculty members are active researchers and many conferences and seminar in these disciplines are held regularly.

IIT Delhi also has NRCVE (National Resource Center in Value Education) that also floats courses related to social science and humanities.

c) How does it compare with MIT and Stanford; and

Ans: IITs were set up along the Lines of MIT and we perhaps have more Humanities and Social Science disciplines than the MIT.

IIT Delhi has 34 faculty members in the Humanities and Social Sciences. It also has a Language Learning Center and a Cognitive Sciences Lab.

All faculties are engaged in teaching and research as well as carrying out extra-mural duties with regards to students.

d) How many PhDs were awarded by last three years under above subjects?

Ans: No. of Ph.Ds awarded by the department in the last three years - 23

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject: Rajya Sabha Question Diary No.S2310 to be replied on 05.05.2016 regarding Steps for improving teaching methods of engineering college asked by Dr. Kanwar Deep Singh

Madam,

It has reference to your e-mail dated 27th April, 2016 on the above cited subject. The requisite information specific to IIT Delhi is given as under:

(i) Whether IITs have taken any steps to improve quality, syllabus and teaching method in thousand of engineering colleges in the country recognized by AICTE;

Ans: AICTE is an autonomous body which decides the syllabus etc. IIT Does not have any say as an Institute; however, several faculty members are included in the committees of AICTE for the purpose

However, IIT Delhi conducts Quality Improvement Programme to improve quality, syllabus and teaching methods in Engineering Colleges across the country. Quality Improvement Programme / Continuing Education Programme / TEQIP-II have trained 125 (approx.) faculty members through M. Tech. / Ph.D. programme. Short-term programmes and Mentorship is also provided by IIT Delhi and has also trained 2960 (approx.) teachers in last 5 years

(j) Whether IITs conduct programmes to train engineering teachers of private colleges and if so, the number of teachers trained so far; and

Ans: IIT Delhi conducts training programme to train Engineering Teachers and have trained 2960 (approx.) teachers in last five years.

(k) Names of programmes conducted by IITs during last two years to make national programme like Make in India , Start up India and Digital India successful;

Ans:

Make in India

1. IIT Delhi organized a 5 Day Short Term Course on “Make in India: Innovative Product Design” during December 14 - 18, 2015. The course was attended by large number of faculty from Engineering Colleges.
2. Reverse Pitch Acceleration Summit with the theme “Innovating for Make in India” in association with IICA.
3. Advance Construction Project Management
4. Construction Quality & Safety Management
5. Advance in Solar Energy Technologies
6. Solar Power & Space Conditioning Options
7. Recent advance in Utilization of Hydrogen in Internal Combustion Engines

Start-Up India

1. During a last few years, there has been an unprecedented increase in students pursuing start-ups. Whereas some students engage in their own start-ups after graduation, many students start their ventures while they are still students on campus. One such student start-up was selected among five ventures which represented and made presentations during start-up India launch by Prime Minister on 16th January, 2016. IIT Delhi is planning to create student incubation center to promote entrepreneurial ecosystem among students.
2. To encourage entrepreneurial temper among students, IIT Delhi has designed and offered new elective course titled “Entrepreneurship” (MCL 759) to undergraduate and post graduate students. Apart from theory and practice, course gives opportunity for face-to-face interaction with successful entrepreneurs once a week. Students work in teams to develop business models and present the same to an expert committee. 60 students have taken this course while students who applied to do this course was large.
3. As a part of MHRD supported Design Innovation Center and DST supported Center for Policy Research, IIT Delhi organized a day long inclusive innovation conference on November 1, 2015. The conference gave opportunity to more than 200 students from IIT Delhi and others to interact with successful social entrepreneurs in the space of healthcare, education, financial inclusion, agriculture, energy and environment. More than 15 social enterprises had their stalls in the exhibition organized as a part of the conference. Shri Jayant Sinha Minister of state for finance was the keynote speaker at this conference.
4. IIT Delhi together with Harvard University’s SAI (South Asia Initiative) conducted a two day capacity building program for budding social entrepreneurs. About 40 participants belonging to 25 social enterprises attended this program sponsored by Tata Trusts. Many experts including Prof Tarun Khanna (Chairman, NITI AAYOG’s Expert Committee on Innovation and Entrepreneurship) conducted sessions.
5. Pfizer- IIT Delhi Innovation and IP Programme.
6. Growing up a biotechnology start – up.
7. Make in India : Innovative Product Design
8. Creativity & Innovation
- 9.

Digital India

1. As a part of digital India, Deity has sponsored a project titled “Tactile Graphics for Visually Impaired” at IIT Delhi. The objective of this centre is to develop technologies and services to make diagrams accessible to visually challenged personnel at an affordable cost. IIT working with NCERT closely to make maths and science accessible to visually challenged students for the first time.
2. Ericsson Innovation Awards
3. Cyber Security
4. MIMO Wireless Communication Fundamentals and Advancements
5. Coding Theory and Advanced Information Theory
6. Information Theory and the Maximum Rate of Reliable Communication

7. Stepping into next Generation Grids

Accessible India

1. IIT Delhi has an Assistech Lab which works towards technology based solutions to empower visually challenged. Some of its products in the space of mobility and education have reached people and many others are in translation. The Lab was part of Accessible India Initiative launched in December 2015. The Assistech Lab for its efforts was also awarded National Award by Ministry of Social Justice & Empowerment, Government of India for the Best Applied Research/Innovation/Product Development Aimed at Improving the Life of Persons with Disabilities during the launch of accessible India.
2. For their contributions towards development of assistive technologies, IIT Delhi faculty have also won National Award by Department of Science & Technology to Scientists working on Improving Accessibility for the Disabled. The award was conferred by Prime Minister during Indian Science Congress held at Mysore during January 2016.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016/LSSQ/AREG-
Date: May 3, 2016

Ms. Prisca Mathew
Under Secretary
Ministry Of Human Resource Development
Department of Higher Education
Technical Section-I
Shastri Bhawan
New Delhi-110001

Subject: Prime Minister's new 15 Point Programme for welfare of Minorities- measures to give special consideration to minorities in recruitment-Annual Report for the year 2015-16

Reference : MHRD e-mail dated 29-04-2016 and Letter No. F.10-2/2016-MC dated 25-04-2016

Madam,

It has reference to your e-mail dated April 29, 2016 on the above cited subject. The requisite information specific to IIT Delhi is attached herewith.

Thanking you,

Yours faithfully,

Encl : as above

(Dr. Sandeep Chatterjee)
Registrar

ANNUAL REPORTING ON SELECTION COMMITTEES/BOARDS CONSTITUED AND PERSONS RECRUITED

PROGRESS REPORT FOR IMPLEMENTATION OF PRIME MINISTER'S NEW 15 POINT PROGRAMME FOR WELFARE OF MINORITIES

Ministry/ Department **Indian Institute of Technology Delhi**

Annual Year Ending **March 31, 2016**

	Group A			Group B			Group C			Group D		
	Total no. employe e as on 31`st march	Total no. persons employe d during the year	Minoritie s persons employe d during the year	Total no. employe e as on 31`st march	Total no. persons employe d during the year	Minoritie s persons employe d during the year	Total no. employe e as on 31`st march	Total no. persons employe d during the year	Minoritie s persons employe d during the year	Total no. employe e as on 31`st march	Total no. persons employe d during the year	Minorities persons employe d during the year
Faculty	520	18	-	-	-	-	-	-	-	-	-	-
Academi c staff *	47	05	-	359	05	01	113	21	02	183	-	-
Staff under provision **												
Total	567	23		359	05	01	113	21	02	183	-	-

* Appointment of Assistant Professors (entry level) . Faculty selections are considered on general/reserved categories basis and not on minorities basis.

** In IITD, the selection of the staff is not made on minority community's basis .Only the reservations to SC/ST/OBC/PH etc. Category is given as per GoI's norms /rules

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject: Lok Sabha starred Question Diary No. 4749 to be replied on 02.05.2016 regarding IIT and University.

- (l) Whether the Government is aware that the teaching posts which are reserved for OBC, ST and SC are not filled in time ;
(m) If so, the details thereof; and
(n) The time by when these are likely to be filled up?

Ans: The information in respect of IIT Delhi for Question (a), (b) & (c) above is as under:

S.No	Name of the Institute	Teaching position Identified*			Teaching position filled			Teaching position Unfilled		
		SC	ST	OBC	SC	ST	OBC	SC	ST	OBC
1	IIT Delhi	22	11	40	7	2	12	15	9	28

Reason for non- filling backlog vacancies: Despite our best efforts to fill-up the faculty vacancies for all categories, we are unable to recruit the suitable persons, however, in order to secure adequate representation of SC/ST/OBC communities at IIT Delhi, special drive for recruitment of faculty for SC/ST/OBC categories has been carried out during 2013-2014 in addition to rolling advertisement already available on Institute website.

Faculty recruitment in IIT Delhi is going on round the year against rolling Advertisement. Which is already on the Institute website and the Institute issues regular advertisement from time to time in the leading National Newspapers for faculty recruitment.

Note: * Since there is no fixed number of Assistant Professor in the Institute, the number of vacancies available for persons belonging to SC/ST/OBC is at a given point of time (i.e as on date) the number of Assistant Professors happens to be 151 in position.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject Lok Sabha UnStarred Question No. 2523, regarding "Percentage of Staff" to be answered on 09.05.2016

It has reference to your e-mail dated 5th May, 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under:

a) The percentage of staff and students of institutions of National Importance represented by members of Scheduled Castes and Scheduled Tribes communities during the last three years;

Ans.

(i) Information in respect of teaching and non-teaching academic staff:

S.No	Year	Total Faculty on roll	SC	ST
1	2014	518	08 (1.54%)	04 (0.77%)
2	2015	517	09 (1.74%)	04 (0.77%)
3	2016 (As on today)	523	09 (1.72%)	04 (0.76%)

Note: Percentage has been calculated against total Academic Staff (as per Parliament Question). However, reservation as per MHRD, Govt. of India policy is applicable only in respect of entry level post of Assistant Professor. The number of Assistant Professors during 2014, 2015 and 2016 are 131, 147 & 151.

(ii) Information in respect of staff other than above:

S.No	Year	Total Employee	SC	ST
1	2014	780	172 (22.7%)	15 (1.92%)
2	2015	728	161 (22.11%)	15 (2.06%)
3	2016 (As on today)	700	153 (21.86%)	15 (2.14%)

(iii) Information in respect of students

S.No	Year	Undergraduate		Postgraduate	
		SC	ST	SC	ST
1	2012-2013	15.05%	7.52%	8.67%	1.77%
2	2013-2014	15.57%	7.93%	8.31%	1.44%
3	2014-2015	15.33%	7.92%	8.01%	1.65%

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject: Lok Sabha UnStarred Question No. 2343, regarding "Social work in Higher Education" to be answered on 09.05.2016

It has reference to your e-mail dated 6th May, 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under:

a) The number of the higher education institutions where social work is being taught as a subject at graduation and post-graduation levels;

Ans. The subject is not been taught at IIT Delhi.

b) The number of students who are studying social work as a subject in these various institutes of higher education and the number of teachers of the said subject working therein;

Ans NA

c) Whether posts of the teachers of social work are lying vacant in various institutions of higher education; and

Ans. IIT Delhi does not have any Department of Social work. However we have Department of Humanities and Social Sciences and there is no vacancy in this Department

d) If so, the remedial measures being taken by the Government in this regard State-wise ?

Ans . NA

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject: Rajya Sabha Question Diary No. S522 – Admission of foreign students in ITs

Dear Madam,

It has reference to your e-mail dated 15th July, 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under:

(a) whether it is that Indian Institute of Technology are planning to hold their entrance tests abroad from next year to admit foreign students.

Ans. Yes, IITs have been advised by the MHRD to hold tests at selected countries abroad.

(b) if so, whether the foreign students are admitted in addition to our students or they are part of the total strength or there is any cap on foreign students to be admitted in IITs; and

Ans. Yes, the foreign students would be supernumerary. They will not take seats to Indian nationals. There is a cap on foreign students which is 10% of Indian students strength.

(c) whether total number of seats available to Indian students will remain same?

Ans. Yes, the seats available to Indian nationals would remain intact.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016/LSSQ/AREG-
Date: July 20, 2016

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject: Rajya Sabha Question Diary No. S522 – Admission of foreign students in ITs

Dear Madam,

It has reference to your e-mail dated 19th July, 2016, on the above cited subject. The requisite information specific to IIT Delhi is attached.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016/LSSQ/AREG-
Date: July 21, 2016

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject: Lok Sabha Question Diary No. 1210 – Admission Exam in foreign countries

Dear Madam,

It has reference to your e-mail dated 20th July, 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under :

(a) whether the Government has any proposal to conduct Indian Institute of Technology (IITs) admission exams in Africa and SAARC countries excluding Pakistan.

Ans. A proposal to conduct JEE (Advanced), the examination for admission to Indian Institutes of Technology, in foreign lands is under consideration.

(b) if so, the details thereof and the reasons therefor ; and

Ans. A study is being initiated to study its feasibility.

(c) The time by which it is likely to be implemented ?

Ans. The time by which it is likely to be implemented is uncertain.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

Date: July 27, 2016

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject: Lok Sabha Question Dy. No. 10748, regarding advertisement to faculty position to be answered on 01.08.2016

Dear Madam,

It has reference to your e-mail dated 26th July, 2016, on the above cited subject. The requisite information to (c) & (d) specific to IIT Delhi is given as under :

c) The number of Assistant Professors, Associate Professors and Professor belonging to OBCs currently employed in the Central Universities and Indian Institute of Technology; and

**Ans. Assistant Professor – 10
Associate Professor – 2**

d) The total number of positions reserved for OBC's that have remained unfilled?

Ans.

S.No	Seat reserved for OBC	Filled	Unfilled
1	41	12	29

Note: Percentage has been calculated against total Academic Staff (as per Lok Sabha question). However, Reservation as per MHRD, Govt. rules is applicable only in respect of entry level post of Assistant Professor. Since there is no fixed number of Assistant Professor in the Institute, the number of vacancies available for persons belonging to OBC is at a given point of time (i.e as on date) the number of Assistant Professors happens to be 152 in position.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

Date: August 2, 2016

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I

Subject: Rajya Sabha Unstarred Question for 04.08.2016 regarding "Migration of students after receiving subsidized education.

Madam,

It has reference to your e-mail dated 1st August 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under :

Year	Campus Placement		Alumni Contribution (Rs.)	
	National	International	National	International
2014-15	752	53	1059600.00	1042772.00
2015-16	700	29	2498854.00	3052682.25

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject : Parliament Committee on the Welfare of SC and ST-Roles of Educational Institutions including universities, technical, medical and engineering in socio-economic development of SCs and STs.

Madam,

It has reference to your e-mail dated 2st August 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

(i) Benefits provided by IITs to SC/ST Students.

Ans.

1. Tuition fee waiver for all SC/ST students (Both UG & PG level)
2. Free messing to SC/ST students at undergraduate level (subject to annual income of parents upto 4.5 lakhs)
3. Relaxation in the academic performance criteria for termination of registration for UG and PG students
4. Relaxation in the academic performance criteria for continuation of fellowship of postgraduate students

(ii) Measures initiated to prevent any form of caste based discrimination by the Institute

Ans. The category/caste is neither declared in hostel allotment nor in the roll lists for academic courses registered by the students. There is a conscious attempt to ensure that all routine activities (Academics as well as Co-Curricular and extra-curricular) are carried out without explicit identification of caste/ category of any students. For example, weak students are identified on the basis of academic performance alone.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I, Shastri Bhavan
New Delhi – 110001

Subject : Lok Sabha Unstarred Question No. 3573 to be replied "Objective of UAY" reg.

Madam,

- a) Whether it is true that some IITs are also facilitating start up India and if so, the details of IITs that are facilitating the same IIT-wise;
- b) Whether any IIT is working/helping people, particularly engineering graduates, under the Stand up India programme and if so, the detail thereof, with a particular reference to Andhra Pradesh ?

Ans.

1. During a last few years, there has been an unprecedented increase in students pursuing start-ups. Whereas some students engage in their own start-ups after graduation, many students start their ventures while they are still students on campus. One such student start-up was selected among five ventures which represented and made presentations during start-up India launch by Prime Minister on 16th January, 2016. IIT Delhi is planning to create student incubation center to promote entrepreneurial ecosystem among students.
2. To encourage entrepreneurial temper among students, IIT Delhi has designed and offered new elective course titled "Entrepreneurship" (MCL 759) to undergraduate and post graduate students. Apart from theory and practice, course gives opportunity for face-to-face interaction with successful entrepreneurs once a week. Students work in teams to develop business models and present the same to an expert committee. 60 students have taken this course while students who applied to do this course was large.

Apart from the above, IIT Delhi was the earliest HEI in India to initiate incubation programme in 1999. The business incubation programme at IIT Delhi has been instrumental in converting novel technologies concepts/ideas into commercially viable opportunities. So far, 54 start-ups have been physically incubated here.

The Foundation for Innovation and Technology Transfer (FITT) incubators (TBIU- Technology Business Incubation Unit and BBIF-Biotech Business Incubator Facility) at IIT Delhi have been notified on the Start-up India Portal (www.startupindia.gov.in).

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

**Subject : Lok Sabha Unstarred Question No. 3545 to be replied on 08.08.2016 regarding
“Dropouts from Courses”**

Madam,

It has reference to your e-mail dated 2st August 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

- a) Whether the Government is aware that there is a rise in the number of course dropouts from courses in Indian Institute of Technology (IITs) and Indian Institute of Management (IIMs) in the country;
b) If so, the details thereof institution wise and the reasons therefor?

Ans.

The details of the dropouts at IIT Delhi are as under:-

Postgraduate:

1. PG Programme students:-

	Enrollment					Dropout				
Year	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014
OBC	279	300	245	236	228	59	106	53	55	52
SC	136	149	114	131	125	34	62	31	35	39
ST	43	41	32	31	37	18	15	14	10	19

2. Ph.D. * Programme Students:-

	Enrollment					Degree Awarded				
Year	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014
OBC	59	61	74	47	40	0	1	13	11	22
SC	41	31	36	21	18	14	13	9	13	15
ST	3	4	4	0	2	4	1	1	2	3

*For Ph.D. Programme there is no specific period hence year wise dropout was not available. Numbers given are enrollment & degree awarded in that year.

Reply for item (a) relates to GOI/MHRD and hence, no comments are offered.

Undergraduate:

Number of dropouts from the Courses are given below:

S.No.	Year	Total numbers of dropout
-------	------	--------------------------

1.	2013-2014	4
2.	2014-2015	2
3.	2015-16	1

c) Whether the Government taken steps to prevent suicides in prestigious institutes in the country; and

Ans. Yes, the Institute has taken such steps.

d) If so, the details of steps taken by the government with details of suicides happened during the last three years in the country?

Ans.

- 1. We have a full fledged counselling service section. There are three senior counselors who regularly monitor the progress of concerned students.**
- 2. We also have student mentoring Committees where senior students mentor junior students.**
- 3. We also have student tutors, where meritorious students help the junior students to understand the subject.**
- 4. One suicidal case (Mr. Rajwinder Singh died on 1/5/2013) in the Institute since 2013.**

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016/LSSQ/AREG-

Date: August 3, 2016

V N Kale
Additional Commissioner
Mechanisation & Technology Division
Deptt.of Agriculture , Cooperation & Farmers Welfare ,
Ministry of Agriculture and Farmers Welfare
Govt.of India
Krishi Bhavan , Room No. 298
NEW DELHI 110001

Subject : Lok Sabha Question Diary No. 13987

Sir,

It has reference to your e-mail dated 2st August 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

(a) whether the Government is aware that a device called Mangal turbine/project is invented and patented in the country by a farmer/innovator which can irrigate hundred hectares and more of land lifting water without electricity and diesel in the country and abroad:

Ans. This is for the Government to reply

(b) if so, whether it is a fact that the various technical experts and **Indian Institute of Technology** had recognized this device but the ICAR has not recognized this device, if so, the details thereof;

Ans. IITD undertook a sponsored project . The projects was completed and the turbine was redesigned and erected on a river.

(c) whether the Government proposes to include such projects under the Pradhan Mantri Krishi Sinchayee Yojana to promote indigenous rural technology, if so, the details thereof?

Ans. This is for the Government to reply

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

No. IITD/R/2016/AREG-
Date: August 4, 2016

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject : Updated information in respect of IITs to be replied on 01.08.2016

Madam,

It has reference to your e-mail dated 2st August 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

1. Number of Patents filed/ awarded during the year 2015-2016

Ans. Filed- 35, Awarded- 10

2. Faculty in position as on 01.08.2016

Ans. 513

3. Student intake (UG, PG and Ph.D) as on 01.08.2016

Ans. UG – 851 , PG- 1246, Ph.D- 302

4. Student strength (UG, PG and Ph. D) as on 01.08.2016

Ans. UG- 3848, PG- 2195, Ph.D-2515

5. Number of Research Fellows in the year 2015-2016 (as on 01.08.2016)

Ans. Please refer to reply for point 3 and 4 above (for Ph.D students only)

6. Number of Research Publications (National/ International) in the year 2015-16 as on 02.08.2016

And: The publications of IIT Delhi indexed in SCOPUS and Web of Sciences during 2015 and 2016 are as under

	Web of Sciences	SCOPUS
2015	1070	1704
2016	605	898

7. Number of Research Projects completed during the year 2015-16

Ans: Total 158 Projects (List Attached)

8. Status of Placement during the year 2015-16.

Ans. During 2015-16 (B.Tech +Masters) 87% placed through campus placement of students registered with T&P. This data does not include data for Department of Management Studies (DMS). In DMS. 59 Students opted for placements. All students who were part of the placement process were placed, based on communication from the student placement team.

Thanking you,

Yours faithfully,

(Dr. K.K. Bhattacharjee)
Actg. Registrar

Updated information in respect of IITs to be reply

No. IITD/R/2016/AREG-
Date: August 4, 2016

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

**Subject: Parliamentary Committee on welfare of Schedule Cast and Schedule Tribe-
"Role of Educational Institutions including Universities, technical, medical
and engineering in social-economic development of SCs & STs**

Madam,

It has reference to your e-mail dated 25th July 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

Inputs from IIT Delhi on the Background Note for Parliamentary Committee on the Welfare of Scheduled Castes and Scheduled Tribes "Role of Educational Institutions including Universities, Technical, Medical and Engineering in Socio Economic Development of Scheduled Castes and Scheduled Tribes" (2015-16)

The background note provides comprehensive information on various initiatives taken by the Government of India. The following inputs may be considered in this regard:

- (a) It would be highly useful if the provisions are periodically updated and a corresponding mention is explicitly made in the background note.
- (b) Under section 8.3.8 the following additional point (iii) be included:
 - (iii) No hostel fees/mess advance need be charged at the time of admission from those SC/ST students who are eligible for post-metric scholarship.
- (c) The number of fellowships under Central Sector Schemes (section 9.2.1) was increased from 1333 to 2000 in 2010-11. This number may be revised upwards with a proper assessment of its demand.
- (d) Similarly the number of awards under Central Sector Scholarship Scheme of Top Class Education for SC/ST students (Sections 9.3 and 9.4) also need upward revision from 1250 and 1000 respectively.

- (e) The post-degree support for improving employability and skill development (Section 11) may be further strengthened.
- (f) This background note must preferably define the modalities of assessing the efficiency and efficacy of implementation and the outcomes of all the provisions made by the Government of India.
- (g) The concept note mentions that 80% of the SC/ST population is in villages. Implementation process of all benefits may take cognizance of this fact for making the provisions truly inclusive.

Thanking you,

Yours faithfully,

(Dr. K.K. Bhattacharjee)
Actg. Registrar

No. IITD/R/2016/AREG-
Date: August 4, 2016

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

**Subject: Parliamentary Committee on welfare of Schedule Cast and Schedule Tribe-
"Role of Educational Institutions including Universities, technical, medical
and engineering in social-economic development of SCs & STs**

Madam,

It has reference to your e-mail dated 25th July 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

Inputs from IIT Delhi on the Background Note for Parliamentary Committee on the Welfare of Scheduled Castes and Scheduled Tribes "Role of Educational Institutions including Universities, Technical, Medical and Engineering in Socio Economic Development of Scheduled Castes and Scheduled Tribes" (2015-16)

The background note provides comprehensive information on various initiatives taken by the Government of India. The following inputs may be considered in this regard:

- (a) It would be highly useful if the provisions are periodically updated and a corresponding mention is explicitly made in the background note.
- (b) Under section 8.3.8 the following additional point (iii) be included:
 - (iii) No hostel fees/mess advance need be charged at the time of admission from those SC/ST students who are eligible for post-metric scholarship.
- (c) The number of fellowships under Central Sector Schemes (section 9.2.1) was increased from 1333 to 2000 in 2010-11. This number may be revised upwards with a proper assessment of its demand.
- (d) Similarly the number of awards under Central Sector Scholarship Scheme of Top Class Education for SC/ST students (Sections 9.3 and 10.3) also need upward revision (i.e. 1250 for SC students and 1000 for ST students.)

- (e) The post-degree support for improving employability and skill development (Section 11) may be further strengthened.

- (f) This background note must preferably define the modalities of assessing the efficiency and efficacy of implementation and the outcomes of all the provisions made by Government of India.

- (g) The concept note mentions that 80% of the SC/ST population is residing in villages. Implementation process of all benefits may take cognizance of this fact for making the provisions truly inclusive.

Thanking you,

Yours faithfully,

(Dr. K.K. Bhattacharjee)
Actg. Registrar

No. IITD/R/2016/AREG-
Date: August 5, 2016

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject : Information about existence of SC,ST Cell and Liaisoning Officers in IITs-reg.

Madam,

It has reference to your e-mail dated 5th August 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

S.No.	Name of organization	Wheather SC/ST Cell existing	If no, reason therefore and steps taken to create	Wheather Liaison Officer existing in SC/ST Cell	If no, reason therefore and steps taken to nominate
1.	IIT Delhi	So far as staff of the IIT is concerned, at IIT Delhi a federation namely SC/ST Employees Welfare Association exists and this Association has been provided Room, telephone etc. Besides one Professor has been appointed as SC/ST Liaison Officer to look into their grievances. Its office bearers are also being permitted form time to time to participate in relevant meetings of SC/ST Association of others IITs.	NA	Prof.S. Basu Chemical Engg. Deptt. Office Contact No. 011-26591035 9811503704 (M)	NA

In Addition to the above the Institute have following committees:

1. To Oversee Facilities for Differently Able students
2. To Oversee Reservation issues for Differently Able Persons

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi – 110001

Subject : Lok Sabha Starred Question No. 1123, regarding “Fuel Less Energy” to be answered on 11.08.2016

Madam,

It has reference to your e-mail dated 5th August 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

e) Whether the Government is aware that various fuel less (Energy Saver) machines/devices with efficiency approval 76% have been developed by the individual Innovators and said machines tested by the Central Institute of Agriculture Engineering (ICAR), IIT and others are being awarded by the National and International Institutions;

f) If so, the details thereof;

Ans. The details of Technologies developed by IIT Delhi are attached.

g) Whether the Government is providing fund/grant under various schemes for production of electricity especially under small and hydro power schemes; and

Ans. NA

h) If so, the steps being taken by the Government to provide fund/ assistance to such innovators, whose efficiency was approved as 76%?

Ans. NA

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi – 110001

Subject :

Madam,

It has reference to your e-mail dated 5th August 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

i) Whether the Government is aware that various fuel less (Energy Saver) machines/devices with efficiency approval 76% have been developed by the individual Innovators and said machines tested by the Central Institute of Agriculture Engineering (ICAR), IIT and others are being awarded by the National and International Institutions;

j) If so, the details thereof;

Ans. The details of Technologies developed by IIT Delhi are attached.

k) Whether the Government is providing fund/grant under various schemes for production of electricity especially under small and hydro power schemes; and

Ans. NA

l) If so, the steps being taken by the Government to provide fund/ assistance to such innovators, whose efficiency was approved as 76%?

Ans. NA

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar

Ms. Prisca Mathew
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi – 110001

Subject: Assurance given to Lok Sabha in LSUSQ No. 2392, regarding Funds for Higher Education.

Madam,

It has reference to your e-mail dated 22st August 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

(a) the details of subsidy provided per student for each category along with the number and amount of scholarships in these institutions during the same period;

Ans. Undergraduate Section:-

- Tuition fee waiver for SC,ST students (also for P. D student w.e.f. 2016)
- SC and ST students with family income upto Rs. 4.5 lac per annum are given free messing (basic menu + Rs. 250/- p.m.)
- MCM (tuition Fee waiver + Rs. 1000/- p.m.) to 25% of UG students.
- Freeship (tuition fee waiver only) to 10% of UG students.
- Teaching Assistantship equivalent to tuition fee to around 25-40 students each semester
- Merit prize of top 7% (Rs. 2500) every semester to around 200 students.

Postgraduate Section

- No subsidy to PG student except freeship to SC/ST/ P. D as per rule.
- MCM to 25% of M. Sc sanctioned strength Rs. 1000/- p.m. plus tuition fee waiver.

(b) the total number of additional seats created in each category of these institutions during the last three years and the current year;

Ans. No additional seats created for PG or UG programme.

(c) the comparison of allocations to higher education and per student subsidy with the international average and Brazil, Russia, India, China and South Africa (BRICS) countries?

Ans. No record in Institute.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar



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Hauz Khas, New Delhi – 110016

No. IITD/R/2016/LSSQ/AREG-

Date: November 16, 2016

Sh. Kundan Nath
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

**Subject : Lok Sabha Unstarred Question No. 855 to be replied on 21.11.2016 regarding
“Girls Students in IITs”.**

Sir,

It has reference to your e-mail dated 15th November 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under:

- whether the percentage of admission of girl students in Indian Institutes of Technology (IITs) is very low across the country
- if so, the details thereof and the reasons therefore;
- The details of the action being taken by the Government in this regard?

Ans: Following student shows the enrollment of girl students in IIT Delhi during recent three academic years.

	Academic Year 2014-15		Academic Year 2015-16		Academic Year 2016-17	
	Male	Female	Male	Female	Male	Female
UG	3400	444	3386	421	3439	400
PG	3072	1140	3092	1212	3227	1325
Total	6472	1584	6478	1633	6666	1725
Total Students	8056		8111		8391	
Percentage of Girl Students	19.7%		20.1%		20.6%	

As seen from data above, the enrollment of girl students in IIT Delhi has been marginally increasing over the last three academic years. On the average, the percentage of girl students is around 20%.

Entrance to UG and PG programmes in IIT is through a highly competitive process. Various socio-economics factors may have led to a relative smaller number of female students qualifying through this system. Initiatives like IIT-PAL are expected to relieve this situation and provide more access to study material to a larger number of girl students, particularly at the UG level. Thus it is expected that the percentage of girl students may increase in coming years.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar



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Hauz Khas, New Delhi – 110016

No. IITD/R/2016/LSSQ/AREG-
Date: November 16, 2016

Sh. Kundan Nath
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject: Lok Sabha Unstarred Question Diary No. 850 to be replied on 21.11.2016 regarding "IITs and IIMs".

Sir,

It has reference to your e-mail dated 15th November 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

- a) Whether the Government is aware that the students admitted in Indian Institutes of Technology (IITs) and Indian Institutes of Management (IIMs) are dropping out mid-course in the country;
- b) If so, the details thereof, institute-wise;
- c) The reasons for dropping the course by the students in such manner;

Ans to (a), (b) and (c)

Post Graduate and PhD

MHRD is already aware. The dropout details are as under:

Total Dropout:-

- a) 2010-2011=290
- b) 2011-2012=408
- c) 2012-2013=214
- d) 2013-2014=215
- e) 2014-2015=306

The reason for dropouts is that the students, largely, get jobs.

Undergraduate

As per record, during 2011 and 2015 the number of UG students who dropped out are 07 (Seven). The reasons for dropping out are as given below:

1. Admission in preferred Institutions/ discipline
2. Job offer in Government sector.

- d) Whether the Government has devised or is devising any plan to make the Courses of IITs and IIMs more successful and systematic; and
- e) If so, the details thereof?

This does not pertain to us.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar



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Hauz Khas, New Delhi – 110016

No. IITD/R/2016/LSSQ/AREG-
Date: November 16, 2016

Sh. Kundan Nath
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Reference: Letter No. F.No.32-58/2016-TS.I dated 11th November, 2016

**Subject: Meeting held under the Chairmanship of Secretary (C & PG) on 3.11.2016 –
Details of total expenditure incurred by the Government, per student in IITs –
reg.**

Sir,

**Kindly refer to your above mention letter regarding total expenditure incurred
B**

**y the Government, per student in IITs in this regard the information in r/o IIT Delhi
is enclosed as per format.**

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar



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Hauz Khas, New Delhi – 110016

No. IITD/R/2016/LSSQ/AREG-
Date: November 18, 2016

Sh. Kundan Nath
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject: Lok Sabha Unstarred Question Diary No. 764 to be replied on 21.11.2016 regarding “Foreign Students in IITs”.

Sir,

It has reference to your e-mail dated 15th November 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

Section A.

- a) Whether the Government has decided to allot 10% additional seats to foreign students in Indian Institutes of Technologies (IITs);
b) if so, the details thereof;

Ans: Foreign students who qualify can be admitted as supernumerary over the present seats –maximum 10%.

- c) whether the Government has identified examinations centres for these students in foreign countries;
d) if so, the details of the countries so identified and the other changes made by the Government in this regard to admission in IITs for Scheduled Caste/Scheduled Tribe and Persons with Disability (PWD) category candidates;

Ans:

GATE

IIT Roorkee is the Organizing Institute for GATE-2017. Therefore all the information pertaining to international candidates and admission is available with IIT Roorkee. The same email from MHRD has also been forwarded to IIT Roorkee.

JEE

Kindly refer section ‘B’ below

- e) Whether the Directors of IITs have opposed this move of outsourcing students in IITs;

Ans: No such information is available.

- f) If so, the reasons put forward by them and other steps taken or being taken by the Government for smooth conducting of admission in IITs?

Ans: Not applicable.

Section B

The reply to the above question, **for the purpose of JEE**, have been already communicated to MHRD by IIT Madras (Organizing Institute for JEE (Admn 2017)). The same is reproduced below:

- a. Whether the Government has decided to allot 10% additional seats to foreign students in Indian Institutes of Technologies (IITs);

Ans: Yes

- b. if so, the details there of;

Ans: All the foreign candidates within the cut off rank of admission under the open category in JEE (Advance) 2017 are eligible for additional 10% seats to foreign students..

- c. whether the Government has identified examinations centres for these students in foreign countries;

Ans: Yes

- d. if so, the details of the countries so identified and the other changes made by the Government in this regard to admission in IITs for Scheduled Caste/Scheduled Tribe and Persons with Disability (PWD) category candidates;

Ans: Out of India, Cities for JEE (Advance) 2017 have been identified in following 6 countries. Addis Ababa (**Ethiopia**), Colombo (**Sri Lanka**), Dhaka (**Bangladesh**), Dubai (**UAE**), Kathmandu (**Nepal**) and **Singapore**.

Foreign nationals are outside the ambit of reservation of seats under the OBC-NCL, SC, ST and PwD categories as mandated by Govt. of India.

- e. Whether the Directors of IITs have opposed this move of outsourcing students in IITs;

Ans: This question to be referred to the IIT Council.

- f. If so, the reasons put forward by them and other steps taken or being taken by the Government for smooth conducting of admission in IITs?

Ans: Not applicable.

Thanking you,

Yours faithfully,

(Dr. K.K. Bhattacharjee)
Actg. Registrar

Sh. Kundan Nath
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject: Lok Sabha Unstarred Question Diary No. 759 to be replied on 21.11.2016 regarding Development of Rural India

Sir,

It has reference to your e-mail dated 17th November 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

(a) Whether the higher education institutions in the country are running any programme or course related to the development of rural India;

Ans. Yes. A number of higher education institutions are running programs and courses related to development of Rural India. IIT Delhi, for instance, has a full fledged Centre for Rural Development and Technology (CRDT) running here for the last over three and a half decades. Similarly IIT Bombay has Centre for Technology Alternatives for Rural Areas (CTARA), IISc Bangalore has a Centre for Sustainable Technologies <<http://www.astra.iisc.ernet.in/>> (formerly known as ASTRA) (CST) running there for more than four and a half decades. There are many such Centres and Departments and several other institutions of higher education in the country.

(b) If so, the details thereof;

Ans. Here are some links to these Institutions:

- <http://crdt.iitd.ac.in/> ,
- <http://www.ctara.iitb.ac.in/>
- <http://www.astra.iisc.ernet.in/>

(c) Whether the Government proposes to take any steps for running development programme in order to connect the Government educational and technical institutions with rural areas in the country; and if so, the details thereof;

Ans. Yes.

The Government proposes to take any steps for running development programme in order to connect the Government educational and technical institutions with rural areas in the country.

The Ministry of Human Resource Development (MHRD) has launched Unnat Bharat Abhiyan (UBA) on 11th November, 2014 to enable higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. The Ministry of HRD has advised all the higher educational institutions which are funded by the Central /State Government and all institutions which are under approval by the regulatory bodies to adopt clusters of backward Gram Panchayats / villages in their vicinity and apply their knowledge and expertise to improve the infrastructure in the Gram Panchayats (GPs).

(d) Whether any efforts are being made in this regard; and

Ans. MHRD has designated IIT Delhi as the National Coordinating Institute for Unnat Bharat Abhiyan. A National Steering committee has been constituted with some very eminent scientists, technologist, educationist as well as representatives from six different nodal Ministries of Govt. of India. Thirteen other premier Institutions of science, technology and higher education have been designated as Mentoring Institutions (MIs) to coordinate and promote the activities in different regions of the country. The number is likely to grow several times in the coming years. Around 89 Institutions of science, technology and higher education have adopted clusters of villages in about 98 districts of the country to carry out the development work. Twelve of such institutions are working as Subject Expert Group (SEGs) on various development aspects and preparing resource material and training manual to help all other institutions to take up development work in the villages on different aspects.

(e) If so, the details thereof?

Ans. The details of the programs can be accessed with the following link

- <http://unnat.iitd.ac.in/index.php/en/>

Information related to Parliament Question sent by Planning Unit on 17.11.2016

CRDT Programmes

Centre for Rural Development and Technology in IIT Delhi is a dedicated Center offering programmes at PhD level, working on problems of direct benefit to the rural India. As such it serves a nodal centre for involving faculty in other Departments/Centers in such academic and research programmes, and also offers courses taken by students across the Institute. The goal of all such research and academic activities under CRDT is to reach benefits of scientific and technological advancements to the rural sector by giving technical back-up for the sustainable rural development and create replicable models for the nation.

The Centre for Rural Development and Technology was established in 1979 to function as a nodal centre to enable the benefits of S&T advancements to the rural sector and support such activities. The focus of the centre has been on following major activities:

- Teaching for sensitizing students towards the sustainable rural development through UG and PG level courses;
- Research and development with main focus on multidisciplinary and quality research on field worthy technologies suitable at grassroots level for farm and non-farm sectors. The major thrust areas of R&D are Biomass and Environment, Rural Energy Systems, Food and Natural plant products and Rural Engineering and Sustainable habitat Systems;
- Information collection & dissemination;
- Technology transfer/dissemination through government, non-government organizations, field agencies etc.;
- R&D and Technology Transfer/ dissemination have been successfully achieved in various areas namely biomass, sustainable organic food production, biogas, bio-diesel, rapid composting, including vermicomposting, improved cook stoves, micro-hydel, animal driven prime mover, bio-fertilizers, bio-pesticides, silvipastoral technology, bioremediation, eco-sanitation, safe & sustainable housing through many projects with the involvement of faculty at different departments/centers at IITD, and institutions/organizations at National and International levels.
- Some of mega projects are: MGIRI Wardha project, RUTAG, BDTC, MoRD sponsored and NAIP Bamboo projects and MORD sponsored project on Rural Housing Knowledge Network.

Courses offered by CRDT are as under:

- RDL340 Technology and Community Development
- RDL700 Biomass Production
- RDL701 Rural Industrialization: Policies, Programmes
- RDL705 Rural Resources and Livelihoods
- RDL710 Rural India and Planning For Development
- RDL722 Rural Energy Systems
- RDL724 Technologies for Water and Waste Management
- RDL726 Herbal, Medicinal and Aromatic Products
- RDL730 Technology Alternatives for Rural Development
- RDL740 Technology for Utilization Oof Wastelands and Weeds
- RDL750 Minor Project: Intensive Study on Topics of Specific Interest
- RDP750 Biomass Laboratory
- RDL760 Food Quality and Safety
- RDL801 Successful Grassroots Organizations
- RDL803 Informatics and Rural Development
- RDL807 Women, Technology and Development

The above courses are open to B. Tech., M. Tech. and Ph.D. students. In addition, the Centre offers a Minor Area in Technologies for Sustainable Rural Development (Centre for Rural Development and

Technology), which can be taken by UG students who demonstrate high academic merit and an interest and focus towards taking on focused learning and research in this field.

Unnat Bharat Abhiyan

IIT Delhi has been identified as the National Coordinator of the Unnat Bharat Abhiyan (UBA). UBA is a key initiative of Ministry of Human Resource Development, Govt. of India, to involve professional knowledge institutions in the process of holistic development of the rural sector collaborating with the Government Panchayati Raj Institutions, Voluntary Organizations - with the active participation of the people for better-developed rural India. There are 13 Mentoring Institutions identified in different regions of the country and 12 Subject Expert Group Institutions identified for working on the specific subjects. Presently IIT Delhi and 46 other Institutes in the country have identified rural clusters in 102 districts covering 28 States and Union Territories for direct intervention and are in the process of networking with various Panchayati Raj institutions and voluntary organizations in their selected clusters. UBA activities are progressing with full pace.

Extra-Curricular Activities of Students in Social and Rural Development

IIT Delhi has introduced a series of courses under the Professional Ethics and Social Responsibility (PESR) category. These are core components of the UG curriculum, and implemented for students who have entered in 2013 and beyond. As part of PESR, every student has to choose one of the following options:

- (a) A social internship with an NGO/CSR wing of a company
- (b) A workshop giving them an experience of issues related to PESR (social responsibility)
- (c) A project under the supervision of a faculty, pertaining to a social cause (some of which may be related to Rural Development)

Several students have worked with NGOs working for a social cause during their vacation period. Some students have also been involved in the Unnat Bharat Abhiyan and have helped in conducting surveys in rural areas.

Students also participate actively in the *RuTAG* club (Rural Technology Action Group), and are exposed to problems being faced in rural areas through RuTAG club activities (<http://rutag.iitd.ac.in/rutag/>).

Aside from this, IIT Delhi has had a long tradition of mentoring students for the National Service Scheme (<http://nss.iitd.ac.in/>). This is part of the curriculum and every UG student has to complete the compulsory NSS requirement. As part of NSS activities, students work in various domains involving education sector (which involves teaching as well as extra-curricular activities), health sector, environment sector, women empowerment, Socio - Tech Projects (Social - Innovation Cell). Volunteering activities as well as sensitization and awareness events are organized within IIT Delhi for the students and faculty in these domains. Many of these activities relate directly or indirectly to rural development.



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Hauz Khas, New Delhi – 110016

No. IITD/R/2016/LSSQ/AREG-
Date: November 21, 2016

Sh. Kundan Nath
Under Secretary
Ministry of Human Resources Development
Department of Higher Education, Technical Section-I
Shastri Bhavan
New Delhi – 110001

Subject: Rajya Sabha Unstarred Question Diary No. 1036 to be replied on 24.11.2016 regarding “Promotion of technological innovations in IITs”

Sir,

It has reference to your e-mail dated 20th November 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

(a) How many Indian Institutes of Technology (IITs) in the country have a separate unit for promotion of technological innovations and what has been the state of budgetary allocation to these units over the years;

Ans. Indian Institute of Technology Delhi set up an independent unit (administratively/financially independent of IIT Delhi) viz Foundation for Innovation and Technology Transfer (FITT) in the year 1992. FITT is a self-sustaining organization-void of any budgetary support from IIT Delhi or its administrative ministry, and sustains on activities mandated for it.

(b) Whether there has been any attempt of evaluating the performance of these units/ cells to promote innovation;

Ans. The performance of FITT is evaluated/ appraised by the Governing Council (comprising Director, IIT Delhi as the Chairman of the Council) on a regular basis and the Board of Governors of IIT Delhi only occasionally.

(c) The IITs that have performed better on innovation front;

Ans. MHRD to reply.

(d) Whether IITs keep any track as to how many of the innovations conceived by IIT students have been successfully converted into a business proposition; and

Ans. For IIT Delhi, FITT is one of the entities which keeps track of innovations/ intellectual properties developed at the Institute. By virtue of its role in commercialization of technology/ intellectual property through licensing or the start-up route, FITT is in a position to track such successes. Till date, 476 patents have been filed for IIT Delhi and 107 patents have been granted. FITT has transferred 79 technologies which include 39 IP licenses. At the Institute's incubators, 28 out of 57 start-ups have been based on the innovation/research resultants of IIT Delhi.

The Reuters Top 75: Asia's most Innovative Universities has announced Indian Institute of Technology one of Asia's most innovative universities

(e) The view of the Ministry about the issues responsible for non-conversion of innovative concepts into business propositions?

Ans. Ministry is to take action

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar



भारतीय प्रौद्योगिकी संस्थान दिल्ली
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Hauz Khas, New Delhi – 110016

No. IITD/R/2016/LSSQ/AREG-

Date: November 21, 2016

Sh. Kundan Nath
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi - 110001

Subject: Rajya Sabha Unstarred Question Diary No. 1014 to be replied on 24.11.2016 regarding “ Blocking of admission seat by student ”

Sir,

It has reference to your e-mail dated 21st November 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

(a) Whether it is a fact that Government is considering to do away with the refund of one lakh rupees to students;

Ans. There is no such decision taken by JIC/JAB as of this date.

(b) Whether it is also a fact that the amount used for blocking admission seat was not being taken seriously by students as almost 95 percent of it is refunded; and

Ans. Majority of the students take the seat blocking fee seriously.

(c) Whether it is also a fact that Government is considering to allow students to register again and mark fresh option, if so, the details thereof?

Ans. No.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar



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हौज खास, नई दिल्ली – 110016
Hauz Khas, New Delhi – 110016

No. IITD/R/2016/LSSQ/AREG-
Date: November 23, 2016

Sh. Kundan Nath
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi – 110001

Subject: Lok Sabha Unstarred Question No.1947 to be replied on 28.11.2016 regarding “Campuses of IIT Delhi”.

Sir,

It has reference to your e-mail dated 22nd November 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

- (a) The status of work on the extension campuses of Indian Institute of Technology (IIT) Delhi in District Jhajjar and Sonapat, Haryana; and
- (b) The time by which the work would be completed and these centres be started in full capacity?

Ans. **The reply of (a) and (b);**

1. Sonepat Extension Campus

-50 acres of land allotted to IIT Delhi in the shape of two plots of sizes 10 acres and 40 acres each.

-Innovation centre for Education (Convention centre cum Incubation) is under construction at 10 acre plot. The work shall complete by March 2017. The date of start of project was 26-03-2015.

-Construction in 40 acres plot is likely to start in May 2017 as under:

Name of the building	Expected Date of start	Date of Completion
a) Technology Park	May 2017	June 2020
b) High Performance Computing centre	Nov 2017	Dec 2020
c) Research Pilot Area	As per needs of the research groups.	

-Boundary wall has been raised along the 40 acres plot .

Jhajjar Extension Campus

-50 acres of land was to be allotted by Haryana Govt. to IIT Delhi. However, the Physical possession of the land is not yet handed over to IIT Delhi due to Documentation Problems.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar



भारतीय प्रौद्योगिकी संस्थान दिल्ली
INDIAN INSTITUTE OF TECHNOLOGY DELHI

हौज खास, नई दिल्ली – 110016
Hauz Khas, New Delhi – 110016

No. IITD/R/2016/LSSQ/AREG-
Date: November 25, 2016

Sh. Kundan Nath
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi – 110001

**Subject: Lok Sabha Unstarred Question No.1988 to be replied on 28.11.2016 regarding
“Opportunities of Research”.**

Sir,

It has reference to your e-mail dated 25th November 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

- a. Whether the Government has taken any steps to increase the opportunities of research in the fields of science, technology and humanities in the country
- b. if so, the details thereof during the last three years and the current year; and
- c. The special steps taken by the Government to ensure the vital roles of universities and educational institutions in the country to improve the international ranking of research institutes?

Ans: IIT Delhi is taking number of steps to promote research. These include:

- Seed grant for interdisciplinary research
- Travel grant for attending conference by research students
- More space for setting of research facilities
- Funds for Central research facilities for testing, characterization and fabrication facilities

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar



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Hauz Khas, New Delhi – 110016

No. IITD/R/2016/LSSQ/AREG-
Date: November 28, 2016

Sh. Mihir Sen
Section Officer (NCD-II)
Ministry of Health & Family Welfare
Department of Health & Family Welfare
Nirman Bhawan
New Delhi – 110001

Subject: Lok Sabha provisionally admitted Question Dy. No.14309 for December 2, 2016 regarding 'Diabetes Testing Technique'.

Sir,

It has reference to the MHFW letter No. H. 11016/75/2016-NCD-II/NPCDCS dated November 23, 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

1. Whether a special kind of technique has been developed by the specialist of AIIMS Delhi and IIT Delhi of testing diabetes as a result of fast spread thereof and whether the results of the research have been quite encouraging:

Ans. Yes, the team of IIT Delhi and AIIMS has developed a proof of concept study to estimate fasting blood glucose (FBG) level which is the prime characteristic feature of type II diabetes. The results have truly excited us as they indicate the potential of our approach to design integrated miniaturized devices for one-time point of care use.

2. If so, the details thereof;

Ans. Handheld electrochemical glucometers are the most popular way to check blood glucose levels at home as they are convenient, however, their major drawback is the invasive way in which the blood is drawn from a patient via a finger prick. At times, the requirement for the number of sample withdrawals can increase up to 6 to 8 times a day making the whole process substantially cumbersome and frightful for the user. Thus, there has been a surge of activity in the last two decades to find alternative strategies that can measure blood glucose levels non-invasively in alternate biofluids such as tears, sweat, saliva etc. Since the last 3 years, the team has been working on saliva as a potential diagnostic platform to provide a painless and rapid route for measuring blood glucose. The results show that the electrochemical properties of saliva such as pH, conductivity, redox potential and ionic concentrations (Na^+ , K^+ , Ca^{2+}) and a person's age can be collectively used to predict the body's fasting blood glucose level with a significantly high accuracy of 84.09 ± 2.8 %.

3. Whether the Government has identified the number of diabetes patients and reviewed the treatment and the amount spent on treatment of patients particularly the poor patients in Government and private hospitals of the country and if so, the details thereof; and

Ans. The Institute has recruited 175 volunteers in the age range of 18 to 69 years for this study. The volunteers were divided into 2 groups – (i) Healthy volunteers (FBGL: 80-120 mg/dl; 41 female; 46 male; age range 18-62 yrs; mean age 35 ± 11 yrs), (ii) Clinically diagnosed type II Diabetes Mellitus patients (FBGL ≥ 120 mg/dl; 47 female; 41 male; age range 21-69 yrs; mean age 47 ± 10 yrs). All procedures performed in studies involving data from human participants were in accordance with the ethical standards of the All India Institute of Medical Sciences, New Delhi, India (Reference no. : IEC/NP-278/01-08-2014, RP-29/2014)

4. The details of measures taken by the Government for the inexpensive treatment of diabetic patients, Government hospitals, if so, the details thereof?

Ans. Not applicable

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar



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Hauz Khas, New Delhi – 110016

No. IITD/R/2016/LSSQ/AREG-
Date: November 28, 2016

Sh. Kundan Nath
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi – 110001

Subject: Rajya Sabha Unstarred Question No.1803 to be replied on 1.12.2016 regarding “Training to teachers of engineering colleges in Uttar Pradesh and Assam”.

Sir,

It has reference to your e-mail dated 25th November 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

- (a) Whether Indian Institute of Technology (IIT) has started quality improvement programme in technical education to impart training to teachers of engineering colleges, if so , the details thereof :
- (b) Whether the teachers of engineering colleges of Uttar Pradesh and Assam have been trained through above or any other programme, if so the details thereof and

Ans (a) & (b): IIT Delhi conducts Quality Improvement Program for Technical Education for AICTE approved Colleges across India. IIT Delhi also conducts Technical Education Quality Improvement Program-II for 190 TEQIP-II Institutions. QIP is funded by AICTE. TEQIP-II is coordinated by the NPIU (MHRD).

In QIP, IIT Delhi conducted the following :

PhD/M.Tech				
	2012-13	2013-14	2014-15	2015-2016
Number of teachers admitted Ph.D/ M.Tech Programme under QIP	24	19	14	14
Number of teachers from UP	11	05	06	07
Number of teachers from Assam	-	-	1	-
Short Term Courses				
Number of faculty trained through Short term training programme	318	331	352	157
Number of teachers trained from UP	26	15	14	19
Number of teachers trained from Assam	-	04	02	-

- (c) the extent to which the above training is helpful to improve the quality of teaching and research in engineering colleges?

Quality Improvement Program feedbacks as well as the performance of the candidates suggest that QIP & TEQIP-II are significant programs in enhancing the quality of teaching & research in Engineering Colleges.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar



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हौज खास, नई दिल्ली – 110016
Hauz Khas, New Delhi – 110016

No. IITD/R/2016/LSSQ/AREG-
Date : December 1, 2016

Sh. Kundan Nath
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I, Shastri Bhavan
New Delhi – 110001

Subject: Lok Sabha Unstarred Question No.3058 to be replied on 05.12.2016 regarding “Number of IITs”

Sir,

It has reference to your e-mail dated 29th November 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

(a) The total number of Indian Institutes of Technology (IITs) in the country, as on date;

Ans. 23. However, MHRD to confirm the exact number.

(b) Out of the total number of IITs' posts, teaching as well as non-teaching, which are earmarked for Scheduled Caste/ Scheduled Tribes (SC/ST) category;

Ans. **Teaching** :

As per MHRD letter F.No.16-8/2000-TS.I dated 09.06.2008, reservation for SCs and STs shall be applied to the posts of Assistant Professors and Lecturers filled up as a whole during a year. Posts of Associate Professors and Professors in Science and Technology subjects in IITs shall be exempted from reservation. The total sanctioned faculty strength as approved by the Board of Governors of IIT Delhi is 776.

As on 31.03.2016, the details of sanctioned posts/in position and vacancy are given below:

Total Sanctioned : 776, In Position : 450:

Post	In Position	SC	ST	OBC
Professor	450	--	--	--
Associate Professor		--	--	--
Assistant Professor		07	02	11
Post	In Position	SC	ST	OBC
Assistant Professor	151	07	02	11
To be filled	--	15	09	30

Since there is no fixed number of Assistant Professors in the Institute, the number of vacancies available for persons belonging to SC/ST/OBC/PWD is at a given point of time (here, i.e. as on 31.03.2016), the number of Assistant Professors happens to be 151 in position.

Non-Teaching :

Total non-Teaching sanctioned posts = 854 (SC/ST posts works out as 192)

(c) Whether all the posts earmarked for SC/ST category have been duly filled;

Ans. **Teaching :**

Continuous efforts are being made to recruit SC/ST category candidates through rolling advertisements and Special Recruitment Drive. It is reiterated that reservation is applicable at the entry level post of Assistant Professor (MHRD Letter No.16-8/2000-TS.I dated 09.06.2008.)

Non-Teaching :

Yes, as on date out of posts indicated in 'b' above, the total staff in position is 671 out of which SC/ST are 162

(d) If so, the details, IIT-wise and if not, the reasons for not filling those posts; and

Ans. **Teaching :**

Despite our best efforts to fill up the faculty vacancies for all categories, due to non-availability of suitable candidates, sanctioned vacancies could not be filled up. However, special recruitment drive for reserved candidates is also carried out periodically in addition to the rolling advertisement of the Institute. Reservation as per MHRD guidelines is applicable only in respect of entry level of Assistant Professor and subsequently the posts get de-reserved if suitable candidates are not available. The above referred MHRD letter dated 09.06.2008 do clarify the position.

Non-Teaching :

IIT Delhi has filled such posts as per GOI rules.

Whether post based roster is implemented in all IITs if so, the details thereof?

Ans. **Teaching :**

The records of posts/vacancies/reservations are maintained.

Non-Teaching :

Yes

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar
For Director, IIT Delhi



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No. IITD/R/2016/LSSQ/AREG-

Date : December 1, 2016

Sh. Kundan Nath
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I, Shastri Bhavan
New Delhi – 110001

Subject: Lok Sabha Unstarred Question No.3058 to be replied on 05.12.2016 regarding “Number of IITs”

Sir,

It has reference to your e-mail dated 29th November 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar
For Director, IIT Delhi



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Hauz Khas, New Delhi – 110016

No. IITD/R/2016/LSSQ/AREG-
Date: November 29, 2016

Sh. Kundan Nath
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I
Shastri Bhavan
New Delhi – 110001

Subject: Lok Sabha Unstarred Question No.3050 to be replied on 05.12.2016 regarding Accreditation Status to IITs and IIMs

Sir,

It has reference to your e-mail dated 30th November 2016, on the above cited subject. The requisite information specific to IIT Delhi is given as under :

- a) Whether the Government has any plan to grant accreditation status to Indian Institutes of Technology (IITs) & Indian Institutes of Management (IIMs);
- b) If so, the details thereof; and
- c) The aim and objectives of the Government to make IITs & IIMs to become part of the accreditation system?

Ans. (a), (b) & (c)

This is for the MHRD to reply However, IIT Delhi is participating in various ranking like NIRF (National Institutional Ranking Framework), QS Ranking, Times Ranking etc.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar



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Hauz Khas, New Delhi – 110016

No. IITD/R/2016/LSSQ/AREG-
Date : December 1, 2016

Sh. Kundan Nath
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I, Shastri Bhavan
New Delhi – 110001

**Subject: Lok Sabha Unstarred Question No.3058 to be replied on 05.12.2016 regarding
“Number of IITs”**

Sir,

It has reference to your e-mail dated 30th November 2016, on the above cited subject.
As desired, the information in the format is given as under :

Faculty (Asstt. Prof.) Total No. of Assistant Professors in Position = 162 as on 01.12.2016						Non-Faculty						
Earmarked		In Position		Vacant		Earmarked		In Position		Vacant		Remarks
SC	ST	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST	
24	12	07	02	17	10	128	64	147	15	Already excess	*	* Some of the posts of ST have been filled in SC category.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar



भारतीय प्रौद्योगिकी संस्थान दिल्ली
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हौज खास, नई दिल्ली – 110016
Hauz Khas, New Delhi – 110016

No. IITD/R/2016/LSSQ/AREG-
Date : December 8, 2016

Shri. Kundan Nath
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I, Shastri Bhavan
New Delhi – 110 001

Subject: Lok Sabha Starred Question No.374 to be replied on 12.12.2016 regarding “Education in Rural Areas”

Sir,

It has reference to your e-mail dated 7th December 2016, on the above cited subject. As desired, the information in the format is given as under :

(a) Whether majority of the students in Indian Institute of Technology (IITs) are from cities and urban areas;

Ans. The data pertaining to entry into IITs is essentially maintained in the style and format by JAB/JEE (Organizing Institute). The admission/semester registration information at IIT Delhi do not indicate details like urban/semi urban/rural areas, since the address is indicated by the student himself/herself. They give the House No./Flat/Street/City Address or the place of City, as desired by them only. Hence origin and background of candidates are not differentiated at IITs. It may appear that flow of students is more from the cities/developed districts, giving better education facility.

(b) if so, the details thereof and the reasons therefor; and

Ans. As above. Obviously the cities having better facilities of schooling and preparations for the entrance examination are able to help the students to qualify the examination and provide their admission into IITs.

(c) The details of the steps taken by the Government to improve the accessibility of students from semi-urban and rural areas to the premier institutions like IITs?

Ans. The steps taken may be elaborated by MHRD, as a policy taken at the Govt. level. A new initiative is planned to be launched (IIT PAL) to assist the students in class XI & XII aspiring to join IITs by encouraging scientific and conceptual understanding of Physics, Chemistry, Maths and Biology subjects. This will cover entire India and help students across all categories/socio economic background to get the required help in preparing for the JEE exam or any other career, they may deem fit. IIT Professors and Kendriya Vidyalaya teachers in a process of systemic and quality learning will be offering lectures/video content etc., and material will be available through dedicated DTH Channels (Swayam Prabha). For more details, the minutes of IIT Council/home page may be referred.

Thanking you,

Yours faithfully,

(Dr. Sandeep Chatterjee)
Registrar



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INDIAN INSTITUTE OF TECHNOLOGY DELHI

हौज खास, नई दिल्ली – 110016
Hauz Khas, New Delhi – 110016

No. IITD/R/2016/LSSQ/AREG-
Date : December 13, 2016

Shri. Kundan Nath
Under Secretary
Ministry of Human Resources Development
Department of Higher Education
Technical Section-I, Shastri Bhavan
New Delhi – 110 001

Subject: Lok Sabha Starred Question No.3266 to be replied on 15.12.2016 regarding allowing non-resident students in IITs – reg.

Sir,

It has reference to your e-mail dated 10th December 2016, on the above cited subject. As desired, the information in the format is given as under :

Q.(a): Whether it is a fact that Government is considering to allow non-resident students in IITs at undergraduate level.

Ans.: It is for the MHRD to reply, since matter concerns all IITs as a policy.

At IIT Delhi, UG students, unless residing in close proximity to the campus are always given hostel facilities and that would continue.

Q.(b): Whether it is also a fact that the Directors of Indian Institutes of Technology are opposed to such an idea.

Ans.: No such information available.

Q.(c): Whether it is also a fact that Government is considering to expand student strength of IITs at undergraduate/postgraduate and doctorate level to one lakh by 2020, if so, the details thereof.

Ans.: At IIT Delhi we are presently focusing on only increasing Ph.D. intake till other logistics, especially if hostel rooms are addressed.

Thanking you,

Yours faithfully,

Registrar
For Director, IIT Delhi

