



भारतीय प्रौद्योगिकी संस्थान, खड़गपुर  
खड़गपुर - ७२१ ३०२, भारत

INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR  
KHARAGPUR - 721 302, INDIA

No. MS/LS & RS/2023

Dated : July 27, 2023

To  
Sri Ashwini Kumar  
Assistant Section Officer  
Technical Section - I (IITs)  
Department of Higher Education  
Ministry of Education  
Room No. 428-C Wing, Shastri Bhawan  
New Delhi – 110 011  
([sahilsardana.edu@gov.in](mailto:sahilsardana.edu@gov.in))

Sub : Lok Sabha Unstarred PQ 1965

Dear Sri Kumar,

This has reference to the email dated 26.07.2023 on the above subject. As requested, reply to the questions are given below:

Question-1 : Whether it is cognizant that 64% students from the third gender or LGBTQI community faces abuse and discrimination in educational institutions in the country

**Answer-1 : No.**

Question-2 : If so, the present status of gender sensitisation programme available in educational institutions in the country, State-wise

**Answer-2 : Not applicable**

Question-3 : The details of the number of educational institutions with gender-neutral restrooms, State-wise

**Answer-3 : 118 (at IIT Kharagpur) .**

Kindly acknowledge the receipt of the same.

With regards,

Yours sincerely

  
Registrar



भारतीय प्रौद्योगिकी संस्थान  
खड़गपुर : 721 302, भारत

INDIAN INSTITUTE OF TECHNOLOGY  
KHARAGPUR - 721 302, INDIA

No. HT/3-9/15/2024  
February 01, 2024

To  
Shri. Nilesh Chandra Srivastava,  
Under Secretary (IITs)  
Department of Higher Education  
Ministry of Education  
Government of India  
428-C, Shastri Bhawan  
New Delhi – 110 001

Sub : Reply to Admitted Lok Sabha Question No. 326 (Dy. No. 969) for 05.02.2024 regarding  
"Programmes to Promote Skill Development in Rural and Underserved Areas"

Dear Sir,

Kindly refer to your email dated 30.01.2024 on the above subject.

IIT Kharagpur has established Science and Technology Entrepreneurs' Park (STEP) in 1986  
has been active in developing entrepreneurship and skill among the local people.

The list of activities conducted by the Institute in recent times and the plan prepared for  
2024-25 are attached herewith.

With regards,

Yours sincerely,

  
Registrar

**Workshop/ Outreach Camp 2017-18**

- (1) **Inauguration of Solar Powered Cycle Refueling Station (A Collaborative Effort between IIT Kharagpur, Ampere Vehicles, Coimbatore and Renewable Energy College, Kolkata), IIT Kharagpur on 26th May, 2017:** The programme was inaugurated by Dr. S. P. Gon Chaudhuri of Renewable Energy College, Kolkata and Prof. Partha Pratim Chakrabarti, Director, IIT Kharagpur. The meeting was attended by a number of entrepreneurs of STEP, IIT Kharagpur.
- (2) **Product Showcasing by Entrepreneurs' of STEP, IIT Kharagpur on 26th May, 2017:** The programme was inaugurated by Prof. Partha Pratim Chakrabarti, Director, IIT Kharagpur. The meeting was attended by a number of entrepreneurs of STEP, IIT Kharagpur along with other dignitaries.
- (3) **Discussion between Entrepreneurs' of STEP IIT Kharagpur and Times of India, IIT Kharagpur on 26th May, 2017:** The programme was inaugurated by Prof. Partha Pratim Chakrabarti, Director, IIT Kharagpur. During the meeting Times of India discussed their initiative Brandshoots, an accelerator platform for startups from Eastern India. The discussion was attended by many entrepreneurs' of IIT Kharagpur.
- (4) Skill development/ entrepreneurship workshop on oyster mushroom cultivation & tissue culture based plant propagation technology on 28<sup>th</sup> November, 2017
- (5) Skill development/ entrepreneurship workshop on oyster mushroom cultivation & tissue culture based plant propagation technology on 2<sup>nd</sup> December, 2017
- (6) Skill development/ entrepreneurship workshop on oyster mushroom cultivation & tissue culture based plant propagation technology on 21<sup>st</sup> December, 2017
- (7) Skill development/ entrepreneurship workshop on oyster mushroom cultivation & tissue culture based plant propagation technology on 7<sup>th</sup> January, 2018
- (8) Skill development/ entrepreneurship workshop on oyster mushroom cultivation & tissue culture based plant propagation technology on 24<sup>th</sup> January, 2018
- (9) Skill development/ entrepreneurship workshop on oyster mushroom cultivation & tissue culture based plant propagation technology on 7<sup>th</sup> February, 2018
- (10) Skill development/ entrepreneurship workshop on oyster mushroom cultivation & tissue culture based plant propagation technology on 21<sup>st</sup> February, 2018

**Workshop/ Outreach Camp: 2018-19**

Sl. No.	Name of Workshop	Venue	Date
1	PRISM Outreach	SN Bose Auditorium, IIT Kharagpur: Motivating Lectures by Director, Dy Director and Deans IIT Kharagpur and MD, STEP, IIT Kharagpur	16.05.2018
2	ENTREPRENEURSHIP-THE ZEAL Part I	STEP, IIT Kharagpur (in collaboration with Institution of Engineers)	19.05.2018
3	ENTREPRENEURSHIP-THE ZEAL Part II	STEP, IIT Kharagpur	20.05.2018
4	PRISM Outreach	Bengal Institute of Technology and Management (BITM), Shantiniketan	02.06.2018
5	PRISM Outreach	Techno India, Salt Lake	03.08.2018
6	Entrepreneurship workshop on technical textiles	STEP, IIT Kharagpur	22.09.2018
7	Entrepreneurship workshop on technical textiles	STEP, IIT Kharagpur	06.10.2018
8	Entrepreneurship workshop on technical textiles	STEP, IIT Kharagpur	10.11.2018
9	Technical textiles- rural innovation	STEP, IIT Kharagpur	08.12.2018
10	Skill development/ entrepreneurship workshop on oyster mushroom cultivation & tissue culture based plant propagation technology	STEP, IIT Kharagpur	05.01.2019
11	Skill development/ entrepreneurship workshop on oyster mushroom cultivation & tissue culture based plant propagation technology	STEP, IIT Kharagpur	16.02.2019
12	PRISM and FIC Serial Weekly Workshops	STEP, IIT Kharagpur	06.03.2019
13	PRISM and FIC Serial Weekly Workshops	STEP, IIT Kharagpur	13.03.2019
14	PRISM and FIC Serial Weekly Workshops	STEP, IIT Kharagpur	27.03.2019

**Workshop/ Outreach Camp: 2019-20**

Sl. No.	Name of Workshop	Venue	Date
1	TOCIC sponsored international workshop on  Theme: Wealth Creation in Asia using Biotechnology Innovation	STEP, IIT Kharagpur	29.04.2019 30.04.2019
2	<b>Workshop on Innovation &amp; Entrepreneurship</b> DSIR-Tepp Outreach cum Cluster Innovation Centre (DSIR-TOCIC) IIT-Kharagpur, CSIR-CGCRI and CSIR-CMERI	WBUAFS, Kolkata	13.08.2019
3	<b>Workshop on Innovation &amp; Entrepreneurship</b> DSIR-Tepp Outreach cum Cluster Innovation Centre (DSIR-TOCIC) IIT-Kharagpur, CSIR-CGCRI and CSIR-CMERI	IISER, Kalyani	14.08.2019
4	<b>Workshop on Innovation &amp; Entrepreneurship</b> DSIR-Tepp Outreach cum Cluster Innovation Centre (DSIR-TOCIC) IIT-Kharagpur, CSIR-CGCRI and CSIR-CMERI	NIBGM, Kalyani	14.08.2019
5	Workshop on BLENDED SILK SAREE MAKING (HANDLOOM)	IIT Kharagpur	September 06-12, 2019
6	Workshop on BLENDED SILK SAREE MAKING (HANDLOOM)	IIT Kharagpur	November 03-05, 2019
7	Serial outreach workshop (under FIC, MoT & PRISM, DSIR) Graphene Application in Technical Textile (special drive on hand-loom) and startup opportunities  <b>THEME- Graphene application in Technical Textiles (special drive on hand-loom) and startup opportunities-</b>  <i>The tentative list is stated below-</i>  <ul style="list-style-type: none"> <li>October 02-04, 2019 for students and researchers in IIT Kharagpur</li> </ul>	IIT Kharagpur	October 02-December 15, 2019

	<ul style="list-style-type: none"> <li>• October 10-12 for interested students from Universities and technical Institutions in Midnapore district</li> <li>• October 19-20 for UG students of textile colleges</li> <li>• November 02-03 for spouses of IIT Faculty &amp; STAFF, AND COMMUNITY</li> <li>• November 16-17 for students of all Universities in West Bengal</li> <li>• November 23-24 for SHG ladies in Gopali Gram Panchayat villages</li> <li>• December 14-15 for SHG ladies and unemployed youth in Gopali Gram Panchayat villages</li> </ul>		
--	--	--	--

**SKILL DEVELOPMENT HANDS ON PROGRAMME FOR RURAL YOUTHS AND SHG during the period from April 2024 to March 2025**

<b>Sl. No.</b>	<b>Name of programme</b>	<b>Tentative date</b>
1	Skill development through hands on programme on handling of contemporary engineering tools and software in association with different department of IIT Kharagpur.	1 <sup>st</sup> week of April, 2024
2	Skill development /entrepreneurship workshop on Organic Mushroom cultivation	1 <sup>st</sup> week of May, 2024
3	Skill development hands on programme on various high end Bamboo products	1 <sup>st</sup> week of June, 2024
4	Skill development through hands on programme on handling of contemporary engineering tools and software in association with different department of IIT Kharagpur.	1 <sup>st</sup> week of July, 2024
5	Skill development /entrepreneurship workshop on Organic Mushroom cultivation	1 <sup>st</sup> week of August, 2024
6	Skill development hands on programme on various high end Bamboo products	1 <sup>st</sup> week of September, 2024
7	Training of preliminary health care for local villagers	1 <sup>st</sup> week of October, 2024
8	Conservation of Fruits and vegetables products and their marketing	1 <sup>st</sup> week of November, 2024
9	First Aid and Firefighting training for the rural villagers	1 <sup>st</sup> week of December, 2024
10	Skill development through hands on programme on handling of contemporary engineering tools and software in association with different department of IIT Kharagpur.	1 <sup>st</sup> week of January, 2025
11	Skill development /entrepreneurship workshop on Organic Mushroom cultivation	1 <sup>st</sup> week of February, 2025
12	Skill development hands on programme on various high end Bamboo products	1 <sup>st</sup> week of March, 2025

Lok Sabha Starred Question No. 444 for reply on 03-04-2023 reg. Status of Girls Education in India		
S.No.	Institute	percentage of girls enrolled in higher education sector who find placements and jobs in the country (year 2022)
1	IIT Bombay	69.97
2	IIT-Delhi	92
3	IIT-Kanpur	87.25
4	IIT-Kharagpur	64.52
5	IIT-Madras	
6	IIT-Roorkee	84
7	IIT-BHU	85.14
8	IIT Guwahati	72.25
9	IIT-Ropar	59
10	IIT-Patna	94.11
11	IIT-Hyderabad	75
12	IIT-Jodhpur	62.9
13	IIT-Gandhinagar	74
14	IIT-Bhubaneswar	
15	IIT-Indore	71.19
16	IIT-Mandi	86.88
17	IIT ISM	
18	IIT-Jammu	88
19	IIT-Bhilai	90
20	IIT-Goa	80
21	IIT-Palakkad	95
22	IIT Tirupati	
23	IIT Dharwad	



भारतीय प्रौद्योगिकी संस्थान खड़गपुर  
खड़गपुर : 721 302, भारत

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR  
KHARAGPUR - 721 302, INDIA

No. HT/3-9/15/2023  
December 07, 2023

To  
Institutions of Eminence (IOE) Secretariat  
University Grants Commission  
Bahadur Shah Zafar Marg  
New Delhi 110 001

**Sub : Reply to Information regarding Lok Sabha Parliament Question on Quantifiable data of the research Output for the last 5 years**

Dear Sir,

Kindly refer to your email dated 05.12.2023 on the above subject. As desired, the relevant information is given below:-

(a)	Quantifiable data of the research Output for the last 5 years and kindly indicate any increases in tune with the IoE Scheme.
Reply	Final data as per information available till now : <ul style="list-style-type: none"><li>- Student strength has increased from 10013 to 16595 (UG: 5496 to 9049, PG:3556 to 3719, PhD: 2719 to 3827)</li><li>- Faculty strength has increased from 622 to 789</li><li>- QS World University Rank (WUR) has improved from 314 to 271 in 2024</li><li>- QS Asia Rank 61 to 59</li><li>- QS Sustainability Rank 550+ to 349</li><li>- International students from &lt;10 to 65+</li><li>- Students in Dual Doctoral Degree Programmes with 6 foreign universities increased from 0 to 82</li><li>- MoU with 73 foreign universities</li><li>- 11 student exchange MoUs</li><li>- Increase in female student count to more than 20%</li><li>- Technology transfers from nearly Nil to 32</li><li>- Institute H-Index 246 to 256</li><li>- Papers per year from 2890 to 3615</li></ul>

With regards,

Yours sincerely,

Capt Amit Jain (Retd)  
Registrar

Copy to:  
Under Secretary (IITs)  
Department of Higher Education , MoE, Govt. of India



भारतीय प्रौद्योगिकी संस्थान  
खड़गपुर : 721 302, भारत

INDIAN INSTITUTE OF TECHNOLOGY  
KHARAGPUR - 721 302, INDIA

No. HT/3-9/15/2023  
December 13, 2023

To  
Shri. Nilesh Chandra Srivastava,  
Under Secretary (IITs)  
Department of Higher Education  
Ministry of Education  
Government of India  
428-C, Shastri Bhawan  
New Delhi – 110 001

Sub : Reply to Parliament Question Diary No. 6487 Funds for Research projects of IITs & IISc for 18.12.2023

Dear Sir,

Kindly refer to your email dated 08.12.2023 on the above subject. As requested, the point wise reply to the questions is given below:

(a)	whether the Government is aware that the Indian science especially in research field has passing through a quagmire situation as no funds has released for the Research Projects from the elite institutes of the countries like IITs & IISCs;																																
(b)	if so, the details thereof;																																
Reply	<table border="1"><thead><tr><th rowspan="2">Financial Year</th><th colspan="2">Status of Research Projects at IIT Kharagpur</th></tr><tr><th>No. of Projects Sanctioned</th><th>Sanctioned Funds for the given no of projects (Rs. Cr.)</th></tr></thead><tbody><tr><td>2018 – 19</td><td>383</td><td>582.31</td></tr><tr><td>2019 – 20</td><td>312</td><td>238.99</td></tr><tr><td>2020 – 21</td><td>216</td><td>104.43</td></tr><tr><td>2021 – 22</td><td>217</td><td>296.42</td></tr><tr><td>2022 – 23</td><td>232</td><td>106.13</td></tr></tbody></table> <table border="1"><thead><tr><th>Financial Year</th><th>Funds Received by IIT Kharagpur for Research Projects (Rs. Cr.)</th></tr></thead><tbody><tr><td>2018 – 19</td><td>100.92</td></tr><tr><td>2019 – 20</td><td>322.30</td></tr><tr><td>2020 – 21</td><td>100.40</td></tr><tr><td>2021 – 22</td><td>158.81</td></tr><tr><td>2022 – 23</td><td>193.82</td></tr></tbody></table>	Financial Year	Status of Research Projects at IIT Kharagpur		No. of Projects Sanctioned	Sanctioned Funds for the given no of projects (Rs. Cr.)	2018 – 19	383	582.31	2019 – 20	312	238.99	2020 – 21	216	104.43	2021 – 22	217	296.42	2022 – 23	232	106.13	Financial Year	Funds Received by IIT Kharagpur for Research Projects (Rs. Cr.)	2018 – 19	100.92	2019 – 20	322.30	2020 – 21	100.40	2021 – 22	158.81	2022 – 23	193.82
Financial Year	Status of Research Projects at IIT Kharagpur																																
	No. of Projects Sanctioned	Sanctioned Funds for the given no of projects (Rs. Cr.)																															
2018 – 19	383	582.31																															
2019 – 20	312	238.99																															
2020 – 21	216	104.43																															
2021 – 22	217	296.42																															
2022 – 23	232	106.13																															
Financial Year	Funds Received by IIT Kharagpur for Research Projects (Rs. Cr.)																																
2018 – 19	100.92																																
2019 – 20	322.30																																
2020 – 21	100.40																																
2021 – 22	158.81																																
2022 – 23	193.82																																
(c)	Whether the Government instructing the respective departments towards initiating steps for release of the hold amount for last more than a year in time frame manner; and																																
Reply	Not applicable as IIT Kharagpur is only the recipient of the funds.																																
(d)	Whether the Government regularly releasing enough of funds for carrying out the research activity without any hindrances in future for the science research Projects ?																																
Reply	IIT Kharagpur receives Government grant for carrying out research and other academic activities under OH-35 on a regular basis. Special grant is also received under the Institute of Eminence Scheme.																																

With regards,

Yours sincerely,

  
Registrar

## Questions

1. A list of total number of women who currently hold permanent academic positions in the Indian Universities and other academic institutions of eminence;

**Ans. 110 (102-permanent, 08 tenure track)**

2. if so, the details thereof as compared to the total number of men holding such positions in Indian Universities and other academic institutions of eminence;

**Ans. 593 (575-permanent, 18-tenure track)**

3. the number of females at academic posts compared to males currently employed in Government colleges in Haryana;

**Ans. NA.**

4. The number of students and faculty members in the Universities/Institutes as on date?

**Ans. 15,629 Student and 703 Faculty**

5. The steps taken by the world-class global educational institutions to set up campuses in the country;

**Ans. We have two extended centers: 1- Bhubaneshwar, 2- Kolkata (Salt Lake).**

6. Whether the Institutions are opening any offshore campuses;

**Ans. Yes**

7. If so, the details thereof along with the present status thereof;

**Ans. We are in process of establishing an offshore campus in Kuala Lumpur, Malaysia.**

8. Whether there are lot of vacancies of teaching as well as non-teaching staff in various Universities/Institutes, if so details of the number of sanctioned post as well as the number of vacant posts of teaching as well as non-teaching staff in Central Universities, State Universities, Institutes of National Importance and Institutes of Eminence?

**Ans.**

Category	Sanctioned	In-position	Vacant
Teaching	1570	703	867
Non-teaching	1430	810	620

9. The Quacquarelli Symonds (QS) ranking of world Universities for the year 2023;

**Ans. World University Ranking Overall – 271<sup>st</sup>. (Q.S. 2024)**

10. The NAAC/NIRF ranking of Indian Universities for the year 2023;

**Ans. Overall – 7<sup>th</sup>.**

**Engineering – 6<sup>th</sup>.**

**Management – 14<sup>th</sup>.**

**Law – 9<sup>th</sup>.**

**Architecture and Regional Planning – 3<sup>rd</sup>.**



भारतीय प्रौद्योगिकी संस्थान  
खड़गपुर : 721 302, भारत

INDIAN INSTITUTE OF TECHNOLOGY  
KHARAGPUR - 721 302, INDIA

No. HT/3-9/15/2024  
February 07, 2024

To  
Shri. Nilesh Chandra Srivastava,  
Under Secretary (IITs)  
Department of Higher Education  
Ministry of Education  
Government of India  
428-C, Shastri Bhawan  
New Delhi – 110 001

Sub : Reply to Admitted Question No. 515 for the Rajya Sabha on "Promoting Indian Cultural Values in Education" dated 07.02.2024

Dear Sir,

Kindly refer to your email dated 02.02.2024 on the above subject. As requested, the point wise reply to the questions is given below:

(a)	<b>Whether any steps have been taken/proposed by the Government to promote Indian cultural values in education;</b>
Reply	IIT Kharagpur has taken concrete steps in integrating and promoting Indian Knowledge Systems.
(b)	<b>If so, the details thereof; and</b>
Reply	The Honorable Minister of Education announced the Centre of Excellence for Indian Knowledge Systems (CoE-IKS) to be set up at IIT Kharagpur for INTERDISCIPLINARY RESEARCH on various branches of the Indian Knowledge Systems. Accordingly, the Centre of Excellence for Indian Knowledge Systems (CoE-IKS) was established in November 2020 to bring forth a comprehensive research, development and outreach base for promotion of various domains of IKS. The domains range from Indian history to advanced archaeological exploration; from Indian language systems to aesthetics systems; from Indian systems of geometry and mathematics to cosmology and positional astronomy; and from Indian constructs of ecological and working ethics, law to Indian systems of welfare economics and planning, which are to name a few only. The CoE-IKS targets a full scientific recovery of various domains of IKS to best advance the contemporary national development of India within the futuristic framework of National Education Policy (NEP 2020), Government of India.
(c)	<b>The details of the views /comments (if any) expressed by the states regarding these steps taken / proposed by the Government ?</b>
Reply	Not available

With regards,

Yours sincerely,

  
Registrar



भारतीय प्रौद्योगिकी संस्थान, खड़गपुर  
खड़गपुर - ७२१ ३०२, भारत

INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR  
KHARAGPUR - 721 302, INDIA

No. HT/3-9/15/2023  
Dated : December 01, 2023

To  
Shri Nilesh Chandra Srivastava  
Under Secretary (IITs)  
Department of Higher Education  
Ministry of Education, Government of India  
428-C, Shastri Bhawan  
New Delhi – 110 001  
Email : [nilesh.chandra@gov.in](mailto:nilesh.chandra@gov.in)

Sub : Reply to the Provisionally Admitted Question for the Rajya Sabha Diary No. – S1086 for answer on 06.12.2023 on "Ministry of Education" (related to GIAN Scheme) - regarding.

Dear Sir,

This has reference to the email dated 23.11.2023 on the above subject. As requested, Point-wise replies to the questions are given below :

- a) The launching date of Global Initiative of Academic Network (GIAN) programme and the facilities being provided to the students through this :

**Institute Reply :** The Global Initiative of Academic Network (GIAN) programme was launched on January 02, 2015.

Under the GIAN program, no direct facilities are being provided to the students. The host Institute and the Course Coordinator take all the decisions regarding the fees, certificates and the local hospitality of the participants. The parent Institute of the students may consider as 1 or 2 Credit course for 1 week or 2 week courses respectively.

- b) Total number of Indian students benefiting or likely to benefit from this programme :

**Institute Reply :** 73778 nos. of Indians students have already benefitted and close to 1 lakh students are likely to benefit from this programme.

- c) The amount being spent by the Government under this programme?

**Institute Reply :** Rs. 106.66 Crores is being spent by the Government under this programme.

Kindly acknowledge the receipt of the letter.

With regards,

Yours sincerely

  
Registrar

Copy to :

1. Prof. Bhim Charan Meikap, Co-coordination, GIAN
2. Secretary to Director
3. Secretary, Deputy Director's Office
4. Secretary, Registrar's Office



भारतीय प्रौद्योगिकी संस्थान, खड़गपुर  
खड़गपुर - ७२१ ३०२, भारत

INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR  
KHARAGPUR - 721 302, INDIA

No. HT/3-9/15/2023  
July 28, 2023

To  
Ms. Kavita Chauhan,  
Under Secretary (IITs)  
Department of Higher Education  
Ministry of Education  
Government of India  
428-C, Shastri Bhawan  
New Delhi - 110 001

Sub : Reply to Rajya Sabha Question Diary No. S454 to be answer on 26.07.2023 regarding " Rising number of migration of Indian students to foreign countries".

Dear Madam,

Kindly refer to your email dated 14.07.2023 on the above subject. As requested, reply to the questions are given below:

Q. 2(a)	The number of students who pursued their higher studies in foreign countries and subsequently have started working outside India in the past five years, details thereof;
Reply	Not available
(b)	Whether the government has any data or studies that analyse the reasons behind the migration of Indian students, particularly those with advanced degrees, details thereof;
Reply	Not applicable
(c)	Whether the government has undertaken any initiatives to strengthen collaborations between Indian educational institutions and foreign universities to reduce the need for them to seek education abroad, details thereof; and
Reply	1. Programs like SPARC and GIAN (Global Initiative of Academic Networks) were launched under which an International academician can visit an Indian Institute and the Indian students get a chance to interact with the International Faculty. 2. VAJRA (Visiting Advanced Joint Research) another unique program was launched under which an International Scientist of Repute can spend longer duration in the county which may harvest collaboration with the Indian Higher Education Institutes. 3. Government of India has suggested to put on emphasis in collaboration with Foreign Higher Education Institutes for Student Exchange Programs and Joint Doctoral Programs in order to reduce the need for Indian students to seek education abroad.
(d)	If not, the reason therefore?
Reply	Not relevant as the initiatives and directives suggested by the Government of India are mentioned above.

With regards,

Yours sincerely,

  
Registrar



भारतीय प्रौद्योगिकी संस्थान, खड़गपुर  
खड़गपुर - ७२१ ३०२, भारत

INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR  
KHARAGPUR - 721 302, INDIA

No. HT/3-9/15/2023  
Dated : November 30, 2023

To

Shri Nilesh Chandra Srivastava  
Under Secretary (IITs)  
Department of Higher Education  
Ministry of Education, Government of India  
428-C, Shastri Bhawan  
New Delhi – 110 001  
Email : [nilesh.chandra@gov.in](mailto:nilesh.chandra@gov.in)

Sub : Reply to the Provisionally Admitted Question for Rajya Sabha Starred / Unstarred Diary No. S666 for answer on 06.12.2023 on "Hostel facilities to the students of IIT's".

Dear Sir,

This has reference to the email dated 23.11.2023 on the above subject. As requested, Point-wise reply to the questions are given below :

a) Whether it is a fact that the students of IIT could not getting hostel rooms in various parts of the country?

**Institute Reply :** All Undergraduate and Postgraduate students have been provided hostel accommodation inside the IIT Kharagpur campus. Hostel accommodation for research scholars have been provided up to Autumn Semester 2022-2023 batch. For the last one year, the research scholars were instructed in the offer letter to "stay outside" for a period of one (01) year / till the availability of the room in Hostels. However, the research scholars admitted in the last one year have been provided transit accommodation (on sharing basis) in the hostels.

b) If so, details thereof indicating the demand received by the IIT's for increasing more rooms and facilities for the students?

**Institute Reply :** The Board of Governors in its 193<sup>rd</sup> meeting dated March 26, 2019 had approved construction of total 04 nos. of Halls of Residence (02 nos. of Halls for Boys & 02 nos. of Halls for Ladies) with capacity of 500 boarders in each Hall with single occupancy configuration and common facilities.

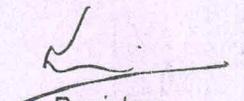
c) The details of steps taken or proposed to be taken by the Government for the increasing more hostel facilities for the IIT Students with latest amenities?

**Institute Reply :** About 800 rooms have been added by capacity augmentation of existing hostels in the recent past (from the Year 2020 to 2022). In Phase-I of new hostel construction, about 1500 rooms of single occupancy with latest amenities are being completed before end of the Financial Year 2023-24. Out of these, 500 rooms are already occupied and 1000 rooms are likely to be occupied within next 4 months. In Phase-II, 2286 further new rooms to accommodate 4164 students with latest amenities, is being taken up, which is likely to be completed over the next 30 months.

Kindly acknowledge the receipt of the same.

With regards,

Yours sincerely

  
Registrar

Copy to :

1. Dean, Students' Affairs
2. Chairman, HMC
3. Secretary to Director
4. Secretary, Deputy Director's Office
5. Secretary, Registrar's Office



भारतीय प्रौद्योगिकी संस्थान  
खड़गपुर : 721 302, भारत

INDIAN INSTITUTE OF TECHNOLOGY  
KHARAGPUR - 721 302, INDIA

No. HT/3-9/15/2023  
December 07, 2023

To  
Shri. Nilesh Chandra Srivastava,  
Under Secretary (IITs)  
Department of Higher Education  
Ministry of Education  
Government of India  
428-C, Shastri Bhawan  
New Delhi – 110 001

Sub : Reply to Rajya Sabha Question Diary No. S1033 to be answer on 13.12.2023 regarding "Extension of campuses IITs in the country".

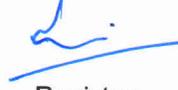
Dear Sir,

Kindly refer to your email dated 01.12.2023 on the above subject. As requested, the point wise reply to the questions is given below:

(a)	<b>Whether Government have undertaken for extension of campuses of IITs in the country for the benefit of students, details thereof IIT-wise; and</b>															
Reply	IIT Kharagpur have Four extension centres : <table border="1"><thead><tr><th>S.No</th><th>Name of Centers</th><th>Date of Establishment / MoU signed</th></tr></thead><tbody><tr><td>1.</td><td>Kolkata (Salt Lake)</td><td>30.08.1983</td></tr><tr><td>2.</td><td>Bhubaneswar</td><td>15.05.1997</td></tr><tr><td>3.</td><td>Kolkata (New Town)</td><td>12.08.2008</td></tr><tr><td>4.</td><td>IIT Alumni Centre, Bangalore</td><td>19.09.2023</td></tr></tbody></table>	S.No	Name of Centers	Date of Establishment / MoU signed	1.	Kolkata (Salt Lake)	30.08.1983	2.	Bhubaneswar	15.05.1997	3.	Kolkata (New Town)	12.08.2008	4.	IIT Alumni Centre, Bangalore	19.09.2023
S.No	Name of Centers	Date of Establishment / MoU signed														
1.	Kolkata (Salt Lake)	30.08.1983														
2.	Bhubaneswar	15.05.1997														
3.	Kolkata (New Town)	12.08.2008														
4.	IIT Alumni Centre, Bangalore	19.09.2023														
(b)	<b>What is the status of extension of campuses on IITs and whether there is any timeline for completion of work, IIT-wise, details thereof;</b>															
Reply	IIT Kharagpur is planning to establish an offshore campus in Kuala Lumpur, Malaysia. No timeline has been fixed as of now.															

With regards,

Yours sincerely,

  
Registrar



भारतीय प्रौद्योगिकी संस्थान, खड़गपुर  
खड़गपुर - ७२१ ३०२, भारत

INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR  
KHARAGPUR - 721 302, INDIA

No. HT/3-9/15/2023  
Dated : December 01, 2023

To

Shri Nilesh Chandra Srivastava  
Under Secretary (IITs)  
Department of Higher Education  
Ministry of Education, Government of India  
428-C, Shastri Bhawan  
New Delhi – 110 001  
Email : [nilesh.chandra@gov.in](mailto:nilesh.chandra@gov.in)

Sub : Reply to the Provisionally Admitted Question for the Rajya Sabha Diary No. - U1110 for answer on 06.12.2023 on negative perceptions regarding mathematics.

Dear Sir,

This has reference to the email dated 23.11.2023 on the above subject. As requested, Point-wise reply to the questions are given below :

- a) Whether the Government has taken note of the fact that the negative perceptions regarding mathematics are often carried into adulthood with students developing fear and prejudice towards science, technology, engineering and mathematics (STEM) disciplines?

**Institute Reply :** This is a general perception about Mathematics among people. This is partly due to lack of sufficient suitable teachers at the school level.

- b) If so, the details of the corrective steps that are proposed to be taken by the Government keeping in mind that STEM education can prepare students for careers in fields such as computer science, engineering, biotechnology and other emerging technologies?

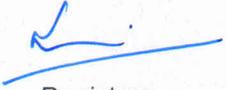
**Institute Reply :** The following measures may be taken to remove the negative perception about the Mathematics as a subject :

1. More and more science camps like INSPIRE camps may be organized for Mathematics exclusively.
2. Faculty members of the Department of Mathematics of premier Institutions may visit schools in the vicinity and deliver lectures on Mathematics and its applications in real life.
3. Department of Mathematics of different Institutions / Universities may organize popular lectures (online/offline) to get rid of the fear of Mathematics.
4. Faculty members of Engineering Departments may deliver lectures on precise applications of mathematics in various engineering problems.
5. Open day may be initiated where students can visit Mathematics department and interact with senior students, faculty members.

Kindly acknowledge the receipt of the same.

With regards,

Yours sincerely

  
Registrar

Copy to :

Telephone : Office-03222 282022 / 255622 Fax : 03222-282020 / 255303

E-mail : [registrar@hijli.iitkgp.ernet.in](mailto:registrar@hijli.iitkgp.ernet.in)

Copy to :

1. Dean, Faculty of Sciences
2. Head, Department of Mathematics
3. Secretary to Director
4. Secretary, Deputy Director's Office
5. Secretary, Registrar's Office



भारतीय प्रौद्योगिकी संस्थान खड़गपुर

खड़गपुर : 721 302, भारत

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR  
KHARAGPUR - 721 302, INDIA

No. MS/LS & RS/2023

Dated : July 25, 2023

To  
Sri Sahil Sardana  
Assistant Section Officer (TS.1 Section)  
Department of Higher Education  
Ministry of Education  
Room No. 428-C Wing, Shastri Bhawan  
New Delhi – 110 011  
(sahilsardana.edu@gov.in)

Sub : Rajya Sabha Question Diary No. U1393 on "Research and Development in Higher Education"  
for 26.07.2023

Dear Sri Sardana,

This has reference to the email dated 17.07.2023 on the above subject. As requested, reply to the questions are given below:

**Question-1 : What are the steps being undertaken by the Ministry towards the strategic focus and vision of our institutions regarding research and development activities?**

**Answer-1 :** The Ministry of Education (MoE) introduced some appropriate schemes and programmes towards the strategic focus and vision of our institutions regarding research and development activities. The details of those schemes and involvement of IIT Kharagpur in those are provided in response to Question-2.

- MoE in a big way has taken the initiative to involve **information and communication technology (ICT)** for knowledge sharing and creating an ecosystem for research and development. MoE has taken up National Mission in Education through ICT. Initiatives such as SWAYAM NPTEL courses, National Digital Library (nationally coordinated by IIT Kharagpur), Shodhganga (for access to research thesis of scholars of Indian Institutions), e-ShodhSindhu, VIDWAN (expert Database and National Research network), IRINS (Indian Research Information Network System) etc. have significantly boosted the technological learning process and R&D ecosystem in the country.
- MoE has a separate **innovation cell (MIC)** to promote innovation in the country.
- Following the directives of the MoE, IIT Kharagpur, being an Institute of Eminence, has taken certain initiatives. For example, IIT Kharagpur has launched a set of **Megaprojects**, which are unique in terms of their outreach towards ambitious science and technology missions of national importance. Included in this research portfolio are four projects sponsored by the Ministry of Human Resources Development (MHRD), Government of India: Future of Cities focuses on technology for the development and maintenance of our cities and future cities. Signals and Systems for Life Sciences focuses on technology for leveraging biometric signal processing for analysis, prognostics, diagnostics and affordable healthcare. The Sustainable Food Security project seeks to leverage technology for food production, processing and distribution logistics. **SandHI (Science and Heritage Interface)**, a science-culture initiative uses technology for preservation, archival, development and scientific exploration of our heritage. Each of these initiatives brings together researchers from various departments, centres and schools, showcasing the KGP standards of excellence in cross-disciplinary research and collaboration.
- **The Sophisticated Analytical Technical Help Institute (SATHI) Center** is being developed at IIT Kharagpur. SATHI, an initiative of the Department of Science and Technology, is a unique National Facility for promoting cutting Edge Research aimed at catering to the needs of Industry, Startup, MSME, R&D laboratories and Academia.
- To encourage focused research on the areas of national importance, IIT Kharagpur has also set up various dedicated Research Centers of excellence in a variety of areas such as affordable healthcare, artificial intelligence for societal needs, safety, robotics, railway research, space research, defence research, Indian knowledge system, precision agriculture and food nutrition, petroleum engg., telecommunication, infrastructure design, and quality and reliability.



भारतीय प्रौद्योगिकी संस्थान खड़गपुर  
खड़गपुर : 721 302, भारत

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR  
KHARAGPUR - 721 302, INDIA

-2-

**Questin-2 : Are there specific mechanisms in place to foster collaboration between our institution and external stakeholders, such as industry partners, government agencies, or non-profit organizations?**

**Answer-2 :** Ministry of Education (MoE), under the Government of India (Gol), has instituted several research and innovation schemes to foster collaboration between our institution and external stakeholders, such as industry partners, government agencies, or non-profit organizations. IIT Kharagpur is actively involved in investigating the projects of some of those schemes and even is the National Coordinating Institution for two of the schemes, SPARC and GIAN. Brief details of the schemes and involvement of IIT Kharagpur in those as listed below.

- **IMPRINT (Impacting Research in Technology)** - Projects on socially relevant science and engineering challenges. Funding model: 50% MoE + 50% Other ministries. IIT Kharagpur has been the coordinating institute of the "Health care" domain for IMPRINT. 29 IMPRINT projects have been investigated at IIT KGP worth INR 28.34 crores.
- **UAY (Ucchatar Avishkar Yojana)** - To promote innovation of a higher order that directly impacts the needs of the Industry/industries and thereby improves the competitive edge of the Indian manufacturing, and design Industry. Funding model: 50% MoE + 25% Industry +25% other ministries. 6 UAY projects have been investigated at IIT Kharagpur worth INR 30.18 crores.
- **GIAN (Global Initiative of Academic Network)** - Short courses (1-2 weeks) are taken up by international faculty in Indian Institutes in collaboration with an Indian faculty. IIT Kharagpur is the National Coordinating Institution for the GIAN programme. The total sanctioned amount of INR 13 crores for the GIAN programme is distributed through IIT Kharagpur.
- **SPARC (Scheme for Promotion of Academic and Research Collaboration)** - A research collaboration between top Indian Institutes (ranked within NIRF ranking of 100) with best foreign institutes in the top-500 QS World University Ranking or in the top-200 subject-wise QS World University Ranking. IIT Kharagpur is the National Coordinating Institution for the SPARC programme. In Phase-I of SPARC, 392 projects were sanctioned for a total amount worth around INR 251 crores (involving principal investigators from 78 Indian Institutes working in collaboration with 210 foreign institutes from 28 countries). In Phase-II of SPARC, 166 projects are sanctioned for a total amount worth INR 158 crores. Faculty members from IIT Kharagpur investigated 36 projects in SPARC Phase-I, worth INR 20.8 crores. IIT Kharagpur faculty members are presently investigating 21 SPARC Phase-II projects worth INR 11.4 crores. Under the SPARC scheme, there is a separate module for UK-India Education and Research Initiative (UKIERI), under which 2 projects are investigated at IIT Kharagpur.
- **STARS (Scheme for Transformational and Advanced Research in Sciences)** - Socially relevant research on 6 basic scientific thrust areas: Physics, Chemistry, Biological Sciences, Nanosciences, Data Sciences & Mathematics and Earth Sciences. 13 STARS projects are investigated at IIT Kharagpur of total funding worth INT 6.6 crores.
- **NIDI (National Initiative for Design Innovation)** - Scheme to set up Design Innovation Centers (DICs), Open Design School (ODS) & National Design Innovation Network (NDIN) for making the Indian industry globally competitive. 1 NIDI project is investigated at IIT Kharagpur for funding worth INR 22 Lakhs.

Several other Government initiatives like **Make-In-India, Unnat Bharat Abhiyan, Rashtriya Avishkar Abhiyan, Digital India, Skill India, Swachh Bharat** etc. are also promoting research and development in the country and IIT Kharagpur is also highly involved in supporting those activities. There are various recent initiatives from the Department of Heavy Industries to promote technological research and innovation. At IIT Kharagpur, a Centre of Excellence for Advanced Manufacturing Technology (CoE-AMT) has been established in collaboration with several Industrial partners.



भारतीय प्रौद्योगिकी संस्थान खड़गपुर  
खड़गपुर : 721 302, भारत

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR  
KHARAGPUR - 721 302, INDIA

**Question-3 : Are there initiatives or programmes in place to promote the dissemination of research findings through publications, conferences and other knowledge-sharing platforms?**

**Answer-3 :**

- In premier institutions like IIT Kharagpur, publications in journals and conference proceedings and filing patents, and supervising PhD students are some of the essential criteria for the appraisal and promotion of faculty members. The publication details are also submitted annually for National Institute Ranking Framework (NIRF) and International Ranking Framework (QS World University Ranking).
- For the research students to obtain their Ph.D. degree it is now mandatory to publish a certain number of journal and conference papers (and/or file patents).
- In the project-related schemes mentioned before, publication and knowledge sharing are considered to be major deliverables.
- As mentioned in the response to question-1, the MoE has taken the initiative to involve **information and communication technology (ICT)** for knowledge sharing and created platforms like the National Digital Library (nationally coordinated by IIT Kharagpur), Shodhganga (for access to research thesis of scholars of Indian Institutions), e-ShodhSindhu, VIDWAN (expert Database and National Research network), IRINS (Indian Research Information Network System) etc.

Kindly acknowledge the receipt of the same.

With regards,

Yours sincerely



Registrar



भारतीय प्रौद्योगिकी संस्थान  
खड़गपुर : 721 302, भारत

INDIAN INSTITUTE OF TECHNOLOGY  
KHARAGPUR - 721 302, INDIA

No. HT/3-9/15/2023  
December 07, 2023

To  
Shri. Nilesh Chandra Srivastava,  
Under Secretary (IITs)  
Department of Higher Education  
Ministry of Education  
Government of India  
428-C, Shastri Bhawan  
New Delhi – 110 001

Sub : Reply to Rajya Sabha Unstarred Question No. 346 for 06.12.2023 regarding "Drug abuse in educational Institutions".

Dear Sir,

Kindly refer to your email dated 01.12.2023 on the above subject. As requested, the point wise reply to the questions is given below:

(a)	<b>Whether Government is aware of the accelerated rate of drug abuse among school and college students ;</b>
Reply	Yes, the Institute is aware of the accelerated rate of drug abuse among the students.
(b)	<b>Whether there is any pragmatic and student-centric action plan to address this serious social issue ;</b>
Reply	Yes, the Institute has pragmatic and student-centric action plan to address this serious social issue.
(c)	<b>If so, the details thereof;</b>
Reply	The Institute have formed special night visit team consisting of faculty members and security personnel for night vigilance in the Halls of Residences at night throughout the semester. Security posting has been increased in different halls of residences, Gymkhana, Food courts, common areas. Dean SA and Associate Dean SA with the security team of the Institute are also visiting the halls of Residences at night and interact with the students to avoid indiscipline and substance abuse.
(d)	<b>Whether Government is planning to undertake a nation-wide awareness programme to curb the problem of drug abuse among students and if so, the details thereof?</b>
Reply	The Institute has already circulated the SOP to every students. The SOP is circulated in the Institute website. The link is as follows: <a href="https://www.iitkgp.ac.in/assets/pdf/Guidelines_%20Complaints_Redressal.pdf">https://www.iitkgp.ac.in/assets/pdf/Guidelines_%20Complaints_Redressal.pdf</a> The office of DOSA, already conducted several awareness meeting with the hostel Wardens and Students leadership. A Gate Keeper's Training Program was also conducted by the Counselling Center of the Institute for the Students Leadership.

With regards,

Yours sincerely,

  
Registrar



भारतीय प्रौद्योगिकी संस्थान  
खड़गपुर : 721 302, भारत

INDIAN INSTITUTE OF TECHNOLOGY  
KHARAGPUR - 721 302, INDIA

No. HT/3-9/15/2023  
December 20, 2023

To  
Shri. Nilesh Chandra Srivastava,  
Under Secretary (IITs)  
Department of Higher Education  
Ministry of Education  
Government of India  
428-C, Shastri Bhawan  
New Delhi – 110 001

Sub : Reply to Rajya Sabha Unstarred Question No. 1951 for 20.12.2023 regarding Suicides in higher education institutes.

Dear Sir,

Kindly refer to your email dated 14.12.2023 on the above subject. As requested, the point wise reply to the questions is given below:

(c)	<b>The number of suicides which are ragging related during last five years, state-wise;</b>
Reply	0 (zero) in each year
(d)	<b>The number of help calls received on 24x7 anti ragging helpline for students in the last five years</b>
Reply	0 (zero) in each year

With regards,

Yours sincerely,

Registrar



भारतीय प्रौद्योगिकी संस्थान  
खड़गपुर : 721 302, भारत

INDIAN INSTITUTE OF TECHNOLOGY  
KHARAGPUR - 721 302, INDIA

No. HT/3-9/15/2023  
December 12, 2023

To  
Shri. Nilesh Chandra Srivastava,  
Under Secretary (IITs)  
Department of Higher Education  
Ministry of Education  
Government of India  
428-C, Shastri Bhawan  
New Delhi – 110 001

Sub : Reply to Rajya Sabha Unstarred Question No. S2942 for 13.12.2023 regarding "B.E/B.Tech admission through regional languages".

Dear Sir,

Kindly refer to your email dated 07.12.2023 on the above subject. As requested, the point wise reply to the questions is given below:

(a)	<b>State wise and language-wise total number of students taking admission in Bachelor of Engineering (B.E) and Bachelor of Technology (B.Tech) courses through regional languages;</b>
Reply	IIT Kharagpur takes admission to B.Tech courses through JEE (Advanced) examination. Every year this exam is conducted by one of our IITs. According to information brochure of JEE (Advanced) 2023 [page no-31] "The question papers will be in both English and Hindi languages. The candidates will have the option to choose (and also switch between) the preferred language anytime during the examination. English version will prevail in the event of any difference of opinion." So regional language wise admission is irrelevant for JEE (Advanced) Exam. Although we have state-wise admission data. The state-wise admission data of last 2 years are attached herewith.
(b)	<b>Whether it is true that for the second consecutive year no admission has been taken through Gujarati language medium in Gujarat Technical University; if yes, what is the reason; and</b>
Reply	This question is not applicable to the Institute.
(c)	<b>What is the total additional cost to universities for adding regional language medium courses in BE/B.Tech and is this cost borne separately by the Government ?</b>
Reply	B.Tech. Courses of IIT Kharagpur are in English medium therefore this question is also not applicable to us.

With regards,

Yours sincerely,

  
Registrar

S.No.	State of Eligibility	count(*)
1	ANDHRA PRADESH	199
2	WEST BENGAL	228
3	DELHI (NCT)	64
4	KARNATAKA	64
5	ODISHA	49
6	UTTAR PRADESH	131
7	MAHARASHTRA	198
8	TELANGANA	232
9	GUJARAT	48
10	RAJASTHAN	186
11	TAMIL NADU	44
12	ASSAM	12
13	HARYANA	33
14	KERALA	22
15	CHANDIGARH (UT)	14
16	CHHATTISGARH	23
17	MADHYA PRADESH	85
18	JHARKHAND	84
19	BIHAR	94
20	UTTARAKHAND	16
21	PUNJAB	6
22	ARUNACHAL PRADESH	4
23	GOA	2
24	JAMMU & KASHMIR (UT)	3
25	TRIPURA	9
26	HIMACHAL PRADESH	3
27	MEGHALAYA	1
28	LADAKH (UT)	1
29	NAGALAND	1
30	OUTSIDE INDIA	1