



केन्द्रीय भवन अनुसंधान संस्थान, रुड़की
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)
CENTRAL BUILDING RESEARCH INSTITUTE
(A CONSTITUENT ESTABLISHMENT OF CSIR)
रुड़की - 247667 (उत्तराखण्ड) भारत
ROORKEE - 247667 (UTTARAKHAND) INDIA

e-mail: gupta.arun@nic.in : parl@csir.res.in

No. 76(29)/2020-Per.

Date: 09.01.2024

To,

Dr. Arun K. Gupta
Scientist-E
Seismology/Geosciences Division
Ministry of Earth Sciences, R. No. 218, Prithvi Bhavan, Lodi Road
New-Delhi-110 003.

Sub: Matter of Urgent Public Importance raised during Zero Hour in Parliament -reg.

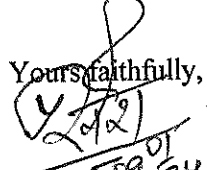
Ref: Lok Sabha Secretariat OM No.ZH/XVII/XIV/2023/LSS//TO/848 dt. 14 Dec 2023

Sir,

With reference to your e-mail dated 08.01.2024 on the subject cited above, I am directed to forward the requisite information in respect of this Institute as given below:

S.No.	Question	Reply
01.	<p>Ministry of EARTH SCIENCES may please refer to the Matter of Urgent Public Importance raise during Zero Hour on 12.12.2023 by Shri Adhir Ranjan Chowdhury, M.P. which is reproduced.</p> <p>'Sir I would like to flag the attention of the house to the fact that we all have witnessed with bated breath tje rescue operation on NH - 134 at the Silkyara Bend Barkot tunnel about 41 workers were trapped for 17 days in the tunnel - - - - -It was stated by the experts that there was no escape route. But the Minister has stated yes there was an escape route. I want the issue to be clarified by the Government.</p>	<p>"As a member of the technical committee formed by the USDMA, the concerned Scientist visited the Silkyara-Barkot tunnel in Uttarkashi from November 13-14, 2023. As informed by the site personnel form NHIDCL during site visit, and as perceived, there was no physical presence of any escape tunnel. However, there was a metal pipe of around 4" in diameter through which verbal communication and passage of compressed air (Oxygen) and dry foods were established with the entrapped miners by the concerned authorities."</p>

kindly acknowledge the receipt.

Yours faithfully,

(Parvesh Chand)

Administrative Officer

दूरभाष : 01332-272243, 28-3323,
28-3265, 28-3375
Phone : 01332-272243, 28-3323,
28-3265, 28-3375

ग्राम : " बिल्डसर्च "
Gram : "BILDSERCH"

ई-मेल : director@cbrimail.com
E.MAIL : director@cbrimail.com
फैक्स / FAX : 01332-272272, 272543
वेबसाइट / Website : <http://www.cbri.org.in>
वेबसाइट / Website : <http://www.cbri.in>

Re: PARLIAMENT QUESTION URGENT

From : Priya Singh <priyasingh@cbri.res.in>

Fri, Jul 19, 2024 07:40 PM

Subject : Re: PARLIAMENT QUESTION URGENT

To : Section Officer <sohrii@csir.res.in>

Cc : COA CBRI <coa@cbri.res.in>, CBRI Director <director@cbri.res.in>

Dear Sir/Madam

With reference to trail mail I am directed to forward herewith required information as given below

Raj Sabha Provisionally Admitted Unstarred Question Dairy No. U2199						
Female Researchers as on Date 19.07.2024						
Lab Name	CSIR-CBRI, ROORKEE					
Total Scientist	Male	Female				
	67	60	7			
The data reflected is excluding the Director CSIR-CBRI						

regards
Priya Singh

सीएसआईआर - केन्द्रीय भवन अनुसंधान संस्थान

रुड़की - 247 667, उत्तराखण्ड (भारत)

CSIR-Central Building Research Institute

ROORKEE - 247 667, UTTARAKHAND (INDIA)

E-mail : ao@cbri.res.in Website : www.cbri.res.in

Tel. : (+91) 01332-283375, 283265



No 76(29)/2020-Per

Dated 19.11.2024

To

The Joint Secretary(Admn.),
Council of Scientific & Industrial Research.,
Anusandhan Bhawan,
2, Rafi Marg,
New Delhi-110001

Subject: Raiya Sabha provisionally admitted question starred Dy No 1480.

Sir,

With reference to your email dated 18.11.2024, I am directed to forward herewith the required information on the prescribed proforma alongwith its soft copy on excel sheet for your information and further necessary action at your end.

Yours faithfully,

(Kumud Singh)
Controller of Administration

Encl: as above

TOP PRIORITY

Raiya Sabha provisionally admitted question- Starred Dy. No. 1480

Name of Lab/Instt. : CSIR CBRI Roorkee

Question No.		Manpower engaged on contract basis						No. of Regular/Permanent Appointments
2(a)	Whether CSIR Lab/Instt. has appointed more employees on contractual basis than regular/permanent appointments since 2019 till date (Yes/No)	Horticulture	Cleaning/Main tenance/Hous ekeeping	Security	others outsource workers	Others (excl. Project staffs)		
2(b)	If so, the reasons for decline in regular/permanent appointments	Not applicable						
2(c)	If not, the number of contractual appointments and regular/permanent appointments in Central Government separately since 2019 till 1st November, 2024, Ministry/Department/PSU-wise and year-wise?	Manpower engaged on contract basis						
	Year (as on 31st December)							
	2019	05	10E	34E	130E	3*	0	
	2020	05	10E	34E	125E	0*	0	
	2021	05	10E	34E	134E	1*	15	
	2022	05	10E	34E	95E	1*	1	
	2023	05	12E	34E	111E	5*	3	
	Till 1st November 2024	05	12E	34E	112E	6*	0	

* Consultants

£ Contractual out source worker in terms of CSIR letter No 4-14(24)/2003-E:II dated 25/26.4.2005

\$ Floor basis out source workers on need basis

5081 1971

 04

TOP PRIORITY

Raiya Sabha provisionally admitted question- Starred Dy. No. 1480

Name of Lab/Instt. :

Question No.

2(a) Whether CSIR Lab/Instt. has appointed more employees on contractual basis than regular/permanent appointments since 2019 till date (Yes/No)

2(b) If so, the reasons for decline in regular/permanent appointments

2(c) If not, the number of contractual appointments and regular/permanent appointments in Central Government separately since 2019 till 1st November, 2024, Ministry/Department/PSU-wise and year-wise?

Year (as on 31st December)	Manpower engaged on contract basis				No. of Regular/Permanent Appointments
	Horticulture	Cleaning/Maintenance/ Housekeeping	Security	Others (excl. Project staffs)	
2019	—	—	—	01	
2020	—	—	—	01	
2021	—	—	—	01	
2022	—	—	—	01	
2023	—	—	—	01	
Till 1st November 2024				02	

* The work related to Horticulture and cleaning is based upon floor area basis.

Prd C a M D
18.11.2024
CE

Prd C a M D
18/11/2024
(Civil Engineer)
Estate Division

TOP PRIORITY

Rajya Sabha provisionally admitted question- Starred Dy. No. 1480

Name of Lab/Instt. :

Question No.

2(a) Whether CSIR Lab/Instt. has appointed more employees on contractual basis than regular/permanent appointments since 2019 till date (Yes/No)

2(b) If so, the reasons for decline in regular/permanent appointments

2(c) If not, the number of contractual appointments and regular/permanent appointments in Central Government separately since 2019 till 1st November, 2024, Ministry/Department/PSU-wise and year-wise?

Year (as on 31st December)	Manpower engaged on contract basis				No. of Regular/Permanent Appointments
	Horticulture	Cleaning/Guest House Maintenance/ Housekeeping	Security	Others (excl. Project staffs) (Approx)	
2019		10	34	130	
2020		10	34	125	
2021		10	34	134	
2022		10	34	95	
2023		12	34	111	
Till 1st November 2024		12	34	112	

Rajya Sabha
18/11/24
(50-6)

Parliament Matter
Most Urgent

No. H-11021/01/2023-Estt.(AL)
Government of India
Ministry of Personnel, P.G. & Pensions
Department of Personnel & Training
Pers. Policy (Leave & Allowances) Division

Block -IV, Old JNU Campus
New Delhi, the 14th November, 2024

Office Memorandum

Subject: Rajya Sabha provisionally admitted Question- Starred Dy. No. 1480 - for reply on 28.11.2024 - reg.

A provisionally admitted Rajya Sabha Question- Starred Dy. No. 1480 for reply on 28.11.2024 regarding contractual appointments and regular/permanent appointments in Central Government has been received.

2. The question seeks to know:

- (a) Whether Government has appointed more employees on contractual basis than regular/permanent appointments since 2019 till date;
- (b) if so, the reasons for decline in regular/permanent appointments in Central Government;
- (c) if not, the number of contractual appointments and regular/permanent appointments in Central Government separately since 2019 till 1st November, 2024, Ministry/Department/PSU-wise and year-wise?

3. It is requested that consolidated input in respect of whole Ministry/Department including Attached/Subordinate Offices, Autonomous Bodies and PSUs under administrative control of your Ministry, may be furnished to this Department, for framing a reply to the Question, latest by **18.11.2024(FN)** on the following e-mails - js.kanth@nic.in, gaurav.0203@gov.in.



(Ram Dutt)
Deputy Secretary (L&A)
Ph.: 26164314

To

- i) Secretary to all Ministries/Department of Govt. of India as per list by e-mail.
- ii) Ms. Jasmine, Under Secretary, Pers. Policy-A-I/B-I, DopT, North Block.

Provisionally Admitted Questions in Rajya Sabha

Starred Diary No. - 1480

The Question will be put down for 28/11/2024

Answer on the Ministry Department - Personnel, Public Grievances and Pensions

PERSONNEL

Please refer to answer to UQ 2042 dated 08/08/2024 and state:

- a) whether Government has appointed more employees on contractual basis than regular/permanent appointments since 2019 till date;
- b) if so, the reasons for decline in regular/permanent appointments in central Government;
- c) if not, the number of contractual appointments and regular/permanent appointments in Central Government separately since 2019 till 1st November, 2024, Ministry/Department/PSU-wise and year-wise?

AS (PP)

DS (L & A)

US (L & A)

Leave Sec.

gaur
13/11/24



सीएसआईआर - केन्द्रीय भवन अनुसंधान संस्थान

रुड़की - 247667 (भारत) उत्तराखण्ड

CSIR - Central Building Research Institute

ROORKEE - 247 667 (INDIA), UTTARAKHAND

E.mail : ao@cbri.res.in Website : www.cbri.res.in

Tel.: (+91) 01332-283375, 283265



No 76(29)/2020-Per

Dated 19.11.2024

To

The Joint Secretary(Admn.),
Council of Scientific & Industrial Research,,
Anusandhan Bhawan,
2, Rafi Marg,
New Delhi-110001

Subject: Rajya Sabha provisionally admitted question unstarred Dy No 1170.

Sir,

With reference to your email dated 18.11.2024 on the subject cited above, I am directed to forward herewith the required information as under:

S.No	Question	Reply in respect of CSIR-CBRI
a	How many seats are vacant in the agencies and institutions under the Ministry of Science and Technology?	349
b	How many recruitments have been done in the last 4 years?	19
c	How many new posts have been created in the last 4 years?	NIL

Please take further necessary action at your end.

Yours faithfully,

(Kumud Singh)
Controller of Administration

Email

Priya Singh

RajyaSabha provisionally admitted starred/unstarred question Diary No S17 regarding to adopt new technologies in housing / construction sector

From : Priya Singh <priyasingh@cbri.res.in>

Thu, Nov 21, 2024 11:12 AM

Subject : RajyaSabha provisionally admitted starred/unstarred question Diary No S17 regarding to adopt new technologies in housing / construction sector  1 attachment

To : MayankMathur MayankMathur <mm@csir.res.in>

Cc : COA CBRI <coa@cbri.res.in>, Mahendra Kumar Gupta <jsa@csir.res.in>

Sir

With reference to subject as above I am directed to forward herewith reply in respect of CSIR-CBRI as attached please.

regards

Priya Singh

SO

CSIR-CBRI

 **reply to Rajyasabha question S17.pdf**
3 MB



सीएसआईआर - केन्द्रीय भवन अनुसंधान संस्थान
रुड़की - 247667 (भारत) उत्तराखण्ड
CSIR - Central Building Research Institute
ROORKEE - 247 667 (INDIA), UTTARAKHAND
E.mail : ao@cbri.res.in Website : www.cbri.res.in
Tel.: (+91) 01332-283375, 283265



No 76(29)/2020-Per

Dated 21.11.2024

To

The Joint Secretary(Admn.),
Council of Scientific & Industrial Research,,
Anusandhan Bhawan,
2, Rafi Marg,
New Delhi-110001

Subject: Raiya Sabha provisionally admitted question starred/unstarred question Diary No S17 regarding 'to adopt new technologies in housing /construction sector'.

Sir,

With reference to your email dated 19.11.2024 on the subject cited above, I am directed to forward herewith the required information as attached herewith for further necessary action at your end.

Yours faithfully,

(Priya Singh)
Section Officer

Encl :as above

TOP PRIORITY

Raiya Sabha provisionally admitted question- Starred Dy. No. 1480

Name of Lab/Instt. : CSIR-CBRI

Question No.	Whether CSIR Lab/Instt. has appointed more employees on contractual basis than regular/permanent appointments since 2019 till date (Yes/No)																																									
21(a)	Yes/No	<p>1. The posts of JSA were advertised in 2021 however due to technical issues in the online application format was cancelled, in 2022 one post JSA has filled through compassionate appointment, however we are to advertise 11 posts JSA and 03 posts of Jr. steno shortly.</p> <p>2. There are 7 sanctioned posts of driver out of which only 1 post is active for the remaining 6 posts proposal for revival has been sent to CSIR. The institute has advertised one live post for driver in EWS However, due to very poor response the process could not be completed, we have to shortly advertise the post.</p> <p>3. CSIR vide letter no 51152012PD dated 02.07.2013 has put a ban on the direct recruitment MTS posts except in exception circumstances and with the prior approval of DGCSIR. Therefore, vide this office letter no. 76/2/06/2022-per dated 12.09.2022 and 10.01.2023 we have requested for approval of the competent authority to fill up the direct recruitment posts of MTS Recruitment through Compassionate Appointment were made on the 2 posts of MTS on 2023.</p> <p>4. The CSIR vide letter no 51882010PD dated 21.07.2010 has put a ban on the direct recruitment on Gr.I posts except through absorption of identified casual workers and compassionate appointments subject to fulfillment of required qualification Recruitment through compassionate appointment was made Lab Attendant in 2023.</p> <p>5. For Gr.II entry level the advertisement for filling up of 17 posts is ready to be release soon.</p> <p>6. We have requested CSIR HQ for revival of posts deemed abandoned due to no filling up of posts in the last five years.</p>																																								
21(b)	If so, the reasons for decline in regular/permanent appointments																																									
21(c)	If not, the number of contractual appointments and regular/permanent appointments in Central Government separately since 2019 till 1st November, 2024, Ministry/Department/PSU-wise and year-wise?																																									
		<table border="1"> <thead> <tr> <th rowspan="2">Year (as on 31st December)</th> <th colspan="4">Manpower engaged on contract basis</th> <th rowspan="2">No. of Regular/Permanent Appointments</th> </tr> <tr> <th>Horticulture</th> <th>Cleaning/Maintenance/ Housekeeping</th> <th>Security</th> <th>Others* (excl. Project staffs)</th> </tr> </thead> <tbody> <tr> <td>2019</td> <td>0</td> <td>34</td> <td>3</td> <td>0</td> </tr> <tr> <td>2020</td> <td>0</td> <td>10</td> <td>34</td> <td>125</td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>34</td> <td>2</td> </tr> <tr> <td>2023</td> <td>0</td> <td>12</td> <td>0</td> <td>115</td> </tr> <tr> <td>Till 1st November 2024</td> <td>0</td> <td>0</td> <td>0</td> <td>114</td> </tr> </tbody> </table>	Year (as on 31st December)	Manpower engaged on contract basis				No. of Regular/Permanent Appointments	Horticulture	Cleaning/Maintenance/ Housekeeping	Security	Others* (excl. Project staffs)	2019	0	34	3	0	2020	0	10	34	125	2021	0	0	0	1	2022	0	0	34	2	2023	0	12	0	115	Till 1st November 2024	0	0	0	114
Year (as on 31st December)	Manpower engaged on contract basis				No. of Regular/Permanent Appointments																																					
	Horticulture	Cleaning/Maintenance/ Housekeeping	Security	Others* (excl. Project staffs)																																						
2019	0	34	3	0																																						
2020	0	10	34	125																																						
2021	0	0	0	1																																						
2022	0	0	34	2																																						
2023	0	12	0	115																																						
Till 1st November 2024	0	0	0	114																																						

* Includes outsourced manpower and consultant

13th Nov 2024

27/11/2024

TOP PRIORITY

Rajya Sabha provisionally admitted question- Starred Dy. No. 1480

Name of Lab/Instt. :

Question No.

2(a) Whether CSIR Lab/Instt. has appointed more employees on contractual basis than regular/permanent appointments since 2019 till date (Yes/No)

2(b) If so, the reasons for decline in regular/permanent appointments

2(c) If not, the number of contractual appointments and regular/permanent appointments in Central Government separately since 2019 till 1st November, 2024, Ministry/Department/PSU-wise and year-wise?

Year (as on 31st December)	Manpower engaged on contract basis			No. of Regular/Permanent Appointments
	Horticulture	Cleaning/Guest House Maintenance/Housekeeping	Security (Approx)	
2019		0	34 ^a	0
2020		10 ¹	34 ^b	125*
2021		0	0	0
2022		0	34 ^c	0
2023		12 ²	0	111*
Till 1st November 2024		0	0	112*

Remarks	New Contract Month/Year
1	Mar-20
2	Apr-23
a	Mar-19
b	Oct-20
c	Jun-22
*	Mar-20
*	Mar-23
o	Aug-24

50(G)
21/11/24
D. S. J.



सी.एस.आई.आर.—केन्द्रीय भवन अनुसंधान संस्थान, रूड़की
CSIR-CENTRAL BUILDING RESEARCH INSTITUTE
(A constituent Establishment of CSIR)
ROORKEE – 247 667, UTTARAKHAND.

e.mail : mm@csir.res.in

No.76(29)/2020-Per

Date : 22.11.2024

To,
The Joint Secretary (Admin.)
Council of Scientific & Industrial Research
Anusandhan Bhawan,
2 Rafi Marg,
New Delhi – 110001

Kind attention : Dr. Mayank Mathur, Chief Scientist, CPD

विषयSub. : MOST URGENT : Seeking inputs on Lok Sabha Unstarred Question having **Diary No. 1601** due for answer on 28.11.2024 regarding “Technology adoption by MSMEs” reg.

With reference to your email dated 21.11.2024 on the subject cited above, I am directed to forward the requisite information for part (a) and (b) of above question in respect of this Institute as under :-

Sl. No	Question	Answer
a	The details regarding the steps/initiatives undertaken by the government to increase/incentivize technology adoption by the MSME sector over the last five years across India, in Andhra Pradesh and in Bapatla parliamentary Constituency (PC).	As per information attached at Annexure-I.
b	The details regarding the total member of male and female business owners in the MSME sector who have been given proper access to technology and training regarding the same in order to increase the growth of their businesses;	As per information attached at Annexure-II.

भवदीया Yours faithfully,

(प्रिया सिंह)

अनुभाग अधिकारी

Send by Email



सीएसआईआर - केन्द्रीय भवन अनुसंधान संस्थान

रुड़की - 247 667, उत्तराखण्ड (भारत)

CSIR-Central Building Research Institute

ROORKEE - 247 667, UTTARAKHAND (INDIA)

E-mail : ao@cbri.res.in Website : www.cbri.res.in

Tel. : (+91) 01332-283375, 283265



No. 41016/5/2025-Pers. Policy(A-IV)

Dated: 26.03.2025

To

The Joint Secretary

Council of Scientific industrial & Research

Anusandhan Bhawan, 2, Rafi Marg,

New Delhi 110001

Subject : Lok Sabha Unstarred Question Dy. No. 14397 for answer on 02.04.2025
regarding "Termination of Services under FR/SR 56-J"- reg.

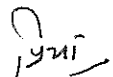
Respected sir,

With reference to Subject as above I am directed to provide following information in respect of CSIR-CBRI Roorkee as per format

Point-C	As per record on the Lab/Instt. Total Number of Employees reviewed under FR(j) till date	Total Number of persons whose services has been terminated as on date.
	NIL	NIL

Point-D	Whether any affected employee has challenged in the court of law and if so, the details thereof:			
S.No.	Name and Designation	Date of order of retirement	Judicial forum(s) at which the order of retirement is challenged	Date & brief of Order of Court
NIL	NIL	NIL	NIL	NIL

Yours faithfully,


Section officer

Email

Priya Singh


Lok Sabha Unstarred Question Dy. No. 14397 for answer on 02.04.2025 regarding "Termination of Services under FR/SR-J" - reg.

From : Priya Singh <priya.singh@csir.res.in> Wed, Mar 26, 2025 08:18 PM
Subject : Lok Sabha Unstarred Question Dy. No. 14397 for answer on 02.04.2025 regarding "Termination of Services under FR/SR-J" - reg. 1 attachment
To : Section Officer <so.hrii@csir.res.in>
Cc : COA CBRI <coa@cbri.res.in>

Respected Sir/Madam

I am directed to attach herewith letter dated on 26.03.2025 towards reply to Lok sabha Unstarred Qestion Dy. No. 14397 for answer on 02.04.2025 regarding "Termination of Services under FR/SR 56-J" - reg.

Regards,
Priya Singh
Section Officer
CSIR-CBRI, Roorkee - 247667

 **No. 410162025.pdf**
550 KB

Sub: Lok Sabha Unstarred Question Dy. No. 14397 for answer on 02.04.2025 regarding "Termination of Services under FR/SR 56-J". -reg.

Point-C	As per record on the Lab/Instt. Total Number of Employees reviewed under FR56 (j) till date	Total Number of persons whose services have been terminated as on date
	NIL	NIL

Point -D	Whether any affected employee has challenged in in the court of law and if so, the details thereof:			
S. No.	Name and Designation	Date of order of retirement	Judicial forum(s) at which the order of retirement is challenged	Date & brief of Order of Court
NIL	NIL	NIL	NIL	NIL

SO (P)
 26/3/25
 SO (R)

26/3/25

Point - C	As per record of the lab/instit. Total Number of Employees reviewed under FR56(j) till date	Total Number of persons whose services have been terminated as on date

Point- D		Whether any affected employee has challenged it in the court of law and if so, the details thereof:		
S.No.	Name and Designation	Date of order of retirement	Judicial forum(s) at which the order of retirement is challenged	Date & brief of Order of Court

Re: [csir-directors] TIME BOUND PARLIAMENT QUESTION Fwd: Rajya Sabha Provisionally Admitted Unstarred Parliament Question Diary No. U4441 regarding "Posts under the ministry".

From : Priya Singh <priyasingh@cbri.res.in>

Tue, Mar 11, 2025 04:16 PM

Subject : Re: [csir-directors] TIME BOUND PARLIAMENT QUESTION Fwd: Rajya Sabha Provisionally Admitted Unstarred Parliament Question Diary No. U4441 regarding "Posts under the ministry".

To : Section Officer <so.hrii@csir.res.in>

Cc : COA CBRI <coa@cbri.res.in>, CBRI Director <director@cbri.res.in>

Respected Sir

With reference to your trail mail on the subject I am directed to inform you that during the period January 2021 to November 2022 following recruitment have been done in CSIR-CBRI

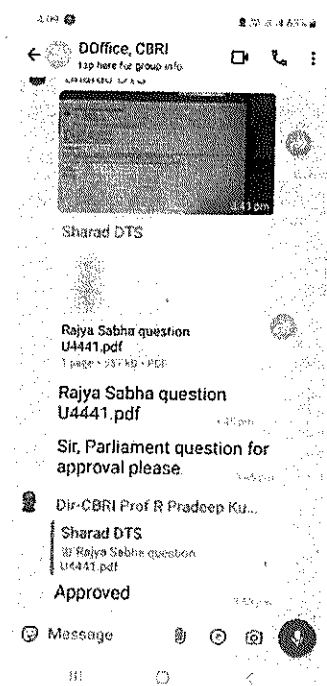
- (i) 15 scientists
- (ii) 01 JSA

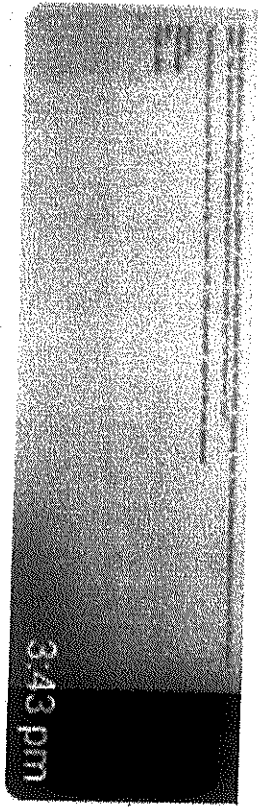
Regards
Priya Singh
SO
CSIR-CBRI

From: "Section Officer" <so.hrii@csir.res.in>

To: csir-directors@ismgr.nic.in, "Dr. Avanish kumar Srivastava" <director@ampri.res.in>, "CBRI Director" <director@cbri.res.in>, "Dr. Vinay Kumar Nandicoori" <director@ccmb.res.in>, "Dr. Radha Rangarajan" <director@cdri.res.in>, "Director CECRI" <director@cecri.res.in>, "Dr. P. C. Panchariya" <director@ceeri.res.in>, "Director CSIR CFTRI" <director@cftri.res.in>, "Director CGCRI" <director@cgcri.res.in>, "Dir Office" <dir_office@cgcri.res.in>, "Director CIMAP" <director@cimap.res.in>, "Director CSIR CIMFR, Dhanbad" <director@cimfr.res.in>, "DIRECTOR CLRI" <director@clri.res.in>, "Director, CMERI, Durgapur" <director@cmeri.res.in>, "Director, CRRRI" <director.crrri@nic.in>, "Prof. Shantanu Bhattacharya" <director@csio.res.in>

Cc: "Laxman Singh Negi" <lsnegi@csir.res.in>, "Purnima Arora" <purnimaarora@csir.res.in>, "Sanjay Kumar Ram" <Sanjayk.csir@csir.res.in>, "COA AMPRI" <coaampri@ampri.res.in>, "AO AMPRI" <ao@ampri.res.in>, "COA CBRI" <coa@cbri.res.in>, "AO CSIR CBRI" <ao@cbri.res.in>, "Archana Choudhary" <archanac@cbri.res.in>, "Sr.COA CCMB" <coa@ccmb.res.in>, "Chandan Kumar" <k.chandan@ccmb.res.in>, "Controller of Administration CSIR CDRI" <coa@cdri.res.in>, "Rashmi Rathore" <ao_admin@cdri.res.in>, "COA Controller of Administration CECRI" <coa@cecri.res.in>, "Administrative Officer CECRI" <ao@cecri.res.in>, "Jay Shankar Sharan" <coa@ceeri.res.in>, "Administrative Officer" <ao@ceeri.res.in>, "COA Office" <coa@cftri.res.in>, "DasmathMurmu" <murmudasmath@cftri.res.in>, "CGCRI COA" <cgcricoa@cgcri.res.in>, "CGCRI AO" <cgcriao@cgcri.res.in>, "Administrative Officer"





Sharad DTS

Rajya Sabha question
U4441.pdf

1 page • 557 KB • PDF

Rajya Sabha question
U4441.pdf

3:45 pm

Sir, Parliament question for
approval please.

3:46 pm



Dir-CBRI Prof R Pradeep Ku...

Sharad DTS

Rajya Sabha question

Fwd: TIME BOUND PARLIAMENT QUESTION Fwd: Rajya Sabha Provisionally Admitted Unstarred Parliament Question Diary No. U4441 regarding "Posts under the ministry".

From : CBRI Director <director@cbri.res.in>

Tue, Mar 11, 2025 02:33 PM

Subject : Fwd: TIME BOUND PARLIAMENT QUESTION Fwd: Rajya Sabha Provisionally Admitted Unstarred Parliament Question Diary No. U4441 regarding "Posts under the ministry".

To : COA CBRI <coa@cbri.res.in>, Priya Singh <priyasingh@cbri.res.in>, CSIR CBRI SO Personal <sop@cbri.res.in>

Dear COA Madam,

FYI & NA.

Regards,

प्रो. आर. प्रदीप कुमार
Prof. R. Pradeep Kumar

निदेशक

Director

सी एस आई आर - केंद्रीय भवन अनुसंधान संस्थान, रूड़की-247667

CSIR- Central Building Research Institute (CBRI), Roorkee - 247 667. India.

विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार/ Ministry of Science & Technology, Govt. of India.

Phone No.: 01332-272243

Email id: director@cbri.res.in

Fax: 01332-272272

From: "Section Officer" <so.hrii@csir.res.in>

To: csir-directors@ismgr.nic.in, "Dr. Avanish kumar Srivastava" <director@ampri.res.in>, "CBRI Director" <director@cbri.res.in>, "Dr. Vinay Kumar Nandicoori" <director@ccmb.res.in>, "Dr. Radha Rangarajan" <director@cdri.res.in>, "Director CECRI" <director@cecri.res.in>, "Dr. P. C. Panchariya" <director@ceeri.res.in>, "Director CSIR CFTRI" <director@cftri.res.in>, "Director CGCRI" <director@cgcri.res.in>, "Dir Office" <dir_office@cgcri.res.in>, "Director CIMAP" <director@cimap.res.in>, "Director CSIR CIMFR, Dhanbad" <director@cimfr.res.in>, "DIRECTOR CLRI" <director@clri.res.in>, "Director, CMERI, Durgapur" <director@cmeri.res.in>, "Director, CRRI" <director.crii@nic.in>, "Prof. Shantanu Bhattacharya" <director@csio.res.in>

Cc: "Laxman Singh Negi" <lnegi@csir.res.in>, "Purnima Arora" <purnimaarora@csir.res.in>, "Sanjay Kumar Ram" <Sanjayk.csir@csir.res.in>, "COA AMPRI" <coaampri@ampri.res.in>, "AO AMPRI" <ao@ampri.res.in>, "COA CBRI" <coa@cbri.res.in>, "AO CSIR CBRI" <ao@cbri.res.in>, "Archana Choudhary" <archanac@cbri.res.in>, "Sr.COA CCMB" <coa@ccmb.res.in>, "Chandan Kumar" <k.chandan@ccmb.res.in>, "Controller of Administration CSIR CDRI" <coa@cdri.res.in>, "Rashmi Rathore" <ao_admin@cdri.res.in>, "COA Controller of Administration CECRI" <coa@cecri.res.in>, "Administrative Officer CECRI" <ao@cecri.res.in>, "Jay Shankar Sharan" <coa@ceeri.res.in>, "Administrative Officer" <ao@ceeri.res.in>, "COA Office" <coa@cftri.res.in>, "DasmathMurmud" <murmudasmath@cftri.res.in>, "CGCRI COA"

<cgcrcoa@cgcri.res.in>, "CGCRI AO" <cgcriao@cgcri.res.in>, "Administrative Officer" <ao@cimap.res.in>, "Alok Sharma" <coacimfr@cimfr.res.in>, "Kumar Rahul" <aocimfr@cimfr.res.in>, "COA CLRI" <coa@clri.res.in>, "B P Saw" <ao@cmeri.res.in>, "Controller of Administration, CRRRI" <coa.crrri@nic.in>, "Virender Lamba AO" <coa@csio.res.in>

Sent: Tuesday, March 11, 2025 1:00:12 PM

Subject: TIME BOUND PARLIAMENT QUESTION Fwd: Rajya Sabha Provisionally Admitted Unstarred Parliament Question Diary No. U4441 regarding "Posts under the ministry".

Dear All,

I am directed to forward herewith a trailing mail on the subject cited above and request you to kindly provide the information for the component (b) i.e., "How many recruitments have been done in the last 4 years"? The desired information be provided for the **period from January 2021 to November 2022.**

This being **Parliament Question**, please accord **TOP-MOST-PRIORITY** and provide the information latest by **2 PM TODAY** by return mail and also a PDF with a signed copy of AO/CoA/Sr.CoA.

Thanks and regards,

के. श्रीधर, K Sridhar,

अनुभाग अधिकारी Section Officer

मानव संसाधन - II, HR-II,

सी.एस.आई.आर., अनुसन्धान भवन, २, रफ़ी मार्ग, नई दिल्ली-110001

Council of Scientific & Industrial Research, Anusandhan Bhawan , 2 Rafi Marg , New Delhi - 110001

विज्ञान और प्रौद्योगिकी मंत्रालय/Ministry of Science and Technology

Telephone/ दूरभाष : 011-23470474, 011-23470401, 011-23312365

Website: <https://www.csir.res.in>

From: "Sumeet Nagpal" <[mailto:sumeet.nagpal@nic.in | sumeet.nagpal@nic.in]>
To: "Dr Rajesh S Gokhale" <[mailto:secy.dbt@nic.in | secy.dbt@nic.in]>, "Director General CSIR" <[mailto:dg@csir.res.in | dg@csir.res.in]>, "Director General CSIR" <[mailto:dgcsir@csir.res.in | dgcsir@csir.res.in]>, "CEOANRF" <[mailto:ceo@anrf.gov.in | ceo@anrf.gov.in]>, "Manoranjan" <[mailto:mohantym@nic.in | mohantym@nic.in]>, "Rajesh Kumar Pathak" <[mailto:secretary@tdb.gov.in | secretary@tdb.gov.in]>, "A Dhanalakshmi" <[mailto:a.dhanalakshmi@nic.in | a.dhanalakshmi@nic.in]>, [mailto:director@aripune.org | director@aripune.org], "Director ARIES" <[mailto:directoraries@aries.res.in | directoraries@aries.res.in]>, [mailto:director@bsip.res.in | director@bsip.res.in], [mailto:director@jcbose.ac.in | director@jcbose.ac.in], [mailto:director@cens.res.in | director@cens.res.in], [mailto:director@iacs.res.in | director@iacs.res.in], [mailto:diriaa@iiap.res.in | diriaa@iiap.res.in], "IIG DIRECTOR" <[mailto:iig.director@iigm.res.in | iig.director@iigm.res.in]>, "Director IASST" <[mailto:dir.iasst@nic.in | dir.iasst@nic.in]>, [mailto:director@inst.ac.in | director@inst.ac.in], "Director ARCI" <[mailto:director@arci.res.in | director@arci.res.in]>, "Dr. Sanjay Bhardwaj" <[mailto:sanjay@arci.res.in | sanjay@arci.res.in]>, [mailto:president@jncasr.ac.in | president@jncasr.ac.in], [mailto:director@rri.res.in | director@rri.res.in], [mailto:ea-director@rri.res.in | ea-director@rri.res.in], [mailto:director@bose.res.in |

director@bose.res.in] , [mailto:director@sctimst.ac.in | director@sctimst.ac.in] , [mailto:director@wihg.res.in | director@wihg.res.in] , [mailto:director@nifindia.org | director@nifindia.org] , [mailto:president@ias.ac.in | president@ias.ac.in] , [mailto:mahesh@ias.ac.in | mahesh@ias.ac.in] , "Dr Brajesh Pandey" < [mailto:exe.director@insa.nic.in | exe.director@insa.nic.in] > , "Prof Ashutosh Sharma" < [mailto:president@insa.nic.in | president@insa.nic.in] > , [mailto:inaehq@inae.in | inaehq@inae.in] , "Atul Kumar" < [mailto:es.sciencecongress@nic.in | es.sciencecongress@nic.in] > , "nasi allahabad1" < [mailto:nasi.allahabad1@gmail.com | nasi.allahabad1@gmail.com] > , "Pradeep Srivastava" < [mailto:ed@tifac.org.in | ed@tifac.org.in] > , "dg nectar" < [mailto:dg.nectar@nectar.org.in | dg.nectar@nectar.org.in] >
Cc: "Dr Konga Gopikrishna" < [mailto:k.gopikrishna@nic.in | k.gopikrishna@nic.in] > , "Surinder Pal Singh" < [mailto:jsa-dsir@nic.in | jsa-dsir@nic.in] > , "Mahendra Kumar Gupta" < [mailto:jsa@csir.res.in | jsa@csir.res.in] > , "Ekta Vishnoi" < [mailto:jsadmin.dbt@nic.in | jsadmin.dbt@nic.in] > , "Xavier Minj" < [mailto:xavier.minj@nic.in | xavier.minj@nic.in] > , "Anil" < [mailto:anilk.pandey@nic.in | anilk.pandey@nic.in] > , "Smriti Tripathi" < [mailto:tripathi.smriti@nic.in | tripathi.smriti@nic.in] > , "SANJAY KUMAR" < [mailto:sanjay.kumar1971@nic.in | sanjay.kumar1971@nic.in] >
Sent: Saturday, March 8, 2025 10:14:00 PM
Subject: Rajya Sabha Provisionally Admitted Unstarred Parliament Question Diary No. U4441 due for answer on 20.03.2025 regarding "Posts under the ministry".

TIME BOUND / समयबद्ध

PARLIAMENT QUESTION / संसदीय प्रश्न

(Inputs requested by : 12:00 PM, 11.03.2025 / इनपुट अनुरोधित 12:00 मध्याह्न , 11.03.2025 तक)

आदरणीय महोदय/महोदया | Respected Sir/Madam,

नमस्ते | Greetings !!

I am directed to refer to the above cited subject and to state that a Rajya Sabha starred /Unstarred Question, Diary No. U4441, to be answered on 20.03.2025 by Hon'ble Minister for Science and Technology is received from Question Branch of Rajya Sabha Secretariat as detailed below :

PROVISIONALLY ADMITTED QUESTION FOR THE RAJYA SABHA

Starred /Unstarred Diary No.-- U4441

The Question Will be put down for -- 20/03/2025

Answer on the Ministry Department -- Science and Technology(S&T)

Posts under the ministry

(a) How many seats are vacant in the agencies and institutions under the Ministry of Science and Technology

(b) How many recruitments have been done in the last 4 years?

(c) How many new posts have been created in the last 4 years?

Accordingly, kindly manage to send the inputs to Dr. Konga Gopikrishna, Scientist 'F' (email : [mailto:k.gopikrishna@nic.in | k.gopikrishna@nic.in]) with a copy to [mailto:sumeet.nagpal@nic.in | sumeet.nagpal@nic.in] latest by 12:00 PM, 11.03.2025. If there are 'Nil' inputs the same may also please be conveyed.

सादर / With Regards

सुमीत नागपाल/ Sumeet Nagpal,

कनिष्ठ तकनीकी सहायक (बैच 2012) / Junior Technical Assistant (Batch 2012),

स्वायत्त संस्थान प्रभाग / Autonomous Institution Division,

विज्ञान और प्रौद्योगिकी विभाग , भारत सरकार / Department of Science and Technology, Govt. of India

टेक्नोलॉजी भवन , नया महरौली मार्ग / Technology Bhavan, New Mehrauli Road

नई दिल्ली- 110016 / New Delhi

वेबसाइट / Website: [<https://dst.gov.in/> | <https://dst.gov.in/>]

| कृपया इस ई-मेल को प्रिंट करने से पहले पर्यावरण के बारे में विचार करें !

[<https://amritmahotsav.nic.in/>]



From : COA CBRI <coa@cbri.res.in>

Tue, Mar 11, 2025 01:24 PM

Subject : Fwd: TIME BOUND PARLIAMENT QUESTION Fwd:
Rajya Sabha Provisionally Admitted Unstarred
Parliament Question Diary No. U4441 regarding "Posts
under the ministry".

To : Priya Singh <priyasingh@cbri.res.in>, Savita
Vishwakarma <savita.vish@cbri.res.in>

प्रशासन नियंत्रक
Controller of Administration
सीएसआईआर-सीबीआरआई- रूडकी
CSIR-CBRI, Roorkee

From: "Section Officer" <so.hrii@csir.res.in>
To: csir-directors@ismgr.nic.in, "Dr. Avanish kumar Srivastava" <director@ampri.res.in>, "CBRI Director" <director@cbri.res.in>, "Dr. Vinay Kumar Nandicoori" <director@ccmb.res.in>, "Dr. Radha Rangarajan" <director@cdri.res.in>, "Director CECRI" <director@cecri.res.in>, "Dr. P. C. Panchariya" <director@ceeri.res.in>, "Director CSIR CFTRI" <director@cftri.res.in>, "Director CGCRI" <director@cgcri.res.in>, "Dir Office" <dir_office@cgcri.res.in>, "Director CIMAP" <director@cimap.res.in>, "Director CSIR CIMFR, Dhanbad" <director@cimfr.res.in>, "DIRECTOR CLRI" <director@clri.res.in>, "Director, CMERI, Durgapur" <director@cmeri.res.in>, "Director, CRRI" <director.cri@nic.in>, "Prof. Shantanu Bhattacharya" <director@csio.res.in>
Cc: "Laxman Singh Negi" <lsnegi@csir.res.in>, "Purnima Arora" <purnimaarora@csir.res.in>, "Sanjay Kumar Ram" <Sanjayk.csir@csir.res.in>, "COA AMPRI" <coaampri@ampri.res.in>, "AO AMPRI" <ao@ampri.res.in>, "COA CBRI" <coa@cbri.res.in>, "AO CSIR CBRI" <ao@cbri.res.in>, "Archana Choudhary" <archanac@cbri.res.in>, "Sr.COA CCMB" <coa@ccmb.res.in>, "Chandan Kumar" <k.chandan@ccmb.res.in>, "Controller of Administration CSIR CDRI" <coa@cdri.res.in>, "Rashmi Rathore" <ao_admin@cdri.res.in>, "COA Controller of Administration CECRI" <coa@cecri.res.in>, "Administrative Officer CECRI" <ao@cecri.res.in>, "Jay Shankar Sharan" <coa@ceeri.res.in>, "Administrative Officer" <ao@ceeri.res.in>, "COA Office" <coa@cftri.res.in>, "Dasmath Murmu" <murmudasmath@cftri.res.in>, "CGCRI COA" <cgcricoa@cgcri.res.in>, "CGCRI AO" <cgcriao@cgcri.res.in>, "Administrative Officer" <ao@cimap.res.in>, "Alok Sharma" <coacimfr@cimfr.res.in>, "Kumar Rahul" <aocimfr@cimfr.res.in>, "COA CLRI" <coa@clri.res.in>, "B P Saw" <ao@cmeri.res.in>, "Controller of Administration, CRRI" <coa.cri@nic.in>, "Virender Lamba AO" <coa@csio.res.in>

Sent: Tuesday, March 11, 2025 1:00:12 PM

Subject: TIME BOUND PARLIAMENT QUESTION Fwd: Rajya Sabha Provisionally Admitted Unstarred Parliament Question Diary No. U4441 regarding "Posts under the ministry".

Dear All,

I am directed to forward herewith a trailing mail on the subject cited above and request you to kindly provide the information for the component (b) i.e., "How many recruitments have been done in the last 4 years"? The desired information be provided for the **period from January 2021 to November 2022.**

This being **Parliament Question**, please accord **TOP-MOST-PRIORITY** and provide the information latest by **2 PM TODAY** by return mail and also a PDF with a signed copy of AO/CoA/Sr.CoA.

Thanks and regards,

के. श्रीधर, K Sridhar,
अनुभाग अधिकारी Section Officer

मानव संसाधन - II, HR-II,

सी.एस.आई.आर., अनुसन्धान भवन, २, रफ़ी मार्ग, नई दिल्ली-110001

Council of Scientific & Industrial Research, Anusandhan Bhawan, 2 Rafi Marg, New Delhi - 110001

विज्ञान और प्रौद्योगिकी मंत्रालय/Ministry of Science and Technology

Telephone/ दूरभाष : 011-23470474, 011-23470401, 011-23312365

Website: <https://www.csir.res.in>

From: "Sumeet Nagpal" <[mailto:sumeet.nagpal@nic.in | sumeet.nagpal@nic.in] >
To: "Dr Rajesh S Gokhale" <[mailto:secy.dbt@nic.in | secy.dbt@nic.in] >, "Director General CSIR" <[mailto:dg@csir.res.in | dg@csir.res.in] >, "Director General CSIR" <[mailto:dgcsir@csir.res.in | dgcsir@csir.res.in] >, "CEOANRF" <[mailto:ceo@anrf.gov.in | ceo@anrf.gov.in] >, "Manoranjan" <[mailto:mohantym@nic.in | mohantym@nic.in] >, "Rajesh Kumar Pathak" <[mailto:secretary@tdb.gov.in | secretary@tdb.gov.in] >, "A Dhanalakshmi" <[mailto:a.dhanalakshmi@nic.in | a.dhanalakshmi@nic.in] >, [mailto:director@aripune.org | director@aripune.org], "Director ARIES" <[mailto:directoraries@aries.res.in | directoraries@aries.res.in] >, [mailto:director@bsip.res.in | director@bsip.res.in], [mailto:director@jcbose.ac.in | director@jcbose.ac.in], [mailto:director@cens.res.in | director@cens.res.in], [mailto:director@iacs.res.in | director@iacs.res.in], [mailto:dirija@iiap.res.in | dirija@iiap.res.in], "IIG DIRECTOR" <[mailto:iig.director@iigm.res.in | iig.director@iigm.res.in] >, "Director IASST" <[mailto:dir.iasst@nic.in | dir.iasst@nic.in] >, [mailto:director@inst.ac.in | director@inst.ac.in], "Director ARCI" <[mailto:director@arci.res.in | director@arci.res.in] >, "Dr. Sanjay Bhardwaj" <[mailto:sanjay@arci.res.in | sanjay@arci.res.in] >, [mailto:president@jncasr.ac.in | president@jncasr.ac.in], [mailto:director@rri.res.in | director@rri.res.in], [mailto:ea-director@rri.res.in | ea-director@rri.res.in], [mailto:director@bose.res.in | director@bose.res.in], [mailto:director@sctimst.ac.in | director@sctimst.ac.in], [mailto:director@wihg.res.in | director@wihg.res.in], [mailto:director@nifindia.org | director@nifindia.org], [mailto:president@ias.ac.in | president@ias.ac.in], [mailto:mahesh@ias.ac.in | mahesh@ias.ac.in], "Dr Brajesh Pandey" <[mailto:exe.director@insa.nic.in | exe.director@insa.nic.in] >, "Prof Ashutosh Sharma" <[mailto:president@insa.nic.in | president@insa.nic.in] >, [mailto:inaehq@inae.in | inaehq@inae.in], "Atul Kumar" <[mailto:es.sciencecongress@nic.in | es.sciencecongress@nic.in] >, "nasi allahabad1" <[mailto:nasi.allahabad1@gmail.com | nasi.allahabad1@gmail.com] >, "Pradeep Srivastava" <[mailto:ed@tifac.org.in | ed@tifac.org.in] >, "dg nectar" <[mailto:dg.nectar@nectar.org.in | dg.nectar@nectar.org.in] >

Cc: "Dr Konga Gopikrishna" <[mailto:k.gopikrishna@nic.in | k.gopikrishna@nic.in] >, "Surinder Pal Singh" <[mailto:jsa-dsir@nic.in | jsa-dsir@nic.in] >, "Mahendra Kumar Gupta" <[mailto:jsa@csir.res.in | jsa@csir.res.in] >, "Ekta Vishnoi" <[mailto:jsadmin.dbt@nic.in | jsadmin.dbt@nic.in] >, "Xavier Minj" <[mailto:xavier.minj@nic.in | xavier.minj@nic.in] >, "Anil" <[mailto:anilk.pandey@nic.in | anilk.pandey@nic.in] >, "Smriti Tripathi" <[mailto:tripathi.smriti@nic.in | tripathi.smriti@nic.in] >, "SANJAY KUMAR" <[mailto:sanjay.kumar1971@nic.in | sanjay.kumar1971@nic.in] >

Sent: Saturday, March 8, 2025 10:14:00 PM

Subject: Rajya Sabha Provisionally Admitted Unstarred Parliament Question Diary No. U4441 due for answer on 20.03.2025 regarding "Posts under the ministry".

PARLIAMENT QUESTION / संसदीय प्रश्न

(Inputs requested by : 12:00 PM, 11.03.2025 / इनपुट अनुरोधित 12:00 मध्याह्न , 11.03.2025 तक)

आदरणीय महोदय/महोदया | Respected Sir/Madam,

नमस्ते | Greetings !!

I am directed to refer to the above cited subject and to state that a Rajya Sabha starred /Unstarred Question, Diary No. U4441, to be answered on 20.03.2025 by Hon'ble Minister for Science and Technology is received from Question Branch of Rajya Sabha Secretariat as detailed below :

PROVISIONALLY ADMITTED QUESTION FOR THE RAJYA SABHA

Starred /Unstarred Diary No.-- U4441

The Question Will be put down for -- 20/03/2025

Answer on the Ministry Department -- Science and Technology(S&T)

Posts under the ministry

(a) How many seats are vacant in the agencies and institutions under the Ministry of Science and Technology

(b) How many recruitments have been done in the last 4 years?

(c) How many new posts have been created in the last 4 years?

Accordingly, kindly manage to send the inputs to Dr. Konga Gopikrishna, Scientist 'F' (email : [<mailto:k.gopikrishna@nic.in> | k.gopikrishna@nic.in]) with a copy to [<mailto:sumeet.nagpal@nic.in> | sumeet.nagpal@nic.in] latest by 12:00 PM, 11.03.2025. If there are 'Nil' inputs the same may also please be conveyed.

सादर / With Regards

सुमीत नागपाल/ Sumeet Nagpal,

कनिष्ठ तकनीकी सहायक (बैच 2012) / Junior Technical Assistant (Batch 2012),

स्वायत्त संस्थान प्रभाग / Autonomous Institution Division,

विज्ञान और प्रौद्योगिकी विभाग , भारत सरकार / Department of Science and Technology, Govt. of India

टेक्नोलॉजी भवन , नया महरौली मार्ग / Technology Bhavan, New Mehrauli Road

नई दिल्ली- 110016 / New Delhi

वेबसाइट / Website: [<https://dst.gov.in/> | <https://dst.gov.in/>]

| कृपया इस ई-मेल को प्रिंट करने से पहले पर्यावरण के बारे में विचार करें !



सी.एस.आई.आर-केन्द्रीय भवन अनुसंधान संस्थान, रूड़की
CSIR-CENTRAL BUILDING RESEARCH INSTITUTE
(A constituent Establishment of CSIR)
ROORKEE - 247 667, UTTARAKHAND.

No.76(29)/2020-Per

Date : 11.12.2024

To,
The Joint Secretary (Admin.)
Council of Scientific & Industrial Research
Anusandhan Bhawan,
2 Rafi Marg,
New Delhi - 110001

Kind attention : Dr. Mayank Mathur, Chief Scientist, CPD

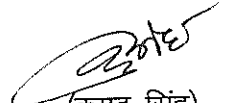
विषय Sub. : Most Urgent: Seeking Inputs regarding provisionally admitted Lok Sabha Starred Question D. No. 7730 to be replied on 17.12.2024 regarding Adoption of new technologies in the construction industry.reg.

Sir,

With reference to your email dated 10.12.2024 on the subject cited above, I am directed to forward the requisite information in respect of this Institute as under:-

Sl. No	Question	Answer
(a)	whether it is fact that new technologies are emerging in the construction industry globally requiring rapid upgradation and assimilation if so, the details thereof; and	As per Annexure -I
(b)	the steps taken or proposed to be taken by the Ministry, in collaboration/ consultation with National Council for Cement & Building Materials (Ministry of Commerce), the Building Materials and Technology Promotion Council (Ministry of Housing), CSIR-Central Building Research Institute Roorkee, and CSIR-Central Road Research Institute, to develop a proper strategy for smooth assimilation/ adoption of new technologies in the construction industry through a coordinated approach of these entities?	As per Annexure -II

भवदीया Yours faithfully,


(कुमुद सिंह)
प्रशासन नियंत्रक

Pointwise reply to Parliament questions**Question (a)**

whether it is fact that new technologies are emerging in the construction industry globally requiring rapid upgradation and assimilation if so, the details thereof;

Reply:

The construction industry in India is one of the largest sectors contributing significantly to the nation's economy. It plays a vital role in infrastructure development, urbanization, and housing needs, which are crucial for India's rapid economic growth. The advancements in construction sector are not only improving productivity and quality but also enabling sustainable practices, paving the way for a smarter and more resilient construction industry. Some of emerging technologies which are being adopted in construction sector are given below:

Building Information Modeling (BIM)

Building Information Modeling (BIM) is transforming India's construction sector by enabling precise project planning and efficient execution, particularly in large-scale urbanization and infrastructure projects. BIM provides a digital representation of a building's physical and functional characteristics, improving collaboration among stakeholders and ensuring design accuracy. In India, BIM adoption is growing, particularly in smart city developments, metro rail projects, and commercial complexes where detailed planning and seamless coordination are crucial. The government's push for digital infrastructure through initiatives like "Digital India" is accelerating BIM's integration. By minimizing errors, optimizing resource utilization, and addressing complex regulatory challenges, BIM is playing a pivotal role in enhancing project efficiency. Moreover, with sustainability becoming a priority, BIM's ability to simulate energy performance and lifecycle costs makes it indispensable in green building projects.

Prefabrication and Modular Construction

Prefabrication and modular construction are gaining significant momentum in India, offering efficient solutions to address the challenges of rapid urbanization, housing shortages, and tight construction timelines. By manufacturing building components in controlled environments and assembling them on-site, these methods drastically reduce construction time and material wastage. In India, prefabrication is being embraced in residential, commercial, and infrastructure projects such as metro stations. The government's Pradhan Mantri Awas Yojana (PMAY) has increasingly adopted these technologies to meet the rising demand for affordable housing. The healthcare sector also witnessed the benefits of prefabrication during the COVID-19 pandemic, with the rapid deployment of prefabricated hospitals. With their ability to enhance sustainability, improve quality control, and reduce environmental impact, prefabrication and modular construction are poised to play a major role in India's construction future.

3D Printing in Construction

3D printing allows for the creation of entire structures using automated systems that layer material, reducing the need for traditional labor-intensive processes. Indian companies and startups are increasingly exploring 3D printing for affordable housing projects, with notable examples including the construction of fully 3D-printed homes in Chennai and Bengaluru. The technology's ability to use locally sourced materials and minimize waste aligns with India's

sustainability goals. Additionally, 3D printing is proving valuable for rapid infrastructure deployment in disaster-hit regions, providing durable and cost-effective shelters. With government support and the push for smart cities and innovative infrastructure, 3D printing is set to revolutionize the Indian construction landscape by offering faster, more precise, and environmentally friendly building solutions.

Artificial Intelligence (AI) and Machine Learning in Construction

Artificial Intelligence (AI) and Machine Learning (ML) are transforming the construction industry in India by enabling smarter decision-making and operational efficiency. These technologies are being utilized for project planning, risk assessment, and predictive maintenance of machinery, helping address challenges such as cost overruns and delays in large-scale infrastructure projects. In India, AI-powered tools are aiding urban development initiatives like Smart Cities by optimizing resource allocation, monitoring construction progress, and ensuring safety compliance. Machine learning algorithms are also being deployed to analyze data from past projects, predict potential risks, and improve project outcomes. Additionally, AI-driven applications in site monitoring and quality assurance are reducing dependency on manual inspections. With India's construction sector rapidly embracing digital transformation, AI and ML are playing a crucial role in enhancing productivity, sustainability, and innovation across various projects, from metro rail systems to residential developments.

Advanced Construction Materials

Advanced construction materials are playing a transformative role in India's construction sector, addressing the dual challenges of rapid urbanization and sustainability. Materials like **self-healing concrete**, which repairs cracks autonomously, are being explored to enhance the longevity of infrastructure such as bridges and highways. Lightweight and energy-efficient materials like **Autoclaved Aerated Concrete (AAC) blocks** are widely used in urban construction due to their superior thermal insulation and ease of installation. **Graphene-enhanced materials** and **fiber-reinforced polymers** are being integrated into projects to improve strength and durability while reducing material consumption. Additionally, **phase-change materials** are gaining traction in green building projects for their ability to regulate indoor temperatures, reducing reliance on energy-intensive cooling systems. The Indian construction sector is also adopting **geopolymer concrete**, which uses industrial byproducts like fly ash, aligning with the nation's sustainability goals. These advanced materials are pivotal in supporting India's ambitious infrastructure initiatives while promoting eco-friendly construction practices.

Smart Sensors and IoT in Indian Construction

Smart sensors and Internet of Things (IoT) technologies are revolutionizing the construction sector in India by enabling real-time monitoring and data-driven decision-making. These technologies are being used to track structural integrity, monitor environmental conditions, and enhance worker safety on construction sites. For example, IoT-enabled sensors can detect temperature, humidity, and vibration levels, ensuring compliance with safety and quality standards in large infrastructure projects such as metro rail systems and highways. In smart city developments, sensors play a critical role in energy management, water conservation, and waste monitoring. IoT-powered devices are also being integrated into construction equipment to enable predictive maintenance, reducing downtime and operational costs. As India adopts advanced technologies to meet the demands of urbanization and sustainability, smart sensors and IoT are becoming indispensable tools for enhancing efficiency, reducing risks, and achieving long-term infrastructure resilience.

Construction and Demolition (C&D) Waste Utilization:

Advanced recycling technologies are being used to repurpose C&D waste into valuable construction materials like aggregates and concrete. This reduces landfill usage and promotes circular economy principles in construction.

Geo-hazards and Geotechnical Engineering in Construction:

Geo-hazards, such as landslides, earthquakes, and soil liquefaction risks to infrastructure and human safety, particularly in regions with challenging geological conditions. Geotechnical engineering plays a crucial role in mitigating these risks by analyzing soil and rock behavior, ensuring the stability and safety of structures. Advanced techniques, including slope stabilization methods, seismic-resistant foundation designs, and geosynthetic reinforcements, are being employed to enhance resilience. Technologies like ground-penetrating radar, 3D geospatial mapping, and real-time monitoring systems are increasingly utilized to assess and manage geo-hazard risks effectively. These innovations are critical for developing disaster-resilient infrastructure, enabling safer and more sustainable construction practices in vulnerable areas

Fire Safety Engineering

Fire research in construction is critical to enhancing the safety and resilience of buildings and infrastructure. With the increasing complexity of modern construction materials and building designs, understanding how structures behave in the event of a fire is essential. Research focuses on improving fire-resistant materials, developing advanced fire protection systems, and studying the effects of fire on structural integrity. Key areas of investigation include fire dynamics, smoke management, passive fire protection, and the performance of materials under extreme heat. Additionally, fire modeling techniques and the use of simulation tools are helping engineers predict fire behavior more accurately. This research is crucial for designing buildings that not only prevent the spread of fire but also ensure safe evacuation and structural stability during a fire, ultimately saving lives and minimizing damage.

These emerging technologies aim to address the growing demands for sustainability, resilience, and efficiency in the construction industry. By adopting such innovations, the sector can significantly reduce its environmental footprint, improve safety, and enhance the overall quality of built environments.

Question (b)

the steps taken or proposed to be taken by the Ministry, in collaboration/ consultation with National Council for Cement & Building Materials (Ministry of Commerce), the Building Materials and Technology Promotion Council (Ministry of Housing), CSIR-Central Building Research Institute Roorkee, and CSIR-Central Road Research Institute, to develop a proper strategy for smooth assimilation/ adoption of new technologies in the construction industry through a coordinated approach of these entities?

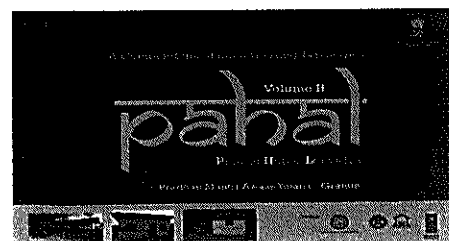
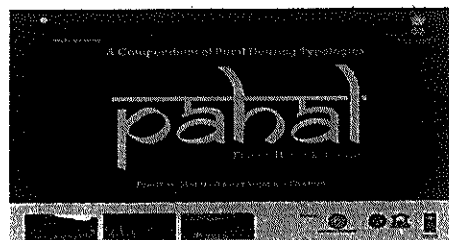
Reply

As India's urban and rural landscapes evolve, the demand for resilient, energy-efficient, and sustainable buildings becomes essential. In this context, the CSIR-Central Building Research Institute (CSIR-CBRI) plays a pivotal role in driving innovation in building science and technology. The institute leverages its expertise to develop durable, cost-effective, and eco-friendly building solutions that meet the needs of modern infrastructure while addressing environmental challenges.

Traditional building materials and methods, though reliable, often fall short in terms of sustainability and adaptability to contemporary requirements. CSIR-CBRI focuses on advancing building technologies and developing materials that enhance structural integrity, thermal insulation, and resource conservation. This approach not only reduces construction costs but also minimizes environmental impact, supporting India's commitment to sustainable development.

The slide showcases some of the key technologies and methodologies pioneered by CSIR-CBRI to improve construction efficiency, durability, and environmental impact. These innovations underscore CSIR-CBRI's commitment to advancing building science and fostering a sustainable, resilient infrastructure for India's future.

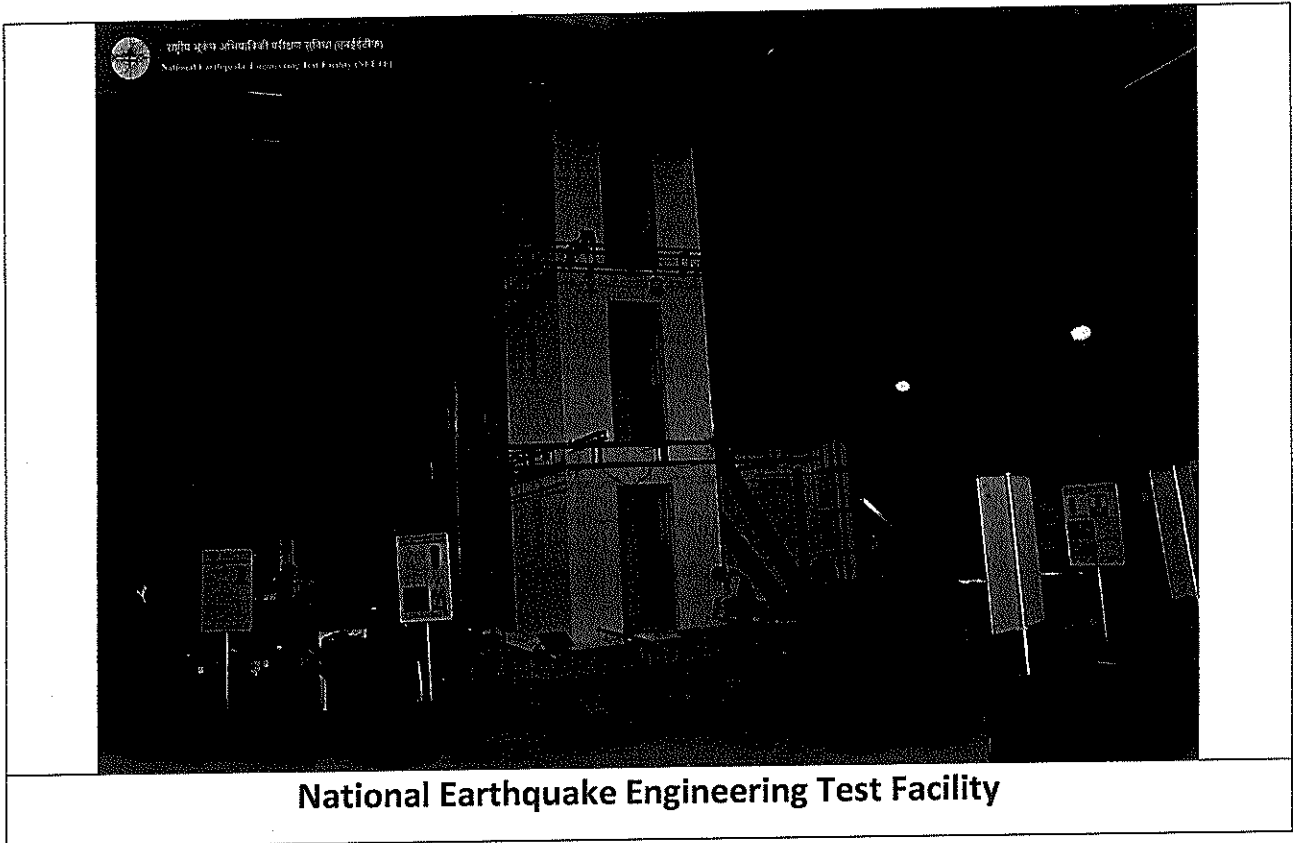
To improve efficiency under the **PMAY-Gramin (Pradhan Mantri Awaas Yojana - Gramin)** scheme, the **Ministry of Rural Development (MoRD)**, in collaboration with **UNDP**, developed rural housing designs customized to various **geo-climatic zones**. The Compendium, '**Pahal**,' showcases these initiatives and recognizes **CSIR-CBRI, Roorkee** for its expertise in cost-effective housing solutions. Guided by MoRD, **CSIR-CBRI** validated these designs to ensure they effectively address local conditions, potential hazards, and beneficiary preferences, ensuring their suitability and acceptance.

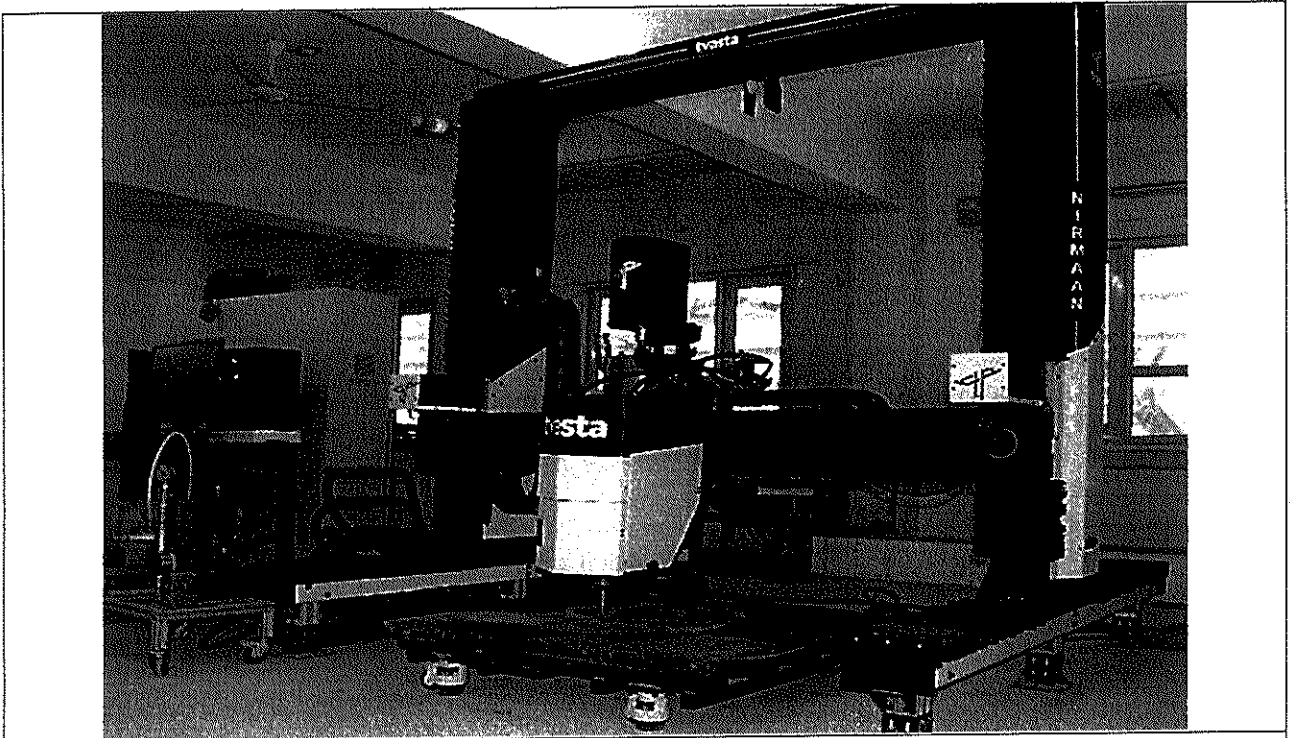


CSIR-CBRI has structured and aligned the following R&D groups:

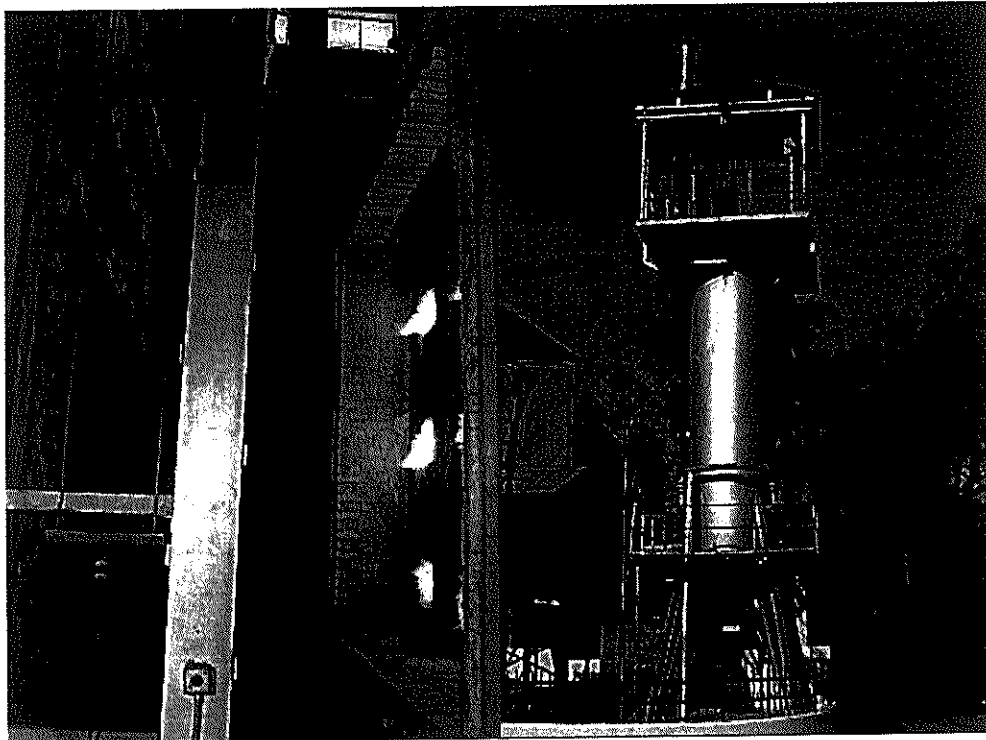
- **Advanced Concrete Steel and Composites (ACSC)**
- **Architecture Planning & Energy Efficiency (APEE)**
- **Building Materials & Environmental Sustainability (BMES)**
- **Construction Automation & Robotics (CAR)**
- **Fire Safety Engineering (FSE)**
- **Geotechnical Engineering & Geo-Hazards (GEGH)**
- **Heritage & Special Structures (HSS)**
- **Structural Engineering (SE)**

Major Infrastructure Facilities





3D Concrete Printing Laboratory



Furnace for Fire Testing

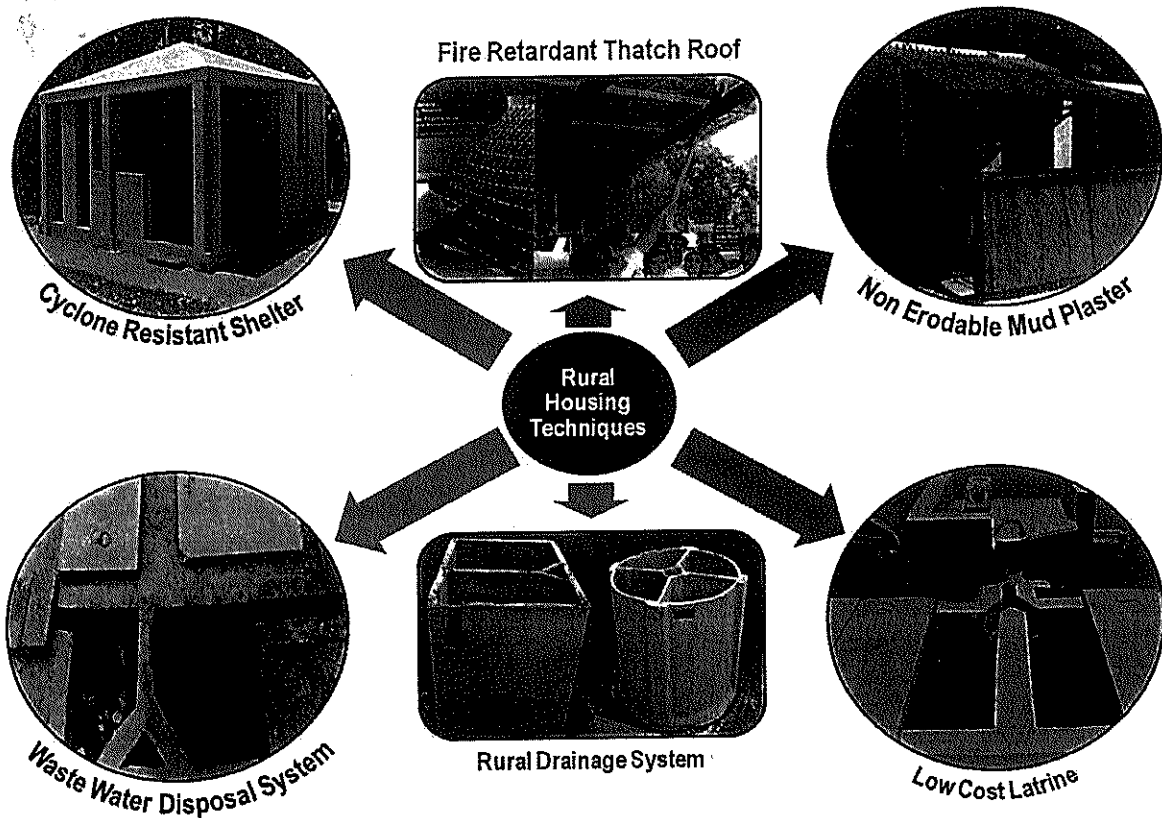
Advanced Construction Technologies



Showcasing the Advanced technologies developed by CSIR-CBRI related to the Building Construction Sector



Rural Housing Technologies



Recently CSIR-CBRI has conducted a Brainstorming Workshop on Towards Developing a National Plan for Climate Change Impacts on Avalanches, GLOF, and Landslides (November 27, 2024)



Major ongoing Projects of CSIR-CBRI

- Development of newer cementitious materials from ladle furnace slag and improvement of ladle furnace slag and electric arc furnace slag for use as aggregates in concrete.
- Post-earthquake Reconstruction of Health Sector Projects in Nepal: Design and Project Management for Reconstruction / Retrofitting of health buildings in earthquake areas of Nepal.
- Archeological and settlement study for Heritage Impact Assessment (HIA) of Proposed Regional Rapid Rail Transit system (RRTC) Delhi -Panipat Corridor in GNCT of Delhi
- Construction of Appropriate PMAY-G Demonstration units and technical guidance to willing beneficiaries for the construction of houses.
- Agro-Industrial Alkali Activated Composite for Prefabricated Building Elements & 3D Volumetric Construction
- Landslide Mapping, monitoring, and early warning using optical imaging drone and geo-integrated rainfall threshold-based models along the National Highway corridor of Bhagirathi Valley, Uttarakhand, India
- Design and Demonstration of Mechanism for the Surya Teelak of Shri Ram Mandir at Ayodhya
- Technical Advice and Review of Structural Drawings of Heliport Building at Kedarnath
- S&T Interventions for buildings, Area Development and Landscaping Work at NTPC-Tapovan Vishnugad Hydro Electric Project
- Structural Condition Assessment of 119 Residential Buildings of Panipat Thermal Power Station Colony Panipat Haryana
- Design Checking for 120 feet Timber Flagpost at Rashtrapati Nilayam, Hyderabad
- Structural Stability Study of Retreat Building, Mashobra, Shimla
- Structure Safety and Assessment and Suggestions of Rehabilitation Measures for Police Colony Paharganj, New Delhi
- Vetting of the Structural and ground improvement measures for the distressed passenger cum station building in Nischintapur Yard, Akhaura, Agartala
- Fire Safety Audit of PGIMER, Chandigarh
- Structural Audit Of 05 Cooling Tower at ONGC Hazira Plant, Surat
- Building Safety Assessment of 20 Distressed Building in Mussoorie, Dehradun
- Structural Safety Audit of 34 nos. Eklavya Model Residential Schools (EMRSs)
- Risk Assessment of Towns in Indian Himalayan Region: Uttarakhand and Himachal Pradesh
- Method for Preparing Earthquake Risk Scenarios in States and Uts of India
- Health Assessment & Remedial Measures for G+5 Super-Specialty Block of S.P Medical College in Bikaner, Rajasthan
- Mitigation, Recovery & Reconstruction of Subsidence Zone in Joshimath-A. Safety Assessment of Building B. Planning & Design of Prefabricated Buildings

BMTPC is mandated to promote activities related to Building Materials & Construction Technologies, Disaster Mitigation and Management, Capacity Building & Skill Development and Project Management & Consultancy. To bridge the gap between Research and Development (R&D) and large-scale application of new building material technologies, the erstwhile Ministry of Urban Development, Government of India, established the BMTPC in July 1990.

NCCBM (National Council for Cement and Building Materials), then Cement Research Institute of India (CRI), was founded on 24th December 1962 with the objective to promote research and scientific work connected with cement and building materials trade and industry. It focuses on developing standardization, regulating, and ensuring the quality of construction materials. The quality and efficiency of construction materials by conducting research, tests, and certification have been ensured by NCCBM. It has four distinct R&D Centres on Cement Research and Independent Testing (CRT), Mining, Environment, Plant Engineering and Operations (CME), Construction Development and Research (CDR) and Quality Management, Standards & Calibration Services (CQC).

CSIR-CRRI, Central Road Research Institute, is engaged in carrying out research and development projects on design, construction and maintenance of roads and runways, traffic and transportation planning of mega and medium cities, management of roads in different terrains, improvement of marginal materials, utilization of industrial waste in road construction, landslide control, ground improvements environmental pollution, road traffic safety and analysis & design, wind, fatigue, corrosion studies, performance monitoring/evaluation, service life assessment and rehabilitation of highway & railway bridges. The institute provides technical and consultancy services to various user organizations in India and abroad.

Research and development initiatives are being supported to advance construction technologies and materials through CSIR institutions like CBRI and CRRI, alongside promoting pilot projects to assess their feasibility and scalability. Capacity building and skill development programs are being conducted to train professionals and workers, with centers of excellence established to provide technical expertise. Collaborative efforts with BMTPC focus on developing guidelines and policies that incentivize the use of sustainable and advanced materials. Technology dissemination platforms, such as workshops, conferences, and online repositories, are being organized to share knowledge on innovative practices. Public-private partnerships are also encouraged to foster collaborative adoption of these technologies. By leveraging these efforts and fostering collaboration, the aim is to create a robust framework for integrating advanced technologies into the construction sector, promoting efficiency, sustainability, and resilience.

These organizations are closely collaborating and complementing each other in executing various national initiatives, particularly in the construction sector, by adopting an industry-academia-research partnership model that benefits the entire country. Scientists and engineers from these institutions actively contribute to one another through their involvement in scientific committees, workshops, seminars, conferences, and other professional forums. The collective outcomes from these efforts are making significant contributions to the development and growth of the construction industry in the country.

<headpme@nplindia.org>, "Ritu Srivastava" <ritu@nplindia.res.in>, "Dr. K. Sathish Kumar" <ksk@serc.res.in>, "Administrative Officer SERC" <admoff@serc.res.in>, "Prafulla S. Malwadkar" <prafulla@urdip.res.in>, "Anil Kumar Scientist CSIR HQ New Delhi" <akumar@csir.res.in>, "Anirban Pal" <a.pal@cimap.res.in>

Sent: Tuesday, February 4, 2025 2:39:34 PM

Subject: Most Urgent: Seeking Inputs for Rajya Sabha Provisionally Admitted Unstarred Parliament Question Diary No. U1914 regarding "Indigenous Technology Development and Global Competitiveness"-reg.

Most Urgent

Parliament Matter

Dear Sir/Madam,

In connection with the Rajya Sabha Provisionally Admitted Unstarred Parliament Question Diary No. U1914 regarding "**Indigenous Technology Development and Global Competitiveness**" as given in the trailing email, we request you to please provide inputs of your esteemed laboratory by **February 05, 2025**.

With regards / सादर

Mayank / मयंक

Mayank Mathur / मयंक माथुर

Chief Scientist / मुख्य वैज्ञानिक

Central Planning Directorate / केन्द्रीय योजना निदेशालय

Council of Scientific & Industrial Research (CSIR)

वैज्ञानिक और औद्योगिक अनुसंधान परिषद (सीएसआईआर)

Ministry of Science & Technology / विज्ञान और प्रौद्योगिकी मंत्रालय

Anusandhan Bhawan, 2, Rafi Marg / अनुसन्धान भवन, 2, रफी मार्ग

New Delhi / नई दिल्ली - 110 001

Phone / दूरभाष – 011-23710311

From: "Secretary DSIR" <secy-dsir@gov.in>

To: "Head CPD" <headcpd@csir.res.in>, "Chhering Tobden, Sr.DS PD" <dspdcsir@csir.res.in>, "Mahendra Kumar Gupta" <jsa@csir.res.in>, "Parliament Cell" <parl@csir.res.in>

Sent: Monday, February 3, 2025 4:08:58 PM

Subject: Fwd: Rajya Sabha Provisionally Admitted Unstarred Parliament Question Diary No. U1914 due for answer on 13.02.2025 regarding "Indigenous Technology Development and Global Competitiveness".

From: "shardul dst" <shardul.dst@gov.in>

To: "Secretary DSIR" <secy-dsir@nic.in>

Cc: "Praveen Roy" <praveen.roy@nic.in>

Sent: Monday, February 3, 2025 4:07:42 PM

Subject: Fwd: Rajya Sabha Provisionally Admitted Unstarred Parliament Question Diary No. U1914 due for answer on 13.02.2025 regarding "Indigenous Technology Development and Global Competitiveness".

Dear ma'am

Reference is for the Rajya Sabha Provisionally Admitted Unstarred Parliament Question Diary No. U1914 due for answer on 13.02.2025 regarding "Indigenous Technology Development and Global Competitiveness".

Inputs are requested from your department for the Parliament Question. The text of the Parliament Question is provided below:

Answer on the Ministry Department -- Science and Technology(S&T)

"Indigenous Technology Development and Global Competitiveness"

Will the Minister of Science and Technology be pleased to state:

- a. **The specific metrics used by the Ministry to assess the global competitiveness of indigenous technologies developed under the "Indigenous Technologies for Viksit Bharat" initiative launched in 2024;**
- b. **The number of indigenous technologies that have been successfully commercialised in international markets since the initiative's inception;**
- c. **The strategies implemented to overcome the challenges in scaling these technologies for global markets;**
- d. **The extent of collaboration with international research institutions to enhance the quality and applicability of indigenous technologies.**

Rajya Sabha Provisionally Admitted Unstarred Parliament Question Diary No. U1914 regarding "Indigenous Technology Development and Global Competitiveness"

Answer on the Ministry Department - Science and Technology (S&T)

"Indigenous Technology Development and Global Competitiveness"

Will the Minister of Science and Technology be pleased to state:

- a. The specific metrics used by the Ministry to assess the global competitiveness of indigenous technologies developed under the "Indigenous Technologies for Viksit Bharat" initiative launched in 2024;

Not applicable

- b. The number of indigenous technologies that have been successfully commercialised in international markets since the initiative's inception;

NIL

- c. The strategies implemented to overcome the challenges in scaling these technologies for global markets;

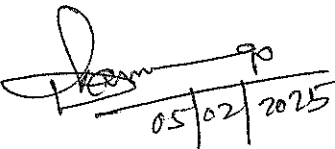
NIL

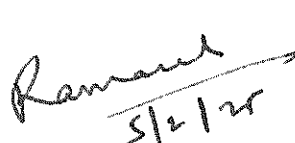
- d. The extent of collaboration with international research institutions to enhance the quality and applicability of indigenous technologies.

NIL

The reply of the parliament question is submitted for your perusal.

✓ Inset for Saini
5/2/25

Head, RPBD

05/02/2025

DIRECTOR

5/2/25

SS(P)

for onward transmission to CSIR HQ.

✓ Inset for Saini



सी.एस.आई.आर-केन्द्रीय भवन अनुसंधान संस्थान, रूड़की
CSIR-CENTRAL BUILDING RESEARCH INSTITUTE
(A constituent Establishment of CSIR)
ROORKEE - 247 667, UTTARAKHAND.

No.76(29)/2025-R&A

Date : 05.02.2025

To,
The Joint Secretary (Admin.)
Council of Scientific & Industrial Research
Anusandhan Bhawan,
2 Rafi Marg,
New Delhi - 110001

Kind attention : Dr. Mayank Mathur, Chief Scientist, CPD

विषय Sub. : Most Urgent: Seeking Inputs for Rajya Sabha Proyisionally admitted Unstarred Parliament Question Diary No. U1914 regarding "Indigenous Technology Develpoment and Global Competitiveness" -reg.

Sir,

With reference to your email dated 04.02.2025 on the subject cited above, I am directed to forward the requisite information in respect of this Institute as under:-

Sl. No	Question	Answer
a.	The specific metrics used by the Ministry to assess the Global Competitiveness of indigenous technologies developed under the "Indigenous Technologies for Viksit Bharat" initiative launched in 2024;	Not applicable.
b.	The number of indigenous technologies that have been successfully commercialized in international markets since the initiative's inception;	Nil.
c.	The strategies implemented to overcome the challenges in scaling these technologies for global markets;	Nil.
d.	The extent of collaboration with international research institutions to enhance the quality and applicability of indigenous technologies.	Nil.

भवदीया Yours faithfully,

(कुमुद सिंह)
प्रशासन नियंत्रक

CIMFR, Dhanbad" <director@cimfr.nic.in>, "Director NIO" <director@nio.org>, "Dr. Prakash Kumar" <director@ngri.res.in>, "Director CSMCRI" <director@csmcri.res.in>, "DIRECTOR NEERI" <director@neeri.res.in>

Sent: Thursday, March 6, 2025 1:00:56 PM

Subject: Most Urgent: Parliament Matter-Inputs requested on Lok Sabha Provisionally Admitted Unstarred Parliament Question Diary No. U8416 due for answer on 19.03.2025 regarding "Carbon Capture, Utilization and Storage (CCUS) Projects"

Dear All,

There is an urgent parliament query on CCUS

Kindly respond to the following queries.

(c) the amount of carbon captured till date from the supported projects, classified project-wise and year-wise;

(d) the details regarding the number of CCUS related Research and Development (R&D) projects undertaken by the Government in collaboration with other countries along with the technologies developed or undergoing development;

The response is required by today at 5:00 pm on an urgent basis.

Kindly provide the response in the following link:

<https://1drv.ms/x/s!AtdKf-IJKyAyjt0wUR7epfB2slhAYw?e=h4r9oQ>

U8416 -DST.xlsx

The excel sheet is prefilled with partial info

with best regards
-mahesh

From: "neelima.alam" <neelima.alam@nic.in>

To: "Dr. Mahesh Kumar" <mkumar@csir.res.in>

Cc: "Sanjai Kumar" <sanjai.k@gov.in>, "Suresh Babu" <sureshbabu.muttana@gov.in>, "Dr. Anita Gupta" <anigupta@nic.in>

Sent: Thursday, March 6, 2025 11:09:43 AM

Subject: Most Urgent: Parliament Matter-Inputs requested on Lok Sabha Provisionally Admitted Unstarred Parliament Question Diary No. U8416 due for answer on 19.03.2025 regarding "Carbon Capture, Utilization and Storage (CCUS) Projects" received by DST.

Dear Dr. Mahesh Kumar Sharma,

In reference to the **Lok Sabha Provisionally Admitted Unstarred Parliament Question Diary No. U8416 due for answer on 19.03.2025 regarding "Carbon Capture, Utilization and Storage (CCUS) Projects" received by DST.**

We request you to kindly provide inputs with respect to various parts of PQ positively by **tomorrow noon i.e. 7th March 2025**.

The Question is reproduced for your reference as below:

- (a) the details regarding the total number of Carbon Capture, Utilization and Storage (CCUS) projects supported by the Government till date under Mission Innovation Challenge on CCUS, classified , along with their expected date of completion, location-wise, year-wise, activity and sector-wise;
- (b) the details regarding the funds allocated and disbursed by the Government for said projects, classified project-wise and year-wise;
- (c) the amount of carbon captured till date from the supported projects, classified project-wise and year-wise;
- (d) the details regarding the number of CCUS related Research and Development (R&D) projects undertaken by the Government in collaboration with other countries along with the technologies developed or undergoing development;
- (e) whether the Government is accepting proposals for new CCUS projects under the said mission; and
- (f) if so, the details thereof?

On behalf of Council of Scientific and Industrial Research (CSIR), we request you to kindly provide inputs on above by **tomorrow noon i.e. 7th March 2025**.

Thanking you,

Neelima,

डॉ। नीलिमा आलम | Dr. Neelima Alam

वैज्ञानिक ' एफ ' / सह प्रमुख 1 | Scientist 'F'/ Associate Head 1

जलवायु, ऊर्जा व सतत् तकनीक | Climate, Energy and Sustainable Technology (CEST)

विज्ञान और प्रौद्योगिकी विभाग | Department of Science and Technology

विज्ञान और प्रौद्योगिकी मंत्रालय | Ministry of Science and Technology

न्यू महरौली रोड, नई दिल्ली- 110016 | New Mehrauli Road, New Delhi- 110016

फोन (Phone) : +91-011-26590467 , email : neelima.alam@nic.in

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Dr. MAHESH KUMAR/ डॉ० महेश कुमार
Senior Principal Scientist/वरिष्ठ प्रधान वैज्ञानिक

Prof. AcSIR/ प्राध्यापक AcSIR

Innovation Management Directorate/नवाचार प्रबंधन निदेशालय

Council of Scientific & Industrial Research (CSIR)/वैज्ञानिक और औद्योगिक अनुसंधान परिषद (सीएसआईआर)

Ministry of Science & Technology/विज्ञान और प्रौद्योगिकी मंत्रालय

Anusandhan Bhawan, 2, Rafi Marg/अनुसन्धान भवन, 2, रफी मार्ग

New Delhi - 110 001/नई दिल्ली - 110 001

Phone: 011 - 2347 0326 /फोन: 011 - 2347 0326

Phone: 011 - 2371 5258 /फोन: 011 - 23715258