GOVERNMENT OF INDIA
MINISTRY OF EDUCATION
DEPARTMENT OF HIGHER EDUCATION

LOK SABHA
UNSTARRED QUESTION NO. 1058
TO BE ANSWERED ON 08.02.2021

Ph.D. Programme

1058. SHRI S. VENKATESAN:

Will the Minister of **Education** be pleased to state:

(a) the total number of students admitted in Ph.D. Programmes of each Indian Institute of Technology (IIT) along with their SC/ST/OBC/EWS composition during 2020; and

(b) provide the department-wise distribution also for the category-wise Ph.D. admission data of each IIT?

ANSWER

MINISTER OF EDUCATION
(SHRI RAMESH POKHRIYAL 'NISHANK')

(a) & (b) : The total number of students admitted during 2020 in Ph.D. Programmes of each Indian Institute of Technology (IIT), along with their SC/ST/OBC/EWS composition and their department-wise distribution, is annexed.

*****

ANNEXURE REFERRED TO IN PART (a) AND (b) OF THE REPLY TO THE LOK SABHA UNSTARRED QUESTION NO. 1058 TO BE ANSWERED ON 08.02.2021 ASKED BY SHRI S. VENKATESAN, HON'BLE MEMBER OF PARLIAMENT, REGARDING 'Ph.D. PROGRAMME'

S. No.	Name of the Institute	Name of the Department	Number of Students admitted in Ph.D Programmes during 2020				
			Total	Out of which			
				SC	ST	OBC	EWS
1	IIT Kharagpur	Department of Aerospace Engineering	29	1	1	12	1
		Department of Agricultural and Food Engineering	43	6	0	14	0
		Centre for Artificial Intelligence	22	3	0	2	0
		Department of Architecture and Regional Planning	18	3	2	5	0
		Advanced Technology Development Centre	16	1	0	1	1
		P K Sinha Centre For Bioenergy	1	0	0	0	0
		Vinod Gupta School of Management	33	7	1	6	1
		School of Bio Science	9	1	0	0	1
		Department of Biotechnology	13	1	0	2	0
		Centre for Computational and Data Sciences	6	0	0	0	0
		Department of Civil Engineering	30	2	1	12	1
		Department of Chemical Engineering	42	6	0	13	1
		Centre for Oceans, Rivers, Atmosphere and Land Science	25	1	0	3	1
		Cryogenic Engineering Centre	5	0	0	2	0
		Department of Computer Science and Engineering	44	3	1	5	1
		Department of Chemistry	63	5	1	14	6
		Deysarkar Centre for Excellence in Petroleum Engineering	1	0	0	0	0
		Department of Electronics and Electrical Communication Engineering	30	6	1	10	2
		Department of Electrical Engineering	22	5	1	5	0
		School of Environmental Science and Engineering	19	1	0	3	1
		School of Energy Science and Engineering	13	2	1	5	0
		Centre for Educational Technology	6	1	0	2	0
		Department of Geology and Geophysics	37	6	0	10	6
		G.S. Sanyal School of	3	1	0	1	0

S. No.	Name of the Institute	Name of the Department	Number of Students admitted in Ph.D Programmes during 2020				
			Total	Out of which			
				SC	ST	OBC	EWS
		Telecommunication					
		Department of Humanities and Social Sciences	60	5	4	17	4
		Ranbir and Chitra Gupta School of Infrastructure Design and Management	4	0	0	0	0
		Department of Industrial and Systems Engineering	11	1	0	1	2
		Rajiv Gandhi School of Intellectual Property Law	8	0	0	0	0
		Department of Mathematics	19	2	2	5	2
		Department of Mechanical Engineering	42	3	1	4	0
		Department of Mining Engineering	29	3	2	10	0
		School of Medical Science and Technology	25	4	0	1	0
		Materials Science Centre	13	0	0	3	0
		Department of Metallurgical and Materials Engineering	43	6	0	9	1
		Department of Ocean Engineering and Naval Architecture	10	0	0	3	0
		School of Nano Science and Technology	11	0	0	2	1
		Department of Physics	27	1	2	5	3
		Rural Development Centre	4	1	0	2	1
		Subir Chowdhury School of Quality and Reliability	9	0	0	1	1
		Rajendra Mishra School of Engineering Entrepreneurship	19	0	1	4	1
		Rubber Technology Centre	8	0	0	2	0
		Rekhi Centre of Excellence for the Science of Happiness	12	0	0	3	1
		Centre for Theoretical Studies	2	1	0	0	1
		School of Water Resources	15	0	0	4	1
2	IIT Bombay	Aerospace Engineering (AE)	21	2	1	1	6
		Bioscience & Bioengineering (BB)	30	0	3	1	4
		Chemical Engineering (CL)	36	0	5	2	7
		Chemistry (CH)	77	7	5	2	22
		Civil Engineering (CE)	40	3	3	3	9
		Climate Studies (CM)	20	3	3	0	3
		Computer Science & Engineering (CS)	14	0	0	0	2
		Industrial Design Centre (ID)	2	0	1	0	0
		Earth Science (ES)	17	1	4	0	3

S. No.	Name of the Institute	Name of the Department	Total	SC	ST	OBC	EWS
			Number of Students admitted in Ph.D Programmes during 2020				
				Out of which			
		Educational Technology (ET)	10	0	1	0	4
		Electrical Engineering (EE)	54	5	8	2	15
		Energy Science & Engineering (EN)	28	1	2	0	9
		Environmental Science & Engineering (ESED)	17	3	2	0	5
		Centre of Studies in Resources Engineering (GNR)	11	0	0	0	1
		Humanities & Social Sciences (HSS)	34	0	3	2	10
		Industrial Engineering & Operations Research (IO)	7	0	0	0	2
		Management (MG)(Shailesh J. Mehta School of Management)	26	0	1	0	4
		Mathematics (MA)	18	0	2	0	5
		Mechanical Engineering (ME)	49	4	7	2	10
		Metallurgical Engineering & Materials Science (MM)	39	0	8	1	16
		Centre for Research in Nanotechnology & Science (NT)	18	0	3	1	6
		Physics (PH)	15	0	1	0	5
		Systems & Control Engineering (SC)	2	0	0	0	0
		Centre for Technology Alternatives for Rural Areas (TD)	13	1	1	0	1
		Centre for Urban Science & Engineering (CUSE)	6	0	0	0	1
		Centre for Policy Studies (PS)	15	0	2	0	2
3	IIT Madras	Aerospace Engg.	37	3	0	9	1
		Applied Mechanics	33	0	3	8	1
		Biotechnology	30	2	0	7	4
		Chemical Engineering	26	4	1	5	2
		Civil Engineering	65	6	1	17	4
		Chemistry	53	6	0	14	4
		Computer Science &Engg.	22	2	1	4	0
		Electrical Engineering	50	0	1	10	1
		Engineering Design	15	2	1	5	0
		Humanities	29	1	1	7	0
		Mathematics	11	1	0	2	0
		Mechanical Engineering	27	1	0	5	3
		Metallugical and Materials Engg.	26	3	1	7	0
		Management Studies	23	2	1	3	3
		Oecan Engineering	17	3	1	7	0
		Physics	46	12	1	20	3
4	IIT Kanpur	Aerospace Engineering	31	4	0	9	3
		Biological Sciences and Bioengineering	35	1	0	4	2

S. No.	Name of the Institute	Name of the Department	Number of Students admitted in Ph.D Programmes during 2020				
			Total	Out of which			
				SC	ST	OBC	EWS
		Chemical Engineering	20	2	1	7	1
		Chemistry	75	12	4	20	8
		Civil Engineering	55	6	0	15	4
		Cognitive Science	6	0	0	0	0
		Computer Science & Engineering	27	1	0	2	0
		Design Programme	15	1	0	3	1
		Earth Sciences	21	4	0	6	2
		Economics	16	2	0	6	3
		Electrical Engineering	68	11	0	17	3
		Humanities and Social Sciences	21	1	1	7	2
		Industrial and Management Engineering	26	4	0	5	3
		Materials Science & Engineering	39	3	1	13	1
		Materials Science Programme	7	1	0	4	1
		Mathematics and Statistics	19	3	0	2	2
		Mechanical Engineering	43	6	1	16	3
		Photonics Science and Engineering	4	0	0	0	0
		Physics	31	5	0	8	4
		M.Sc. – Ph.D (Dual Degree) (Physics)	16	2	0	1	0
5	IIT Delhi	Applied Mechanics	35	2	1	10	3
		Bharti School of Telecommunication Tech & Mgmt.	16	0	0	2	1
		Biochemical Engineering & Biotechnology	21	1	1	7	0
		Center for Sensors,Instrumentation and Cyber-Physical System Engineering (SENSE)	10	0	0	4	0
		Centre for Applied Research in Electronics	21	0	0	3	1
		Centre for Atmospheric Sci.	21	1	0	2	0
		Centre for Automotive Research and Tribology	7	0	1	0	0
		Centre for Bio-Med. Engg.	18	0	0	4	0
		Centre for Energy Studies	28	0	1	10	1
		Centre for Rural Dev. & Tech.	20	3	0	5	1
		Chemical Engineering	55	7	1	9	4
		Chemistry	60	3	1	11	12
		Civil Engineering	59	5	0	6	5
		Computer Science & Engineering	10	0	0	2	0
		Department of Design	12	0	0	2	0
		Electrical Engineering	73	3	1	12	2
		Humanities & Social Sciences	55	9	6	4	4
		Management Studies	45	4	0	4	1
		Materials Science & Engineering	35	1	2	10	4

S. No.	Name of the Institute	Name of the Department	Number of Students admitted in Ph.D Programmes during 2020				
			Total	Out of which			
				SC	ST	OBC	EWS
		Mathematics	19	0	0	6	2
		Mechanical Engineering	48	7	3	9	1
		National Resource Centre - Value Education in Engg	2	0	0	0	0
		Physics	48	6	1	11	4
		School of Artificial Intelligence	2	0	0	0	0
		School of Biological Sciences	27	1	0	2	5
		School of Information Technology (Amar Nath & S K)	14	0	0	3	0
		School of Interdisciplinary Research	36	0	0	5	1
		School of Public Policy	5	0	0	0	0
		Textile & Fibre Engineering	28	3	2	5	0
		Transportation Res. & Injury Prevention Programme	2	0	0	1	0
		University of QueensLand Joint Programme	18	1	0	3	0
6	IIT Guwahati	Biosciences and Bio Engineering	39	6	3	8	1
		Chemical Engineering	35	6	3	13	2
		Chemistry	48	8	3	12	6
		Civil Engineering	47	5	2	13	4
		Computer Science and Engineering	25	1	0	4	1
		Design	17	2	2	2	1
		Electronics and Electical Engineering	50	3	1	19	3
		Humanities and Social Sciences	30	2	5	5	6
		Mathematics	30	0	0	7	2
		Mechanical Engineering	61	8	2	12	7
		Physics	60	8	4	16	7
		Centre for Energy	12	4	1	3	1
		Centre for Environment	11	1	0	1	0
		Centre for Nano Technology	9	3	0	2	0
		Centre for Linguistic Science and Technology	7	0	2	1	2
		Centre for Rural Technology	9	1	1	2	0
		Interdisciplinary	8	1	0	0	0
7	IIT Roorkee	Hydro and Renewable Energy	13	3	1	3	3
		Arch & Plng	17	0	5	5	6
		Biotechnology	48	12	7	18	10
		C-Trans	4	1	0	0	2
		Dis. Mit. &Magnt	6	0	0	3	2
		Nanotechnology	7	0	1	3	2
		Chemical Engg	23	1	3	0	9
		Chemistry	63	9	8	19	11
		Civil Engg	71	13	9	21	20
		Computer Sc. & Engg	33	7	5	10	6

S. No.	Name of the Institute	Name of the Department	Number of Students admitted in Ph.D Programmes during 2020				
			Total	Out of which			
				SC	ST	OBC	EWS
		Earth Sciences	41	8	7	16	9
		Earthquake Engg	18	6	1	4	6
		Electrical Engg	42	11	9	9	12
		Electronics & Communication Engg.	57	12	8	16	9
		Hum &Soc. Sciences	14	3	2	2	5
		Hydrology	11	3	2	3	2
		Inst. Instr. Centre	3	1	0	1	0
		Management Studies	27	5	5	10	5
		Mathematics	61	7	8	15	8
		Mech&Indl Engg	50	6	6	10	17
		Met & Mat Engg	41	5	7	9	10
		Physics	58	15	10	11	11
		Water Resource Development & Management	12	4	2	0	2
		Applied Sc. & Engg	13	4	2	3	3
		Paper Technology	19	3	3	8	4
		Polymer & Process Engg	30	4	6	10	9
8	IIT Gandhinagar	Biological Engineering	8	0	0	1	0
		Civil Engineering	6	0	0	1	0
		Cognitive Science	2	1	0	0	0
		Chemistry	9	1	0	2	1
		Chemical Engineering	6	0	0	0	0
		Computer Science and Engineering	3	1	0	0	0
		Electrical Engineering	14	1	0	2	0
		Earth Science	12	1	0	1	4
		Humanities and Social Sciences	7	1	0	1	0
		Mathematics	12	2	0	3	1
		Mechanical Engineering	12	2	0	3	1
		Materials Engineering	10	0	0	0	0
		Physics	23	1	0	5	1
9	IIT Bhubaneswar	School of Basic Sciences (BIO Science)	3	0	0	0	0
		School of Basic Sciences (Chemistry)	7	1	0	2	1
		School of Basic Sciences (Mathematics)	7	2	0	1	1
		School of Basic Sciences (Physics)	15	0	0	4	1
		School of Earth Ocean and Climate Sciences	10	0	0	5	0
		School of Electrical Sciences (Computer Science and Engineering)	3	1	0	1	0
		School of Electrical Sciences (Electrical Engineering)	6	1	0	1	0
		School of Electrical Sciences (Electronics and Communication Engineering)	11	1	0	7	0

S. No.	Name of the Institute	Name of the Department	Total	SC	ST	OBC	EWS
		School of Humanities, Social Sciences and Management (Economics)	5	0	1	1	0
		School of Humanities, Social Sciences and Management (English)	1	0	0	0	0
		School of Humanities, Social Sciences and Management (Psychology)	0	0	0	0	0
		School of Infrastructure	15	0	0	4	0
		School of Mechanical Sciences	9	1	0	3	0
		School of Minerals, Metallurgical and Materials Engineering	11	1	0	5	0
10	IIT Hyderabad	Artificial Intelligence	22	0	0	6	0
		Biomedical Engineering	43	6	3	11	2
		Biotechnology	18	2	0	8	2
		Civil Engineering	30	7	0	11	1
		Chemical Engineering	23	3	1	8	0
		Computer Science & Engineering	20	0	0	3	0
		Chemistry	34	5	0	14	3
		Design	7	1	0	0	0
		Electrical Engineering	41	3	0	9	2
		Entrepreneurship & Management	3	0	0	0	0
		Liberal Arts	18	2	0	0	0
		Mathematics	15	0	0	0	0
		Mechanical & Aerospace Engineering	27	3	1	9	2
		Materials Science & Metallurgical Engineering	19	4	1	4	1
		Physics	36	4	1	16	2
11	IIT Jodhpur	Inter-disciplinary Research Platform (IDRP)*	28	1	1	1	1
		Bioscience and Bioengineering	38	1	1	10	3
		Chemical Engineering	2	1	0	0	0
		Computer Science and Engineering	27	1	0	2	1
		Chemistry	40	3	0	12	2
		Electrical Engineering	73	8	3	19	1
		Humanities and Social Sciences	25	3	1	5	0
		Mathematics	30	1	0	11	5
		Mechanical Engineering	63	5	1	17	4
		Metallurgical and Materials Engineering	12	0	0	6	0
		Physics	61	5	2	20	4
		Management and Entrepreneurship	9	0	0	1	0
		Medical Technologies	10	0	0	2	0
12	IIT Ropar	Deptt. of Biomedical Engg.	12	1	0	2	0
		Deptt. of Computer Science & Engg	20	2	0	1	1
		Deptt. of Civil Engineering	13	0	0	5	0

S. No.	Name of the Institute	Name of the Department	Number of Students admitted in Ph.D Programmes during 2020				
			Total	Out of which			
				SC	ST	OBC	EWS
		Deptt. of Chemistry	26	2	0	6	4
		Deptt. of Chemical Engineering	15	1	0	2	0
		Deptt. of Metallurgical & Materials Engg	13	1	0	1	0
		Deptt. of Electrical Engineering	27	1	0	4	3
		Deptt. of Humanities & Social Sciences	13	1	0	1	0
		Deptt. of Mechanical Engineering	16	1	0	4	0
		Deptt. of Mathematics	15	0	0	3	1
		Deptt. of Physics	16	2	0	4	3
13	IIT Patna	Mechanical Engineering	31	2	1	8	0
		Chemical and Biochemical Engineering	15	2	0	6	0
		Chemistry	12	1	0	5	1
		Civil & Environmental Engg.	30	1	0	8	3
		Computer Science & Engg	41	2	0	11	1
		Electrical Engineering	33	4	0	14	2
		Humanities & Social Sciences	21	2	2	7	2
		Mathematics	22	2	0	7	3
		Metallurgical and Materials Engineering	11	3	0	3	0
		Physics	23	2	0	9	4
14	IIT Indore	Astronomy, Astrophysics and Space Engineering	2	0	0	0	0
		Biosciences and Biomedical Engineering	15	3	1	3	2
		Chemistry	10	2	1	5	1
		Civil Engineering	6	0	0	1	1
		Computer Science & Engineering	8	0	0	1	0
		Electrical Engineering	6	0	0	2	0
		Humanities & Social Sciences	8	0	0	4	0
		Mathematics	15	1	0	6	1
		Mechanical Engineering	10	0	0	0	0
		Metallurgy Engineering and Materials Science	5	0	0	0	1
		Physics	21	0	0	9	2
15	IIT Mandi	School of Computing & Electrical Engineering	10	0	0	2	1
		School of Engineering	8	1	0	1	0
		School of Basic Sciences	13	2	0	2	2
		School of Humanities & Social Sciences	1	0	1	0	0
16	IIT BHU, Varanasi	Biochemical Engineering	7	0	0	1	2
		Biomedical Engineering	5	0	0	3	1

S. No.	Name of the Institute	Name of the Department	Number of Students admitted in Ph.D Programmes during 2020				
			Total	Out of which			
				SC	ST	OBC	EWS
		Ceramic Engineering	2	0	0	1	0
		Chemical Engineering	5	1	0	3	0
		Chemistry	5	1	0	1	1
		Civil Engineering	6	0	1	3	0
		Computer Science and Engineering	7	1	0	0	2
		Electrical	10	0	0	3	1
		Electronics Engineering	6	1	0	1	0
		Materials Sci.	23	3	0	7	1
		Mathematical	16	0	0	9	2
		Mechanical	21	2	2	6	3
		Metallurgical	14	3	0	7	1
		Mining	3	0	0	0	0
		Pharmaceutics	10	2	0	3	0
		Physics	17	2	2	5	2
		Humanistic	10	1	0	4	1
17	IIT Tirupati	Chemical Engineering	6	0	0	4	0
		Civil and Envionmental Engineering	26	0	0	9	0
		Computer Science and Engineering	7	1	0	2	0
		Electrical Engineering	27	0	0	7	1
		Mechanical Engineering	32	2	0	11	3
		Chemistry	10	0	0	3	0
		Humanities and Social Sciences	14	1	0	5	1
		Mathematics and Statistics	15	1	0	7	0
		Physics	11	2	0	2	0
18	IIT Palakkad	Chemistry	12	0	0	4	0
		Civil	30	0	0	12	0
		Computer Science and Engineering	22	0	0	6	0
		Electrical Engineering	34	1	0	8	0
		Humanities and Social Sciences	7	0	0	4	0
		Mathematics	5	0	0	1	0
		Mechanical	21	1	0	6	1
		Physics	15	0	0	2	0
19	IIT Jammu	Chemical Engineering	7	1	0	2	0
		Chemistry	12	1	1	2	0
		Civil Engineering	20	1	0	6	1
		Computer Science & Engineering	6	1	0	0	0
		Electrical Engineering	40	2	0	3	3
		Humanities and Social Sciences	11	0	0	0	0
		Mathematics	6	0	0	1	1
		Mechanical Engineering	21	0	1	4	0
		Physics	14	1	1	0	2
20	IIT Bhilai	Chemistry	1	0	1	0	0
		Computer Science and Engineering	3	0	0	0	0

S. No.	Name of the Institute	Name of the Department	Total	SC	ST	OBC	EWS
		Electrical Engineering	1	0	0	0	0
		Liberal Arts	3	0	0	1	1
		Mathematics	3	0	0	0	1
		Mechanical Engineering	3	1	0	0	1
		Physics	3	1	0	0	1
21	IIT Goa	Chemistry	3	1	0	1	1
		Computer Science and Engineering	2	1	0	0	0
		Electrical Engineering	13	3	1	3	1
		Humanities and Social Sciences	1	1	0	0	0
		Mathematics	3	1	0	1	1
		Mechanical Engineering	8	1	0	2	0
		Physics	2	1	0	1	0
22	IIT Dharwad	Biological Sciences & Bio Engg.	5	0	0	3	0
		Chemistry	6	1	0	3	0
		Mathematics	5	1	0	0	0
		Humanities and Social Sciences (HSS)	5	0	0	2	0
		Physics	4	0	1	0	0
		Computer Sc & Engg	7	0	0	1	0
		Electrical Engg	20	3	0	7	0
		Mechanical, Materials and Aerospace Engineering	16	0	0	6	0
23	IIT(ISM) Dhanbad	Applied Geology	8	3	0	3	1
		Applied Geophysics	6	1	0	2	2
		Civil Engg	15	2	0	4	1
		Computer Science & Engg	5	1	0	1	1
		Chemical Engg	6	1	0	3	0
		Chemistry	9	2	1	3	0
		Electrical Engg	7	1	1	2	1
		Electronics Engg	22	5	0	9	4
		Environmental Science & Engg	9	2	1	3	0
		Fuel Mineral & Metallurgical Engg	4	1	1	1	0
		Humanities & Social Sciences	3	0	1	1	1
		Management Studies	6	0	0	1	0
		Mathematics & Computing	8	1	1	3	1
		Mechanical Engg	26	5	2	9	4
		Mining Engg	11	2	2	3	1
		Mining Machinery Engg	9	3	1	2	0
		Petroleum Engg	12	1	0	4	1
		Physics	5	2	0	1	0