

**GOVERNMENT OF INDIA
MINISTRY OF COMMERCE & INDUSTRY
DEPARTMENT OF INDUSTRIAL POLICY & PROMOTION**

RAJYA SABHA

**UNSTARRED QUESTION NO. 61.
TO BE ANSWERED ON WEDNESDAY, THE 18TH JULY, 2018.**

REGISTRATION OF PATENTS

61. SHRI PARIMAL NATHWANI:

Will the Minister of **COMMERCE AND INDUSTRY** be pleased to state:

- (a) how many patents have been registered during the last three years, the State-wise/sector-wise details thereof, in Jharkhand and Gujarat in particular;
- (b) the number and details of patents registered in different countries during the last three years, country-wise;
- (c) the steps Government is planning to make patent registration easier and hassle-free; and
- (d) whether Government is planning to set up innovation centers across the country on the line of iCreate in Gujarat?

ANSWER

**THE MINISTER OF STATE IN THE MINISTRY OF COMMERCE & INDUSTRY
(SHRI C.R. CHAUDHARY)**

(a): The number of patents granted during the last three years is as under:

2015-16	2016-17	2017-18
6326	9847	13045

Based on the address of the patent applicant, the state-wise figures for grant of patents for the last three years are given at Annexure-I.

Based on the field of invention, the figures for grant of patents for last three years are given at Annexure-II.

- (b): The latest figures for country-wise grant of patents, as available on the website of World Intellectual Property Organisation, pertain to the three years 2014, 2015 and 2016 are given at Annexure-III.
- (c): The Government has taken several steps to simplify the procedure for processing of patent applications and make it user-friendly. These steps, inter-alia, include the following:
 - (i) To address the issue of lack of technical manpower for examination and disposal of patent applications, available manpower has been augmented through creation of new posts.

- (ii) Recruitment has been completed for 459 posts of Examiners of Patents and Designs.
- (iii) Further, 84 new posts of Examiners and 95 posts of Controllers have been sanctioned.
- (iv) Patent Rules have been amended and notified on 16.05.2016 to simplify procedures for disposal of patent applications. The salient amendments include:
 - a) Provisions have been included for condonation of delay due to war/natural calamities.
 - b) For the first time, refund of fees in certain cases has been permitted, as also withdrawal of application being permitted without any fees.
 - c) Timelines have been imposed to ensure speedy disposal, while the number of admissible adjournments has been limited.
 - d) Applications can be transferred electronically from any of the Patent Office branches to another, utilizing specialized technical manpower more efficiently.
 - e) Expedited Examination is now permitted on certain grounds.
 - f) Hearing through video conferencing has been permitted.
- (v) IPO website has been updated to make it more interactive, informative, user-friendly and transparent.
- (vi) In order to facilitate the examination work and optimise the speed and quality of examination, number of measures viz., computerised workflow, automation and IT enablement in the functioning has been implemented.

(d): No, Sir.

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF THE RAJYA SABHA UNSTARRED QUESTION NO. 61 FOR ANSWER ON 18.07.2018.

Based on the address of the patent applicant, the state-wise figures for grant of patents for the last three years

STATE NAME	Year of grant		
	2015-16	2016-17	2017-18
Andhra Pradesh	11	66	104
Assam	5	5	6
Bihar	0	1	0
Chandigarh	7	9	8
Chattisgarh	1	0	5
Delhi	196	277	451
Goa	0	1	5
Gujarat	35	50	60
Haryana	18	18	37
Himachal Pradesh	0	1	5
Jharkhand	44	27	90
Karnataka	118	196	143
Kerala	7	14	23
Madhya Pradesh	1	0	9
Maharashtra	313	353	474
Mizoram	0	0	1
Orissa	4	8	13
Pondicherry	0	0	2
Punjab	8	17	25
Rajasthan	7	5	17
Tamil Nadu	52	138	153
Telangana	1	10	11
Uttar Pradesh	34	22	65
Uttarakhand	1	2	7
West Bengal	67	84	158

**ANNEXURE REFERRED TO IN REPLY TO PART (a) OF THE RAJYA SABHA
UNSTARRED QUESTION NO. 61 FOR ANSWER ON 18.07.2018.**

**Based on the field of invention, the figures for grant of patents for last three
years**

Field of Invention	Patents Granted		
	2015-16	2016-17	2017-18
AGRICULTURE ENGINEERING	2	4	24
AGROCHEMICALS	45	97	125
BIO-CHEMISTRY	52	73	142
BIO-MEDICAL ENGINEERING	69	167	145
BIOTECHNOLOGY	185	333	579
CHEMICAL	1683	2673	3284
CIVIL	60	100	121
COMMUNICATION	414	805	983
COMPUTER & Electronics	810	1049	1005
ELECTRICAL	362	579	809
FOOD	32	71	105
GENERAL ENGINEERING	142	228	296
MECHANICAL ENGINEERING	1414	1939	2461
METALLURGY	94	182	422
MICRO BIOLOGY	44	81	108
PHARMACEUTICALS	370	551	732
PHYSICS	175	260	556
POLYMER SCIENCE/TECHNOLOGY	279	562	741
TEXTILE	94	93	179
Others/Miscellaneous			228
	6326	9847	13045

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF THE RAJYA SABHA UNSTARRED QUESTION NO. 61 FOR ANSWER ON 18.07.2018.

Data for grant of country-wise patents available on the website of World Intellectual Property Organisation pertaining to last three years.

Sl.No.	Office	2014	2015	2016
1	Albania	5	10	5
2	Algeria	0	353	383
3	Argentina	1360	1559	1879
4	Armenia	108	81	93
5	Australia	19304	23098	23744
6	Austria	962	1356	1135
7	Azerbaijan	97	88	131
8	Bahamas	238	192	47
9	Bangladesh	121	0	0
10	Barbados	3	10	26
11	Belarus	1938	902	949
12	Belgium	373	567	1620
13	Belize	28	8	4
14	Bolivia (Plurinational State of)	97	0	86
15	Bosnia and Herzegovina	5	0	12
16	Botswana	0	0	1
17	Brazil	2749	3411	4195
18	Brunei Darussalam	0	0	0
19	Bulgaria	72	37	42
20	Cambodia	0	1	0
21	Canada	23749	22201	26424
22	Chile	1168	1058	2077
23	China	233228	359316	404208
24	China, Hong Kong SAR	5932	5963	5698
25	China, Macao SAR	16	36	57
26	Colombia	1212	1003	917
27	Costa Rica	114	130	67
28	Croatia	90	45	35
29	Cuba	94	0	93
30	Czech Republic	688	749	781
31	Denmark	292	430	409
32	Dominican Republic	62	24	21
33	Ecuador	20	14	10
34	Egypt	415	472	450
35	El Salvador	77	35	40
36	Estonia	38	24	27
37	Eswatini	2	2	0
38	Finland	787	931	815

39	France	11889	12699	12374
40	Georgia	209	206	177
41	Germany	15030	14795	15652
42	Ghana	0	0	25
43	Greece	316	262	271
44	Grenada	0	9	14
45	Guatemala	105	51	52
46	Guyana	1	0	57
47	Honduras	0	69	53
48	Hungary	376	365	271
49	Iceland	54	17	22
50	India	6153	6022	8248
51	Indonesia	0	0	3674
52	Iran (Islamic Republic of)	3060	0	3268
53	Iraq	0	312	0
54	Ireland	148	126	164
55	Israel	3984	4492	4938
56	Italy	7795	7153	6429
57	Jamaica	28	74	5
58	Japan	227142	189358	203087
59	Jordan	115	83	121
60	Kazakhstan	1504	1504	0
61	Kenya	53	24	26
62	Kyrgyzstan	100	111	120
63	Latvia	141	147	68
64	Lebanon	316	279	0
65	Lithuania	120	133	103
66	Luxembourg	152	153	184
67	Madagascar	24	23	19
68	Malawi	0	1	7
69	Malaysia	2705	2877	3324
70	Malta	4	10	6
71	Mauritius	9	4	2
72	Mexico	9819	9338	8652
73	Monaco	5	8	9
74	Mongolia	216	234	157
75	Montenegro	14	10	8
76	Morocco	0	0	352
77	Mozambique	60	54	35
78	Nepal	0	2	0
79	Netherlands	1722	1377	1914
80	New Zealand	4677	4259	3910
81	Nicaragua	62	0	0
82	Norway	1413	1446	2525
83	Pakistan	185	131	214
84	Panama	166	0	13
85	Papua New Guinea	0	70	0

86	Patent Office of the Cooperation Council for the Arab States of the Gulf	503	662	673
87	Peru	332	362	403
88	Philippines	2159	2200	4006
89	Poland	2852	2572	3548
90	Portugal	97	76	38
91	Republic of Korea	129786	101873	108875
92	Republic of Moldova	54	0	70
93	Romania	356	305	355
94	Russian Federation	33950	34706	33536
95	Samoa	0	64	0
96	San Marino	201	290	462
97	Saudi Arabia	561	763	595
98	Serbia	105	86	68
99	Singapore	5538	7054	7341
100	Slovakia	94	82	122
101	South Africa	5065	4499	4255
102	Spain	3235	2561	2308
103	Sri Lanka	0	262	123
104	Sudan	0	196	164
105	Sweden	588	889	866
106	Switzerland	677	687	617
107	Syrian Arab Republic	0	14	0
108	Thailand	1286	1364	1838
109	Trinidad and Tobago	39	33	60
110	Tunisia	0	0	583
111	Turkey	1276	1723	1764
112	Uganda	1	0	0
113	Ukraine	3319	3014	2813
114	United Arab Emirates	110	177	0
115	United Kingdom	4986	5464	5602
116	United Republic of Tanzania	4	1	0
117	United States of America	300678	140970	303049
118	Uruguay	31	19	0
119	Uzbekistan	179	153	166
120	Viet Nam	1397	1388	1423
121	Yemen	20	15	0
122	Zambia	23	0	0
