Benchmarking University of Kerala: No 3
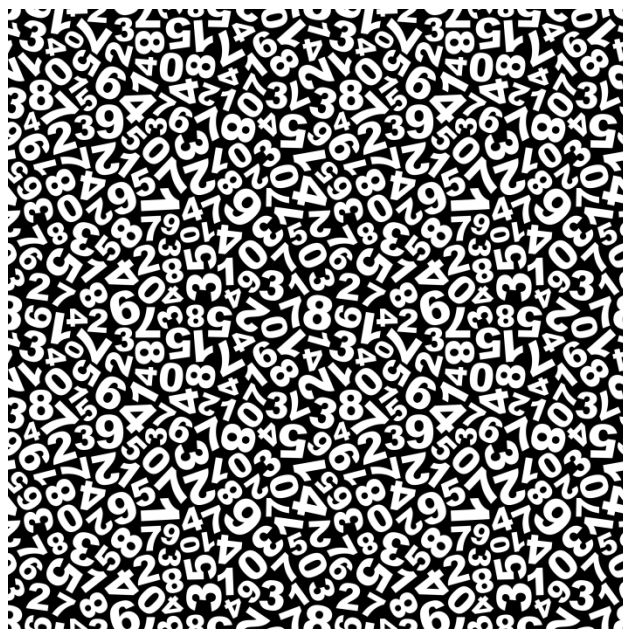# University Profile in Numbers

Internal Quality Assurance Cell (IQAC)
University of Kerala
2016

BENCH MARK REPORTS

As per the goals and functions of IQAC defined by UGC, development and application of quality benchmark and parameters has prime importance. Towards this end, IQAC of University of Kerala is engaged in compiling a bench mark series that helps the stake holders of the University to understand different facets of the University system in contrast to local & global peers. The comparisons are given here without interpretation. Such comparisons have to be contextualised for their proper understanding, which is very subjective and requires scholarly analysis and debates to draw conclusions. This is left to scholar-readers.

Sources of data include AQAR, Institutional websites, other public domain data. For Universities in Kerala, data filed by the Universities in their application for Chancellor's Award have been used. The copyright of the extracts from other Universities is gratefully acknowledged.

1. Heritage

Sl. No.	University/Institution	Year Est.	Years
1	Takshashila/Taxila	600BC	2600
2	Nalanda	500BC	2500
3	Kanthalloorshaala, Thiruvananthapuram (till 1000AD)[1]	850AD	1150
4	University of Oxford	0872	1143
5	University of Cambridge	1209	806
6	Harvard University	1636	379
7	Scott Christian College, Nagercoil	1809	206
8	C.M.S College, Kottayam	1817	199
9	Presidency University, Kolkata	1817	199
10	Serampore College, Howrah, West Bengal	1818	197
11	London University	1836	179
12	Madras Christian College, Chennai	1837	178
13	University of Bombay	1857	158
14	University of Calcutta	1857	158
15	University of Madras	1857	158
16	Massachusetts Institute of Technology	1861	154
17	University College, Trivandrum	1866	149
18	University of Tokyo	1877	138
19	University of Punjab	1882	133
20	Stanford University	1885	130
21	Banaras Hindu University	1916	100
22	University of Delhi	1922	93
23	Loyola College, Chennai	1925	90
24	**University of Kerala**	1937	78
25	College of Engineering, Trivandrum	1939	76
26	Mar Ivanios College	1949	66
27	Viswabharathi University	1951	64
28	Manipal University (Deemed University form 1993)	1953	62
29	University of Calicut	1968	47
30	Jawaharlal Nehru University, New Delhi	1969	46
31	Cochin University of Science And Technology	1971	44
32	National University of Singapore	1980	35
33	Mahatma Gandhi University, Kottayam	1983	32
34	Kannur University	1996	19
35	Amity University, Noida	2003	12

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[1] University which arguably existed on the banks of river Karaman/Killi in Valiasalai.

2. Campus Area (Approximate)

Sl. No.	University/Institution	Acres
1	Stanford University	8200
2	Harvard University	5100
3	Banaras Hindu University	4000
4	IIT, Kharagpur	2100
5	University of Oxford	1300
6	IIT Kanpur	1000
7	Jawaharlal Nehru University, New Delhi	1000
8	Manipal University	600
9	University of Punjab	550
10	University of Calicut	550
11	National University of Singapore	450
12	Madras Christian College, Chennai	380
13	**University of Kerala**	**350**
14	University of Bombay	250
15	Cochin University of Science and Technology	180
16	Massachusetts Institute of Technology	170
17	College of Engineering, Trivandrum	120
18	Mahatma Gandhi University , Kottayam	110
19	Mar Ivanios College ,Trivandrum	100
20	University of Cambridge	90
21	Kannur University	90
22	University of Delhi	70
23	Amity University, Noida	60
24	London University	30
25	University of Travancore	25*
26	University College, Trivandrum	10
27	Visva Bharathi University	4

Estimated figure covers: Palayam campus, University College, Public Health Laboratory, Observatory, Marine Campus at Shankhu Mugham, University Stadium, Engineering College (PMG office), Women's College, College of Fine Arts etc.

3. Library Books

Sl. No.	University/Name of Institution	Book Stock
1	University of Cambridge	290,00,000
2	Harvard University	1,80,00,000
3	University of Oxford	1,10,00,000
4	University of Tokyo	90,00,000
5	Stanford University	90,00,000
6	University of London	30,00,000
7	Massachusetts Institute of Technology	30,00,000
8	National University of Singapore	22.00,000
9	University of Delhi	14,50,000
10	University of Calcutta	10,00,000
11	**University of Kerala (KUL +Depts.)**	8,50,000
12	University of Punjab	7,00,000
13	University of Bombay	6,99,000
14	University of Madras	5,26,000
15	Jawaharlal Nehru University, New Delhi	5,00,000
16	Visva Bharathi University	3,76,000
17	Amity University, Noida	2,00,000
18	Madras Christian College, Chennai	1,62,000
19	University College, Trivandrum	1,54,000
20	Loyola College, Chennai	1,10,000
21	College of Engineering, Trivandrum	1,00,000
22	University of Calicut	95,000
23	Cochin University of Science And Technology	95,000
24	Mahatma Gandhi University , Kottayam	57,000
25	Mar Ivanios College ,Trivandrum	53,000
26	Manipal University	45,000
26	Kannur University	40,000

Note : The figures are rounded to nearest 1000. All data may not relate to same year. Source   of data is AQAR/institutional websites/wikipaedia. Some Universities have not clarified if the count is for the central library or the whole library system (consisting of Dept. Libraries etc.)

4. Google Hits

Sl. No.	University/Institution	Hits (Dec 2015)
1	Harvard University	4,48,00,000
2	Stanford University	3,76,00,000
3	University of Cambridge	3,21,00,000
4	University of Oxford	2,40,00,000
5	National University of Singapore	1,87,00,000
6	Massachusetts Institute of Technology	1,67,00,000
7	University of Tokyo	1,64,00,000
8	University of Delhi	1,24,00,000
9	Manipal University	11,80,000
10	College of Engineering, Trivandrum	8,30,000
11	University of Madras	8,00,000
12	University of Punjab	7,10,000
13	University of Calcutta	5,90,000
14	University of Calicut	4,90,000
15	**University of Kerala**	**4,80,000**
16	Cochin University of Science And Technology	4,10,000
17	Kannur University	4,00,000
18	University of Bombay	3,60,000
19	Amity University, Noida	3,50,000
20	Loyola College, Chennai	3,40,000
21	Visva Bharathi University	2,60,000
22	Jawaharlal Nehru University, New Delhi	2,50,000
23	Mahatma Gandhi University , Kottayam	1,40,000
24	Madras Christian College, Chennai	50,400
25	University College, Trivandrum	35,600
26	Mar Ivanios College	27,700

Google hits is a very coarse measure of popularity of the keyword in web documents. These web documents may relate to direct or indirect reference to the University in academic and non-academic web resources. Though they cannot be taken as an absolute and accurate measure, they nevertheless are a coarse comparison of the 'importance/popularity' of the University in a global scale.

5. Google Scholar Hits

Sl. No.	University/Institution	Hits (Dec 2015)
1	Harvard University	2,670,000
2	Stanford University	2,620,000
3	Massachusetts Institute of Technology	2,190,000
4	University of Tokyo	2,070,000
2	University of Cambridge	2,040,000
7	University of London	1,970,000
5	University of Oxford	1,320,000
6	National University of Singapore	837,000
8	University of Delhi	58,300
9	University of Madras	35,900
10	Jawaharlal Nehru University, New Delhi	17,900
11	University of Punjab	17,200
12	University of Bombay	15,800
13	Manipal University	15,200
14	**University of Kerala**	11,800
15	Cochin University of Science And Technology	7,300
16	University of Calicut	6,000
17	Amity University	3,000
18	Mahatma Gandhi University , Kottayam	3,000
19	Loyola College, Chennai	2,500
20	College of Engineering, Trivandrum	1,900
21	Kannur University	1,100
22	Madras Christian College, Chennai	600
23	Mar Ivanios College ,Trivandrum	600
24	University of Travancore	500
25	University College, Trivandrum	400
26	University of Calcutta	50
27	Visva Bharathi University	20

Google Scholar (Scholar.google.com) is a search engine dedicated to scholarly documents on the web, including research journal publications, conference papers, books etc. These hits are coarse measures of scholarly output of the Universities. Above figures are as on January 2016 and rounded figures.

6. Scopus Hits (Papers/year)

Sl. No.	University/Institution	No of documents	Average Impact Factor
1	University of Cambridge	8632	
2	Massachusetts Institute of Technology	7234	
3	Stanford University	7227	
4	National University of Singapore	6821	
5[2]	Indian Institute of Science, Bangalore	2160	1.1
6	CSIR Labs(Physics & Chemistry -5)	1860	1.2
7	Indian Institute of Technology, Kharagpur	1620	1.1
8	Indian Institute of Technology , Madras	1405	
9	Indian Institute of Technology, Bombay	1360	1.2
10	Indian Institute of Technology, Madras	1340	1.0
11	CSIR Labs (Industry & Standards -12 labs)	960	1.0
12	Tata Institute of Fundamental Research	880	1.4
13	University of Punjab	800	1.4
14	Indian Institute of Technology, Guwahati	740	1.1
15	Jawaharlal Nehru University, New Delhi	585	
16	University of Madras	510	
17	Cochin University of Science and Technology	335	
18	**University of Kerala**	238	2.1
19	Mahatma Gandhi University, Kottayam	168	
20	College of Engineering, Trivandrum	112	
21	University of Calicut	102	
22	Rajiv Gandhi Centre for Bio Technology	65	
23	Kannur University	51	
24	Mar Ivanios College, Trivandrum	45	
25	University College, Kerala, Trivandrum	25	

Scopus is a bibliographic database containing abstracts and citations for academic journal articles. It covers nearly 22,000 titles from over 5,000 publishers, of which 20,000 are peer-reviewed journals in the scientific, technical, medical, and social sciences (including arts and humanities). It is owned by Elsevier and is available online by subscription. Searches in Scopus also incorporate searches of patent databases. The hits can be considered as a coarse measure of research output.

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[2] *Avg. impact as given in Science, 2015, for sl no. 5-14.* **Citation impact:** *US is 15, China is 9, India is 7,* **Full time Research**ers: *India has 2, 00,000 (14% female) in 13 billion people; China's density is 4 times more, US is 20 times more.* **No of Papers:** *US - 4,50,000; China – 3,25,000; UK - 1,25,000; India - 90,000; Italy - 50,000; Brazil - 50,000; Russia - 40,000*

7. Research Gate

Sl. No.	University/Institution	Total Impact Points	Members
1	Harvard University	565990	7310
2	Stanford University	427670	8940
3	University of Tokyo	345010	4760
2	University of Cambridge	326460	8870
4	University of Oxford	318980	8720
5	Massachusetts Institute of Technology	298910	6790
6	National University of Singapore	95380	7070
7	University of London	72830	1240
8	University of Delhi	16430	2050
9	Indian Institute of Tech, Madras	12120	4930
10	Indian Institute of Tech, Bombay	11320	5620
11	University of Punjab	9460	1000
12	University of Madras	8550	980
13	Jawaharlal Nehru University, New Delhi	7370	1540
14	University of Bombay	4630	890
15	Cochin University of Science and Technology	2900	740
16	**University of Kerala**	2210	440
17	Mahatma Gandhi University , Kottayam	1360	350
18	Rajiv Gandhi Centre for Biotechnology	780	210
19	Loyola College, Chennai	660	270
20	University of Calicut	590	290
21	Mar Ivanios College ,Trivandrum	280	30
22	Amity University, Noida	150	2860
23	Kerala Agricultural university	110	200
24	Kannur University	110	120
25	University College, Trivandrum	70	20
26	College of Engineering, Trivandrum	70	170

ResearchGate, founded in 2008, is a social networking site for scientists and researchers to share papers, ask and answer questions, and find collaborators. The website claims to have millions of users and to be influential. The figures above are coarse measures of research output, but not validated and final.

8. Scientometric Ranking[3]

Sl. No.	University/Institution	Output	Rank
1	Indian Institute of Science	22221	1
2	Indian Institute of Technology, Kanpur	10658	6
3	Tata Institute of Fundamental Research	10515	7
4	University of Delhi	8534	8
5	Banaras Hindu University	7374	9
6	Punjab University	6741	11
7	Anna University	2789	18
8	University of Pune	2604	20
9	Jawaharlal Nehru University	2453	23
10	University of Madras	1566	32
11	University of Mumbai	1431	34
12	Sree Chithira Tirunal Inst. for Medical Sciences & Technology	1277	39
13	Bharathidasan University	1223	41
14	Jamia Milla Islamia Centran University	1194	42
15	Cochin University of Science and Technology	1110	44
16	Bharathiar University	960	51
17	Bangalore University	819	56
18	**University of Kerala**	**589**	**69**
19	Mahatma Gandhi University	471	79

[3]Gangan Prathap," The performance of research-intensive higher educational institutions in India" Current Science, Vol.107, No. 3, 10 August 2014.

9. Patents

Sl. No.	University/Institution	Patents/Year *Granted/Applied*
1	University of California[4]	453
2	Massachusetts Institute of Technology	275
3	Tsinghua University, China	230
4	Council of Scientific and Industrial Research, India[5]	187
5	Stanford University	182
6	Korea Institute of Science and Technology, Korea	114
7	IIT, Bombay[6]	90
8	University of Tokyo	35
9	Nanyang Technological University, Singapore	25
10	Peking University, China	22
11	Kerala Veterinary and Animal Sciences University[7]	15
12	Kerala Agricultural University	9
13	Mahatma Gandhi University	6
14	Cochin University of Science and Technology	5
15	University of Madras	4
16	SCT Institute of Medical Sciences & Technology, Trivandrum[8]	4
17	Rajiv Gandhi Centre for Biotechnology, Trivandrum[9]	3
18	**University of Kerala**	**3**
19	Kerala University of Fisheries and Ocean Studies	3
20	Jawaharlal Nehru University	2
21	University of Calicut	2
22	Sree Sankaracharya University of Sanskrit	2
23	University of Travancore[10]	0.25

[4]Source of Sl. No. 1- 9: *Top 100 World-wide Universities which are granted U.S Utility Patents, 2014, published by National Academy of Inventors (US) and IP Owners Association (US).* Note: non-US universities may have additional patents in their home country too.

[5]Source of data of CSIR: *Spicy IP Web site:* CSIR has 1872 active Indian patents, 400 licensed (ie, about 20% commercialization). Patenting expenses of about 75 Crores, with about 2 Crores spent in filing in India. Out of 2117 foreign patents (it is not clear if they overlap; most likely they do), 813 are in U.S., 328 in EU and 147 are in Japan.

[6] Source: Media reports in 2014

[7] **Source f**or all Universities in Kerala: Chancellors Award, the data is the best filing in last 3 years. (2012-14)

[8] Source: SCTIMST web site: Data from 1983-2005: 92 Indian & 16 International Patents including that of the famous Sree Chithra Heart Valve, commercialized through TTK Healthcare.

[9] **Source on RGCB: M**edia reports – 11 Indian patents and 4 international patents (2008- 12).

[10] 6 patent filings in early years of the University, whether they were granted is unknown (1937-56).

Note: Patents/per capita (2013) for various countries: South Korea – 4451; Japan – 3716; Germany – 2288; US – 9 Canada – 748; China – 541; Russia – 237; India- 17 (India's absolut e numbers is impressive, boosted by MNC filing)

10. NAAC Accreditation Status

Sl. No.	University/Institution	Point	Grade	Validity (up to)
1	Jawaharlal Nehru University	3.91	A	2017
2	Tata Institute of Social Sciences	3.88	A	2014
3	University of Hyderabad	3.72	A	2019
4	Birla Institute of Technology & Science	3.71	A	2014
5	Jadavpur University	3.68	A	2019
6	Andhra University	3.65	A	2013
7	Symbiosis International University	3.58	A	2021
8	Guru Nanak Dev University	3.51	A	2019
9	Mysore University	3.47	A	2018
10	Amritha Viswavidyapeetham	3.40	A	2014
11	Punjab University	3.35	A	2020
12	Osmania University	3.31	A	2013
13	Calcutta University	3.30	A	2014
14	Kurukshetra University	3.21	A	2014
15	Alagappa University	3.21	A	2016
16	Bharathidasan University	3.16	A	2017
17	Pondicherry University	3.15	A	2016
18	Sree Venkateswara	3.13	A	2014
19	Amity University Noida	3.13	A	2019
20	Bangalore University	3.12	A	2013
21	Mizoram University	3.12	A	2019
22	Pune University	3.10	A	2015
23	Goa University	3.09	A	2019
24	Devi Ahilya Viswavidyalaya	3.09	A	2019
25	Gandhigram Rural Institute	3.09	A	2015
26	Dr. Babasaheb Ambedkar	3.07	A	2018
27	Saurashtra University	3.05	A	2019
28	Mumbai University	3.05	A	2017
29	**University of Kerala**	**3.03**	**A**	**2020**
30	North Eastern Hill University	3.03	A	2014
31	Karnataka University	3.02	A	2013
32	Bharathiar University	3.02	A	2015
33	Calicut University	2.94	B	2015
34	Mahatma Gandhi University	2.90	B	2015
35	Manonmaniam Sundaranar University	2.86	B	2016
36	Maharaja Sayajirao University, Baroda	2.71	B	2015

Note: Cochin University of Science and Technology is yet to be accredited in the new scheme.

11. Research Output

Sl. No.	University/Institution	Research papers in peer reviewed journals	No. of Ph.Ds produced in Depts.
1	Top US University	7000	700
2	CUSAT	495	121
3	University of Calicut	439	70
4	**University of Kerala**	**407**	**69**
5	M.G. University	363	70
6	Kerala Veterinary and Animal Sciences University	280	18
7	Kerala Agricultural University	204	15
8	Kannur University	105	66
9	Kerala University of Health Sciences	77	0
10	Kerala University of Fisheries and Ocean Studies	48	2
11	Thunchath Ezhuthachan Malayalam University	26	0
12	Sree Sankaracharya University of Sanskrit	8	37

12. Research Output/Faculty

Sl. No.	University/Institution Faculty strength in brackets)	Publications/ faculty	PhDs/faculty
1	M.G. University (93)	3.90	0.75
2	Kannur University (36)	2.92	1.83
3	University of Calicut (161)	2.73	0.43
4	**University of Kerala (182)**	**2.24**	**0.38**
5	CUSAT (241)	2.05	0.50
6	Kerala University of Fisheries and Ocean Studies (34)	1.41	0.05
7	Kerala Veterinary and Animal Sciences University (254)	1.10	0.07
8	Thunchath Ezhuthachan Malayalam University (25)	1.04	0
9	Kerala Agricultural University (495)	0.41	0.03
10	Kerala University of Health Sciences (0)	0	0
11	Sree Sankaracharya University of Sanskrit (389)	0.02	0.09
12	Top US University (2100)	3.33	

13 No. of Depts. and Students

Sl. No.	University/Institution	No. of Depts.	No. of students in Depts.	Ph.D Students	Post Doctorals
1	Stanford University	90	16000		
2	IIT, Madras	16	8000		
3	CUSAT	27	7839	1088	6
4	Sree Sankaracharya University of Sanskrit	23	3368	1710	152
5	University of Calicut	31	2375	667	4
6	**University of Kerala**	**41**	**2273**	**617**	**33**
7	Kerala Agricultural University	30	2123	15	0
8	Kerala Veterinary and Animal Sciences University	35	2119	39	0
9	M.G. University	16	1490	478	13
10	Kannur University	36	1426	135	1
11	Kerala University of Fisheries and Ocean Studies	16	328	6	0
12	Thunchath Ezhuthachan Malayalam University	5	180	0	0
13	Kerala University of Health Sciences	0	0	0	0

14. No of Affiliated institutions

Sl. No.	University/Institution	Affiliated Colleges	Students in in Affi. Colleges	Research Centres
1	University of Calicut	389	197999	154
2	M.G. University	301	184547	15
3	**University of Kerala**	**198**	**135068**	**130**
4	CUSAT	30	23688	25
5	Kannur University	111	22973	47
6	Kerala University of Health Sciences	265	17192	8
7	Kerala Agricultural University	7	2123	90
8	Kerala Veterinary and animal Sciences University	4	13	34
9	Kerala University of Fisheries and Ocean Studies	0	0	19
10	Sree Sankaracharya University of Sanskrit	0	0	25
11	Thunchath Ezhuthachan Malayalam University	0	0	1

15. No of Teaching & Non -Teaching Staff

Sl. No.	University/Institution	Teaching Staff	Non-Teaching Staff	Ratio
15	CMS College, Kottayam	100	10	10
1	Sree Sankaracharya University of Sanskrit	389	285	1.36
2	Kerala Veterinary and Animal Sciences University	254	473	0.54
3	Thunchath Ezhuthachan Malayalam University	25	49	0.51
16	IIT Madras	550	1,250	0.44
4	Kerala University of Fisheries and Ocean Studies	34	81	0.42
5	CUSAT	241	749	0.32
6	Kerala Agricultural University	495	1965	0.25
7	**University of Kerala**	**182**	**903**	**0.20**
13	Stanford	2,100	11,000	0.19
14	Cambridge	1,649	9,500	0.17
8	Kannur University	36	303	0.12
9	University of Calicut	161	1403	0.11
12	MIT	1,000	10,000	0.1
10	M.G. University	93	1468	0.1
11	Kerala University of Health Sciences	0	100	0

16. Books, Journals Published

Sl. No.	University/Institution	No. of Books by faculty	No. of Books (Edited)	Journals published by University
1	Kerala Agricultural University	46	4	2
2	M.G. University	35	52	7
3	University of Calicut	35	23	0
4	CUSAT	16	8	0
5	Kerala Veterinary and animal Sciences University	14	3	1
6	Sree Sankaracharya University of Sanskrit	13	0	3
7	**University of Kerala**	**11**	**41**	**16**
8	Thunchath Ezhuthachan Malayalam University	9	0	0
9	Kerala University of Fisheries and Ocean Studies	5	4	0
10	Kerala University of Health Sciences	4	0	0
11	Kannur University	3	10	0

17. Outreach Programmes

Sl. No.	University/Institution	Outreach programmes	No. of Seminars/ Conferences	Consultancy assignments	No. of MoUs Signed
1	Kerala Agricultural University	859	46		64
2	University of Calicut	101	50	175	7
3	Sree Sankaracharya University of Sanskrit	78	7	1	2
4	Kerala Veterinary and Animal Sciences University	42	29	9	2
5	M.G. University	31	26	92	9
6	**University of Kerala**	**25**	**41**	**5**	**5**
7	CUSAT	21	20	18	2
8	Kerala University of Fisheries and Ocean Studies	12	3	0	3
9	Kannur University	7	6	0	0
10	Thunchath Ezhuthachan Malayalam University	5	4	0	0
11	Kerala University of Health Sciences	3	0	0	0

18. Students Qualifying in National or State Tests (Per year)

Sl. No.	University/Institution	NET/JRF/ SET/GATE
1	Punjab University	559
2	Punjab University	397
3	CUSAT	253
4	**University of Kerala**	**164**
5	Madras University	101
6	University of Calicut	99
7	Mahatma Gandhi University	68
8	Kannur University	49
9	Sree Sankaracharya University of Sanskrit	46
10	Jawaharlal Nehru University	44
11	Kerala Agricultural University	38
12	Manipal University	24
13	Kerala University of Fisheries and Ocean Studies	15

19. Annual Budgets (Approximate)

Sl. No.	University/Institution	Crores of Rs
1	Top US University	30,000
2	Top UK University	10,000
3	UGC	10,000
4	JNU, New Delhi	500
5	**University of Kerala**	**325**
6	Central Universityof Kerala	100
7	IIT, Bombay	160
8	University of Travancore*	1-20 lakhs

In 1937, amount was 82,719 and in 1951 it rose to 20 lakhs.

20. Tuition Fees

Sl. No.	University/Institution	Fees in Rs.	As % of GDP (PPP)
1	IIT	1,00,000	26%
2	Top US University	7,00,000	19%
3	Top UK University	2,50,000	10%
4	JNU	500	0.1%
5	**University of Kerala**	**500-50,000**	**0.1%-13%**
6	IISER	10,000	2.6%

Fees vary widely, the above are only figures indicating the range of fees. Per capita GDP (PPP) of USA taken as approximate 36 lakhs (59,000 USD), India: 4 lakhs (58,00 USD) and UK 27 lakhs (40,000 USD).

21. Gender Profile (% of Women)

Sl. No.	University/Institution	Students	Faculty
1	**University of Kerala***	**80%**	**42%**
2	Top US University	46%	27%
3	College of Engineering, Trivandrum	32%	35%
4	Calicut University	69%	

Gender Audit of University of Kerala in 2014 reveals the following women percentage: Syndicate(22%), Senate (12%), Academic Council (25%), Directors of Schools (36%), Head of Departments (29%), Deans of Faculties (31%), Teachers of Department(42%), Senior Administrators (70%), Library Assistants (85%), Masters Students (68%), M.Phil Students (76%), Ph.D Students (65%).

Appendix -1: MIT Profile

History

- Incorporated in 1861

Campus

- 168 acres in Cambridge, Massachusetts

Employees

- Approximately 11,480(including faculty)

Faculty

- Professors (all ranks): 1,021
- Other teaching staff:809

Selected Honors

- 80 Nobel Laureates

Freshman Admission, class of 2018

- Applicants :18,356
- Admits:1,447
- Percentage admitted: 7.9%

Students, Academic Year 2014-2015

- Total : 11,319
- Undergraduates: 4,512
- Women: 2,055(46%)
- Minorities: 2,317(51%)
- Graduate students:6,807
- Women: 2,171(32%)
- Minorities: 1,379(20%)

International Students, 2014-2015

- Undergraduates : 436
- Graduate students : 2,748
- Exchange, visiting, special students : 405

Undergraduate Cost, 2014-2015

- Tuition : $44,720
- Room and board : $13,224

Undergraduate financial Aid, 2013-2014

- Students attending tuition –free: 32%
- Students awarded need-based MIT scholarship: 56%

Revenues

- Campus Research: 48%
- Tuition Fee : 10%
- Support from Investments : 20%
- Others : 22%

Expenses

- Salaries & Wages & Employees Benefits: 50%
- Supplies & Services: 31%
- Others : 19%

Appendix -2: <u>University of Cambridge Profile</u>

- The University has over 29,000,000 books and receives a free copy of every book published in the UK every year.
- Affiliates of Cambridge University have won 89 Nobel Prizes covering all six disciplines.
- Cambridge has won most Nobel Prizes in Physics, 29 in all.
- Oxford can claim only 58 Nobel Prizes but it has produced more prime ministers than Cambridge, 27 compared with 14.
- **Income and Expenditure: <u>Income</u>**: 962,316,000 GBP (above Rs. 7,200 crores): 20% from fees, 40% from Research Grants, 20% from Government Grants. **<u>Expenditure</u>**: 51% salaries, 40% operating expenses. **Net Assets: 2,743,970,000 GBP (above Rs. 21,600 crores)**
- **Fees: UG: 9000UKP; Overseas: 32000UKP; PG: 8000-45000UKP; Overseas: 18000-45000UKP**

Full Time Equivalent (FTE) student load, 2013-14

	UG	PG & Ph.D	Total
Arts and Humanities	2,582	760	3,342
Humanities and Social Sciences	2,606	2433	5,039
Physical Sciences	2,403	1229	3,632
Technology	1,639	1339	2,978
Biological Sciences	2,000	597	2,598
Clinical Medicine	506	446	953
Total student FTE	11,864	7113	18,977
Overseas students	1,321	2786	4,106

Headcount of staff	July 2014
Academic	1,649
Academic related	1,695
Contract Research	3,707
Technical	1,171
Clerical and Secretarial	1,680
Manual and Domestic	443
Total staff	10,345

Appendix -2: Stanford University

UNIVERSITY MOTTO AND SEAL: "Die Luft der Freiheit weht" is Stanford's unofficial motto and translates as "the wind of freedom blows."

UG (2014)
- Undergraduate Students: 7,018
- Graduate Students :9,118
- Academic Council[*] : 1,624

Special Courses
- **Thinking Matters:** One-quarter course in the freshman year.
- **Ways of Thinking, Ways of Doing**: Eleven courses in eight subject areas, including aesthetic and interpretive inquiry, applied quantitative reasoning, creative expression, engaging diversity, ethical reasoning, formal reasoning, scientific method and analysis and social inquiry.

1651 Undergraduate Degree awarded in 2014

Top 5 Undergraduate Degrees: Computer Science, Human Biology, Engineering, Science, Technology and Society, Biology.
Top 5 Undergraduate Majors: Computer Science, Human Biology, Engineering, Science, Technology and Society, Biology.

CLASS OF 2018: Applicants: 42,167, Admitted: 2,145, Acceptance rate: 5.1%.
Gender Balance: Women: 48.9%, Men: 51.1%.
High Schools: International: 9.7%, Public: 60.3%, Private: 29.6%,Home school 0.4%.

UNDERGRDUATE STUDENT BUDGET 2014-15
- Tuition: $44,184
- Room and Board: $13,631
- Books(estimated): $1,425
- Personal (estimated): $2,550
- Health Insurance (estimated): $4,296

GRADUATE STUDIES AT STANFORD
About 85 percent of Stanford graduate students receive financial assistance, aside from loans, from Stanford or external sources. About 62 percent of graduate students live on campus.

Graduate Students, Fall 2014
Matriculated Students: 9,118
Gender Balance: Women: 38%, Men: 62%
Geographic Origin: Foreign : 33%, California: 36%, Other U.S: 31%
Degrees Awarded, 2013-14: Master's 2,289, Doctoral (PhD, DMA): 729

COMMUNITY OF SCHOLARS

- 21 Nobel laureates are currently members of the Stanford community.
- 31 Stanford faculties have won the Nobel Prize since founding.

FACULTY PROFILE, FALL 2014
- Faculty: 2,118
- Members of Academic Council: 1,624
- Faculty appointed to endowed professorship: 562
- Faculty hold highest degree in their field: 99%
- **Gender Balance:** Women: 27%: Men: 73%

Schools: Medicines: 45%, Humanities and Sciences: 27%, Engineering :12%, Law :3%, Earth Science: 3%, Education: 3%, Business:5%, SLAC,FSI: 3%

Ethnic diversity: Non-Minority: 73%: Asian: 16%

RESEARCH AND INNOVATION: There are more than 5,300 externally sponsored projects throughout the university, with the total budget for sponsored projects at $1.33 billion during 2014–15, Of these projects, the federal government sponsors approximately 82 percent, and nearly $230 million in support comes from non-federal funding sources.

Among the inventions licensed by Office of Technology Licensing (OTL): Antibody therapies, Bio plastics, Data analytics, Digital music, Google, Recombinant DNA, Refocus Photography, Tuberculosis test. A 2012 study estimated that companies formed by Stanford entrepreneurs generate world revenues of $2.7 trillion annually and have created 5.4 million jobs since the 1930s. Stanford alumni and faculty have created 39,900 companies since the 1930s, which, if gathered collectively into an independent nation, would constitute the world's 10th largest economy.

Among the companies Stanford faculty and alumni have helped create: Cisco Systems, eBay, Google, Hewlett-Packard, LinkedIn, Logitech, Silicon Graphics, Tesla Motors, Yahoo.

STUDENT LIFE
Autumn 2014, 6,503 undergraduate and 5,478 graduate students live in university-provided housing. Housing is guaranteed for four years for entering freshmen. About 96 percent of all undergraduates registered and residing at the home campus live in campus housing.

STUDENT ORGANIZATIONS
There are about 650 organized student groups at Stanford. The student newspaper is the Stanford Daily. There are about 44 recognized religious organizations, and 88 committed to the arts. Stanford offers six cultural centers.

CAMPUS SAFETY
The Stanford University Department of Public Safety (SUDPS) provides law enforcement, security, safety, crime prevention and emergency services on campus 24 hours a day.

GETTING AROUND

There are about 13,000 bikes on the Stanford campus daily, and Stanford has been named a Platinum-level "Bicycle Friendly University." Freshmen may not bring cars to campus, but the free Marguerite includes 79 buses in a 24-route system.

STANFORD CAMPUS

Stanford University is located on 8,180 acres in the center of the San Francisco Peninsula. Stanford is a self-sustaining community featuring 49 miles of roads, a 49-megawatt power plant, two separate water systems, three dams, three open water reservoirs, 88 miles of water mains, a central heating and cooling plant, a high-voltage distribution system. **Research Park: 700 acre:** Companies: 150, Buildings (> 15.3Million sq.ft):700, Shopping Center: 70 acre. **Residents on Campus:** Undergraduates: 96%, Graduates: 62%,Faculty members: 30% **Parking Spaces (excluding Hospitals): 19,000 T**rees: More than 43,000, Different Species of plants: 800, Fountains: 25.

FINANCES

In 2014–15, Stanford is a $5.1 billion enterprise. This figure represents the university's consolidated budget for operations, a compilation of all annual operating and restricted budgets that support teaching, scholarship and research, including the budgets of all schools and administrative areas and the SLAC National Accelerator Laboratory. It does not include the $655.4 million capital budget and excludes the budget for Stanford Health Care.

ENDOWMENT

Stanford's $21.4 billion endowment (as of Aug. 31, 2014) provides an enduring source of financial support for fulfillment of the university's mission of teaching, learning and research. More than half of the endowment is designated by donors for a specific purpose. There are more than 7,000 endowed university funds.

SOURCES OF FUNDS FOR FY 2014–15: Sponsored Research: 18%, Endowment Income: 21%, Student income: 16%

EXPENDITURES FOR FY 2014–15: Operating Expenses: 31%, Salaries and Benefits: 60%

UNIVERSITY ADMINISTRATION

Stanford University is a trust with corporate powers under the laws of the State of California. The university is a tax-exempt entity. Under the provisions of the Founding Grant, the Board of Trustees (with a maximum membership of 38) is custodian of the endowment and all the properties of Stanford University. Almost all of them are CEOs. The board administers the invested funds, sets the annual budget and determines policies for operation and control of the university. The board delegates broad authority to the president to operate the university and to the faculty on certain academic matters.