



RADHASAI
IIT-NEET
PASSION | PERSEVERANCE | PRUDENCE

GAME CHANGERS IN IIT & NEET COACHING

"Miracles happen when PASSION meets PERSEVERANCE"



Sai Ail - Director

IIT ADVANCED - 2021



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24-AIR



RUDRAKSH SANGORE

424-AIR



CHINMAY SHEVALE

3443-AIR



LOKESH THIRTHANI

4864-AIR



TAKSHIL SHAH

7377-AIR

Kudos to the gargantuan efforts of our entire inhouse IIT'ian & Doctorate faculty team

Put Harvard, MIT and Princeton together,
and you begin to get an idea of the
status of IIT in India.

Rebecca Leung - CBS News

In Our very first batch 2019-21 all five students
have secured ranks which will place them in IIT's

Sally through Wisdom - IIT



RADHASAI
IIT-NEET

PASSION | PERSEVERANCE | PRUDENCE

RADHASAI - IIT
ENGINEERING

RADHASAI - NEET
MEDICAL

RADHASAI - B Arch/B Planning
ARCHITECTURE

RADHASAI - PRODIGY
FOUNDATION

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RADHASAI
IIT-NEET

Radhasai - IIT is embarking on an onerous journey of coaching for IIT - (Main / Advanced) with the plenary objective of imparting edification **for IIT by IITian's**.

Team Radhasai - IIT being IITian's themselves understands the intricate genesis to crack IIT with the mantra "Prudence through Pragmatism".

This booklet is testament of indepth analysis and paramount talent of team Radhasai - IIT, hope it will benefit students to plan and implement their thoughts to action.

Team Radhasai welcomes you to the world of "Engineering and Technology". In this booklet we are giving gist of different options available to the students.

Please go through the same, so that it helps you to focus on reaching your goals.

Please Note the following points

- If you want to take admission in IIT's it will be based on JEE Advance Score.
- If you want to take admission in NIT's / IIIT's / IISc and GFTI's it will be based on JEE Main Score.
- To take admission in government colleges of Maharashtra you have to appear for MHT CET , private engineering colleges of Maharashtra considers JEE Main and MHT CET score both.
- If you are aiming to get top NIT's/IIIT's you should focus on JEE Main Ofcourse with the JEE preparation you will be ready for the MHT CET as well as VITEEE / SRM JEEE / BITSAT / MU-OET.
- Although VITEEE may be considered easier than JEE Main and JEE Advanced, it is also considered more difficult than other exams, such as SRM University's SRM JEEE.

Your Voyage to the shores of technology has just begun, we at Radhasai will be a friend, philosopher and guide for you from the core of heart, mind and soul.

Team
"Radhasai - IIT"

IIT

The President of India is the most powerful person in the organisational structure of IITs, being the ex officio Visitor, and having residual powers.

Directly under the President is the IIT Council, which comprises the minister-in-charge of technical education in the Union Government, the Chairmen of all IITs, the Directors of all IITs, the Chairman of the University Grants Commission, the Director General of CSIR, the Chairman of IISc, the Director of IISc, three members of Parliament, the Joint Council Secretary of Ministry of Human Resource and Development, and three appointees each of the Union Government, AICTE, and the Visitor.

In a documentary aired by CBS, Vinod Khosla, co-founder of Sun Microsystems states, "The IITs probably are the hardest school in the world to get into, to the best of my knowledge". The documentary further concludes, "Put Harvard, MIT and Princeton together, and you begin to get an idea of the status of IIT in India" to depict the competition as well as demand for the elite institutes.

IITs and locations, sorted by date of establishment

Serial No	Name	Short Name	Founded	Established (as IIT)	State/UT
1	IIT Kharagpur	IITKGP	1951	1951	West Bengal
2	IIT Bombay	IITB	1958	1958	Maharashtra
3	IIT Kanpur	IITK	1959	1959	Uttar Pradesh
4	IIT Madras	IITM	1959	1959	Tamil Nadu
5	IIT Delhi	IITD	1961	1963	Delhi
6	IIT Guwahati	IITG	1994	1994	Assam
7	IIT Roorkee	IITR	1847	2001	Uttarakhand
8	IIT Ropar	IITRPR	2008	2008	Punjab
9	IIT Bhubaneswar	IITBBS	2008	2008	Odisha
10	IIT Gandhinagar	IITGN	2008	2008	Gujarat
11	IIT Hyderabad	IITH	2008	2008	Telangana
12	IIT Jodhpur	IITJ	2008	2008	Rajasthan
13	IIT Patna	IITP	2008	2008	Bihar
14	IIT Indore	IITI	2009	2009	Madhya Pradesh
15	IIT Mandi	IITMandi	2009	2009	Himachal Pradesh
16	IIT (BHU) Varanasi	IIT(BHU)	1919	2012	Uttar Pradesh
17	IIT Palakkad	IITPKD	2015	2015	Kerala
18	IIT Tirupati	IITTP	2015	2015	Andhra Pradesh
19	IIT (ISM) Dhanbad	IIT(ISM)	1926	2016	Jharkhand
20	IIT Bhilai	IITBh	2016	2016	Chhattisgarh
21	IIT Goa	IITGoa	2016	2016	Goa
22	IIT Jammu	IITJM	2016	2016	Jammu and Kashmir
23	IIT Dharwad	IITDH	2016	2016	Karnataka

Famous alumni of IIT

- K. Vijay Raghavan, FRS, Developmental Biologist and former DBT secretary
- Satyajit Mayor, Cell Biologist and Director of NCBS
- Raghunath Mashelkar, Chemical Engineer and former director of CSIR
- Sandip Trivedi, Theoretical Physicist and director of TIFR
- Ashoke Sen, distinguished Indian Theoretical Physicist
- Madan Rao, Condensed matter and Biological Physicist
- Madhavan Mukund, Computer Scientist
- Pulickel Ajayan, scientist in the field of carbon nanotubes
- Kota Harinarayana, Padma Shri awardee and distinguished scientist at DRDO
- Narendra Karmarkar, TIFR scientist and developer of Karmarkar's algorithm for mathematical optimization
- Subhash Khot, computer scientist and Rolf Nevanlinna Prize winner
- V. C. Kulandaiswamy, awarded Padma Shri and Padma Bhushan
- Pranav Mistry, inventor and computer scientist
- Rajeev Motwani, winner of Gödel prize in 2001 for his work in theoretical computer science
- Madhu Sudan, Rolf Nevanlinna Prize and Godel Prize winner
- Anil K. Rajvanshi, scientist in rural development; winner of Jamnalal Bajaj Award; first Indian to be given the Distinguished Alumnus Award from University of Florida

Many IIT alumni have become entrepreneurs, including:

- Sachin Bansal and Binny Bansal, founders of Flipkart
- Anurag Dikshit, co-founder of PartyGaming
- Ajit Gupta, founder, president and CEO of Aryaka
- Vinod Khosla, co-founder of Sun Microsystems
- M. R. Madhavan, co-founder of PRS Legislative Research
- N. R. Narayana Murthy, co-founder and former chairman of Infosys
- Vinay Nair, founder and chairman of 55 Institutional Partners
- Rajendra S. Pawar, co-founder and Chairman of NIIT
- Suhas S. Patil, founder and Chairman Emeritus Cirrus Logic Inc.
- Gunjan Sinha, co-founder of eGain and MetricStream
- Sumant Sinha, businessman

Other alumni have achieved leading positions in corporations, such as:

- Nikesh Arora, Vice Chairman of SoftBank Corp. and CEO of SoftBank Internet and Media, Inc. (SIMI)
- Ashishkumar Chauhan, MD and CEO, BSE
- Vic Gundotra, former Senior Vice President at Google
- Rajat Gupta, former Managing Director, McKinsey
- Chandra Kintala, Vice President, Bell Laboratories
- Victor Menezes (Senior Vice Chairman, Citigroup)
- Dinesh Paliwal, President and CEO, HARMAN
- Sundar Pichai, CEO of Google
- Kanwal Rekhi, CTO of Novell
- Arun Sarin, former CEO of Vodafone
- Amit Singhal, former Senior Vice President, Search and Google Fellow at Google
- Padmasree Warrior, former CTO of Cisco Systems

Famous alumni of IIT

IIT alumni have also pursued careers in politics, for example:

- Krishan Kant, former Vice-President of India
- Arvind Kejriwal, former Indian Revenue Service officer, present Chief Minister of Delhi
- Nandan Nilekani, former co-founder of Infosys, former chairman of the Unique Identification Authority of India
- Manohar Parrikar, former Defence Minister of India, current Chief Minister of Goa
- Jairam Ramesh, former union minister in Ministry of Environment and Forests and Minister of Rural Development
- Ajit Singh, founder of Rashtriya Lok Dal and former central minister
- Jayant Sinha, Union Minister of State for Finance, Government of India, former partner at McKinsey & Company and Managing Director at Omidyar Network
- Many alumni have gained recognition in other fields:
- Anil Agarwal, environmentalist and science correspondent for the Hindustan Times
- Manindra Agrawal, winner of Gödel prize in 2006 for his work on AKS primality test
- Chetan Bhagat, author, columnist, screenwriter, and speaker
- Sushantha Kumar Bhattacharyya, was awarded the CBE, a knighthood, and Padma Bhushan
- Achyut Godbole, author
- Sandeep Pandey, Indian social activist; co-founded Asha for Education; was awarded the Ramon Magsaysay Award in 2002 for the emergent leadership category
- Arogyaswami Paulraj, known for his work in wireless technology; was awarded the Padma Bhushan
- Raghuram Rajan, former Governor of Reserve Bank of India
- Duvvuri Subbarao, former Governor of Reserve Bank of India

NIT

During the second five-year plan (1956–60) in India, a number of industrial projects were contemplated to ensure enough supply of trained personnel.

To meet the demand for these projects, a decision was taken to start the Regional Engineering Colleges (RECs), at the rate of one per each major state, which can churn out graduates with good engineering merit.

In 2002 Ministry of Human Resource Development (MHRD) Minister Murli Manohar Joshi decided to upgrade RECs to "National Institutes of Technology" (NITs) instead of creating IITs. The central government controls NITs and provides all funding.

The Prime Minister of India is the ex officio visitor of all the NITs. The NIT Council works directly under him and it includes the minister-in-charge of technical education in Central Government, the Chairmen and the Directors of all the NITs, the Chairman of University Grants Commission (UGC), the Director General of Council of Scientific and Industrial Research (CSIR), the Directors of other selected central institutions of repute, members of Parliament, Joint Council Secretary of Ministry of Human Resource Development (MHRD), nominees of the Central Government, All India Council for Technical Education (AICTE), and the Visitor.

In 2018, National Institutional Ranking Framework ranked eighteen NITs in the top 100 in engineering category and they are the following:

Serial No	NIT	NIRF Ranking
1	NIT Trichy	11
2	NIT Rourkela	15
3	NIT Surathkal	21
4	NIT Warangal	25
5	NIT Nagpur	31
6	NIT Kurukshetra	43
7	NIT Durgapur	47
8	NIT Allahabad	48
9	NIT Calicut	50

Serial No	NIT	NIRF Ranking
10	NIT Jaipur	52
11	NIT Bhopal	55
12	NIT Silchar	57
13	NIT Surat	61
14	NIT Hamirpur	64
15	NIT Jalandhar	74
16	NIT Raipur	81
17	NIT Agratala	92
18	NIT Meghalaya	98

Many NIT alumni have achieved leading positions in corporations, such as:

- Natarajan Chandrasekaran (Chairman, Tata Sons)
- Rajesh Gopinathan (CEO, Tata Consultancy Services)
- T.V. Narendran (CEO, Tata Steel (Global))
- C.P. Gurnani (CEO, Mahindra Satyam)
- K. V. Kamath (Chief, BRICS New Development Bank, Shanghai; Former CEO of ICICI Bank; Padma Bhushan Awardee)
- Srinu Raju (Chairman, Peepul Capital, iLabs VCF, Former CEO of Cognizant Technology Solutions & Satyam)
- K. R. Sridhar (founder and CEO, Bloom Energy)
- Shyam Srinivasan (CEO and MD, Federal Bank)
- Nelabhotla Venkateswarlu (CEO, Emami)
- Dinesh Keskar (Senior VP, Boeing Aircraft Trading and Head Boeing India)
- Rao Remala (First Indian employee of Microsoft)
- Rajeev Madhavan (Founder, Magma Design Automation, venture capitalist in USA. on the Dean's Advisory Board at UCLA's Henry Samueli School of Engineering)
- Pawan Munjal (Chairman, MD & CEO, Hero Motocorp)
- Shailesh Rao (Director, New Products & Solutions, Google Enterprise, Google)

NIT alumni have also pursued careers in public service; for example:

- Dr.Thomas Abraham (Chairman of the Global Organization of People of Indian Origin, coined the term PIO)
- Dawood Danesh Jafari (Minister of Finance & Economic Affairs, Iran)
- Ajit Jogi (First chief minister of Chhattisgarh also a former lecturer at NIT Raipur)
- Deep Joshi (Recipient of Magsaysay award & Padma Shri, Social activist, founder of PRADAN (NGO))
- Hemant Karkare (Chief, Mumbai Anti-Terrorist Squad (ATS), killed during the November 2008 Mumbai Terrorist Attacks)
- Nitish Kumar (Chief minister of Bihar)
- Lakshmi Narayana (Former Joint Director for India's Central Bureau of Investigation)
- Suresh Pachouri (Member of Parliament)
- Ram Vinay Shahi (Longest-serving power secretary of India)
- Abhishek Singh (Member of Parliament from Rajnandgaon Region)
- Prafulla Kumar Das (Engineer-in-chief, Odisha (Retd.))
- Balram Singh Yadav (Superintending Engineer, Irrigation Department, Uttar Pradesh)
- Malli Mastan Babu (Mountaineer and Motivational speaker, Andhra Pradesh)

Notable alumni in academics and research include:

- Anindya Ghose (Professor, New York University Stern School of Business)
- Avinash Kumar Agarwal (mechanical engineer, Shanti Swarup Bhatnagar laureate)
- Akhilesh K. Gaharwar (Professor, Texas A&M University)
- Siva S. Banda (Director of the Control Science Center of Excellence and Chief Scientist for the Aerospace Systems Directorate at the United States Air Force Research Laboratory at Wright-Patterson Air Force Base)
- Samir Barua (Director, Indian Institute of Management Ahmedabad)
- Lalit Goel (Professor and Head of Electrical Engineering, Nanyang Technological University)
- Baldev Raj (Padma Shri awardee, former director of the Indira Gandhi Centre for Atomic Research, currently the Chairman of Board of Governors at NIT Puducherry)



Indian Institutes of Information Technology (IIITs) are a group of institutes of higher education in India, focused on information technology. Five of them are established, funded and managed by the Ministry of Human Resource Development. The rest are set up on the public-private partnership (PPP) model.

IIITs and locations, sorted by date of establishment

Serial No	Name	Short Name	Established (as IIT)	Mode	State/UT
1	Atal Bihari Vajpayee Indian Institute of Information Technology and Management, Gwalior	ABV-IIITM Gwalior	1997	MHRD	Madhya Pradesh
2	Indian Institute of Information Technology, Allahabad	IIITA	1999	MHRD	Uttar Pradesh
3	Indian Institute of Information Technology, Design and Manufacturing, Jabalpur	IIITDMJ	2005	MHRD	Madhya Pradesh
4	Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram	IIITDMK	2007	MHRD	Tamil Nadu
5	Indian Institute of Information Technology, Sri City	IIITS	2013	PPP	Andhra Pradesh
6	Indian Institute of Information Technology, Guwahati	IIITG	2013	PPP	Aasam
7	Indian Institute of Information Technology, Vadodara	IIITV	2013	PPP	Gujrat
8	Indian Institute of Information Technology, Kota	IIITK	2013	PPP	Rajasthan

Serial No	Name	Short Name	Established (as IIT)	Mode	State/UT
9	Indian Institute of Information Technology, Tiruchirappalli	IIITT	2013	PPP	Rajasthan
10	Indian Institute of Information Technology, Una	IIITU	2014	PPP	Himachal Pradesh
11	Indian Institute of Information Technology, Sonapat	IIITS	2014	PPP	Haryana
12	Indian Institute of Information Technology, Kalyani	IIITK	2014	PPP	West Bengal
13	Indian Institute of Information Technology, Lucknow	IIITL	2015	PPP	Uttar Pradesh
14	Indian Institute of Information Technology, Dharwad	IIITD	2015	PPP	Karnataka
15	Indian Institute of Information Technology, Design and Manufacturing, Kurnool	IIITDMK	2015	PPP	Andhra Pradesh
16	Indian Institute of Information Technology, Kottayam	IIIT Kottayam	2015	PPP	Kerala
17	Indian Institute of Information Technology, Manipur	IIIT Manipur	2015	PPP	Manipur
18	Indian Institute of Information Technology, Nagpur	IIITN	2016	PPP	Maharashtra
19	Indian Institute of Information Technology, Pune	IIITN	2016	PPP	Maharashtra

Serial No	Name	Short Name	Established (as IIT)	Mode	State/UT
20	Indian Institute of Information Technology, Ranchi	IIIT Ranchi	2016	PPP	Jharkhand
21	Indian Institute of Information Technology, Surat	IIIT Surat	2017	PPP	Gujarat
22	Indian Institute of Information Technology, Bhopal	IIIT Bhopal	2017	PPP	Madhya Pradesh
23	Indian Institute of Information Technology, Bhagalpur	IIIT Bhagalpur	2017	PPP	Bihar

IISER

The Indian Institutes of Science Education and Research (IISER), are a group of premier science education and research institutes in India. These institutions have been declared by an Act of Parliament as institutions of national importance, and are intended to be the leading institutes in the country in the field of basic sciences. The institutes were created by the Government of India, through the Ministry of Human Resource Development (MHRD), under The National Institutes of Technology (Amendment) Bill, 2010 (an amendment of the National Institutes of Technology Act, 2007), which was passed by the Rajya Sabha on 30 April 2012

IISERs and locations, sorted alphabetically

Name	State/UT	Website	Name	State/UT	Website
IISER Berhampur	Odisha	www.iiserbpr.ac.in	IISER Pune	Maharashtra	www.iiserpune.ac.in
IISER Bhopal	Madhya Pradesh	www.iiserb.ac.in	IISER Thiruvananthapuram	Kerala	www.iisertvm.ac.in
IISER Kolkata	West Bengal	www.iiserkol.ac.in			
IISER Mohali	Punjab	www.iisermohali.ac.in	IISER Tirupati	Andhra Pradesh	www.iisertirupati.ac.in

IISC

Indian Institute of Science (IISc) is a public institute for research and higher education in science, engineering, design, and management. It is located in Bangalore city in India, and was established in the year 1909 with active support from Jamsetji Tata and H.H. Sir Krishnaraja Wodeyar IV, the Maharaja of Mysore. It is also locally known as the "Tata Institute". It was granted the Deemed University status in 1958.

After an accidental meeting between Jamsedji N. Tata and Swami Vivekananda on a ship in 1893 where they discussed Tata's plan of bringing the steel industry to India, Tata wrote to Vivekananda five years later "I trust, you remember me as a fellow-traveller on your voyage from Japan to Chicago. I very much recall at this moment your views on the growth of the ascetic spirit in India... I recall these ideas in connection with my scheme of Research Institute of Science for India, of which you have doubtless heard or read."

Impressed by Vivekananda's views on science and leadership abilities, Tata wanted him to guide his campaign. Vivekananda endorsed the project with enthusiasm, and Tata, with the aim of advancing the scientific capabilities of the country, constituted a Provisional Committee to prepare a plan for setting up of an Institute of research and higher education. The committee presented a draft proposal to Lord Curzon on 31 December 1898. Subsequently, Sir William Ramsay, a Nobel Laureate, was called on to propose a suitable place for such an institution who suggested Bangalore as the best location.

The land and other facilities for the institution were donated by H.H. Sir Krishnaraja Wodeyar IV, the Maharaja of Mysore (a Princely State now called State of Karnataka), and Tata himself. The Maharaja donated about 371 acres (1.50 km²) of land. Tata gave several buildings towards the creation of IISc.

The constitution of the Institute was approved by the Viceroy, Lord Minto, and the necessary Vesting Order to enable it to function was signed on 27 May 1909. Early in 1911, the Maharaja of Mysore laid the foundation stone of the Institute, and on 24 July, the first batch of students were admitted to the Departments of General and Applied Chemistry under Norman Rudolf and Electro-Technology under Alferd Hay. Within two months, the Department of Organic Chemistry was opened. In 1958 the institute was granted the deemed university status by the UGC.

At the time of the inception of IISc in 1909, Morris Travers, Sir William Ramsay's co-worker in the discovery of the noble gases, became its first Director. For Travers, this was a natural continuation of his work on the Institute, since he had played a role in its founding. The first Indian Director was the Nobel Laureate Sir C.V. Raman. Raman was the Indian Science-based Nobel Laureate. The current Director is Anurag Kumar.

IISc has produced alumni who have held significant academic and industry positions around the globe:

- Prof. G. N. Ramachandran, 1977. Widely acknowledged as one of the most important Indian scientists of the 20th century, best known for the creation of the Ramachandran Map for understanding peptide structure. He was also a Faculty Member at IISc.
- Dr. Sukh Dev, 1978. Former INSA S. N. Bose Res. Professor, IIT, Delhi & Director, Multi-Chem Research Centre, Vadodara.
- Sri C. R. Subramanian, 1979. Former Chairman & Managing Director, Bharat Electronics Limited (BEL).
- Prof. Harish-Chandra, 1980. Well-known Mathematician and Physicist.
- Sri T. R. Satish Chandran, 1981. Former Principal Secretary to the Prime Minister and Former Governor of Goa.
- Prof. T. R. Anantharaman, 1982. Former Director, Institute of Technology, Banarus Hindu University.
- Prof. C. N. R. Rao, 1983. Former Director, IISc, Former President, JN Centre for Advanced Scientific Research
- Prof. Satish Dhawan, 1984. Former Director, IISc and Former Chairman, Space Commission.
- Dr. V. Jagannathan, 1985 Former Head, Biotechnology, Tata Energy Research Institute, Delhi.
- Dr. S. R. Valluri, 1986. Former Director, NAL.
- Prof. B. V. Sreekantan, 1987. Former Director, TIFR, Bombay.
- Prof. Roddam Narasimh., 1988. Former Director, NAL and Former Director, NIAS.
- Prof. P. Somasundaran, 1989. Former Chairman, Henry Krumb School of Mines, Columbia University; Director, IUCRC for Advanced
- Studies in Novel Surfactants, Director, Langmuir Center for Colloids and Interfaces, Columbia University.
- Dr. P. Rama Rao, 1990. Former Secretary, Department of Science and Technology, Government of India.
- Prof. R. Chidambaram, 1991. Currently Principal Scientific Adviser to the Government of India; Former Director,
- Bhabha Atomic Research Centre, Former Chairman, Atomic Energy Commission of India.
- Prof. V. J. Modi, 1992. Former professor, Researcher in space dynamics, control, fluid mechanics, and biomechanics. University of British Columbia.
- Dr. N Seshagiri, 1993. Former Director General, National Informatic Centre, New Delhi.
- Dr. M. Ramamoorthy, 1994. Former Director General of Central Power Research Institute and former Director of
- Electrical Research and Development Association, Vadodara).
- Prof. R. Kumar, 1995. Emeritus Professor, Department of Chemical Engineering, IISc.
- Prof. M.A. Viswamitra, 1996. Emeritus Professor, Department of Physics, IISc.
- Dr. R.R. Tummala, 1997. Director, Packaging Research Center, Georgia Tech.

- Dr. V. K. Aatre, 1998. Former director, DRDO, Former Scientific Adviser to Defense Minister, and Former Secretary, Department of Defense Research & Development, Ministry of Defence, New Delhi.
- Prof. G. Padmanabhan, 1999. Former Director, Page on i.i.sc.
- Dr. Ramadas P. Shenoy, 2000. Former Director of Electronics and Radar Development Establishment (LRDE) and 'Distinguished Scientist' of DRDO.
- Prof. P. Ramachandra Rao, 2001. Vice-Chancellor, Banaras Hindu University, Varanasi.
- Prof. S. S. Iyengar, 2001. Chairman and Professor, Computer Science Dept., Louisiana State University, USA.
- Prof. Satya N. Atluri, 2002 Director, Center for Aerospace Research and Education, University of California, Irvine, USA.
- Prof. A. Sridharan. 2002, Formerly Deputy Director and Advisor, IISc.
- Prof. K. R. Sreenivasan, 2003. International Center for Theoretical Physics.
- Prof. Brij M. Moudgil, 2003. Director of the Engineering Research Center for Particle Science and Technology, University of Florida, USA.
- Prof. H.S. Mukunda, 2004. Honorary Advisor, ABETS, Combustion, Gasification & Propulsion Laboratory of Aerospace Engineering, Indian Institute of Science.
- Prof. B.L. Deekshatulu, 2004. Former director, National Remote Sensing Agency, India, Hyderabad. Former Director of Centre for Space Science and Technology Education in Asia and the Pacific (CSSTE-AP), Affiliated to the United Nations, Indian Institute of remote sensing Campus, Dehra Dun. Visiting Professor, Department of Computer & Information Science, University of Hyderabad.
- Prof. M. Vijayan, 2005. Hon. Professor & Distinguished Biotechnologist, Molecular Biophysics Unit, Indian Institute of Science.
- Dr. Ashok k. Sinha, 2005. Senior Vice President and General Manager, Applied Material inc., USA.
- Sunil Kumar: Dean of The University of Chicago Booth School of Business
- Umeshwar Dayal, director of the HP Labs Information Analytics Lab
- Shamkant Navathe (co-author of the famous Elmasri-Navathe book on databases)
- C Pandu Rangan (known for Cryptography)
- Sargur N. Srihari (know for pattern recognition)
- Narendra Ahuja Computer Vision and Robotics Laboratory, Beckman Institute, UIUC
- Ram Akella Home | Ram Akella (known for data Mining, e-commerce)
- B.L.Deekshatulu's profile (known for work in neural nets, AI)
Biography of Professor Raj Jain (One of the most cited authors in Computer Science, also the author of the celebrated book "'Art of Computer Systems Performance Analysis").

Notable faculty

- Two former directors, C. V. Raman and C. N. R. Rao, have been awarded India's highest civilian honour Bharat Ratna.
- Four former directors, Sir A. G. Bourne, Sir Martin O. Forster, C. V. Raman and J. C. Ghosh, have been knighted.
- Among the IISc alumni, there are three Rhodes Scholars, several Fellows of the Royal Society, and thousands of members of Indian and foreign Academy of Sciences.
- Hundreds of IISc faculty members have also received the Shanti Swarup Bhatnagar Prize for Science and Technology awarded to Indians who have made outstanding contributions under 45 years of age.

VIT

Vellore Institute of Technology (VIT), informally **VIT University**, formerly **Vellore Engineering College** is a private deemed university institute located in the outskirts of Vellore, Tamil Nadu, India. Founded in 1984, as Vellore Engineering College, by G. Viswanathan.

The institution offers 20 undergraduate, 34 postgraduate, four integrated and four research programs. It has campuses in Vellore and Chennai (Tamil Nadu), Bhopal (Madhya Pradesh), and Amaravati (Andhra Pradesh)

VIT admits students through its own engineering entrance exam, called the Vellore Institute of Technology Engineering Entrance Examination (VITEEE). It is conducted every year in the month of April and May. The exam has been conducted online since 2013 and in 2018 212,000 students have registered.

Although VITEEE may be considered easier than JEE Main and JEE Advanced, it is also considered more difficult than other exams, such as SRM University's SRM JEEE.

VIT's main campus in Vellore is on 250 acres of land. It is divided by the Chennai–Bangalore railway line. The campus resembles a city, with lake, gardens, lawns, residential complexes, food courts, hair salons and wide roads. The campus has its own water supply and backup electricity supply along with shopping complexes to cater to the needs of residents.

Two main college fests are conducted in VIT: Gravitas and Riviera.

GRAVITAS is a techfest (technology-oriented festival) conducted in August / September.

RIVIERA is a sports and cultural festival.

VIT-Amaravati campus

VIT is the first academic institute to set up a campus in Amaravati, the new capital city of Andhra Pradesh. The new state private university is called VIT-AP. VIT-AP has been allotted a 200-acre land parcel (in two phases), with VIT paying rs.50 crores towards the purchase of the first 100 acres. Construction of the first academic block has been completed and the first Men's hostel block construction is in the process, with classes commenced on July 2017.

The campus offers seven B.Tech programmes and a five-year M.Tech (Software Engineering) programme for students who have completed their 12th standard. Apart from these, research programmes including Ph.D. will be offered.

VIT-Bhopal Campus

Foundation stone for VIT Bhopal campus at Sehore, Madhya Pradesh was laid down by Shivraj Singh Chouhan (Chief Minister of Madhya Pradesh) on 20 October 2016.

Bhopal campus to be spread over an area of 100 acres with an investment of rs.500 crore (US\$77 million).

SRM

SRM Institute of Science and Technology, or **Sri Ramaswamy Memorial Institute of Science and Technology**, formerly **SRM University**, is a deemed university located in Chennai, Tamil Nadu, India. It was founded in 1985 as SRM Engineering College in Kattankulathur, under University of Madras.

It has 8 campuses, 4 in Tamil Nadu Kattankulathur, Ramapuram, Vadapalani, Tiruchchirappalli and others in Delhi NCR, Sonapat, Gangtok and Amaravati.

The institute gained deemed status during the 2003-2004 academic year and was renamed SRM Institute of Science and Technology. It became SRM University in 2006 following the permission by the UGC for Deemed to be Universities to be called as Universities. In 2017 it was renamed back as SRM Institute of Science and Technology following the UGC request to drop the "University" from the name.

SRM Institute of Science and Technology is approved by the University Grants Commission and is accredited by the National Assessment and Accreditation Council (NAAC). It has been given an overall A Grade by NAAC. Some programs in SRM Institute of Science and Technology are accredited by Accreditation Board for Engineering and Technology.

Prominent campuses of SRM

Kattankulathur Campus

The main campus at Kattankulathur consists of a College of Engineering and Technology, College of Medicine and Health Sciences, College of Science and Humanities and a School of Management.

Kattankulathur Campus also houses the SRM Medical College Hospital and Research Center. The SRM hospital can accommodate 1200 in-patients with 25 specializations in PG education in medical science.

The campus also accommodates the SRM Institute of Hotel Management, SRM Arts and Science College, Valliammai Engineering college (SRM Group) and Valliammai Polytechnic college.

Ramapuram Campus

The Ramapuram Campus of SRM Institute of Science and Technology is located at Ramapuram, Chennai. It houses three colleges, the Faculty of Engineering and Technology, SRM Dental College, and Easwari Engineering College. The campus also offers Bachelor of Architecture, MBA and Master of Technology courses.

Vadapalani Campus

Vadapalani Campus is located in the center of Chennai city. This campus houses the Faculty of Engineering and Technology, Faculty of Management Sciences, Faculty of MCA. The SRM Institute for Medical Sciences is also located within the campus.

Modinagar Campus

The 25-acre campus at Modinagar on Delhi-Meerut highway houses the faculties of Engineering & Technology, Management and Teacher Education.

SRM Institute of Science and Technology ranked 8th among engineering colleges in India by India Today in 2017 & 27 by Outlook India in 2017. The National Institutional Ranking Framework (NIRF) ranked it 46 in the engineering ranking in 2018, 27 in the pharmacy ranking, 41 among universities and 63 overall.

Notable alumni

- Abhay Jodhpurkar, singer
- Neeraj Madhav, actor
- Niveda Thomas, actor
- Murali Vijay, cricketer

BITS

Birla Institute of Technology & Science, Pilani (shortened **BITS Pilani** or **BITS**) is an Indian institute of higher education and a deemed university under Section 3 of the UGC Act 1956. The university has 15 academic departments, and focuses primarily on undergraduate education in engineering and the sciences and on its management programme.

The institute was established in its present form in 1964. During this period, the institute's transformation from a regional engineering college to a national university was backed by G.D. Birla. BITS has established centres at Pilani, Goa, Hyderabad and Dubai.

BITS conducts the all-India computerised entrance examination, BITSAT (BITS Admission Test), Admission is merit-based, as assessed by the BITSAT examination.

Since 2005, admission to BITS has been offered on the basis of the student's performance in the all-India entrance examination, the BITS Admission Test (BITSAT). For foreign students, BITS accepts the SAT and SAT Subject Tests in chemistry, physics, and Math 2C. To be eligible for admission, students are required to obtain a minimum of 75% marks in physics, chemistry and mathematics (with a minimum grade of 60 percent in each subject) in their higher secondary examination.

BITS Model United Nations Conference (BITS MUN) is one of the largest MUN conferences in the country. Organized annually in Pilani, BITS MUN attracts experienced and first time MUN participants from colleges and schools all over the globe. The conference was founded in 2007 as a grassroots project aimed at introducing Model UN to students who otherwise would not have the opportunity to participate in this experience. It has in the current past been expanding to an increasing number of colleges and schools from all parts of the world to encourage greater participation in an activity that brings together knowledge in international relations and interpersonal skills.

BITS-Dubai campus

Admission to Birla Institute of Technology and Science, Pilani – Dubai Campus is solely based on scores in the 12th standard qualifying exam. Although the BITS Pilani-Dubai campus was established for the educational requirements of the Gulf Cooperation Council countries, admission is open to students of all nationalities.

BITS Pilani is a partner in developing the Journal Server open-access digital library, Project IPV6 and the MIT iCampus initiative.

Rankings

Times (World) (2018)- 801-1000

NIRF (Overall) (2018)- 19

NIRF (Engineering) (2018)- 17

Famous Alumni of BITS

- Baba Kalyani- Chairman of Bharat Forge
- Sanjay Mehrotra- President and co-founder of SanDisk
- Vijay Chandru- Cofounder and CEO, Strand Life Sciences; Inventor of Simputer
- Prithviraj Chavan- Former Chief Minister of Maharashtra.
- Gulu L Mirchandani- Founder and CEO of Onida Electronics
- Rakesh Kapoor- CEO of Reckitt Benckiser
- Sunil Duggal- CEO of Dabur
- G. Ravindra Kumar - Senior professor - Tata Institute of Fundamental Research
- Manu Sawhney- CEO of ESPN Star Sports, Director of Manchester United F.C.
- Rajesh Hukku- Chairman and CEO of i-flex Solutions; named Star of Asia by Businessweek in 2003
- Vivek Paul-Consulting Professor at Stanford; founder of KineticGlue; partner at TPG; Vice Chairman of Wipro Ltd.; CEO of Wipro Technologies; named one of the world's ten best managers by Businessweek (2003), Top 30 Global CEOs by Barrons in 2005, and "2004 Business influentials" by Time
- SK Roongta- Chairman of Steel Authority of India Ltd.
- Saket Agarwal- CEO of Spice Digital
- Vinod Agarwal- Founder and chairman of SEMINDIA, India's first semiconductor fab; founder and former Chairman of LogicVision (\$100 million NASDAQ traded company: LGVN).
- Rajiv Bapna- Founder and Director of AMKETTE, a storage media company
- Sabeer Bhatia- Founder of Hotmail (sold to Microsoft for \$400 million); joined Caltech after two years of study in BITS Pilani
- Phanindra Sama- Co-founder and CEO of Redbus.in, online bus-ticketing company
- Prof. S. P. Kothari- Deputy Dean of MIT Sloan School of Management
- Prof. Krishna Saraswat- Stanford University
- Prof. Ravi Gomatam-Director of Bhaktivedanta Institute[6] and Institute of Semantic Information Sciences and Technology, Berkeley and Mumbai
- Deendayal Upadhyaya- President of Bharatiya Jana Sangh
- Sanjay Jalona- CEO and MD of L&T Infotech
- Sanjay V. Padode- Secretary of Center for Developmental Education, Bengaluru
- Sharat Dhall- President of Yatra.com
- Dr. Sanjay Putrevu- Dean of College of Business, Cleveland State University
- Amitabh Chaudhry- MD and CEO of HDFC Standard Life Insurance Company Ltd

Manipal

Manipal (*maṇipāl*) is a town located 5 kilometres from Udipi district in Karnataka, India and is administered by the Udipi City Municipality. It is located in the part of Coastal Karnataka, about 63 km (39 mi) north of Mangalore and 8 km (5.0 mi) east of the Arabian Sea. From its location on a plateau, it commands a panoramic view of the Arabian Sea to the west and the Western Ghats to the east.

Manipal Academy of Higher Education has sister universities in Dubai, Mangalore, Sikkim, and Jaipur. It is a member of the Association of Commonwealth Universities.

Home to the Manipal Academy of Higher Education, the town attracts over twenty five thousand students every year. It is one of the most cosmopolitan towns of India, attracting students and faculty from around 60 countries. It is called the campus town by the locals.

Manipal gained prominence in the mid-1950s, when its founder Dr. T.M.A. Pai founded the Kasturba Medical College in 1953. He also founded the Manipal Institute of Technology in 1957, and later 21 other colleges, all of which became a part of Manipal Academy of Higher Education in 1993.

Manipal absorbs students from its score of MU-OET

Famous Alumni

- **Satya Nadella**, with a Bachelor's in Electronics and Telecommunications from Manipal Institute of Technology in 1987, was appointed CEO of Microsoft in February 2014. It makes him the most powerful Indian-born tech executive in the world, says Reuters. 'Satya's great achievement has done Manipal Institute of Technology and Manipal Academy of Higher Education proud,' beamed the University Chancellor, Dr Ramdas M Pai, upon hearing the news of Satya's appointment.
- **Vikas Khanna**, a 1991 alumnus of WGHSA Manipal, is an award winning Michelin-starred chef, restaurateur, filmmaker, humanitarian and the host of the TV show, MasterChef India (seasons 2 and 3). He is based in New York City, and in 2011, People magazine put Khanna in the list of "Sexiest Man Alive", and named him the "Hottest Chef of America". Khanna runs the foundation "South Asian Kids' Infinite Vision" (SAKIV) to focus on crises that demand urgent action such as tsunami and hurricane relief. "Vision of Palate" is another initiative by Khanna, a workshop developed to educate people with visual disabilities about the sense of taste, flavor and aromas.
- **Rajeev Suri** appointed as CEO of Nokia Solutions & Networks in 2014, passed out from Manipal Institute of Technology in 1989. Rajeev has presided over consistently improving results, leading to a successful turnaround and restructuring of Nokia, through difficult times.

TOP MAHARASHTRA ENGINEERING COLLEGES WHERE JEE SCORES HOLD CREDENCE (according to accreditation and the test score accepted)

1. Institute of Chemical Technology, Mumbai
AAAA+, Government, MHT CET , JEE Main
2. Bharati Vidyapeeth Deemed University College of Engineering, Pune
AAAA, MHT CET, BVPCET, JEE Main
3. GH Raison College of Engineering, Nagpur
AAAA, MHT CET, JEE Main
4. Maharashtra Institute of Technology, Pune
AAAA , MHT CET , JEE Main
5. Visvesvaraya National Institute of Technology Nagpur
AAAA, Government, JEE Main
6. Army Institute of Technology, Pune
AAA+ , JEE Main
7. Fr C Rodrigues Institute of Technology, Navi Mumbai
AAA+, MHT CET, JEE Main
8. Government College of Engineering, Aurangabad
AAA+, Government, MHT CET, JEE Main
9. KJ Somaiya College of Engineering, Mumbai
AAA+, JEE Main, MHT CET
10. MIT College of Engineering, Pune
AAA+, MHT CET, JEE Main
11. Mukesh Patel School of Technology Management and Engineering, Mumbai
AAA+, NPAT UG, JEE Main
12. Pune Institute of Computer Technology, Pune
AAA+, MHT CET, JEE Main
13. Shri Ramdeobaba College of Engineering and Management, Nagpur
AAA+, JEE Main, MHT CET
14. Vishwakarma Institute of Technology, Pune
AAA+, JEE Main, MHT CET
15. AISSMS College of Engineering, Pune
AAA, MHT CET, JEE Main
16. Dr DY Patil Institute of Engineering and Technology, Pune
AAA , JEE Main, MHT CET
17. Fr Conceicao Rodrigues College of Engineering, Mumbai
AAA , MHT CET , JEE Main

18. KE Society's Rajarambapu Institute of Technology, Sangli
AAA, MHT CET, JEE Main
19. Mahatma Gandhi Mission's Jawaharlal Nehru Engineering College, Aurangabad
AAA, MHT CET, JEE Main
20. MIT Academy of Engineering, Pune
AAA, JEE Main, MHT CET
21. Padmabhooshan Vasantraodada Patil Institute of Technology, Sangli
AAA, MHT CET, JEE Main
22. Pimpri Chinchwad College of Engineering, Pune
AAA, JEE Main
23. Pravara Rural Engineering College, Loni
AAA, MHT CET, JEE Main
24. Pune Vidhyarthi Griha's College of Engineering and Technology, Pune
AAA, MHT CET, JEE Main
25. Rajiv Gandhi College of Engineering and Research, Nagpur
AAA, MHT CET, JEE Main
26. Ramrao Adik Institute of Technology, Navi Mumbai
AAA, JEE Main
27. Shri Sant Gajanan Maharaj College of Engineering, Shegaon
AAA, MHT CET, JEE Main
28. Sinhgad College of Engineering, Pune
AAA, MHT CET, JEE Main
29. St Francis Institute of Technology, Mumbai
AAA, JEE Main
30. Symbiosis Institute of Technology, Pune
AAA, JEE Main
31. Tatyasaheb Kore Institute of Engineering and Technology, Kolhapur
AAA, MHT CET , JEE Main
32. Terna Public Charitable Trust's Terna Engineering College, Navi Mumbai
AAA, MHT CET, JEE Main
33. Vidyalkar Institute of Technology, Mumbai
AAA, JEE Main, MHT CET
34. Walchand Institute of Technology, Solapur
AAA, MHT CET, JEE Main
35. Yeshwantrao Chavan College of Engineering, Nagpur
AAA, JEE Main, MHT CET