

(To know the detail, please use URL mentioned below)

News on Science, Technology, Research and Innovation

1. IIT Bombay students design solar energy based house that runs on zero electricity

URL: <http://indiatoday.intoday.in/education/story/iit-bombay-solar-energy-house/1/1064769.html>

2. From the Lab: Why some bacteria multiply in certain set-ups and resist antibiotics

URL: <http://indianexpress.com/article/technology/science/from-the-lab-why-some-bacteria-multiply-in-certain-set-ups-and-resist-antibiotics-4881283/>

3. New 'body-on-a-chip' technique for quick drug testing developed

URL: <http://indianexpress.com/article/technology/science/new-body-on-a-chip-for-quick-drug-testing-developed-4882183/>

4. Now treat your back and knee pain with a robot masseuse

URL: <http://indianexpress.com/article/technology/science/now-treat-your-back-and-knee-pain-with-a-robot-masseuse-4883664/>

5. Japan launches latest satellite of terrestrial positioning system

URL: <http://indianexpress.com/article/technology/science/japan-launches-latest-satellite-of-terrestrial-positioning-system-4883731/>

6. AI system used to improve dialysis

URL: <http://indianexpress.com/article/technology/science/ai-system-used-to-improve-dialysis-4883770/>

7. IIT Kharagpur partners with Samsung for Digital Academy

URL: http://www.ptinews.com/news/9140668_IIT-Kharagpur-partners-with-Samsung-for-Digital-Academy.html

8. Coal formation almost turned Earth into a snowball: Study

URL: <http://indianexpress.com/article/technology/science/coal-formation-almost-turned-earth-into-a-snowball-study-4883850/>

9. Novel compound causes cancer to self-destruct

URL: <http://indianexpress.com/article/technology/science/novel-compound-causes-cancer-to-self-destruct-4883880/>

10. New nanotube material may help create hypersonic aircraft

URL: <http://indianexpress.com/article/technology/science/new-material-may-help-create-hypersonic-aircraft-4885405/>

11. Shortest, fastest light pulse ever developed

URL: <http://indianexpress.com/article/technology/science/shortest-fastest-light-pulse-ever-developed-4886832/>

12. LED lights could supplement WiFi, tech be called LiFi: Study

URL: <http://indianexpress.com/article/technology/science/led-lights-could-supplement-wifi-tech-be-called-lifi-study-4886916/>

13. Virtual humans can help PTSD victims open up more

URL: <http://indianexpress.com/article/technology/science/virtual-humans-can-help-ptsd-victims-open-up-more-4888811/>

14. Why is the Sun's atmosphere much hotter than its surface

URL: <http://indianexpress.com/article/technology/science/why-is-the-suns-atmosphere-much-hotter-than-its-surface-4889750/>

15. NASA: 5 Telangana students short-listed for Human Exploration Rover Challenge

URL: <http://www.newsnation.in/science-news/nasa-s-human-exploration-rover-challenge-telangana-student-short-listed-to-compete-in-huntsville-alabama-us-article-184163.html>

16. 5G wireless spectral efficiency using massive MIMO

URL: <https://www.theengineer.co.uk/promoted-content-5g-wireless-spectral-efficiency-using-massive-mimo/>

News on Education

1. APJ Abdul Kalam Technological University plans concept paper

URL: <http://www.deccanchronicle.com/nation/in-other-news/071017/apj-abdul-kalam-technological-university-plans-concept-paper.html>

2. Students voice dissent over sudden changes in rules for competitive exams
[URL: http://www.hindustantimes.com/mumbai-news/students-voice-dissent-over-sudden-changes-in-competitive-exams-such-as-jee-mains/story-LVgyIETGI0fgUbF8yDKZIN.html](http://www.hindustantimes.com/mumbai-news/students-voice-dissent-over-sudden-changes-in-competitive-exams-such-as-jee-mains/story-LVgyIETGI0fgUbF8yDKZIN.html)
3. AICTE wants closed private institutes to restart operations
[URL: http://www.deccanherald.com/content/636981/aicte-wants-closed-private-institutes.html](http://www.deccanherald.com/content/636981/aicte-wants-closed-private-institutes.html)
4. Fresh funding for educational institutes could be linked to NIRF rankings
[URL: http://www.moneycontrol.com/news/trends/current-affairs-trends/fresh-funding-for-educational-institutes-could-be-linked-to-nirf-rankings-2408155.html](http://www.moneycontrol.com/news/trends/current-affairs-trends/fresh-funding-for-educational-institutes-could-be-linked-to-nirf-rankings-2408155.html)
5. 'Muslim' from AMU, 'Hindu' from BHU should be dropped, says UGC
[URL: http://indiatoday.intoday.in/education/story/muslim-from-amu-hindu-from-bhu-should-be-dropped/1/1064531.html](http://indiatoday.intoday.in/education/story/muslim-from-amu-hindu-from-bhu-should-be-dropped/1/1064531.html)
6. Team SHUNYA of IIT Bombay is now set for the next challenge – to participate in Solar Decathlon 2018
[URL: http://indiaeducationdiary.in/team-shunya-iit-bombay-now-set-next-challenge-participate-solar-decathlon-2018/](http://indiaeducationdiary.in/team-shunya-iit-bombay-now-set-next-challenge-participate-solar-decathlon-2018/)
7. 2.24 lakh students to qualify for JEE Advanced 2018
[URL: http://indiatoday.intoday.in/education/story/jee-advanced-2018/1/1065328.html](http://indiatoday.intoday.in/education/story/jee-advanced-2018/1/1065328.html)
8. Fortune India: This school has been identified as one of top 50 institutes in India
[URL: http://indiatoday.intoday.in/education/story/top-50-schools-in-india/1/1064767.html](http://indiatoday.intoday.in/education/story/top-50-schools-in-india/1/1064767.html)
9. VAJRA faculty scheme: 260 applicants for government's visiting researcher programme
[URL: http://indianexpress.com/article/education/vajra-faculty-scheme-260-applicants-for-governments-visiting-researcher-programme-4881275/](http://indianexpress.com/article/education/vajra-faculty-scheme-260-applicants-for-governments-visiting-researcher-programme-4881275/)
10. JAB decides 4,000 more students eligible for JEE Advanced 2018
[URL: http://indianexpress.com/article/education/jee-advanced-2018-4000-more-students-eligible-exam-on-may-20-iit-kanpur-jee-adv-ac-in-4883052/](http://indianexpress.com/article/education/jee-advanced-2018-4000-more-students-eligible-exam-on-may-20-iit-kanpur-jee-adv-ac-in-4883052/)
11. University of Birmingham to begin MOOC on technical English for engineering students
[URL: http://indianexpress.com/article/education/university-of-birmingham-to-begin-mooc-on-technical-english-for-engineering-students-4884836/](http://indianexpress.com/article/education/university-of-birmingham-to-begin-mooc-on-technical-english-for-engineering-students-4884836/)
12. 7th Pay Commission: Cabinet clears pay panel recommendations for 8 lakh college and university teachers
[URL: http://indianexpress.com/article/india/cabinet-clears-7th-pay-panel-recommendations-for-8-lakh-central-state-varsity-teachers-4886013/](http://indianexpress.com/article/india/cabinet-clears-7th-pay-panel-recommendations-for-8-lakh-central-state-varsity-teachers-4886013/)
13. AICTE GPAT 2018: Registration to start from October 20, exam on January 20
[URL: http://indianexpress.com/article/education/aicte-gpat-2018-registration-to-start-from-october-20-exam-on-january-20/](http://indianexpress.com/article/education/aicte-gpat-2018-registration-to-start-from-october-20-exam-on-january-20/)
14. IGNOU 2018 admissions begin, know how to apply at ignou.ac.in
[URL: http://indianexpress.com/article/education/ignou-2018-admissions-begin-know-how-to-apply-at-ignou-ac-in/](http://indianexpress.com/article/education/ignou-2018-admissions-begin-know-how-to-apply-at-ignou-ac-in/)
15. IIM Ahmedabad teaches management through Panchatantra tales
[URL: http://indianexpress.com/article/education/iima-teaches-management-through-panchatantra-tales-4890493/](http://indianexpress.com/article/education/iima-teaches-management-through-panchatantra-tales-4890493/)
16. India announces 200 fellowships for scientists from neighbouring countries: ISRF 2018
[URL: http://www.cics.m.nic.in/ISRF%20Brochure%20-2018%20-%202019.pdf](http://www.cics.m.nic.in/ISRF%20Brochure%20-2018%20-%202019.pdf)
17. UPES students represent India at Moon-Mars exploratory mission in Poland
[URL: http://indiaeducationdiary.in/upes-students-represent-india-moon-mars-exploratory-mission-poland/](http://indiaeducationdiary.in/upes-students-represent-india-moon-mars-exploratory-mission-poland/)
18. Campus placements come under a cloud
[URL: http://www.thehindu.com/news/cities/chennai/campus-placements-come-under-a-cloud/article19859026.ece](http://www.thehindu.com/news/cities/chennai/campus-placements-come-under-a-cloud/article19859026.ece)
19. Engineering a new future
[URL: http://www.thehindu.com/sci-tech/science/s-k-ramesh-interview-nahla-nainar-tiruchi/article19853232.ece](http://www.thehindu.com/sci-tech/science/s-k-ramesh-interview-nahla-nainar-tiruchi/article19853232.ece)
20. Ailing engineering colleges get 3-year 'lifeline' to perform
[URL: https://timesofindia.indiatimes.com/city/jaipur/ailing-engineering-colleges-get-3-year-lifeline-to-perform/articleshow/61031075.cms](https://timesofindia.indiatimes.com/city/jaipur/ailing-engineering-colleges-get-3-year-lifeline-to-perform/articleshow/61031075.cms)

21. PM Modi's Rs 10,000 crore plan for Indian universities: 10 points

URL: <https://timesofindia.indiatimes.com/home/education/news/pm-modis-rs-10000-crore-plan-for-indian-universities-10-points/articleshow/61083381.cms>

Noble Prize Winners 2017

- Physics**-The Nobel Prize in Physics 2017 was divided, one half awarded to Rainer Weiss, the other half jointly to Barry C. Barish and Kip S. Thorne *"for decisive contributions to the LIGO detector and the observation of gravitational waves"*.
URL: https://www.nobelprize.org/nobel_prizes/physics/laureates/2017/
- Chemistry**-The Nobel Prize in Chemistry 2017 was awarded to Jacques Dubochet, Joachim Frank and Richard Henderson *"for developing cryo-electron microscopy for the high-resolution structure determination of biomolecules in solution"*.
URL: https://www.nobelprize.org/nobel_prizes/chemistry/laureates/2017/
- Physiology or Medicine**-The Nobel Prize in Physiology or Medicine 2017 was awarded jointly to Jeffrey C. Hall, Michael Rosbash and Michael W. Young *"for their discoveries of molecular mechanisms controlling the circadian rhythm"*.
URL: https://www.nobelprize.org/nobel_prizes/medicine/laureates/2017/
- Literature**-The Nobel Prize in Literature 2017 was awarded to Kazuo Ishiguro *"who, in novels of great emotional force, has uncovered the abyss beneath our illusory sense of connection with the world"*.
URL: https://www.nobelprize.org/nobel_prizes/literature/laureates/2017/
- Peace**-The Nobel Peace Prize 2017 was awarded to International Campaign to Abolish Nuclear Weapons (ICAN) *"for its work to draw attention to the catastrophic humanitarian consequences of any use of nuclear weapons and for its ground-breaking efforts to achieve a treaty-based prohibition of such weapons"*.
URL: https://www.nobelprize.org/nobel_prizes/peace/laureates/2017/
- Economic Sciences**-The Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel 2017 was awarded to Richard H. Thaler *"for his contributions to behavioural economics"*.
URL: https://www.nobelprize.org/nobel_prizes/economic-sciences/laureates/2017/press.html