

## Press Releases/ Magazine Coverage

- **News Coverage on Recent Publication**

Gupta et al., Nature Biomed. Eng., 2019, Just published

**Covered by Nature Biomed. Eng. as News and Views** (see link for

details: <https://www.nature.com/articles/s41551-019-0478-0>)

- **TU Braunschweig highlights Prof. Mandal's visit.**

Please see the link- <https://magazin.tu-braunschweig.de/m-post/besuch-aus-indien/>

- **Professor Swadhin Mandal was awarded with the *Shanti Swarup Bhatnagar Prize* for showing outstanding excellence in the fields of Chemical Science.**

Press coverage links regarding this are below-

[https://www.iiserkol.ac.in/media/filer\\_public/57/c9/57c92fd4-e037-4d9a-af55-1e7a67fc1721/ssbhatnagar\\_2018\\_press\\_release.pdf](https://www.iiserkol.ac.in/media/filer_public/57/c9/57c92fd4-e037-4d9a-af55-1e7a67fc1721/ssbhatnagar_2018_press_release.pdf)

<https://timesofindia.indiatimes.com/city/kolkata/iiser-kolkata-scientists-win-covetedaward/articleshow/66048411.cms>

<https://www.anandabazar.com/district/nadia-murshidabad/bhatnagar-winner-swadhin-mandals-family-is-very-happy-1.873200>

[https://www.youtube.com/watch?v=-2\\_EwxEaW8k](https://www.youtube.com/watch?v=-2_EwxEaW8k)

<https://www.facebook.com/www.iiserkol.ac.in/videos/a-live-discussion-with-director-iiserkolkata-and-winners-of-the-shanti-swarup-b/289298138372482/>

[https://www.youtube.com/watch?v=-2\\_EwxEaW8k](https://www.youtube.com/watch?v=-2_EwxEaW8k)

<https://www.youtube.com/watch?v=JR4U7-pmDcc>

<https://www.youtube.com/watch?v=eg8jiW5QDJ0>

<http://newsfromnadia.in/2-iiser-kolkata-scientists-get-shanti-swarup-bhatnagar-prize/>

<https://www.thehindubusinessline.com/news/science/thirteen-young-scientists-getshantiswarup-bhatnagar-prize/article25059839.ece> <http://www.hri.res.in/ssb2018.pdf>

<https://www.downtoearth.org.in/news/science-technology/prime-minister-confers-shantiswarup-bhatnagar-prizes-63409>

[http://www.ptinews.com/news/10070872\\_CSIR-announces-prestigious-ShantiSwarupBhatnagar-award.html](http://www.ptinews.com/news/10070872_CSIR-announces-prestigious-ShantiSwarupBhatnagar-award.html)

<https://www.thehindu.com/sci-tech/winners-ofshanti-swarup-bhatnagar-prize-for-science-andtechnology-2018announced/article25047874.ece>

<https://www.outlookindia.com/newscroll/csir-announces-prestigious-shanti-swarupbhatnagar-award/1391456>

<http://chemindigest.com/thirty-three-honored-with-shanti-swarup-bhatnagar-prize/>

<https://jobrefresher.com/current-affair/2018-September/28/jr-1043>

<http://afflatus.co.in/shantiswarup-bhatnagar-award/>

<https://bangaloremirror.indiatimes.com/opinion/sunday-read/meet-the-winners-of-this-yearsshanti-swarup-bhatnagar-prize-for-science-and-technology/articles>

<http://www.easternmirrornagaland.com/thirteen-young-scientists-get-shanti-swarupbhatnagarprize/>

<https://www.thehindubusinessline.com/news/science/thirteen-young-scientists-get-shantiswarup-bhatnagar-prize/article25059839.ece> <https://www.revolvy.com/page/List-ofShanti-Swarup-Bhatnagar-Prize-recipients>

[https://www.civilhindipedia.com/blogs/blog\\_post/shanti-swarup-bhatnagar-award-2018inhindi](https://www.civilhindipedia.com/blogs/blog_post/shanti-swarup-bhatnagar-award-2018inhindi)

[https://www.business-standard.com/article/pti-stories/csir-announces-prestigious-shantiswarup-bhatnagar-award-118092601375\\_1.html](https://www.business-standard.com/article/pti-stories/csir-announces-prestigious-shantiswarup-bhatnagar-award-118092601375_1.html)

### ***News Coverage on our recent work:***

- Ahmed et al. *J. Am. Chem. Soc.*, 2018, 140, 8330-8339  
This work was highlighted by [NatureIndia](#), [Chemistryworld](#). Links are below-

<https://www.natureasia.com/en/nindia/article/10.1038/nindia.2018.92>  
<https://www.chemistryworld.com/opinion/combining-lewis-acid-and-redox-catalysis/3009520.article>

- Sau et al. *Angewandte Chemie*, 2016, 55, 15147 –15151  
This work was highlighted by Press coverage, see some links below-

[http://zeenews.india.com/environment/indian-scientists-show-new-way-to-transform-co2-into-methanol\\_1947622.html](http://zeenews.india.com/environment/indian-scientists-show-new-way-to-transform-co2-into-methanol_1947622.html)  
<https://in.news.yahoo.com/indian-scientists-show-way-transform-co2-methanol-124406490.html> <http://economictimes.indiatimes.com/news/science/indian-scientists-show-new-way-to-transform-co2-into-methanol/articleshow/55313735.cms>  
<https://twitter.com/IndiaDST/status/796005939543359492>

- Pariyar et al. *J. Am. Chem. Soc. ASAP*, 2015

### **Coverage By Business Standard**

[http://www.business-standard.com/article/news-ians/eco-friendly-cars-running-on-air-indian-scientists-show-a-way-115050700407\\_1.html](http://www.business-standard.com/article/news-ians/eco-friendly-cars-running-on-air-indian-scientists-show-a-way-115050700407_1.html)

### **Coverage By IBN7**

<http://www.ibn7.com/science/item/99757-eco-friendly-cars-running-on-air-indian-scientists-show-the-way>

### **Coverage By The Statesman**

<http://www.thestatesman.com/mobi/news/science-and-tech/eco-friendly-cars-running-on-air-indian-scientists-show-the-way/61923.html>

### **Coverage By ZeeNews**

[http://zeenews.india.com/news/science/eco-friendly-cars-running-on-air-indian-scientists-show-the-way\\_1591587.html](http://zeenews.india.com/news/science/eco-friendly-cars-running-on-air-indian-scientists-show-the-way_1591587.html)

### **Coverage By Yahoo**

<https://in.news.yahoo.com/eco-friendly-cars-running-air-indian-scientists-show-100217976.html>

**Coverage By Crazyengineers**

<http://www.crazyengineers.com/threads/automobiles-powered-with-oxygen-a-step-closer-to-reality-with-indian-fuel-cell-research.80527/>

**Coverage By Delhi Daily News** <http://www.delhidailynews.com/news/Eco-friendly-cars-running-onair-Heres-how-1431082172/>

**Coverage By India Samvad**

<http://indiasamvad.co.in/eco-friendly-cars-running-on-air-indian-scientists-show-the-way/>

**Coverage By Kansas City Post, USA**

<http://www.kansascitypost.com/index.php/sid/232640257>

**Coverage By Indianapolis Post, USA**

<http://www.indianapolispost.com/index.php/sid/232640257>

**Coverage By Toronto Telegraph, CANADA**

<http://www.torontotelegraph.com/index.php/sid/232640257>

**Coverage By Seattle Indian, USA**

<http://www.seattleindian.com/seattle/newsdetail.asp?id=108597>

**Coverage By Maine Mirror, Portland, USA**

<http://www.mainemirror.com/index.php/sid/232640257>

**Coverage By Hawaii Telegraph, USA**

<http://www.hawaiitelegraph.com/index.php/sid/232640257>

**Coverage By Indusage, Melbourne, Australia**

<http://www.indusage.com.au/eco-friendly-cars-running-on-air-indian-scientists-show-the-way/>

***Raman et al. Nature , 2013., 493, 509-513***

**The work entitled “Interface-engineered templates for molecular spin memory devices” (Nature, 2013, 493, 509-513) has been briefed by following media coverage:**

**“Hope for molecule memory- Bengal-made compound for pocket-size storage”**

[http://www.telegraphindia.com/1130124/jsp/nation/story\\_16479071.jsp#.UQDogR04vZI](http://www.telegraphindia.com/1130124/jsp/nation/story_16479071.jsp#.UQDogR04vZI)

**“Spinning electronics on its head to boost computer memory”**

<http://www.deccanherald.com/content/307327/spinning-electronics-its-head-boost.html>

**“Molecule bed for future memory chips”**

<http://www.nature.com/nindia/2013/130124/full/nindia.2013.9.html>

**“You can store over 1,000 films in this device”**

<http://freepressjournal.in/you-can-store-over-1000-films-in-this-device/>

**“New molecules could bring super-dense, solid-state hard disk alternatives”**

[http://www.computerworld.com/s/article/9236088/New\\_molecules\\_could\\_bring\\_super\\_dense\\_solid\\_s\\_tate\\_hard\\_disk\\_alternatives](http://www.computerworld.com/s/article/9236088/New_molecules_could_bring_super_dense_solid_s_tate_hard_disk_alternatives)

**“Storing data in individual molecules: Molecular memory near room temperature”**

<http://phys.org/news/2013-01-individual-molecules-molecular-memory-room.html>

**“Storing data in individual molecules”** <http://web.mit.edu/newsoffice/2013/storing-data-inindividual-molecules.html>

**“New Molecules Could Bring Super-Dense, Solid-State Hard Disk Alternatives”**

<http://www.computerworld.in/news/new-molecules-could-bring-super-dense-solid-state-hard-diskalternatives-63562013>

**“New Method of Producing Nanomagnets for Information Technology”**

<http://www.sciencedaily.com/releases/2013/01/130123133618.htm>

**“New Molecular Memory May Produce Cheaper Storage Options”**

<http://www.thegurureview.net/tag/cloud-storage>

**“Exciting New Data Storage Tech Can Cut Down On Waste, Conserve Resources”**

<http://www.colocationutah.net/tag/molecular-memory/>

**“New Possibilities in Molecular Data Storage with Advent of Special Molecule”**

<http://hybridhostingcloud.com/new-possibilities-in-molecular-data-storage-with-advent-ofspecial-molecule/>

**“Scientists find storage in molecules”**

<http://newindianexpress.com/cities/bangalore/article1435869.ece>

**“Molecular Memory Promises Another 1,000-Fold Increase In Storage Density”**

<http://www.infiniteunknown.net/category/technology/page/2/> **“Molecular**

**Layers of Data: the Next Frontier of Storage?”**

<http://www.infiniteunknown.net/category/technology/page/2/>

**“Storing data in individual molecules near room temperature”**

<http://www.tumblr.com/tagged/graphene>

**“Molecular Memory Makes Waves in a Lab at MIT”**

<http://californiahosting.net/molecular-memory-makes-waves-in-a-lab-at-mit/>

**“Organic molecular level spin memory works at room temperature”**

<http://www.unigoettingen.de/en/422378.html>

**“Specially Created Molecule Opens Doors in Molecular Memory Research”**

<http://www.cloudhosting.cm/specially-created-molecule-opens-doors-in-molecular-memoryresearch/>

**“New Possibilities in Molecular Data Storage with Advent of Special Molecule”**

<http://hybridhostingcloud.com/>

**“Molecular Memory Breaks New Ground in a Lab at MIT”**

<http://www.saascloudhosting.com/molecular-memory-breaks-new-ground-in-a-lab-at-mit/>

**“Newly Created Molecule Breaks New Ground Molecular Memory Research”**

<http://www.pcicloudhosting.com/newly-created-molecule-breaks-new-ground-molecularmemory-research/>

**“Molecular Memory Means An Improved Solution to Storing Data in Data Centers”**

<http://www.dellcloudhosting.com/tag/molecular-memory/>

**“An Exciting New Way to Store Data: Molecular Memory”**

<http://www.utahcollocation.com/2013/01/an-exciting-new-way-to-store-data-molecularmemory/>

**“Molecular storage devices have become easier”**

<http://techtchboom.com/molecularstorage-devices-have-become-easier.html>

**“Magnetic “Sandwich” Could Boost Superfast Computers Development”**

<http://www.irb.hr/eng/Izdvojeno/Magnetic-Sandwich-Could-Boost-Superfast-Computers-Development>

**“Personal molecule: a data store of the future”**

<http://techn4all.com/technology-gadgets-mobile-phones/personal-molecule-a-data-store-ofthe-future/>

### ***Press Coverage on Earlier Work:***

Nanotubes.” (*Chem. Mat.* **2005**, *17*, 3235–3241) had received following media coverage:

**Discover Magazine:** This work has been selected as one of the top 100 science stories (placed as No. 8 among the list of 100 most important discoveries) for the year 2005 by

*Discover Magazine* and published in “Year in Science” issue of Discover Magazine (published in 2006-January.).

**“Carbon Nanotubes Burst Out of the Lab”**

(<http://discovermagazine.com/2006/jan/technology/>)

Press release published by “*American Chemical Society*” –*Health and Medicine Section*

“**Nanotubes Inspire New Technique for Healing Broken Bones**”,

(<http://www.medicalnewstoday.com/articles/27118.php>)

Press release by “*University of California, Riverside*” “**Carbon Nanotubes Could Aid Human Bones on the Mend**”, ([http://newsroom.ucr.edu/news\\_item.html?action=page&id=1123](http://newsroom.ucr.edu/news_item.html?action=page&id=1123))

**The work entitled “A Bone Mimic Based on the Self**

Assembly of Hydroxyapatite on Chemically Functionalized Single-Walled Carbon

**More links:**

[http://prerefinement3.rssing.com/chan-3380036/all\\_p443.html](http://prerefinement3.rssing.com/chan-3380036/all_p443.html)

<http://tutorfreebr.blogspot.in/2013/01/nanomagnetos-dados-sao-gravados.html>

<http://www.secretsofthefed.com/memory-boost-molecular-memory-1000-fold-increase-in-data-storagecapacity/>

<http://www.storagenewsletter.com/news/miscellaneous/storing-data-in-individual-molecules>

<http://in.news.yahoo.com/hope-molecule-memory-220041673.html>

<http://news.idg.no/cw/art.cfm?id=1DAED35B-966A-78E2-A3BF6FB65FE403BD>

[http://bostinno.com/2013/01/25/imagine-storing-350k-songs-on-a-molecule-how-mit-researchers-pushed-thelimits-](http://bostinno.com/2013/01/25/imagine-storing-350k-songs-on-a-molecule-how-mit-researchers-pushed-thelimits-of-data-storage/#ss_288935_170540_0_ss)

[of-data-storage/#ss\\_288935\\_170540\\_0\\_ss http://talesfromthelou.wordpress.com/2013/01/24/storing-](http://talesfromthelou.wordpress.com/2013/01/24/storing-data-in-individual-molecules/)

[data-in-individual-molecules/ http://www.tumblr.com/tagged/data%20storage](http://www.tumblr.com/tagged/data%20storage)

<http://newindianexpress.com/cities/bangalore/article1435869.ece>

<http://smarterplanet.tumblr.com/post/41390905645/storing-data-in-individual-molecules-near-room>

<http://suryarpraveen.wordpress.com/2013/01/29/individual-molecules-storage-devices-of-the-future/>

<http://www.digimars.net/computer-science/storing-data-in-individual-molecules.html>

<http://hutchisoneffect.ca/wordpress/?p=65609> <http://www.infiniteunknown.net/tag/science/>

Press release by ‘*ScienCentralNews*’ “**Nano Bones**” and

([http://www.sciencentral.com/articles/view.php3?language=english&type=article&article\\_id=218392609](http://www.sciencentral.com/articles/view.php3?language=english&type=article&article_id=218392609))

Press release by ‘*Wired Magazine*’ “**Nanotubes May Heal Broken Bones**”.

(<http://www.wired.com/medtech/health/news/2005/08/68512>)