



NEWS LETTER  
2020-21

# Dotpitch



**ACET**

**Department of  
Computer  
Science &  
Engineering**

**ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY**

**ISSUE 9<sup>th</sup>**

## FROM HOD'S DESK



**Dr. M. S. Khatib**  
HEAD OF DEPARTMENT

I am really very proud and delighted to bring out this year's issue of "Departmental Newsletter - Dotpitch", which provides a platform for students and staff to share information. Our department has a team of qualified and experienced faculty and staff members we are striving hard continuously to improve upon the quality of education and to maintain its position of leadership in engineering and technology.

Computer Science is a fascinating subject, and one that is now indispensable in our lives. Almost every aspect of modern life involves computing - from mobile phones, TVs, planes, trains and cars, to gaming, security and medicine etc. Digital India is a campaign launched by the Government of India to ensure that Government services are made available to citizens electronically by improved online infrastructure and by increasing Internet connectivity or by making the country digitally empowered in the field of technology. Looking to the future initiatives such as "Internet of Things (IOT)" will connect us all through small portable devices, enhancing social networking and allowing us to exchange audio and video data from our daily lives. Computer Science equips our staff & Students with the skills to have a great career ahead in the field of Digital India & Make in India project etc.

The department provides platform for the students to achieve their career goals. Most of the students have participated in different activities & presented their projects at National level & are awarded. Their efforts are appreciable.

I admire the efforts taken by Editorial Board in presenting the thoughts of young engineers and best wishes.

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- From HOD's Desk
- Vision & Mission
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### Vision

To achieve excellent standards of quality education in the field of computer science and engineering, aiming towards development of ethically strong technical experts contributing to the profession in the global society.

### Mission

- To create outcome based education environment for learning and identifying career goals.
- Provide latest tools in a learning ambience to enhance innovations, problem solving skills, leadership qualities team spirit and ethical responsibilities.
- Inculcating awareness through innovative activities in the emerging areas of technology.

## Message from EDITOR



**Prof. Naisha Taban Khan**  
Assistant Professor

It is with immense pleasure that I was given the opportunity to work on the ninth edition of the departmental newsletter. This issue not only mirrors a department vision and mission but also highlights the events, activities and academic prowess and achievements, during the national lockdown. I do hope that this newsletter encourages many more students to use it as a platform to express their creativity. I sincerely hope that this edition makes for an interesting read.

I am thankful to principal Dr. S. M. Ali and Head of the Department Prof. M. S. Khatib for believing in me and giving me this opportunity.

# Placed Student

Sr. No	Name of the Student Placed	Name of the Employer
1	Jasmeet Singh Khokhar	Tata Consultancy Services
2	Piyush Sunil Lawatre	CODITAS, Pune Maharashtra
3	Rishabh Hingal	Nagarro software Pvt Ltd, Plot no 13, udyog vihar, sector - 18, Gurgaon, India
4	Ayesha sheikh ,	PERIFICIENT
5	saiyyad faizan ali	PERIFICIENT
6	Bushra fatema ghorl	PERIFICIENT
7	chahat sheikh	e-ZEST
8	Bushra fatema ghorl	JP morgan
9	Bushra fatema ghorl	WILLY-MTHREE
10	Bushra fatema ghorl	CAP GEMINI
11	Bushra fatema ghorl	e-ZEST
12	Tabish sheikh	Infostreach
13	MOHD ASAD SHEIKH	Infostreach
14	Mohd. Muzzamil	IDD
15	Mohd. Muzzamil	ACCENTURE
16	Nashra Qureshi	mphasis
17	Nashra Qureshi	Dhoot Transmission
18	Riza khan	TCS
19	shoa ansari	Dhoot Transmission
20	Arshin sheikh	Atos syntel
21	PUSHPAK goswami	TCS
22	Zeba Pathan	infosys
23	KADIR SHEIKH	PERSISTENT
24	NIDHAY INDURKAR	PERSISTENT
25	BENAZIR SHEIKH	INFOSYS
26	ANIS SHEIKH	LEADOWS
27	Mohd. Idrees Adil	TECH MAHINDRA
28	ANIS KHAN	Extended web apptech
29	Imbesat Asad	INFOSYS
30	RUCHIKA SRIKHANDI	INFOSYS

## Destroy 5G Before 5G Destroys Life on Earth



“We the undersigned scientists, doctors, environmental organizations and citizens from countries, urgently call for a halt to the deployment of the 5G (fifth generation) wireless network, including 5G from space satellites. 5G will massively increase exposure to radio frequency (RF) radiation on top of the 2G, 3G and 4G networks for telecommunications already in place. RF radiation has been proven harmful for humans and the environment. The deployment of 5G constitutes an experiment on humanity and the environment that is defined as a crime under international law.”

Telecommunications companies worldwide, with the support of governments, are poised within the next two years to roll out the fifth-generation wireless network (5G). This is set to deliver what is acknowledged to be unprecedented societal change on a global scale. We will have “smart” homes, “smart” businesses, “smart” highways, “smart” cities and self-driving cars. Virtually everything we own and buy, from refrigerators and washing machines to milk cartons, hairbrushes and infants’ diapers, will contain antennas and microchips and will be connected wirelessly to the Internet. Every person on Earth will have instant access to super-high-speed, low-latency wireless communications from any point on the planet, even in rainforests, mid-ocean and the Antarctic.

What is not widely acknowledged is that this will also result in unprecedented environmental change on a global scale. The planned density of radio frequency transmitters is impossible to envisage. In addition to millions of new 5G base stations on Earth

and 20,000 new satellites in space, 200 billion transmitting objects, according to estimates, will be part of the Internet of Things by 2020, and one trillion objects a few years later. Commercial 5G at lower frequencies and slower speeds was deployed in Qatar, Finland and Estonia in mid-2018. The rollout of 5G at extremely high (millimetre wave) frequencies is planned to begin at the end of 2018.

Despite widespread denial, the evidence that radio frequency (RF) radiation is harmful to life is already overwhelming. The accumulated clinical evidence of sick and injured human beings, experimental evidence of damage to DNA, cells and organ systems in a wide variety of plants and animals, and epidemiological evidence that the major diseases of modern civilization—cancer, heart disease and diabetes—are in large part caused by electromagnetic pollution, forms a literature base of well over 10,000 peer-reviewed studies.

If the telecommunications industry’s plans for 5G come to fruition, no person, no animal, no bird, no insect and no plant on Earth will be able to avoid exposure, 24 hours a day, 365 days a year, to levels of RF radiation that are tens to hundreds of times greater than what exists today, without any possibility of escape anywhere on the planet. These 5G plans threaten to provoke serious, irreversible effects on humans and permanent damage to all of the Earth’s ecosystems. Immediate measures must be taken to protect humanity and the environment, in accordance with ethical imperatives and international agreements.

**Sourabh Phulpagar**  
7-A CSE



# White Holes', Black Holes' Neglected Twins

## You've heard of black holes, but what about their inverted twins — white holes?

This visualization shows a jet blasting from a black hole near the speed of light. In theory, a white hole looks similar to a black hole, but instead of sucking matter in, a white hole pushes matter away.

White holes were long thought to be a figment of general relativity born from the same equations as their collapsed star brethren, black holes. More recently, however, some theorists have been asking whether these twin vortices of spacetime may be two sides of the same coin.

To a spaceship crew watching from afar, a white hole looks exactly like a black hole. It has mass. It might spin. A ring of dust and gas could gather around the event horizon — the bubble boundary separating the object from the rest of the

universe. But if they kept watching, the crew might witness an event impossible for a black hole — a belch. "It's only in the moment when things come out that you can say, 'ah, this is a white hole,'" said Carlo Rovelli, a theoretical physicist at the Centre de Physique Théorique in France.

Physicists describe a white hole as a black hole's "time reversal," a video of a black hole played backwards, much as a bouncing ball is the time reversal of a falling ball. While a black hole's event horizon is a sphere of no return, a white hole's event horizon is a boundary of no admission — space-time's most exclusive club. No spacecraft will ever reach the region's edge.

Objects inside a white hole can leave and interact with the outside world, but since nothing can get in, the interior is cut off cut off from the universe's past: No outside event will ever affect the inside. "Somehow it's more disturbing to have a singularity in the past that can affect everything in the outside world," said James Bardeen, a black-hole pioneer and professor emeritus at the University of Washington.

Why white holes might exist

For a while, white holes seemed to share the fate of wormholes — mathematically permissible contortions of space-time likely

prohibited by reality. But in recent years, some physicists have brought white holes back in an attempt to save their darker siblings from an unseemly death.

Ever since Stephen Hawking realized in the 1970s that black holes leak energy, physicists have debated how the entities could possibly shrivel up and die. If a black hole evaporates away, many ask, what happens to the internal record of everything it swallowed? General relativity won't let the information out and quantum mechanics forbids its deletion.

"How does a black hole die? We don't know. How is a white hole born? Maybe a white hole is the death of black hole," Rovelli said. "The two questions join nicely, but you have to violate the general relativity equations in the passage from one to the other."

Rovelli is a founder of quantum loop gravity, an incomplete attempt to move beyond general relativity by describing space itself as built from Lego-style particles. Guided by tools from this framework, he and others describe a scenario where a black hole grows so small that it no longer obeys the common-sense rules of stars and billiard balls. On the particle level, quantum randomness takes over and the black hole could transform into a white hole.

**The ultimate white hole :** Alternatively, the aftermath of a white hole may exist everywhere. To black hole physicists, the Big Bang's explosion of matter and energy looks like potential white hole behavior. "The geometry is very similar in the two cases," Haggard said. "Even to the point of being mathematically identical at times."

Cosmologists call this picture the "the Big Bounce," and some seek characteristic white hole features in the universe's earliest observable light. Rovelli also wonders if violent radio bursts represent the cries of theoretical mini black holes left over from the Big Bang as they make an early transition into white holes (although this explanation appears increasingly unlikely).

# Faculty Publication - 2020-21

Sr. No.	Title of paper	Name of the author/s	Dept. of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
1	Secured Location-Based Rewarding System By Using AWS	Prof: Kamlesh Kelwade	CSE	International Journal for Science and Advance Research in Technology (IJSART)	Volume-7 Issue in 6-June2021	ISSN [ONLINE]: 2395-1052	<a href="http://ijsart.com/Home/IssueDetail?id=48840">http://ijsart.com/Home/IssueDetail?id=48840</a>
2	Healthcare Disease Prediction System and Alternative Medicine for Users	Prof: Kamlesh Kelwade	CSE	International Journal of Innovative Research in Computer and Communication Engineering (IJRCCE)	Volume-9 Issue 6 June2021	e-ISSN: 2320-9801, p-ISSN: 2320-9798 Impact Factor: 7.542	<a href="http://ijrcce.com/admin/main/storage/app/pdf/YannETvmUrIXQoBFqelXuBem4l1ENd3nQObYAwj.pdf">http://ijrcce.com/admin/main/storage/app/pdf/YannETvmUrIXQoBFqelXuBem4l1ENd3nQObYAwj.pdf</a>
3	Helmet Safety Using IoT	Prof. Nazish Khan	CSE	International Research Journal of Modernization in Engineering Technology and Science (IJRMETS 2021)	Volume:03/ Issue:06/ June-2021	e-ISSN:2582-5208 Impact Factor- 5.355	<a href="https://www.irjmets.com/uploadedfiles/paper/volume3/issue_6_june_2021/11786/1628083476.pdf">https://www.irjmets.com/uploadedfiles/paper/volume3/issue_6_june_2021/11786/1628083476.pdf</a>
4	Masked Face Recognition	Prof. Itrat Fatema	CSE	International Journal of Advanced Research in Science, Communication & Technology	Volume 6, Issue 1, June 2021	ISSN: 2581-9429	<a href="https://ijarsct.co.in/june1.html">https://ijarsct.co.in/june1.html</a>
5	Security System Using Fingerprint Scanning	Prof. Kamlesh Kelwade	CSE	International Research Journal of Modernization in Engineering Technology and Science (IJRMETS 2021)	Volume 6, Issue 1, June 2021	ISSN: 2581-9429	<a href="https://ijarsct.co.in/june1.html">https://ijarsct.co.in/june1.html</a>
6	Covid data analysis and detection	Prof. Farheena Sheikh	CSE	International Research Journal of Modernization in Engineering Technology and Science (IJRMETS 2021)	Volume:03/ Issue:06/ June-2021	e-ISSN:2582-5208 Impact Factor- 5.354	<a href="https://www.irjmets.com/uploadedfiles/paper/volume3/issue_6_june_2021/12132/1628083488.pdf">https://www.irjmets.com/uploadedfiles/paper/volume3/issue_6_june_2021/12132/1628083488.pdf</a>
7	Open Piano Using Object Detection	Prof. Syed Rehan	CSE	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)	Vol. 10, Issue 5, May 2021	ISSN (Online) 2278-1021 ISSN (Print) 2319-5940	<a href="https://ijarcce.com/wp-content/uploads/2021/06/IJARCCCE.2021.105160.pdf">https://ijarcce.com/wp-content/uploads/2021/06/IJARCCCE.2021.105160.pdf</a>

# Faculty Publication - 2020-21

Sr. No.	Title of paper	Name of the author/s	Dept. of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
8	A Review on Temperature and Mask Scanning System	Prof. Syed Rehan	CSE	International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCCE)	Vol. 9, Issue 5, May 2021	e-ISSN: 2320-9801, p-ISSN: 2320-9798 Impact Factor: 7.488	<a href="http://ijirccce.com/admin/main/storage/app/pdf/6GbvoB4OvC8XbrefE61cIV6Q7BaH6hNpzlhmrGaW.pdf">http://ijirccce.com/admin/main/storage/app/pdf/6GbvoB4OvC8XbrefE61cIV6Q7BaH6hNpzlhmrGaW.pdf</a>
9	Applying Event Sourcing in Online Facilitation Tool	Prof. Imteyaz Shahzad	CSE	International Journal of Research in Engineering Science and Management	Volume:04/ Issue:06/ June-2021	ISSN: 2581-5792	<a href="https://www.journals.resaim.com/ijresm/article/view/815/785">https://www.journals.resaim.com/ijresm/article/view/815/785</a>
10	Worker's Safety Monitoring and Altering System	Prof. Farheena Sheikh	CSE	International Research Journal of Modernization in Engineering Technology and Science (IJRMETS 2021)	Volume:03/ Issue:06/ June-2021	e-ISSN:2582-5208 Impact Factor-5.355	<a href="https://www.irjmets.com/uploadedfiles/paper/volume3/issue_6_june_2021/11935/1628083481.pdf">https://www.irjmets.com/uploadedfiles/paper/volume3/issue_6_june_2021/11935/1628083481.pdf</a>
11	Effective Water Management System	Prof. Almas Ansari	CSE	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCCE)	Volume. 10, Issue 5, May 2021	ISSN (Online) 2278-1021 ISSN (Print) 2319-5941	<a href="https://ijarccce.com/wp-content/uploads/2021/06/IJARCCCE.2021.105138.pdf">https://ijarccce.com/wp-content/uploads/2021/06/IJARCCCE.2021.105138.pdf</a>
12	Image Steganography	Prof. Naisha Taban	CSE	International Journal of Advanced Research in Science, Communication and Technology	Vol. 06, Issue 1, June 2021	ISSN: 2581-9429	<a href="https://ijarsct.co.in/june1.html">https://ijarsct.co.in/june1.html</a>
13	Proud crowd A college social Network	Prof.Ritesh Shrivastav	CSE	International Journal of SCIENTIFIC RESEARCH IN SCIENCE AND TECHNOLOGY	IJSRST/ Certificate/ Volume 5/ Issue 7/6568	ISSN (Print) 2395-6011	<a href="https://ijsrst.com/PDF.php?id=6568&amp;v=5&amp;i=7&amp;y=2020&amp;m=March-April">https://ijsrst.com/PDF.php?id=6568&amp;v=5&amp;i=7&amp;y=2020&amp;m=March-April</a> UGC journal no 64011
14	Online application of automatic time table generator and classroom seating arrangement	Prof.Ritesh Shrivastav	CSE	International Journal of SCIENTIFIC RESEARCH IN SCIENCE AND TECHNOLOGY	IJSRST/ Certificate/ Volume 5/ Issue 7/ 6485 21 march 2020	ISSN (Print) 2395-6011	<a href="https://ijsrst.com/IJSRST205720">https://ijsrst.com/IJSRST205720</a> UGC journal no 64011

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Sr. No.	Title of paper	Name of the author/s	Dept. of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
15	online auction	Prof. Ritesh Shrivastav	CSE	IJSRD	20-04-2020	ISSN ONLINE 23210613	<a href="http://www.ijsrd.com/articles/IJSRDV8I20091.pdf">http://www.ijsrd.com/articles/IJSRDV8I20091.pdf</a>
16	Performance Improvement in Adaptive Routing Strategy in Mobile Adhoc Network	Prof. Samina Anjum	CSE	Indexed in Scope Database	12-01-2021	ISSN Online: 2347-5099	<a href="https://iaeme.com/MasterAdmin/Journal_uploads/IJRCAIT/VOLUME_3_ISSUE_1/IJRCAIT_03_01_002.pdf">https://iaeme.com/MasterAdmin/Journal_uploads/IJRCAIT/VOLUME_3_ISSUE_1/IJRCAIT_03_01_002.pdf</a>
17	CV Ranking System and Portfolio Detection	Prof. Naisha Taban	CSE	International Journal of Advance in Engineering & Management	Vol. 02, Issue 01, pp-01-05	ISSN: 2395-5252	<a href="https://ijarsct.co.in/june1.html">https://ijarsct.co.in/june1.html</a>

## Events organized in 2020-21

Sr. No.	Name of Event	Date of Event	Faculty Coordinator
1	Webinar AI and ML and its use cases	06-10-2020	Prof. Manish Assudani Prof. Ritesh Shrivastav Prof. Sadia Patka Prof. Imteyaz Shahzad Prof Anwarul Siddiqui
2	Webinar Deep learning and Convolution Neural Network'.	13-06-2020	Prof. Manish Assudani Prof. Ritesh Shrivastav Prof. Sadia Patka Prof. Imteyaz Shahzad Prof Anwarul Siddiqui
3	Faculty Development Programme on Moodle, IIT Bombay, Spoken Tutorial NMEICT.	14-09-2020 to 20-09-2020	Prof. Sadia Patka
4	Two Week Training Offered By IITB Spoken Tutorial On Java Conducted By ACET	13-03-21 to 20-03-21	Prof. Itrat Fatema
5	2 Week SDP on 'C' Language, in Association With Spoken Tutorial, IIT, Mumbai	February 2021	Prof. Samina Anjum
6	2 Week Sdp On Python 3.4.3, In Association	March 2021	Prof. Naisha Taban
7	National level e-QUIZ on Vansavardhan Din	23 /07/2020	Prof. Kamlesh Kelwade
8	E-quiz on account of "Engineers Day" 2020	15/09/2020 to 16/09/2020	Prof. Kamlesh Kelwade
9	Webinar on AWS	27/08/2020	Prof. Imteyaz Shahzad



**Teaching Staff Members with Principal & Head of Department**



**Non-Teaching Staff Members with Principal & Head of Department**



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