

# Newspaper Clips

May 3, 2011

Times of India ND 03-May-11 P-16

## Human powered vehicle designed

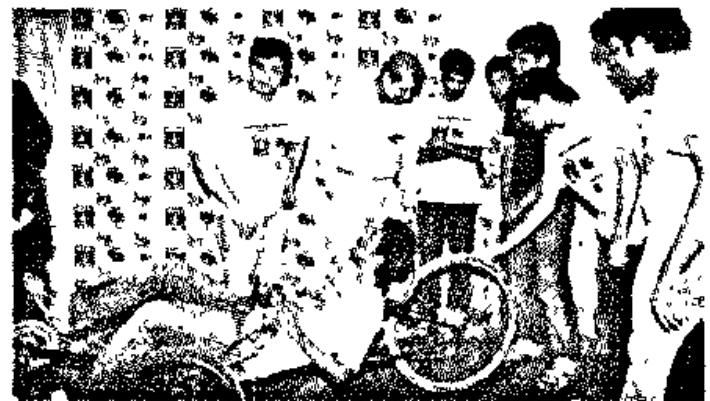


ONGC along with IIT Mumbai, has come out with an idea of developing 'Human Powered Vehicle' as an example of highly efficient and aerodynamic vehicle which utilizes only human energy to reach speeds of

over 60 kmph. The objective of this design is to showcase application of sound engineering design for human powered vehicles. As this project will save fuel if commercially developed, ONGC contributed Rs. 4 lakhs as CSR contribution for development activity. The students who are designing this vehicle will participate in the 'Human Powered Vehicle Challenge (HPVC)' competition organized by the American Society of Mechanical Engineers (ASME) in Montana State University, Bozeman, Montana, the USA, in the second week of May 2011. The vehicle with ONGC branding will travel to all IITs, major engineering institutes in India and finally to Montana State University, USA.

Hindustan Times ND 03-May-11

## ONGC and IIT to develop human powered vehicle



S Srikanthan, Head IT and HR, ONGC Mumbai (2nd from left) inspecting the vehicle and interacting with the students of IIT.

ONGC along with IIT, Mumbai has come out with an idea of developing a human powered vehicle as an example of highly efficient and aerodynamic vehicle which utilizes only human energy to reach speeds of

over 60 kmph. The objective of this design is to showcase application of sound engineering design for human powered vehicles. As this project will save fuel if developed, ONGC contributed Rs 4 lakh.

## Hindustan Times ND 03-May-11 P-19

### **PhD student of IIT-Kanpur dies while appearing in exam**

**KANPUR:** A PhD student of IIT-Kanpur died on Monday after he suffered a cardiac arrest while he was appearing for an examination. "Barun Mishra, 31, was at the exam hall when he suddenly complained of chest pain. The professor there immediately called up an ambulance and he was taken to the healthcentre located in the campus," Registrar of IIT-Kanpur, Sanjeev Kasalkar said.

## PAPERLEAK

# Engg exam on May 11 amid tight security

**CHANGE** Decision to delay test taken after CBSE received scores of petitions

Charu Sudan Kasturi

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**NEW DELHI:** Over 30,000 students who could not take the All India Engineering Entrance Examination (AIEEE) on May 1 after a question paper leak will now take the test on May 11 amid heightened security and candidate verification.

Battling a cluttered competitive examination schedule and concerns that cheats may try to misuse the retest, the Central Board of Secondary Education on Monday decided against holding the AIEEE re-examination on May 8 as it had announced on Sunday.

The decision to delay the retest was taken after the CBSE received scores of petitions from parents and students complaining of a clash with other competitive examinations on May 8, Board chairman Vineet Joshi said.

These include the Karnataka common entrance test COMEDK for engineering, medical and dental colleges.

"May 11 is a working day, but we have no choice given the clash with other examinations," Joshi said, assuring that the May 11 question paper will be of the same standard than the test taken by most students on May 1.

**May 11 is a working day, but we have no choice given the clash with other examinations.**

VINEET JOSHI  
CBSE chairman

The board is also worried that some candidates who gained insight into the standard and types of questions by taking the AIEEE on May 1 may take the May 11 test instead of genuine candidates — to boost scores for a fee.

The CBSE is putting in place additional security measures. "We are considering even video recording the test operation at sensitive centres and will be extra careful in verifying the identity of candidates," Joshi said.

The CBSE has also constituted a panel of experts consisting of its controller of examinations MC Sharma, Indian Institute of Technology Kanpur professor Falguni Gupta and former Delhi University controller of examinations BS Garg to probe the leak. It is expected to submit its findings in a month.

# Paper leak: Can take test on May 11

Manash Pratim Gohain | TNN

Sanjeev Rastogi

New Delhi: The All India Engineering/architecture Entrance (AIEEE) aspirants who could not appear in the entrance test conducted on Sunday because of the question paper leak in Lucknow will now have to sit for the exam scheduled to be conducted on May 11. Central Board of Secondary Education, the body which conducts this exam, has decided to postpone the date of exam by one more day so that the date does not clash with other entrance tests.

Around 32,400 candidates could not take the exams as the rescheduled timing of AIEEE on Sunday clashed with the timing of the Armed Forces Medical Course (AFMC) exam in the evening for which they were dual aspirants.

"Initially, we thought of May 8, which is a Sunday and later we decided on May 10. But we have been receiving lot of requests from parents and candidates not to reschedule the exams on May 8 and 10 as there are other medical and engineering entrances scheduled for those dates. So, we finally decided on May 11," said chairman of CBSE, Vineet Joshi.

The exam will be conducted across 38 cities from 9.30am to 12.30pm.



**SOME RELIEF:** CBSE finally decided on the AIEEE re-examination date after requests from parents and aspirants

According to CBSE officials, the board will allow only four categories of students to appear for the rescheduled exams. They are those who could not appear in the AIEEE exam because the exam centre where they were to appear was an AFMC exam centre also, those who could not appear in the AIEEE exam because they were to appear for AFMC exam at a different centre, those who could not appear in the AIEEE exam because of some administrative reasons and those who had applied for online mode of the exam but could not appear because of AFMC exam at different centres.

"For those who could not appear in the exam because the AIEEE exam centre was an AFMC exam centre also and centre could not conduct AIEEE exam the city, centres and roll numbers of such candidates will remain the same. For candidates who could appear in AIEEE as they were to appear in AFMC at a different centre or for other administrative reason they should register online on CBSE website for appearing in re-scheduled AIEEE exam. But there will be no change in their roll numbers," said Joshi.

Meanwhile, online mode candidates who could not take

the exam because of AFMC exam at different centres, such candidates should register online on CBSE website for appearing in re-scheduled AIEEE exam and they will have to appear for paper/pencil test only. Their roll number will also remain unchanged.

On the probe instituted by the Board, the chairman said that committee was supposed to submit the findings within four weeks. "The committee comprises experienced people and it will look into all the aspects leading to the paper leak. This is a serious matter," said Joshi.

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Times of India ND 03-May-11 P-19

## Tablet PCs to be must-haves for pilots

Toronto: The tablet may soon become a must-have device for pilots around the world. Canada's Sky Regional Airlines has become the first to equip its pilots with the iPad to chart their flight, get the most updated information and save on fuel. In fact, airline pilots used the iPads to operate their maiden Toronto-Montreal flight on Sunday.

Before the flight took off, Captain Carl Feldcamp told the local Toronto Star daily that airline has issued iPads to all captains, with an extra iPad for each cockpit. Two



© Mika/Corbis

**HANDY GADGET**

flight attendants on each flight have also been given iPads to check details about boarding times or gates or special meals.

With the iPad, he said, they don't need to carry heavy manuals filled with rules and regulations. Instead, he said, he taps on his iPad to check everything from flight plans to weather radar pictures.

The airline says that the iPad will also help it save on jet fuel by doing away with pounds of paperwork needed for updating information.

## Brain behind AIEEE paper leak identified

### **Press Trust of India**

*Lucknow, May 2*

The Uttar Pradesh police on Monday said the kingpin of the gang involved in leakage of AIEEE question paper belonged to Jaunpur district and has base in Ghaziabad and Mumbai.

"The leader of the gang, which leaked the All India Engineering Entrance Examination (AIEEE) paper on Sunday is a native of Jaunpur district with base in Ghaziabad and Mumbai, where he lived under pseudonym," Special Director General of Police, Mr Brij Lal, told reporters here.

He said other members of the gang were from Sasaram and Patna in Bihar and Ahmedabad in Gujarat.

"Detailed investigation is being done and names of the accused are not being disclosed to maintain secrecy," he said.

### **FIR**

He said that the Assistant Secretary of CBSE, Mr Karan Singh Saini, had lodged an FIR at Hazratganj police station in this connection.

"The case is being investigated by the local police and information about the gang is also being collected by the STF," he said.

AIEEE question papers were leaked in Uttar Pradesh and reportedly sold for Rs 6 lakh forcing the Central Board of Secondary Education to postpone the test by over two hours and provide over 12 lakh students across the country with fresh set of questions.

### **TASK FORCE**

UP Special Task Force's Senior Superintendent of Police Mr Vijay Prakash had said they received a copy of the question paper on Saturday night.

An STF team has already nabbed a person in Kappur in connection with the paper leak and took him to Lucknow for questioning. His identity was also not disclosed.

Business Standard ND 03-May-11 P-18

# ISRO STAKES CLAIM TO INDIA'S FASTEST SUPERCOMPUTER

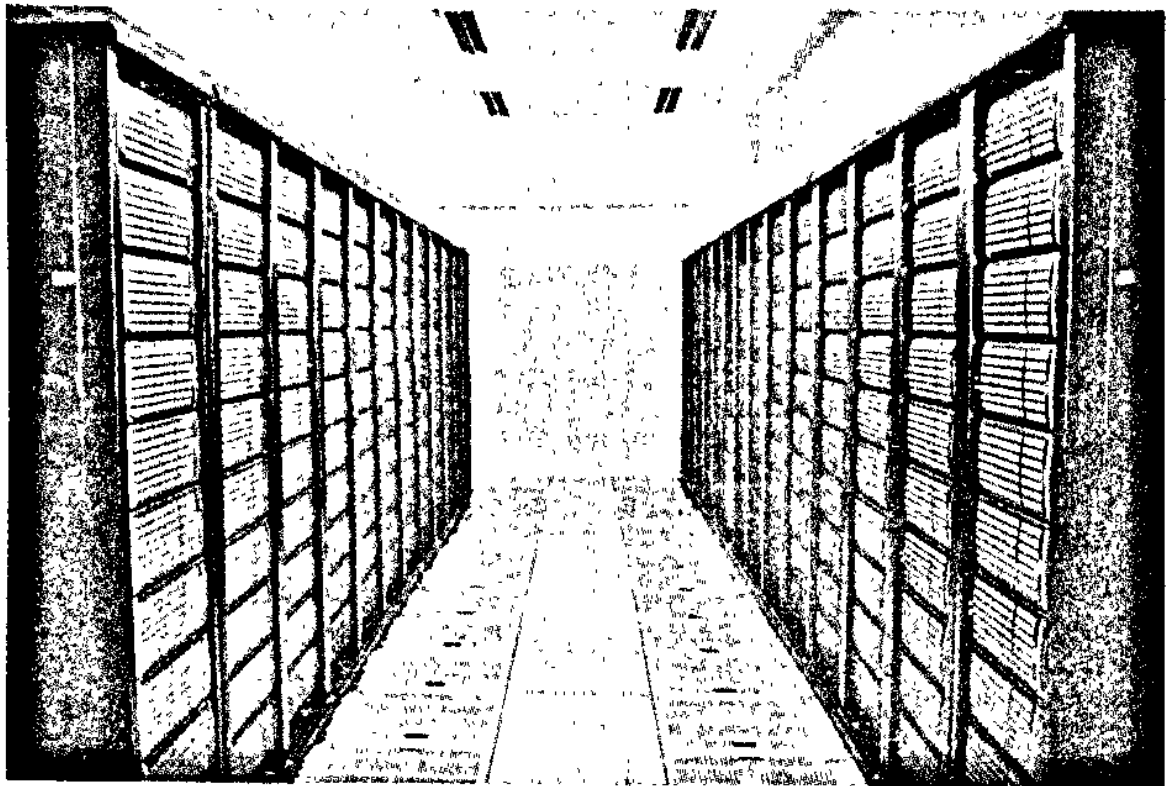
BS REPORTER  
Bangalore, 2 May

**T**he Indian Space Research Organisation (Isro) today announced it had built a supercomputer, India's fastest in terms of theoretical peak performance of 220 Trillion Floating Point Operations Per Second (TeraFLOPS).

The supercomputer christened 'SAGA-220', built by the the Satish Dhawan Supercomputing Facility located at Vikram Sarabhai Space Centre (VSSC), Thiruvananthapuram, for about ₹14 crore, was inaugurated by Isro Chairman K Radhakrishnan at VSSC today, Isro said in a statement.

The new Graphic Processing Unit (GPU) based supercomputer, 'SAGA-220' (Supercomputer for Aerospace with GPU Architecture-220 TeraFLOPS) is being used by space scientists for solving complex aerospace problems.

'SAGA-220' is designed and built by the VSSC using commercially-available hardware, open source software components and in-house de-



The supercomputer 'SAGA-220', built by the Satish Dhawan Supercomputing Facility at Vikram Sarabhai Space Centre (VSSC) in Thiruvananthapuram at a cost of ₹14 crore, after its inauguration by Isro Chairman K Radhakrishnan on Monday. PHOTO: PTI

velopments. The system uses 400 NVIDIA Tesla 2070 GPUs and 400 Intel Quad Core Xeon CPUs supplied by Wipro with high speed interconnect.

With each GPU and CPU providing a performance of 500 GigaFLOPS and 50 Gi-

gaFLOPS, respectively, the theoretical peak performance of the system amounts to 220 TeraFLOPS, the statement said. The present GPU system offers significant advantage over the conventional CPU-based system in terms of cost,

power and space requirements, it said.

The system is environmentally friendly and consumes only 150 Kw of power. This system can easily be scaled up to many PetaFLOPS (1,000 TeraFLOPS).

Rajasthan Patrika ND 3/05/2011

P-8

# डीजल से ज्यादा खतरनाक सीएनजी

आईआईटी मुंबई के प्रोफेसर ने जताई चिंता, बायो  
डीजल और सोलर पावर को बढ़ावा देने की राय

कार्यालय संवाददाता @ उदयपुर

कॉम्पैक्ट नेचुरल गैस यानी सीएनजी डीजल से ज्यादा खतरनाक है। मानव स्वास्थ्य पर डीजल के मुकाबले सीएनजी नौ गुना ज्यादा प्रभाव डालती है। ऐसे में अब बायो डीजल और सोलर पावर का उपयोग बढ़ाने पर विचार अत्यंत जरूरी हो गया है।

यह बात आईआईटी मुंबई के 'यातायात प्रबंधन' पर आधारित शोध में उभर कर आई है। राजस्थान पत्रिका की ओर से उदयपुर में चलाए जा रहे 'बेलगाम यातायात' समाचार अभियान से प्रेरणा लेकर शहर के एक मैनेजमेंट व इंजीनियरिंग इंस्टीट्यूट की ओर से आयोजित संगोष्ठी में आए आईआईटी मुंबई के प्रोफेसर एस.एल. धींगड़ा ने बताया कि सीएनजी में एक रेडियोएक्टिव तत्व [रेडियो आइसोटोप] होता है। यह सेहत के लिए खतरनाक है। डीजल का धुंआ तो नजर आता है, लेकिन सीएनजी का धुंआ नजर नहीं आता।

वह सीधे फेंफड़ों पर प्रहार करता है। इससे कैंसर हो सकता है।

...तो बढ़ जाएगी  
लागत

उन्होंने बताया कि यदि सीएनजी का प्रसंस्करण कर उसमें से वह रेडियोएक्टिव तत्व निकाला जाए तो सीएनजी की लागत इतनी बढ़ जाती है कि आम आदमी उसे वहन नहीं कर सकता। ऐसे में अन्य विकल्पों पर विचार करना जरूरी हो गया है।

बायो डीजल बेहतर  
विकल्प

सीएनजी के विकल्प के रूप में बायो डीजल का उपयोग बढ़ाया जा सकता है। इसके लिए रतनजोत और कैस्टर [अरण्डी] का तेल मुफीद है। रतनजोत तो बंजर भूमि पर आसानी से उगता है। सोलर एनर्जी से चलने वाले वाहनों का उपयोग भी बढ़ाना

होगा। यही नहीं, छोटे-छोटे वैयक्तिक वाहनों की सोच छोड़कर सामूहिक यात्रा वाहनों को बढ़ावा देना होगा।

फिलहाल महंगा है  
बायो डीजल

अभी बाजार में रतनजोत की दर 12 से 13 रुपए प्रति किलो है। इसके एक लीटर तेल पर 60-70 रुपए लागत आती है। जब तक इसकी दर 5 रुपए प्रति किलो नहीं हो जाती, तब तक इसका तेल आम आदमी की पहुंच में नहीं आएगा।

'सहकारिता आंदोलन  
की जरूरत'

इसके लिए सहकारिता आंदोलन की जरूरत है। सहकारी समितियां बसें खरीदें। रतनजोत से बायो डीजल खुद बनाएं और बसे चलाएं। इसी से बायो डीजल के उपयोग की रफ्तार बढ़ाई जा सकती है। -प्रो. एस.एल. धींगड़ा, आईआईटी मुंबई