



MANIT
BHOPAL

Registrar MANIT <registrar@manit.ac.in>

Fwd: Re: Most Immediate: Rajya Sabha Provisionally Admitted Starred/Unstarred Question Dy. No. S2586 to be answered on 25.07.2025 reg. "Indigenous AI data-sets"

4 messages

NITs Division, MoE Government of India <nit.edu@nic.in>

Tue, Jul 22, 2025 at 11:05 AM

To: nitadirector <nita.director@gmail.com>, registrarnita <registrarnita@rediffmail.com>, Establishment <Establishment@nita.ac.in>, director <director@mnnit.ac.in>, registrar <registrar@mnnit.ac.in>, director <director@manit.ac.in>, registrar <registrar@manit.ac.in>, director <director@nitc.ac.in>, registrar <registrar@nitc.ac.in>, director <director@admin.nitdgp.ac.in>, registrar <registrar@admin.nitdgp.ac.in>, director <director@nith.ac.in>, registrar <registrar@nith.ac.in>, director <director@mnnit.ac.in>, registrar <registrar@mnnit.ac.in>, director <director@nitj.ac.in>, registrar <registrar@nitj.ac.in>, director <director@nitjsr.ac.in>, registrar <registrar@nitjsr.ac.in>, director <director@nitkkr.ac.in>, registrar <registrar@nitkkr.ac.in>, director <director@vnit.ac.in>, registrar <registrar@vnit.ac.in>, director <director@nitp.ac.in>, registrar <registrar@nitp.ac.in>, director <director@nitrr.ac.in>, registrar <registrar@nitrr.ac.in>, director <director@nitrrkl.ac.in>, registrar <registrar@nitrrkl.ac.in>, director <director@nits.ac.in>, registrar <registrar@nits.ac.in>, director <director@nitsri.net>, registrar <registrar@nitsri.net>, director <director@svnit.ac.in>, registrar <registrar@svnit.ac.in>, director <director@nitk.edu.in>, registrar <registrar@nitk.edu.in>, director <director@nitt.edu>, registrar <registrar@nitt.edu>, director <director@nitw.ac.in>, registrar <registrar@nitw.ac.in>, director <director@nitap.ac.in>, registrar <registrar@nitap.ac.in>, director <director@nitdelhi.ac.in>, registrar <registrar@nitdelhi.ac.in>, director <director@nitgoa.ac.in>, registrar <registrar@nitgoa.ac.in>, director <director@nitmanipur.ac.in>, admin <admin@nitmanipur.ac.in>, director <director@nitm.ac.in>, registrar <registrar@nitm.ac.in>, director <director@nitmz.ac.in>, registrar <registrar@nitmz.ac.in>, director@nitnagaland <director@nitnagaland@gmail.com>, director <director@nitnagaland.ac.in>, registrar <registrar@nitnagaland.ac.in>, director <director@nitpy.ac.in>, registrar <registrar@nitpy.ac.in>, director <director@nitsikkim.ac.in>, registrar <registrar@nitsikkim.ac.in>, directoroffice <directoroffice@nitsikkim.ac.in>, director <director@nituk.ac.in>, registrar <registrar@nituk.ac.in>, director <director@nitandhra.ac.in>, registrar <registrar@nitandhra.ac.in>, director <director@iiests.ac.in>, regis <regis@iiests.ac.in>
Cc: Veena Dunga <veena.dunga@nic.in>, dsmonit2 <dsmonit2@gmail.com>, Vikas Tripathi <vikastripathi.edu@nic.in>, "Shri Pawan Kumar, Under Secretary (NITs-III), MoE" <pawan.kumar2017@gov.in>

Respected Sir \ Madam,

Please refer to the trailing mail in connection with above mentioned subject. All the NITs/IIEST Shibpur are requested to **provide point-wise information of the parliament question in WORD FILE to this Division by today 05:00pm positively**, so that to enable us to furnish the information to the concerned Ministry.

"Please acknowledge receipt and reply in-line"

Thanks & Regards,

Technical Section - III (NITs Desk),
Department of Higher Education,
Ministry of Education (Shiksha Mantralaya),
Government of India,
Room No.435, C - Wing,
Shastri Bhawan, New Delhi - 110115,
Tel: 011-23070177, Fax: 011-23384345,
Emails: nit.edu@nic.in & nits.coordination@gmail.com
<https://www.education.gov.in/en>

Jawaharlal Nehru University, New Delhi, India

e-mail: hsingh@bmi.icmr.org.in, harpreets.hq@icmr.gov.in

phone: +91-11-26588876; +919999496965

<https://scholar.google.co.in/citations?user=EE9ha9MAAAAJ&hl=en>

---- On Mon, 14 Jul 2025 17:56:39 +0530 **Sushil Kumar Jangid** <sushil.jangid@meity.gov.in> wrote ---

Dear Sir/Madam,

This Ministry has received Rajya Sabha Provisionally Admitted Starred/Unstarred Question Dy. No. S2586 to be answered on 25.07.2025 reg. "Indigenous AI data-sets"

2. The text of the question is reproduced below:

1. what are the steps taken by the Government to develop and promote indigenous AI datasets which aid in the development of future AI platforms ?
2. the steps taken by the Government to bring together the academia, industry and experts to develop indigenous AI datasets.
3. what are the steps taken by the Government to make these datasets unbiased, foolproof and vernacular?
4. The outcome in this regard.

3. In this regard, you are requested to provide your inputs **latest by 17.07.2025; 05:00 PM.**

This may kindly be treated as Most Urgent.

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Thanks & Regards,

Sushil Kumar Jangid
Scientist 'B'
Emerging Technologies Division
Ministry of Electronics and Information Technology
Ph: 011-243017841

Registrar MANIT <registrar@manit.ac.in>

Tue, Jul 22, 2025 at 11:11 AM

To: HOD CSE <hodcse@manit.ac.in>, "Dr. Deepak Singh Tomar" <deepaktomar@manit.ac.in>, Sanyam Shukla <sanyamshukla@gmail.com>, "Dr. Sanyam Shukla" <sanyamshukla@manit.ac.in>

[Quoted text hidden]

Sanyam Shukla <sanyamshukla@gmail.com>

Tue, Jul 22, 2025 at 6:17 PM

To: Manzar Malik <manzar.malik@gmail.com>, Dr Deepak Singh Tomar <deepaktomarmanit@gmail.com>, Registrar MANIT <registrar@manit.ac.in>, wadhvani_rajesh@rediffmail.com

Respected Sir,

The Response from MANIT Bhopal on Rajya Sabha Question Dy. No. S2586 regarding "Indigenous AI Datasets" is enclosed herewith for your perusal.

Regards

Dr Sanyam Shukla

[Quoted text hidden]

2 attachments**REPSONSE Question Dy. No. S2586 .docx**

21K

**DocScanner 22 Jul 2025 18-15.pdf**

798K

Registrar MANIT <registrar@manit.ac.in>

Wed, Jul 23, 2025 at 10:33 AM

To: "NITs Division, MoE Government of India" <nit.edu@nic.in>

Cc: Director MANIT Bhopal <director@manit.ac.in>

Sir/Madam,

With reference to your trailing mail, please find attached herewith the response from MANIT Bhopal.

Regards.

[Quoted text hidden]

**REPSONSE Question Dy. No. S2586-MANIT Bhopal.docx**

21K

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Response from MANIT Bhopal on Rajya Sabha Question Dy. No. S2586 regarding "Indigenous AI Datasets"

1. Steps taken by the Government to develop and promote indigenous AI datasets which aid in the development of future AI platforms:

At MANIT Bhopal, while a majority of researchers currently utilize publicly available datasets, several faculty members have undertaken the development of **indigenous datasets** relevant to the Indian context. Key examples include:

- **Temporal Variation of Scour Depth**
- **River Bed Deformation with Respect to Time**

These datasets are critical for civil engineering, hydraulics, and environmental studies specific to Indian river systems and infrastructure.

2. Steps taken by the Government to bring together academia, industry, and experts to develop indigenous AI datasets:

Researchers from MANIT Bhopal are engaged in **collaborative efforts with institutes like AIIMS Bhopal**, particularly in the **healthcare domain**, for the creation of indigenous medical datasets.

Further, in the domain of transportation, work is being conducted on **traffic sign recognition datasets tailored to the Indian road and traffic conditions**, in collaboration with industry and government stakeholders.

In addition, **MANIT Bhopal is actively involved in projects sponsored by government agencies such as the Department of Science and Technology (DST), Indian Space Research Organisation (ISRO)**, and others. These projects support data generation and analysis for applications in **space, environmental monitoring, and engineering**.

3. Steps taken by the Government to make these datasets unbiased, foolproof, and vernacular:

The datasets generated are:

- Collected using **scientific and domain-specific methodologies** ensuring relevance and accuracy.

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- Developed in collaboration with **domain experts from reputed institutes** to maintain integrity and minimize biases.
-

4. Outcomes:

- Creation of **indigenous datasets** in specialized fields such as **river hydrodynamics, healthcare diagnostics, and traffic analysis**.
- Strengthening of **academic, healthcare (AIIMS Bhopal), and industry collaborations** for data-centric research.
- Contribution towards the development of **AI models and solutions addressing India-specific challenges**.
- Capacity building in **indigenous data generation through government-funded projects (DST, ISRO, etc.)**.