

GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
RAJYA SABHA
UNSTARRED QUESTION NO. 2655
TO BE ANSWERED ON: 04.01.2019

CONSTITUTION OF COMMITTEES ON ARTIFICIAL INTELLIGENCE

2655 SHRIMATI VANDANA CHAVAN:

Will the Minister of ELECTRONICS & INFORMATION TECHNOLOGY be pleased to state:-

- (a) whether there are any Committees constituted in order to create a policy framework and develop Artificial Intelligence in the country;
- (b) if so, the details thereof including composition of these Committees, the number of meetings and the outcomes of these meetings, Committee-wise; and
- (c) whether public consultation has been done by these Committees before publishing any policy framework and if so, the details thereof?

ANSWER

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI S.S. AHLUWALIA)

(a) and (b): Yes, Sir, in order to promote the 'Artificial Intelligence' ecosystem in the country, Ministry of Electronics & IT (MeitY) constituted four committees on 'Artificial Intelligence'. The composition of the committees is annexed. The report of these committees has been examined and based on the recommendations, this Ministry is setting up a 'National Centre on Artificial Intelligence'.

(c): No, Sir. Public consultations were not done and the Ministry invited subject matter experts to advise the Government.

Annexure

Government of India
Ministry of Electronics & Information Technology
Electronics Niketan, 6 CGO Complex
(Emerging Technologies Division)

New Delhi-110003

Dated: 07.02.2018

OFFICE MEMORANDUM

Subject:- Constitution of four Committees for promoting Artificial Intelligence (AI) initiatives and developing a policy framework.

The undersigned is directed to say that in order to promote emerging technologies such as Artificial Intelligence (AI) and to develop a Policy Framework, it has been decided to constitute four committees to propose action in the areas of Platform and Data for AI, Leveraging AI for identifying National Missions in Key Sectors, Mapping Technological capabilities key policy enablers required across sectors, skilling and re-skilling R&D and Cyber Security, Safety, Legal & Ethical issues.

2. The constitution of the four Committees and Terms of Reference(TOR) are as below:

A. Committee on Platforms and Data for AI - The focus of this committee will be on building models/frameworks/platforms for collaborative work:

i)	Prof P. P. Chakraborty, IIT Kharagpur	Chairman
ii)	Ms. Neeta Verma, DG, NIC	Member
iii)	Prof Anupam Basu, Dir N.I.T. Durgapur	Member
iv)	Prof Pushpak Bhattacharya, Dir IIT Patna	Member
v)	Rep. from DST	Member
vi)	Rep. from (Google)	Member
vii)	Shri Gautam Shroff (TCS)	Member
viii)	Shri. Ganesh Mahabala (NVIDIA)	Member
ix)	Shri Anant Maheshwari, Microsoft	Member
x)	Rep. from NASSCOM	Member
xi)	Dr. S. K. Srivastava, Scientist 'G', Meity	Member
xii)	Ms. Kavita Bhatia, Scientist 'F' MeitY	Member Convener

B. Committee on Leveraging AI for identifying National Missions in Key Sectors:

i)	Prof Rajeev Sangal, IIT (BHU)	Chairman
ii)	Prof. Santanu Chaudhury, Dir CEERI Pilani	Member
iii)	Prof Hema Murthy, IIT Madras	Member
iv)	Prof. Anil Gupta, IIMA and Sristy	Member
v)	Prof C.V. Jawahar, UIT Hyderabad	Member
vi)	Dr. Narendra Ahuja, DIC	Member
vii)	Shri Sanjay Sinha, IBM Watson	Member
viii)	Prof B. Yegnanarayana, IIIT Hyderabad	Member
ix)	Rep. from NASSCOM Rep. of NeGD	Member
x)	Dr. B. K. Murthy, GC R&D in IT	Member Convener

C. Committee on Mapping Technological capabilities, Key Policy enablers required across sectors. Skilling and Re-skilling, R & D:

- | | | |
|------|--|-----------------|
| i) | Shri R. Chandrasekhar, President NASSCOM | Chairman |
| ii) | Prof U. B. Desai, IIT Hyderabad | Member |
| iii) | Prof. Pankaj Jalote, UIT Delhi | Member |
| iv) | Prof Kamakoti, IIT Madras | Member |
| v) | Shri Visal Dhupar, NVIDIA | Member |
| vi) | Shri Sasi Kumar, C-DAC Mumbai | Member |
| vii) | Dr. B. K. Murthy, GC R&D in IT | Member Convenor |

D. Committee on Cyber Security, Safety, Legal and Ethical Issues:

- | | | |
|-------|--|-----------------|
| i) | Prof. Rajat Moona, Director IIT Bhilai | Chairman |
| ii) | Shri A. S. Ramasastry, Director IRDBT | Member |
| iii) | Prof. SV Raghavan | Member |
| iv) | Dr. Sanjay Bahl, DG Cert In | Member |
| v) | Dr. S. K. Srivastava, Scientist 'G', Meity | Member |
| vi) | Shri Ashish Ghosh, ISI Kolkatta | Member |
| vii) | Prof. Ponnurangam Kumaraguru, IIT Delhi | Member |
| viii) | Rep. from NIC | Member |
| ix) | Rep. from DSCI, NASSCOM | Member |
| x) | Rep. from Symantec | Member |
| xi) | Ms. Kavita Bhatia, Scientist 'F' Meity | Member Convenor |

Terms of Reference of the committees for AI Initiatives:

- i. The committee shall identify key areas of applications for AI technologies and make suitable recommendation/suggestions for the faster adoption of AI in these areas.
- ii. The committee would also identify areas in Government systems where AI techniques can be deployed to lower cost and improved service.
- iii. The committee would also suggest technical framework/ platform for AI. This would also address data availability resources.
- iv. The committee should recommend policy relating to legal framework, data privacy and Cyber Security issues.
- v. Suggest ways to address /concern about use of AI employability, skilling and Re-Skilling challenges.
- vi. The committee will recommend R&D framework for promoting research in the AI areas and setting up of Centre of Excellence (COE) in these areas.

3, The Chairmen of the committees can co-opt/invite experts to the committee as and when required. TA/DA for non-official members would be borne by Meity as per Government norms.

4. This issues with the approval of Secretary, Ministry of Electronics and Information Technology.

Sd/- .

(Rajesh Suri)

Deputy Director

Chairmen, Members and Member Convenors of the Committees.
PAO, MeitY / DDO, Meity
JS(GS)/GC(BKM) / Dir(KB)
OSD to Secretary, Meity