

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(IA DIVISION-NON COAL MINING SECTOR)

AGENDA FOR 17th MEETING OF THE RECONSTITUTED EXPERT APPRAISAL COMMITTEE
(NON-COAL MINING), SCHEDULED DURING APRIL 27-28, 2017.

Instructions: Project proponents are requested to strictly follow the following instructions:

1. The Project Proponents are requested to circulate the documents either in pen drive or hard copy whichever is convenient (**bulky EIA reports may be sent in pen drive mentioning the agenda numbers**) for the projects included in the Agenda given below to The Chairman and Members of the Committee (as per list given below) immediately. The proponents shall not wait for individual letters to be issued. **The documents shall reach the members at earliest before the meeting.**
2. **The Project Proponent should carry the KML/Shape Files of the mine lease area at the time of presentation before EAC and to present on the details of mine lease online to show the present status of mine lease.**
3. **The KML/Shape files should be emailed on the below mentioned email addresses at least 10 days prior to the meeting.**
4. The Project Proponent to show the transportation route of minerals on maps during presentation.
5. The Project Proponents are requested **to carry one set of documents** for submission during EAC meeting.
6. Please indicate the item number of the Agenda while circulating the documents.
7. Presentations for **TOR** should be brief, precise and **supported by Letter of Intent of mine lease and toposheet.** All important features such as National Parks, Wildlife Sanctuary, Mangroves, Biosphere Reserves/Bio-diversity, Heritage sites, Reserve Forests, Rivers, water Bodies, Highways, Railway line, Habitations, Critically Polluted Areas (CPA) etc. should be clearly indicated in an area of 10 km radius of the proposed site.
8. The project proponents are required to fill up the questionnaire and get it duly signed by its authorized signatory (giving details as mentioned) and circulate the same to the Ministry and the Members along with other documents. If incomplete information is submitted, the project will not be appraised.
9. The project proponents are advised to give their presentation for **EC starting with compliance with the prescribed TOR issued for the project.**
10. In accordance with the circular no. J-11011/618/2010-IA.II (I) dated 30.5.2012, **in case of expansion project and or renewal of mine lease** for which environment clearance was issued earlier, the project proponent shall submit a certified report of the status of compliance of the conditions stipulated in the environment clearance for the on-going / existing operations of the project by the Regional Offices of Ministry of Environment, Forest and Climate Change. The status of compliance of the conditions stipulated in the EC as highlighted in the report(s) will be discussed by the EAC during appraisal of the project.
11. The project proponent shall ensure that the reports / documents uploaded in the website of the Ministry, circulated to the EAC members and hard copy submitted to the Ministry are the same. In case of discrepancy the project will not be considered.
12. Details of mining project shall be given as per format at **Annexure-1.**
13. The Consultant shall include an undertaking in the EIA report that the prescribed TOR have been

Agenda for 17thEAC Meeting to be held during April 27-28, 2017

complied with and that the data submitted is factually correct and also an undertaking shall be submitted owning the contents (information and data) of the EIA report.

14. The project proponent during the submission of application or at the stage of TOR, should indicate the name of the consultant/ consultancy firm, Serial number they propose to hire for preparing EIA/EMP reports along with their complete details including their accreditation.
15. All correspondence with MoEFCC including submission of application for TOR/EC, subsequent clarifications, as may be required from time to time, participation in the EAC meeting on behalf of the project proponent shall be made by the authorized signatory only who should be a reasonably Senior Officer/Executive duly authorized in writing.
16. Kindly send a brief write up of project/executive summary of the project (maximum three page, **in word format** without any table) and the name of the consultant with the Sl. No. in the QCI/NABET list in a week's time by e-mail to the following addresses:
 17. **s.kumar1958@gov.in, d.runiwal@gov.in, m.knight@gov.in**
18. Kindly make it convenient to attend the meeting

Note: **The items listed for environmental clearances will be taken up for appraisal only on fulfillment of relevant instruction given above**

AGENDA

Venue: Teesta, First Floor, Vayu Wing Indira Paryavaran Bhawan, Aliganj, JorBagh Road, New Delhi-110003.

Day 1: 27th April, 2017 (THURSDAY)

Agenda Item No. 01:

10.00 AM – 10.15 AM: Circulation of the Minutes of 16th meeting of the EAC.

Agenda Item No. 02:

DAY 1: 27th April, 2017 (Thursday)
TEESTA, FIRST FLOOR, VAYU WING

<u>CONSIDERATION OF ENVIRONMENT CLEARANCE(10.15 AM onwards)</u>	
(2.1).	J-11015/139/2014-IA.II(M) Limestone Mine of M/s Emami Cement Ltd. located at village:Tengada, taluka:Dachepalli, District: Guntur, Andhra Pradesh. (521.691 ha)(4.5 MTPA) IA/AP/MIN/24139/2014
(2.2).	J-11015/191/2015-IA-II (M) Bohar limestone mine of M/s Jai Singh Takhur & sons , with production capacity of 95,000TPA located at Village-Bohar, Tehsil- Paonta Sahib, Dist. - Sirmour (Himachal Pradesh)(4.15ha.) IA/HP/MIN/60545/2015
(2.3).	J-11015/203/2009-IA-II (M) Limestone/Dolomite Mine by M/s JLD Cement Ltd. (ML area 72.88 ha & production capacity 0.50 MTPA) at village Bahilampur, in Zari- Zamini Taluk, in Yeotmal Distt., in Maharashtra. IA/MH/MIN/7810/2009
<u>CONSIDERATION OF TOR PROPOSALS</u>	
(2.4).	J-11015/28/2017-IA.II(M) Proposed Limestone mining project with production of 1.0 MTPA of Hebbal Limestone mine of M/s Subhaschandra Mahantappa modi (M.L area-70.82 ha), located at Village-Hebbal, Taluk- Mudhol, District-Bagalkot (Karnataka) IA/KA/MIN/63481/2017
(2.5).	J-11015/29/2017-IA.II(M) Mining project for the collection of sand, Stone& bajri Kundlu Khad, a primary tributary of Satluj River located at village Mauza/Mohal Dalahthon in Tehsil Nalagarh, District Solan, Himachal Pradesh (12.4503Hectare & 140400 TPA ha.), of by M/s Jai Mata Stone Crusher. IA/HP/MIN/63460/2017
(2.6).	J-11015/21/2017-IA.II(M)

	Proposed Limestone Mine by M/s My Home Industries Pvt. Ltd. (252.407Ha.)of 1.0 MTPA Limestone Production at Mellacheruvu & Yepalamadhavaram Villages, Mellacheruvu Mandal, Suryapet District, Telangana IA/TG/MIN/62819/2017
(2.7).	J-11015/41/2017-IA.II(M) M/s. UltraTech Cement Ltd. has proposed Expansion in production capacity from 1.505 Million TPA to 5.0 Million TPA in their Harudi Kharai Limestone Mining Project (M.L Area: 659 ha) at Villages – Harudi & Kharai, Taluka– Lakhpat, District– Kachchh (Gujarat) IA/GJ/MIN/63016/2017

AMENDMENT OF ENVIRONMENT CLEARANCE

(2.8).	J-11015/227/2006-IA-II (M) S.A. Thwab Iron Ore Mine of M/s S.A. Thwab & Company for 24.72 ha. located at R.M. Block, Ramgad, Village, Sandur Taluk, Ballari District, Karnataka(0.15MTPA) IA/KA/MIN/63371/2007
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CONSIDERATION OF ENVIRONMENT CLEARANCE

(2.9).	J-11015/317/2015-IA.II (M) CHANAVADA SOAPSTONE MINE of M/s KRISHNA MINERS TRADERS Near Village –Chanavada, M.L. Area– 83.491 ha., M.L. No. 09/2000, Tehsil – Girwa, District – Udaipur, State – Rajasthan
(2.10).	J-11015/171/2013-IA-II(M) Bhadanpur Limestone Mine (Expansion from 2 LTPA to 9 LTPA) of M/s Maihar Cement located at Village Bhadanpur North Patti, Bhadanpur South Patti & Umrou, Tehsil Maihar, District Satna, Madhya Pradesh (217.681 ha.)
(2.11).	J-11015/98/2014-IA-II(M) Mining of Millstone (minor mineral) including Khanda, Gitti and Boulders occurring as overburden and inter-burden with enhancement of production capacity from 1093 TPA to 15 million TPA (ROM) by M/s A Milnstone Pvt. Ltd. , located at village (s) Kandoli, Ghata, Bokoli, Mahalpur, Kachhi, Baroli, Dahina, Ranpur, Jatrol, Lakhanpur, Rajpura, Ranpura, Daha Tehsil- Rupbas, District-Bharatpur, Rajasthan (MLA: 964.94 ha & ML no. 39/1990) (Consultant:- J.M. EnviroNetPvt. Ltd.)

DAY 2 - 21 March 2017 (TUESDAY)
(TEESTA FIRST FLOOR, VAYU WING)

CONSIDERATION OF TOR PROPOSALS(10.15 AM onwards)

(2.12).	J-11015/31/2017-IA.II(M) Amtipani Chirodih Bauxite Mine of M/s. Minerals & minerals Limited (Area- 130.01 ha) with Production Capacity of 4.5 Lac TPA (ROM), near Village: Amtipani, Chirodih & Bahagara, Taluka: Bishunpur, District: Gumla (Jharkhand) IA/JH/MIN/63495/2017
(2.13).	J-11015/32/2017-IA.II(M) Limestone mine of M/s Tamilnadu Cements Corporation Ltd covering an extent of

	268.80 ha. located at Alangulam, Lakshmipuram, Pernaickpatti, Narnapuram, Edirkottai and Duraisampuram villages, sivakasi taluk. Virudhanagar Dist, Tamilnadu with the proposed production capacity of 120000TPA ha. IA/TN/MIN/63416/2017
(2.14).	J-11015/33/2017-IA.II(M) Limestone mine of M/s Tamilnadu Cements Corporation Ltd covering an extent of 420.25 Ha located at Gopalapuram, Lakshmipuram & Vadakarai Villages, Sivakasi & Rajapalayam- Taluk, Virudhunagar District, Tamilnadu with the proposed production capacity of 1,82,525 TPA ha. IA/TN/MIN/63315/2017
(2.15).	J-11015/34/2017-IA.II(M) Lumshnong Limestone Mine (70 ha.) of M/s Star Cement Limited located at village- Lumshnong, Tehsil Khliehriat, District-East Jaintia Hills, Meghalaya with the proposed Production of Limestone 90,00,000 TPA to 25 lacs TPA IA/ML/MIN/63217/2017
(2.16).	J-11015/03/2017-IA.II(M) Neetu Singh River Sand (Bajri) Mining Project by M/s Neetu Singh (Mine Lease Area 4365.64 Ha, Production Capacity- 16,50,000 TPA) located at Villages ~ (Agewa, Anandpur Kalu-I, Anandpur Kalu-II, Asarlai, Odawas, Kekindra, Kathmor, Kurki, Kesarpura, Kanecha, Kanawas, Kanwaliya Kalan, Kotariya, Khera Deogarh, Khera Maharajpura, Khera Molawas, Kharadi, Khindawas, Ghorawar, Chawandiya, Jhujharda, Jhanjhanwas, Thakarwas, Digarna, Talkiya, Dayalpura, Devnagar, Deoriya, Deoriya Rajputan, Dagla, Dhaneriya, Ghatanagri, Nimbera Khurd, Nimbol, Nimaj-I, Nimaj-II, Patan, Patus, Paliyawas, Peepaliya Khurd, Phoolmaal, Phaalka, Bagatpura, Bagtawarpura Manpura, Balunda, Ballupura, Balara, Banjakuri, Bikarlai, Birampuri, Birol, Bogasani, Bhiladeva, Bheenvgarh, Malpuriya, Mohangarh, Mohrai, Roop Nagar, Rajadand, Rabariyawas, Rampura, Ramawas Kalan, Ramawas Khurd, Ras-I, Ras-II, Lithariya, Lototi, Vijaygarh, Samokhi and Sinla), TEHSIL-JAITARAN, DISTRICT-PALI (RAJASTHAN) IA/RJ/MIN/62269/2017
(2.17).	J-11015/20/2017-IA.II(M) Sonadih Limestone Mines by M/s Lafarge India Pvt. Ltd. covering over an area of 64.815 ha. with the capacity of 990113 TPA located at village- Raseda, Tehsil-Balodabazar, Distt. Balodabazar-Bhatapura, Chattisgarh. IA/CG/MIN/61637/2017
(2.18).	J-11015/23/2017-IA.II(M) Proposed a Limestone Mine by M/s Emami Cement Limited {Block 3B1 (b), Area-247.8711 ha} with Production Capacity 1.70 Million TPA (ROM) (Limestone production capacity 0.68 Million TPA) and Crusher Capacity of 1500 TPH near Village Deh, Tehsil- Jayal & Village- Sarasni, Tahsil- Nagaur, District: Nagaur (Rajasthan) IA/RJ/MIN/62838/2017
(2.19).	J-11015/38/2017-IA.II(M) Limestone Mine by M/s Tamilnadu Cements Corporation Limited of an area of 180.83.0Ha with the production capacity of 100000 TPA located at Alangulam and Lakshmipuram(V), Sivakasi (Taluk), Virudhunagar District, Tamilnadu. IA/TN/MIN/63081/2017
(2.20).	J-11015/39/2017-IA.II(M) "Litariya China, Ball Clay and Silica Sand" mine of M/s Mrs. Dariyav Kanwar (86.90

	Ha) is located at nearby village: Litariya, Tehsil: Jaitaran, District: Pali, State: Rajasthan with proposed capacity of 280000 MTPA. IA/RJ/MIN/62995/2017
(2.21).	J-11015/40/2017-IA.II(M) Proposed Limestone Mine of M/s Emami Cement Ltd. , Area- 267.6288 ha with Production Capacity 1.70 Million TPA (ROM) (Limestone production capacity 0.68 Million TPA) at Village- Deh, Tehsil-Jayal, District- Nagaur (Rajasthan) IA/RJ/MIN/62857/2017
(2.22).	J-11015/163/2016-IA-II(M) Jindal Chromite Mine of M/s Jindal Stainless Limited. (MLA: 100000 ha. & 215000 TPA ha.) , Village: Kaliapani, Tehsil: Sukinda, District: Jajpur, Odisha IA/GJ/MIN/52974/2016
<u>AMENDMENT OF TOR</u>	
(2.23).	J-11015/100/2016-IA.II(M) Sijimali Bauxite Project of Larsen & Tourbo Limited of M/s Larsen N Toubro Ltd. located at Thuamal- Rampur Tehsil (kalahandi district) & Kashipur Tehsil (Rayagada District), Odisha covering a lease area of 1549.09 ha. with the capacity of 6.0 MTPA IA/OR/MIN/35455/2015
<u>AMENDMENT OF ENVIRONMENT CLEARANCE</u>	
(2.24).	J-11015/07/2004-IA.II(M) Soapstone and Dolomite Mining Project (MLA: 998.63 Ha.) of M/s Udaipur Mineral Dev. Syndicate Pvt. Ltd having production capacity of 7,19,000TPA located at Chainpura Block, Tehsil- Jahazpur, Bhagwasa Block in Tehsil-Jahazpur, Ghewaria Block in Tehsil-Kotri and Asanmata Block in Tehsil-Mandalgarh in District-Bhilwara, Rajasthan. IA/RJ/MIN/7021/2005
(2.25).	J-11015/440/2012-IA.II(M) Vikram Cement Limestone Mine – II by M/s UltraTech Cement Limited (ML Area - 342.612 ha) with Expansion in Limestone Production Capacity from 1.5 MTPA to 5.5 MTPA at Villages – Suvakheda, Maheshpuria and Morka, Tehsil - Jawad, District-Neemuch, Madhya Pradesh(MLA: 342.612ha) IA/MP/MIN/30620/2012
(2.26).	J-11015/22/2006-IA.II(M) Thandiberi Limestone Mine (MLA: 256.00ha) with Limestone Production Capacity 1.065 TPA at Village: thandiberi, Tehsil: Pindwara, District Sirohi, Rajasthan by M/s Binani Cement Ltd. IA/RJ/MIN/7918/2006
(2.27).	J-11015/163/2006-IA.II(M) Expansion of Agawali Silica Sand Mining Project of M/s Yogesh Mittal , Power of Attorney holder located in Village Agawali, Tehsil Bayana, District Bharatpur, Rajasthan.(MLA: 71.70 ha. with 2,03,400 tones per Annum) IA/RJ/MIN/11145/2006

Agenda Item No. 3:

(3.1). Any other Matter with the permission of the Chairman.

Basic Information

Important Note: Please send the information by e-mail in word format and a signed & scanned copy to the Member Secretary prior to the EAC meeting. Please also provide a copy to the members of the EAC during the EAC meeting.

I. PROJECT DETAILS

1. Name of the project:
2. Name of the Company, Address Tele No. & E-mail Head of organization :
3. If a Joint venture, the names & addresses of the JV partners including their share
4. Latitude and Longitude of the project
5. Whether the project is in the Critically Polluted Area (CPA):
6. Cost of the project
7. Whether new or expansion project . If expansion:
 - (i) from MT to MT
 - (ii) What is the % of expansion
8. If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006.
9. No. and Date of the ToR /and revised ToR, if any, letter issued by the MoEF (if this is a case for EC)
10. No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)
11. If the project was considered in EAC, Pl.give dates of the meeting (s).
12. Type of Mine: (Open cast/Underground/mixed):
13. Capacity of the mine applied for
14. ML Area
 - (i) As per block allotment
 - (ii) As per approved mine plan
15. Date of approval of mine plan, mine closure plan, status & date
16. Date of Board's approval:
17. Date of Ground water clearance and surface water approval.
18. Existing Ground water level in (M)
19. Date of mine closure approval
20. Any river/Nallah flowing near or adjacent to the proposed mine. If yes, please give details.

Details of mine lease:-

1. Date of entering into original lease deed.	1. Date of 1 st lease renewal	1. Date of 2 nd lease renewal	1. Date of 3 rd lease renewal
2. Date of expiry of original lease deed	2. Whether renewal or deemed renewal	2. Whether renewal or deemed renewal	2.....
	3. Date of expiry of 1 st lease renewal/deemed renewal	3. Date of expiry of 2 nd lease renewal / deemed renewal	3.....
			[ALSO FOR SUBSEQUENT RENEWALS.....]

II TECHNICAL DETAILS

Agenda for 17thEAC Meeting to be held during April 27-28, 2017

21. Geological Reserve:
- (i) Total geological reserve
 - (ii) Mineable reserve
 - (iii) Extractable reserve
 - (iv) Per cent (%) of extraction
 - (v) Range of ground water level
 - (vi) Total estimated water requirement:
 - (vii) Details of intersecting ground water level
22. Details of Deposits :
- (i) Depth of over body
 - (ii) Grade of ore
 - (iii) Stripping ratio
23. Method of mining:
24. Life of mine
25. Whether ambient air quality seasonal data has been monitored. If so, from which season to which season and whether the results are within the prescribed limits.
26. Whether the monitoring report of earlier EC from MoEF Regional Office has been obtained, in case the proposal is for expansion.
27. Details of O.B.
- (i) External OB dumps
 - (ii) No of OB dumps
 - (iii) Area of each dump
 - (iv) Height of each dump
 - (v) Quantity (in MCm) of OB in each dump
 - (vi) Year of back filling
 - (vii) No. of OB dumps reclaimed
 - (viii) If garland drains and settlement facility for runoff created
 - (ix) Whether runoff water being utilized
28. Details of Internal Dumps
- (i) Number of internal dumps
 - (ii) Area of each dump
 - (iii) Height of each dump
 - (iv) Quantity of wastes filled (MCm)
29. Utilization potential of wastes
- (i) Within the mines
 - (ii) Outside mines
 - (iii) Efforts made by proponent
30. Details of final Mine Voids
- (i) Area
 - (ii) Depth
31. Details of Quarry:
- (i) Total quarry area :
 - (ii) Backfilled quarry area ofha shall be reclaimed with plantation

- (iii) A void of ha at a depth of m which is proposed to be converted into a water body
- (iv) Green belt created in ha.

32. Details of Land usage

- (i) Pre-mining
- (ii) Post- Mining
- (iii) Core area

33. Details of Forest issues

- (i) Total forest area involved (in ha) for mining lease.
- (ii) Total broken forest area.
- (iii) Status of Forest Clearance and extend of forest land diverted in ha.
- (iv) Is there any National Park, eco-sensitive Zones, within 10 km radius? If so, give the details.
- (v) Extent of forest land in the project (including safety zone and all types of forest land) (in ha)
- (vi) Total forest land for which Stage-1 FC is available (give area in ha), provide breakup of this area in following format:

Area (in ha)	Stage-1 FC issued vide letter no. & date	Validity period of earlier FC granted

- (vii) Balance forest land for which Stage-1 FC is not available (give area in ha)
- (viii) Details of wild life issues involved, if any. If so, whether WL management plan has been prepared; pl. indicate the status.
- (ix) Whether schedule -I species, if yes conservation plan is approved by CWLW?

34. Costs of the project :

- (i) Total capital Cost:
- (ii) Cost of Production:
- (iii) Sale Price:
- (iv) CSR cost:
- (v) R&R Cost:
- (vi) No of PAFs:
- (vii) Cost for implementing EMP:

35. Details of villages/habitation in mine lease area

- (i) Inside the lease
- (ii) Surrender by lease
- (iii) Extent of cropland acquired/ being acquired in ha.

36. Details of transportation of mineral

- (i) In pit:
- (ii) Surface to siding:
- (iii) Siding to loading:
- (iv) Quantity being transported by Road/Rail/conveyer /ropeway
- (v) Proposed change in transportation means if any, give details

37. Details of reclamation:

- a. Afforestation shall be done covering an area of: ha at the end of mining. This will include:
 - (i) Reclaimed external OB dump (in ha) :

- (ii) internal dump (in ha),
- (iii) Green belt (in ha)
- (iv) Density of tree plantation (in no of plants)
- (v) Void (in ha) at a depth of (in m)which is proposed to be converted into water body
- (vi) Others in ha (such as excavation area along ML boundary, along roads and infrastructure, embankment area and in township located outside the lease etc).
- (vii) Agriculture and horticulture
- (viii) Fisheries
- (ix) ECO Tourist/recreation spot

III. LEGAL ISSUES

38. Any court case pending. If so, please provide a list with details as annexure.

- (i). Environment (Protection) Act
- (ii). Air (P&CP) Act
- (iii).Water (P&CP) Act
- (iv). MMRD Act
- (v). The Factories Act
- (vi). Other land R&R related cases

39. Any violation cases pending. If so, please provide a list with details as annexure

40. Give details of actual production vis-à-vis sanctioned capacity since the inception of mine in following format or since 1993-94 as applicable:

Year	EC sanctioned capacity (MTPA)	Actual production (MTPA)	Excess production beyond the EC sanctioned capacity

IV. PUBLIC HEARING ISSUES

41. Date and Place of public hearing:

42. The designation of officer presided our the PH

43. Issues raised during Public Hearing and assurance given alongwith the financial provisions and action plan, if any, by the project proponent. (Please attach as an annexure in a tabular form.)

44. Number of representation received in writing from the district and outside of district, please give details

V. Consultant:

45. Name of the EIA consultant who prepared the EIA/EMP report.

46. Whether the consultant has been accredited by the QCI and NABET as per the MoEF OM dated 2nd December, 2009.

47. Name of specialists/consultants involved in making EIA report and in collecting data.

VI. Other Information

48. One page summary for TOR and EC separately as applicable.

49. Brief Background of the Project as per table:

1.	Details of PP and Group companies (a)Financial Position (b)Group companies (c)Legal issues (d) Past and current litigations	
2.	Social, economic and environmental aspects of the project in brief.	

LIST OF EXPERT APPRAISAL COMMITTEE (MINING - Non Coal Mining Sector)

Sl. No.	Name and address	Designation
1.	Dr.Ajai Kumar B-1302, BestechParkView Spa, Sector-47, Gurgaon, Haryana	Chairman
2.	Shri B Ramesh Kumar H-No. 6-1-134/6, Balram Compound, Padmarao Nagar, Secundrabad- 500025,Andhra Pradesh	Member
3.	Prof.Dr. K.S. Rana MaharanaManzil, 18, Dholpur House, (D.M. Compound), M.G. Road,Agra-1, Uttar Pradesh - 282001	Member
4.	Prof. A. K. Bhatnagar, JA/4B, Ashok Vihar-I, Delhi – 110052	Member
5.	Dr. N. C. Karmakar Department of Mining Engineering, Indian Institute of Technology (BHU), Varanasi – 221 005, Uttar Pradesh	Member
6.	Dr.Hemant S. Sahasrabudhe "Utkarsha", LB-53, Housing Board Cology, Laxminagar, Nagpur- 440022	Member
7.	Prof. S. Ramakrishna Rao 50-120-9/1, Tulasi Mani Regency North Extension, Seethammadhara, Visakhapatnam - 530013 Andhra Pradesh.	Member
8.	Dr.HimanshuPathak, Professor, Center for Environment Science and Climate Resilient Agriculture, Indian Agricultural Research Institute, New Delhi 110 012	Member
9.	Dr AL. Ramanathan Professor, School of Environmental Sciences, Jawaharlal Nehru University. New Mehrauli Road, New Delhi- 110067	Member
10.	Dr.Tushar Kant Joshi, LaxmikantNiwas, SalanGaon, Bhagwantpur, Dehradun-248009, Uttarakhand.	Member
11.	ShriSantosh Gupta, Flat No. 405, Block –B, Gaur Green Vista, NyayKhand -1, Indrapuram, Ghaziabad-201014	Member
12.	Representative of Ministry of Mines Shri. K.S. Yadav, Regional Controller of Mines, 4 th Floor Block-2 KarmyogiBhawan, Sector-10A, Gandhi Nagar (Gujarat) -382010.	Member
13.	Representative of Indian Meteorological Mr. V.K. Soni, Scientist "E", (Meteorology/Air Pollution), 609, SatMet Building, MausamBhawan,Indian Meteorological Department,Lodhi Road, New Delhi-110003	Member
14.	Representative of Wildlife Institute of India, Dr. (Ms.) AshaRajvanshi, Wildlife Institute of Inida, Chandrabani, Dehradun-248001	Member
15.	Director IA-Division (Non Coal Mining) Vayu-305, Indira ParyavaranBhawan, Ministry of Environment, Forest& CC, Jorbagh Road, Lodhi Road, New Delhi-110003	Member Secretary
