

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

**AGENDA FOR 16th MEETING OF THE RECONSTITUTED EXPERT APPRAISAL COMMITTEE
(NON-COAL MINING), SCHEDULED DURING MARCH 20-21, 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 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:

s.kumar1958@gov.in,rb.lal@nic.in,m.knight@gov.in

Agenda for 16th EAC Meeting to be held during March 20-21, 2017

17. Kindly make it convenient to attend the meeting

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

AGENDA

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

Day 1: 20th March, 2017 (MONDAY)

Agenda Item No. 01:

10.00 AM – 10.15 AM: Circulation of the Minutes of 15th meeting of the EAC.

Agenda Item No. 02:

DAY 1: 20TH March, 2017 (MONDAY)
(TEESTA, FIRST FLOOR, VAYU WING)

<u>CONSIDERATION OF ENVIRONMENT CLEARANCE</u> 10.15 AM onwards	
(2.1).	J-11015/19/2015-IA-II(M) Proposed expansion in Laterite production capacity from 36,000 TPA to 2,50,000 TPA from Baranda Laterite Mine (ML Area: 400 ha) at Village-Baranda, Taluka-Lakhpat, District – Kachchh (Gujarat) of M/s UltraTech Cement Ltd. IA/GJ/MIN/26384/2015
(2.2).	J-11015/46/2013-IA.II (M) Iron Ore & Laterite Mine with production capacity of 2,74,000 TPA Tons of Iron Ore and 62,000 TPA Tons of Laterite of M/s E.V. Ranga Reddy at survey no. 172, Pagadalapalli Village, Pendlimarri Mandal, Kadapa District, Andhra Pradesh (201.94 ha) IA/AP/MIN/24222/2013
(2.3).	J-11015/305/2015-IA-II(M) Environmental Clearance of Expansion of Siddavaram Silica Sand Mine from 17820 TPA- 300000 TPA(ROM) by M/s Mangalore Minerals Pvt. Ltd. located at Village Siddavaram, Kota Mandal, Distt. Nellore, Andhra Pradesh (MLA: 105.22Ha.) IA/AP/MIN/30147/2015
(2.4).	J-11015/379/2015-IA.II(M) Hatgacha (JL No. 1) – Jethia (JL No. -4) Black Stone Mine with proposed production capacity 0.8 Million TPA (ROM) by M/s West Bengal Mineral Development and Trading Corporation Ltd. , located at village; Hatgachia, P.s.- Mohammad Bazar, Mouza-Jethia, District-Birbhum, West Bengal (MLA 71.20 ha)

	IA/WB/MIN/62270/2015
(2.5).	Chirekhan Malak Sanghatana Sindhudurg for Minor Mineral cases located in villages of Darum, Main, Ayanal, Koloshi, Savadev in Kankavli Taluka and Lingdal village in Devgad Taluka, District- Sindhudurg State- Maharashtra
<u>CONSIDERATION OF TOR PROPOSALS</u>	
(2.6).	Sree Venkateshwara Mines & Minerals-Laterite Mine of M/s Sree Venakateshwara Mines & Minerals - 0.16 MTPA of Laterite Production in an extent of 78.325 Ha at Demikalan Village, Tadwai Mandal, Kamareddy District, Telangana State. IA/TG/MIN/62825/2017
(2.7).	Kanakadripalli limestone mine of M/s P. B Gopala Krishna Mining lease area: 435.24 Ha with the capacity of 3.15 MTPA at Petnikota & Itikyala Villages, Kolimigundla Mandal, Kurnool District, Andhra Pradesh. IA/AP/MIN/62752/2017
(2.8).	Chintalayapalle Limestone Mine by M/s Ramco Cements Limited Mining lease area: 491.55 Ha with the capacity 4.00 MTPA Situated at Chintalayapalle & Itikyala Villages, Kolimigundla Mandal, Kurnool Dist., Andhra Pradesh. IA/AP/MIN/62749/2017
(2.9).	Devbhoomi Soapstone Mines of M/s Devbhoomi Mines in 17.824ha areas with the capacity of 25000 Tonnes / Annum and is situated near Village - Devli, Tehsil - Kanda, District - Bageshwar in the Uttarakhand IA/UK/MIN/62697/2017
(2.10).	Mechanized Open cast Lime Stone mine with a production capacity of 0.89 million TPA by Salvoilodhi Limestone Mine of M/s Mancherial Cement Company (P) Ltd located at Compartment No. 541, 542 and 544, Rally R.F., Kurregad village, Kasipet Mandal, Mancherial district, Telangana (ML Area: 80.44 ha) IA/TG/MIN/62414/2017
(2.11).	Expansion in production capacity of marble from 3,59,925 TPA to 7,88,340 TPA from Zarivav, Khokharbilly, Koteshwar & Chikla Marble Mining Project by M/s Hindustan Marble Private Ltd. (ML Area: 51.0109 ha) at Villages- Zarivav, Khokharbilly, Koteshwar & Chikla, Taluka- Danta, District - Banaskantha (Gujarat). IA/GJ/MIN/62341/2017
<u>AMENDMENT OF TOR</u>	
(2.12).	J-1105/147/2011-IA.II(M) Regarding amendment in ToR for Environmental Clearance of the mining project for the collection of Sand, Stone & bajri Kundlu Khad, a primary tributary of SatJuj

	~River located at Mauza/IVlohalDalahthon in Tehsil Nalagarh, District Solan, Himachal Pradesh 165-09 Bighas (12.4503 Hectare), Proposed by Sh. Mohan Singh Prop. M/s Ial Mata Stone Crusher IA/HP/MIN/62166/2011
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<u>CONSIDERATION OF TOR { JD(DR)}</u>	
(2.13).	Bainibasa Graphite Mining and Beneficiation Project by M/s Pradhan Industries over an area of 58.704 Ha. with the capacity of 13272 TPA in Village : Bainibasa, PO: Bhairabagada, Tahasil : Muniguda, Dist: Rayagada in the State of Odisha IA/OR/MIN/62694/2017
(2.14).	New Umrangshu Limestone Area by M/s Assam Mineral Development Corporation Limited (AMDC) , Near Village – New Umrangshu, Taluka- Umrangshu, Distt – Dima Hasao (N.C. Hills), Assam Proposed production – 4,44,500 TPA (ROM) in the mining lease area of 200 hect. IA/AS/MIN/62692/2017
(2.15).	Mining of Magnesite & Dunite By M/s SAIL Refractory Company Limited (SRCL) (Mine Lease Area 101.35 Ha, Production Capacity-41,875 MTPA- ROM Villages– Jaghir & Ammapalayam, Taluk- Salem, District-Salem, Tamil Nadu IA/TN/MIN/62426/2017
(2.16).	Sand Stone Mining Project (M.L. No. – 39/1986 R (34/1996), Area – 159.11ha.). Proposed production capacity of Sand Stone@ 2,34,900 TPA (ROM) Near village – Kanchanpura- Bugdar-Langra-Makanpur Swami Tehsil–Mandrayal , District –Karauli (Rajasthan) of M/s Prabhu Lal Agarwal. IA/RJ/MIN/62197/2017
(2.17).	J-11015/232/2016-IA.II(M) Nonglait Limestone Mining Project of M/s Abhijeet North Eastern Projects Limited located at village Nonglait, Block Mawsynram, District East Khasi Hills, Meghalaya (190Ha) IA/ML/MIN/60138/2016
(2.18).	Mining of Magnesite & Dunite By M/s SAIL Refractory Company Limited (SRCL) (Mine Lease Area 622.69 Ha, Production Capacity-26,43,936 TPA- ROM Villages– Thathaiyanagarpatti, Moongilpadi, Karuppur, Vellakkalpatti, Mallamoopanpatti Taluk- Omalur & Salem, District-Salem (Tamil Nadu) IA/TN/MIN/62144/2017

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

<u>CONSIDERATION OF ENVIRONMENT CLEARANCE</u>10.15 AM onwards	
(2.19).	J-11015/211/2015-IA-II (M) Environmental clearance for Ball Clay Mine of M/s Krishna Gopal , M.L. Area 80.94 ha, with production capacity 0.10 MTPA situated near village; Motawatan, Tehsil: Kolayat, District: Bikaner (Rajasthan) IA/RJ/MIN/28710/2015
(2.20).	J-11015/141/2014-IA.II(M) Bailadila Iron Ore Mine of M/s. NMDC Limited located at Bacheli, South Bastar Dantewada District, Chhattisgarh 309.340 Ha Capacity expansion of Bailadila Deposit-10 Mine from 4.2 to 6.0 MTPA IA/CG/MIN/62407/2014
(2.21).	J-11015/72/2010-IA.II(M) Enhancement of production of Saruabil Chromite Mines from 0.136 million TPA to 0.35 million TPA along with Beneficiation Plant of M/s Misrilal Mines Pvt. Ltd. , located in village Saruabil in Tehsil Sukinda, District Jajpur of Odisha State (246.858 ha) IA/OR/MIN/9459/2010
(2.22).	J-11015/530/2008-IA-II(M) Renewal of Narwapahar Mining Lease and enhancement of production from 0.3 million TPA to 0.45 Million TPA of Uranium Ore (ROM) by M/s Uranium Corporation of India Ltd. , located at village(S) Hartopa, Patharchakri, Murgahutu, Rajdoha, Block-Potka, Sub-division-Dhalbhum, District- East Singhbhum, Jharkhand (ML Area of 456.62 ha) IA/JH/MIN/52343/2013
(2.23).	J-11015/50/2013-IA.II (M) Serka Serengdag Bauxite Mine with Proposed production capacity of 3,50,753 TPA of M/s Umesh Prasad Agarwal , located at village Serka and Serengdag, P.S. Bhishunpur and Ghagra, District Gumla, Jharkhand(63.25ha.) IA/JH/MIN/58092/2012
(2.24).	J-11015/21/2014-IA.II (M) Stone mine with crusher [Production capacity 4,87,134 TPA of Stone (ROM) and crusher 100 TPH] by M/s Mandhan Minerals Corporation , located at village Rajbandh, Distt.- Pakur, State – Jharkhand (6.677ha) -Prescribing TOR regarding. IA/JH/MIN/21353/2013

(2.25).	J-11015/294/2015-IA-II(M) Hahaladdi Iron Ore Mine of M/s Monnet Ispat & Energy Ltd. located at Village –Hahalladi Tehsil Bhanupratappur, District Kanker, State-Chhattisgarh (Extent 78.90 Ha., Iron Ore 1.5 Lakhs Tonnes Per Annum) IA/CG/MIN/30056/2015
<u>AMENDMENT OF ENVIRONMENT CLEARANCE</u>	
(2.26).	J-11015/728/2007-IA.II(M) Deheriya Gypsum Mining Project of M/s Rajasthan State Mines & Minerals Limited located in village Deheriya, Tehsil Kolayat, District Bikaner, Rajasthan for the mining lease area of 499ha. 0.5 million TPA IA/RJ/MIN/9466/2007
(2.27).	J-11015/460/2008-IA.II(M) Lampiya Iron Ore, Copper and Associated Minerals Mining Project (ML No. 627/05) of M/s Jindal Saw Limited located in Village(s) Lampiya, Devpura, Chamanpura, Kamalpura, Mahua Khurd and Jaliyan, Tehsil Banera, District Bhilwara, Rajasthan for the mining lease area of 451ha with the capacity of 30,00,000 tonnes per annum of iron ore. IA/RJ/MIN/62541/2011
(2.28).	J-11015/176/2009-IA.II(M) Integrated Mineral Beneficiation Plant and Iron Ore, Copper and Associated Minerals Mining Project of M/s Jinsal Saw Limited located in Village Dhedwas, Tehsil & District Bhilwara, Rajasthan for the mining area of 1556.78 ha. The capacity of beneficiation plant is 2.5 million TPA concentrate using 7million TPA of RoM IA/RJ/MIN/19341/2010
(2.29).	J-11015/763/2007-I.A II (M) Sandstone Mine near village Bahadurpur of M/s Thekedar Ravinder Bhardwaj , District karauli, Rajasthan (MLA: 238.795ha.) with the production capacity from 27,000TPA to 60,000TPA. IA/RJ/MIN/9506/2007
(2.30).	J-11015/668/2007-I.A II (M) Sandstone Mine of M/s Thekedar Girraj Prasad , Village Langra, Tehsil Mandrail, District Karauli, Rajasthan(MLA:165.30ha. from 8,100TPA to 18,000 TPA. IA/RJ/MIN/9383/2007
<u>AMENDMENT OF TOR</u>	
(2.31).	J-11015/380/2013-IA-II(M) Expansion of Thandiberi Limestone (From Production capacity 1.065 to 1.165 million TPA) Mine by M/s. Binani Cement Limited , located at village - Thandiberi, Tehsil - Pindwara, District - Sirohi , Rajasthan (256.0 ha) IA/RJ/MIN/32082/2013

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

21. Geological Reserve:

Agenda for 16th EAC Meeting to be held during March 20-21, 2017

- (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 over 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 Colony, 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 India, 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
