

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

AGENDA FOR 10th MEETING OF THE RECONSTITUTED EXPERT APPRAISAL COMMITTEE
(NON-COAL MINING), SCHEDULED DURING SEPTEMBER 19-20, 2016.

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 least 10days 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 Proponents are requested to carry one set of documents for submission during EAC meeting.
5. Please indicate the item number of the Agenda while circulating the documents.
6. 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.
7. 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.
8. The project proponents are advised to give their presentation for EC starting with compliance with the prescribed TOR issued for the project.
9. 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.
10. 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.
11. Details of mining project shall be given as per format at **Annexure-1**.
12. 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.
13. 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.
14. 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.
15. 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, sonu.singh@nic.in
16. 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 for 10th EAC Meeting to be held during September 19-20, 2016

AGENDA

Venue: Brahmaputra, First Floor, Vayu Wing, Indira Paryavaran Bhawan, Aliganj, Jor Bagh Road, New Delhi-110003.

Day 1: 19th SEPTEMBER, 2016 (MONDAY)

Agenda Item No. 01:

10.00 AM – 10.15 AM: Circulation of the Minutes of 9th meeting of the EAC.

Agenda Item No. 02:

Day 1: 19TH SEPTEMBER, 2016 (MONDAY)

<u>CONSIDERATION OF ENVIRONMENT CLEARANCE: 10.15 AM onwards</u>	
(2.1).	J-11015/109/2013-IA.II(M) Vanduva Quartz Mine of M/s Sri V. Narasimha Rao located at Village Tudi & Vanduva, Tehsil Veeragattam Mandal, District Srikakulam, Andhra Pradesh (65.76 ha). (Consultant:-Pridhvi Enviro Tech Private Limited)
(2.2).	J-11015/244/2013-IA-II(M) Mota Asota Bauxite Mine with Production Capacity 10,13,260 MTPA of M/s Prabhudas Vithaldas Makhecha located at village Mewasa, Kenedy & Mota, Taluka Kalanpur, District Jamnagar, Gujarat (67.1827ha) (Consultant:-GRC India (P) Ltd.)
(2.3).	J-11015/120/2013-IA-II(M) Virpur (Gunawali) Bauxite Mine of M/s Smt. P.P. Makhecha located at Vill-Virpur (Gunawali), Tehsil-Kalyanpur, District Jamnagar, Gujarat (55.2520 ha) (Consultant:-GRC India (P) Ltd.)
(2.4).	J-11015/264/2013-IA-II(M) Virpur Kenedy Bauxite Mine for M/s Prabhudas Vithaldas located at village – Virpur, Taluka – Kalyanpur, District – Jamnagar, Gujarat (70.8216ha) (Consultant:-GRC INDIA PVT LTD)
(2.5).	J-11015/15/2016-IA.II(M) Proposed Limestone Mine of M/s UltraTech Cement Limited (UTCL) located at Villages – Methala, Madhuvan, Jhanjmer, Rajpara, Ralia & Gadhula, Taluka-Talaji, district-Bhavnagar (Gujarat) (851.3216 ha.) Production Capacity 3.21 MTPA (ROM). (Consultant:-J.M EnviroNet Pvt Ltd)
(2.6).	J-11015/13/2016-IA.II(M) Proposed Limestone Mine of M/s UltraTech Cement Ltd. (UTCL) located at Villages-Bambhor and Talli, Taluka-Talaja, District-Bhavnagar (Gujarat) (193.3269 ha; 0.53 MTPA). (Consultant:-J.M EnviroNet Pvt Ltd.)

(2.7).	J-11015/36/2015-IA-II(M) Balu/Sand Mining (Minor Mineral) of M/s NM Food Products located at Village Mohani, Tehsil Munger, District Munger, Bihar (225 ha) (Consultant:-Vardan enviro net)
<u>RECONSIDERATION OF ENVIRONMENTAL CLEARANCE</u>	
(2.8).	J-11015/5/2016-IA.II(M) Sand Minor Mineral Project of M/s Shri Kulvinder Singh S/o Shri Trilochan Singh M/s P.S. Buildtech located at Village Jathlanaand Dhakwala, Tehsil- Radaur, District-Yamuna Nagar, Haryana (Lease 101.27 ha; Production Capacity 45 Lakhs TPA). (Consultant:- Vardan Environet)
(2.9).	J-11015/178/2016.IA.II(M) Musyoli Chak Joshigaun Soapstone Mining Project of M/S Shri Bhupal Singh Kanwal located at Village- Musyoli Chak Joshigaon, Tehsil & DistrictBageshwar, Uttarakhand. (17.976Ha) (Consultant:- GRC Inida Pvt. Ltd.)
(2.10).	J-11015/192/2011-IA.II(M) River Bed Mining of Sand, Bari and Stone (Minor Mineral) of M/s Smt. Asha Rani Dang , Village Baddi Shitapur, Landewal, Kalyanpur & Kainduwal, Tehsil Nalagarh, District Solan, Himachal Pradesh (Area–70.9312 Hect) (Consultant:- M/s Udaipur Min-Tech Pvt. Ltd)
<u>CONSIDERATION OF TOR PROPOSALS</u>	
(2.11).	Lime stone mine of M/s Vertex Cements (P) Ltd located at Telukutla, Daida and Gangavaram Villages, Gurazala Mandal, Guntur District, Andhra Pradesh (ML Area: 1539.53 acres (623.039 ha) IA/AP/MIN/58028/2016
(2.12).	Chinaclay mining of M/s Oriental Prospecting Company located at Survey no. 27, 34 & River Bed paiki, village Kot, Taluka : Vijapur, District: Mehsana, Gujarat (56.83 ha.) IA/GJ/MIN/58226/2016
(2.13).	Babarzar Limestone Mine of M/s. Prabhudas Vithaldas located at Village Babarzar, Taluka Lalpur, District-Jamnagar with production capacity of 44664 TPA of ROM. (76.89 Ha). IA/GJ/MIN/58376/2016
(2.14).	Silica Sand Mine of M/s K. Seshagiri Rao & Co. located at Kothapatnam Village, Kota Mandal, SPS Nellore District, Andhra Pradesh (50.60 Ha.) IA/AP/MIN/58389/2016
(2.15).	Sonadih Limestone of M/s. Lafarge India Private Limited located at Sonadih, Dhabadih, Raseda, Keshdabri Villages, Balodabazar Tehsil Of Balodabazar-Bhatapara District, Chhattisgarh (294.160 ha) IA/CG/MIN/58559/2016
(2.16).	Bandla Limestone Mine of M/s Friends Minerals located at Mauza Shamah Pamta, Tehsil-Poanta Sahib, Distt-Sirmour, Himachal Pradesh (4.91 ha) IA/HP/MIN/58619/2016

(2.17).	Fuser Iron Ore Mining of M/s Corporate Ispat Alloys Limited located at Village: Fuser, Tahsil: Chamorshi, Dist: Gadchiroli, Maharashtra (72.60 Ha) IA/MH/MIN/58688/2016
(2.18).	Kalamala Mine lease of M/s The India Cements Limited (ICL) located in Chilamkur & Kalamalla Village, Yerraguntla Mandal, Y.S.R.Kadapa district of Andhra Pradesh. IA/AP/MIN/57582/2016
(2.19).	Limestone, Shale & Clay production of M/s The India Cements Limited (ICL) Burugupally village in Chincholi Taluka, District Kalaburagi (Gulbarga), Karnataka. IA/KA/MIN/57585/2016
(2.20).	Iron Ore Mine of M/s Sai Balaji Minerals located at Village Obulapuram, d. Hirehal Mandal, Anantapur District Andhra Pradesh (4.06 ha) IA/AP/MIN/55797/2016
(2.21).	Hatgacha Black Stone Mines of M/s West Bengal Mineral Development Mineral Development & Trading Corporation located at Village: Hatgacha, P.S. Mahammad Bazar District : Birbhum, West Bengal. IA/WB/MIN/58536/2016

Day 2: 20TH SEPTEMBER, 2016 (TUESDAY)

10.00 AM Onwards

<u>CONSIDERATION OF ENVIRONMENT CLEARANCE: 10.00 AM onwards</u>	
(2.22).	J-11015/277/2012-IA.II (M) Palakhada mining project of Bauxite mine by M/s Saurashtra Minerals Pvt. Ltd. , located at Village Palakhada, Tahsil and District- Porbandar, Gujarat (90.5279 ha) (Consultant:-Kadam Environment Consultants)
(2.23).	J-11015/276/2012-IA.II(M) Palakhada Mining project of Bauxite mine of M/s Saurashtra Minerals Pvt. Located at Village Palakhada, Tehsil and Dsitrict Porabandar, Gujarat (65.3971 ha) (Consultant:-Kadam Environment Consultants)
(2.24).	J-11015/155/2014-IA.II(M) Production of 2.0 million TPA (ROM) of limestone by M/s Saurashtra Chemicals , located at village Zinzarka-Boricha, Tehsil & District Porbanda, Gujarat (24.28ha) (Consultant:-Mantec Consultants Pvt. Ltd.)
(2.25).	J-11015/443/2014-IA.II(M) Budhwada Limestone Mine of M/s The Ramco Cements Limited located at Village Budawada, jaggayyapeta Taluk, Krishna District, Andhra Prdesh (ML area 160.0 ha) . (Consultant:-M/s. B. S. Envi-Tech Pvt. Ltd.)

(2.26).	J-11015/72/2013-IA.II (M) Mogla Limestone Mine of M/s JSW Cements Ltd. for 4.51 MTPA Limestone capacity at Mogla Village, Chittapur Taluka, Gulbarga District, Kanataka (404.29 ha) (Consultant:-Bhagavathi Ana Labs Pvt Ltd)
(2.27).	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) (Consultant:-J.M EnviroNet Pvt Ltd)
<u>EXTENSION OF VALIDITY OF TOR</u>	
(2.28).	J-11015/111/2014-IA.II(M) Pandillapalli Limestone Mine of M/s Bharathi Cement Corporation Pvt. Ltd for 0.5 TPA Limestone Capacity at Pandillapalli, Thurkapalli and T.Sadipiralla Villages, Kamalapuram Mandal, Kadapa District, Andhra Pradesh (95.368 ha.)
(2.29).	J-11015/112/2014-IA.II(M) Pandillapalli Limestone Mine of M/s Bharathi Cement Corporation Pvt. Ltd, located at Village T.Sunkesula & Tippalur, Yerragutla Mandal, District Kadapa, Andhra Pradesh (206.144 ha)
<u>RECONSIDERATION OF ENVIRONMENT CLEARANCE</u>	
(2.30).	J-11015/378/2013-IA.II (M) Mineral, River-Sand (Bajri) Mine with production capacity of 15 LTPA (ROM) by M/s. Satyaswaroop Singh Jadon located near villages Beerasna, Berkhera & others Tehsil – Mahwa, District – Dausa Rajasthan (755.02ha)
(2.31).	J-11015/17/2013.IA.II(M) Limestone Opencast Mining from 2.0 to 5.0 MTPA Project of M/s Lafarge Umaiam Mining Pvt. Ltd. located at Village Nongtraï Tehsil Sohra, District East Khasi Hills of Meghalaya (100 ha)
(2.32).	J-11015/310/2013.IA.II(M) Sand Bajri with production capacity of 28.05 Lakhs TPA (ROM) by M/s Mangal Singh Solanki located at Revenue Villages of Tehsil- Sheoganj, District – Sirohi, Rajasthan (1414 ha) <u>(To present the Scientific Study Report as Replenishment)</u>
(2.33).	J-11015/80/2012.IA.II(M) Surda Copper Mine from 0.39 million TPa to 0.9 million TPA (ROM) by M/s Hindustan Copper Ltd, located at Forest Block No. 198, Tehsil Ghatsila, District East Singhbhum, Jharkhand (MLA 388.68 ha)
<u>AMENDMENT OF ToR</u>	
(2.34).	J-11015/228/2014-IA-II(M) Telighana Limestone & Dolomite Mine of M/s OM Ganesh Minerals located at Village-Telighana Main Road, Rajgangpur, district Sundergarh, Odisha (106.833 ha; 28,704 TPA)

CONSIDERATION OF TOR

(2.35).	Lime Stone (Burning) of M/s. Vaibhav Enterprises located at Villages–Ransigaon, Tehsil – Bilara, District, Jodhpur, Rajasthan ((M.L. No.- 05/1989, Area–96 Ha) IA/RJ/MIN/58292/2016
(2.36).	Lime Stone Mining of M/s Shri Rajendra Singh Kachchwaha (M.L.No.–04/1994, Area – 1000Ha.) located at Village - Mandla, Tehsil-Sojat, District-Pali, Rajasthan (1000Ha. ha.) IA/RJ/MIN/58145/2016
(2.37).	Girgita Limestone Mine of M/s KJS Cement Ltd located at Village-Amilia, Girgita and Sonwari, Taluka-Maihar, District-Satna, State-Madhya Pradesh (Proposed capacity : 1.75 MTPA, Area : 258.998 Ha) IA/MP/MIN/58258/2016
(2.38).	Kakra-Panna Limestone Mine of M/s Jaykaycem Central Limited located at Villages Kakra, Kamtana, Saptai, Judi, Devri purohit & Devra, Tehsil Amanganj, District Panna of State Madhya Pradesh (area – 1594.34 Ha to produce : Normative Capacity : 4.0 MTPA Maximum Achievable Capacity : 4.08 MTPA ha.) IA/MP/MIN/58058/2016
(2.39).	Kamarda Chromite Mines of M/s B. C. Mohanty & Sons Private Limited located at Village: Kamarda, Tehsil: Sukinda, Dist: Jajpur, Odisha (area of 107.24 Ha.) IA/OR/MIN/58324/2016
(2.40).	Ghoraburhani - Sagasahi Iron Ore of M/s Essar Steel India Limited located at Ghoraburhani, Sagasahi and Kalmang village, Koira Tahasil of Sundargarh district of Odisha (139.165Ha). IA/OR/MIN/56152/2016

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:
 - (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 Maharana Manzil, 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. Sahasrabuddhe "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, Uttrakhand.	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, Indian Bureau of Mine,H.No. 100, Old Nehru Colony,Dehradun-248001,Uttrakhand.	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
