

MINUTES OF THE 125th MEETING OF THE SEAC KERALA HELD ON 18TH – 19TH MARCH, 2022 IN CONFERENCE HALL, STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, THIRUVANANTHAPURAM

The 125th meeting of the SEAC, KERALA was held on 18th – 19th March, 2022. The meeting started at 10.30 AM on 18th March, 2022. Dr. Ajayakumar Varma, Chairman, SEAC Kerala chaired the meeting. Sri. Suneel Pamidi, Secretary SEAC, invited the members of the reconstituted SEAC Kerala to its first meeting. The Chairman has requested the cooperation of all the members of the committee who have vast experience in various relevant fields in successfully carrying out the appraisal of the projects in a time-bound manner as per the EIA notification, 2006, and its amendments. The Committee took the following decisions;

1. The Committee took note of OM F No. 22-35/ 2020-IA. III (E 144325) dated 29th October 2021 of MoEF& CC regarding conducting meetings and decided to hold two meetings, i.e., on first Friday and Saturday and Last Friday and Saturday of each month ensuring that the interval between two meetings doesn't exceed 15 days.
2. The committee has decided to consider the existing DSR for the appraisal of mining projects, till the new DSR is prepared as per the guidelines issued by MoEF& CC. It is also decided to intimate SEIAA to request the Government to take necessary action for the revision of the existing DSR.
3. To reduce the time required for appraisal, it is decided that the additional documents required for further appraisal will be noted in the minutes of the meeting, the proponents will get the slot to upload all the documents only after field verification of the sub-committee and presentation of the project by the proponent/ RQP/Consultant.

The Committee then moved on to the agenda items.

Item No.125.01 Noting of minutes of the 124th SEAC meeting held on 24 – 27 August, 2021.

Decision: Noted

PHYSICAL FILES

Item No.125.02 Environmental Clearance for proposed granite building stone quarry in Resurvey Block No.54, Re- Survey Nos.465/1, 465/2, 465/3, 468/6, 468/7 of Anangadi Village, Ottappalam Taluk,

**Palakkad District by M/s Grand Tech sand & Aggregates Pvt Ltd
(File No.1369/EC1/2019/SEIAA)**

Decision: The committee has considered the proposal and decided to recommend the issuance of EC, for the Project life of 12 years subject to the following specific conditions in addition to the general conditions.

1. Mining should not be carried out between the BP7 and BP11 and a protection wall should be provided to the dumping site of overburden.
2. Access Road of the required length should be developed.
3. The existing vegetation in the proposed buffer should be retained and strengthened with more native plants, during the first year itself.
4. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the remaining project life period.

Item No.125.03 Application for Environmental Clearance for Building Stone Quarry in Survey No 34/3-2,34/10,34/9,35/1-2,31/1-2,31/1-3,31/1-4,45/2,45/7,45/8-2,46/1-2,34/8,34/12,44/2-3,46/3,45/5,45/6,34/3,44/4 and 44/5,34/2 in Mancode Village, Kottarakkara Taluk, Kollam District (File.No.2543/EC2/2019/SEIAA (Online File No. 1462/EC2/2019/SEIAA)

Decision: The committee considered the proposal and decided to recommend the issuance of EC for the Project life of 10 years, subject to the following specific conditions in addition to the general conditions.

1. The water quality monitoring report and co-ordinates of the open wells are to be submitted along with Half Yearly Compliance Report (HYCR).
2. The boundary pillars of the quarry should have a setback of 2.5 m from nearby KSEB LT power line.
3. Compensatory afforestation should be done from the 1st year itself and the coordinates of the area with geotagged photos shall be submitted in HYCR.
4. The traffic plan submitted by the proponent should be strictly complied with.
5. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

Item No.125.04 Application for Environmental Clearance for the proposed granite building stone quarry project in Survey No. 368/1-2, 368/1-3,368/2 & 369/1-1(Block No. 24) of Vellilappally Village, Meenachil Taluk, Kottayam District, Kerala by Mr. Augustine

Michael, Managing Partner, M/S Michael Granites. (File No. 1277/EC2/2019/SEIAA)

Decision: The committee considered the proposal and also the opinion of Legal Officer and decided to recommend the issuance of EC, for the Project life of 10 years, subject to the following specific conditions in addition to the general conditions.

1. Blasting should be strictly in accordance with the approved Mine Plan and vibration due to blasting should be monitored monitored for Peak Particle Velocity and maximum charge per delay and included in the Half Yearly Compliance Report.
2. Water level in the nearest dug well in the downstream side of the quarry should be monitored regularly and included in the Half Yearly Compliance Report
3. Quality of water discharged from the quarry should be monitored regularly as per the norms of State Pollution Control Board and included in the Half Yearly Compliance Report.
4. The proponent should submit an affidavit to the effect that the project area included in the present proposal does not fall within the quarry area of 9.9 Acres under mention in the judgement of the Hon'ble Munsiff Court dated 16.12.2016 in O.S.No.33/2015.
5. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

Item No.125.05 Application for Environmental Clearance for Granite building stone Quarry in Re Survey No. 242/3, 242/4 of Uzhavoor & 245/2,245/3 of Monipally Villages in Meenachil Taluk, Kottayam District (File No.1307/EC2/2019/SEIAA)

Decision: The committee has considered the proposal and decided to recommend the issuance of EC, for the Project life of 6 years, subject to the following specific conditions in addition to the general conditions.

1. An observation well should be drilled for monitoring the Ground water level and the report should be submitted along with HYCR.
2. Compensatory afforestation should be done from the 1st year itself and the coordinates of the area with geotagged photos should be submitted with HYCR.
3. Overland flow should not lead to erosion of the top soil dump and therefore, protective measures including channeling of the overland flow outside the boundary of the dump site.

4. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

Item No.125.06 Application for ToR for the proposed quarry project in Survey No. 80/3, 80/3, 80/5A, 80/1A2, 80/1A2, 80/1A3, 80/1A1, 80/1A2 of Palakkuzha Village, Muvattupuzha Taluk, Ernakulam District, by Shri. A. J. Babu. (File No. 1317/EC2/2019/SEIAA)

Decision:The committee considered the proposal and decided to recommend the issuance of EC with a Project life of 4 years, subject to the following specific conditions in addition to the general conditions.

1. The triparty agreement submitted by the proponent regarding the time of blasting and operation of crusher should be strictly complied with so as to avoid the amplification of the seismic waveform due to ground vibration due to simultaneous blasting from the adjacent quarries and crusher operations.
2. A green belt should be developed around the Anganwadi with the consent of the owner of the property.
3. The garland canal and drainage channel should be maintained on a regular basis so as to ensure unobstructed discharge of overland flow.
4. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

Item No.125.07 Application for Environmental Clearance for granite building stone quarry in Block No.20, Re Survey No. 184, 184/2 in vallichira village, Meenachil Taluk, Kottayam District. (File No 1334 /EC2 /2019/SEIAA)

Decision:The committee considered the proposal and decided to recommend the issuance of EC for the Project life of 5 years, subject to the following specific conditions in addition to the general conditions.

1. A water storage facility of at least 5 KLD should be established to meet the requirement of domestic needs of the workers as well as environmental management needs.
2. The width of the approach road should be enhanced so as to accommodate 20 trips
3. of truck with 10 MT capacity on a daily basis and other transportation needs of the
4. local inhabitants. If it is difficult to enhance the width, transportation frequency should be reduced by 50%.

5. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

Item No.125.08 Environmental Clearance for the Proposed Granite Building Stonequarry mining project in survey No.s 91/1,91/1-1,91/1-3,93/3,Kanakkari village, Meenachil Taluk, Kottayam district, Kerala by Mrs. Jubi Stiji, Pannamakal House, Kalathoor, Kanakkari, Kottayam. (File no: 1345/EC2/2019/SEIAA)

Decision:The committee considered the proposal and decided to recommend the issuance of EC for theProject life of 3 years, subject to the following specific conditions in addition to the general conditions.

1. Proponent should take adequate care to prevent breaching of impounded water.
2. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
3. Vibration due to blasting should be monitored for Peak Particle Velocity and maximum charge per delay and included in the Half Yearly Compliance Report.
4. Compensatory afforestation plan should be done from the 1st year itself and the coordinates of the area with geotagged photos should be submitted with HYCR.

Item No.125.09 Application for Environmental Clearance of Granite building stone quarry in Block No.23, Survey No 334,345,345/1 in RamapuramPanchayath, VellilappallyVillage, Meenachil Taluk, Kottayam District. (File No. 1354/EC2/2019/SEIAA)

Decision: The committee considered the proposal and decided to recommend the issuance of EC for theProject life of 5 years, subject to the following specific conditions in addition to the general conditions.

1. Compensatory afforestation should be done from the 1st year itself and the coordinates of the area with geotagged photos shall be submitted with HYCR.
2. Garland canal and drainage channel should be maintained on a regular basis so as to ensure unobstructed discharge of overland flow.
3. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

Item No.125.10 Environmental clearance for the Proposed Granite Building Stone quarry project in Block No.11 Re-Survey No.s 200/2,201/2,201/4, Kanakkari village, Meenachiltaluk, Kottayam district, Kerala by Mr. Rajesh Mathew, Puthenpurrackal House, Pattithanam, Kottayam (1380/EC2/2019/SEIAA)

Decision: The committee considered the proposal and decided to recommend the issuance of EC for the Project life of 4 years, subject to the following specific conditions in addition to the general conditions.

1. Compensatory afforestation should be done from the 1st year itself and the coordinates of the area with geotagged photos should be submitted with HYCR.
2. Stagnant water in the quarry is polluted and it should be cleaned and emptied from the quarry pit prior to commencement of quarrying. A report to this effect with geotagged photographs should be submitted in the first Half Yearly Compliance Report.
3. Garland canal and drainage channel should be maintained on a regular basis so as to ensure unobstructed discharge of overland flow.
4. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

Item No.125.11 Application for Environmental Clearance for Granite building Stone Quarry in Survey No. 221 in Mundakkayam Village, Kanjirapally Taluk, Kottayam District (2434/EC2 /2019/SEIAA)

Decision: The committee considered the proposal and decided to recommend the issuance of EC for the Project life of 5 years, subject to the following specific conditions in addition to the general conditions.

1. Relocate the top soil dump to lower elevation (on eastern side) with protective walls as per the revised map submitted.
2. Reduce the depth of mining to 155m AMSL or 5 m BGL considering the need for maintaining slope stability and possibility of breach of pit. Accordingly the quantity of extraction proposed should be limited
3. Compensatory afforestation should be done from the 1st year itself and the coordinates of the area with geotagged photos should be submitted with HYCR.
4. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
5. Measures for maintaining the slope stability should be implemented and it should be reported in the Half Yearly Compliance Report

Item No.125.12 Application for Environmental Clearance for granite building stone quarry of Mrs.Thresiamma Thomas in Sy No.264/2 in Kanjirappaly Village, KanjirapallyTaluk, Kottayam. (2804/EC2/2019/SEIAA)

Decision:The committee considered the proposal and decided to recommend the issuance of EC for theProject life of 5 years, subject to the following specific conditions in addition to the general conditions.

1. Top Soil dump proposed in southern side of the project should be provided with protective wall.
2. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
3. Compensatory afforestation should be done from the 1st year itself and the coordinates of the area with geotagged photos should be submitted with HYCR.

Item No.125.13 Environmental clearance for the proposed Building Stone Quarry project in, Survey No.1619/1,1621/1 in Kanthaladu Village, Thamarassery Taluk, Kozhikode District, Kerala, by Mr.Haridasan T.H (1264/EC1/2019/ SEIAA)

Decision: The committee considered the proposal and decided to recommend the issuance of EC for theProject life of 10 years, subject to the following specific conditions in addition to the general conditions.

1. Adequate measures should be taken to ensure slope stability in the steep side slope areas.
2. OB dumping location should be in the lower elevation as per the map submitted by the Proponent
3. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

Item No.125.14 Environmental Clearance for the proposed Building Stone Quarry project in Re.Survey 98/1 in Raroth Village,ThamarasseryTaluk, Kozhikode District, Kerala State.by Mr.Haris.C (1285/EC2/2019/SEIAA)

Decision:The committee considered the proposal and decided to recommend the issuance of EC for the Project life of 5 years, subject to the following specific conditions in addition to the general conditions.

1. Quarrying should commence only after developing the road fully.
2. The rock boulders which are dangerously poised on top of the proposed mine site should be removed prior to the commencement of mining activity.
3. Development of green belt should commence prior to the commencement of mining activity.
4. Mining of the lowest bench, 105-100m should not be done considering hydrogeological aspect.
5. Provide adequate protection for the storage area proposed for overburden and mine waste prior to the commencement of mining activity to prevent the possibility of erosion of soil stored.
6. Eco-restoration should be done with an exclusive detailed species recovery plan for the Queen Sago (*Cycas circinalis*), an endangered palm species. Nursery should be raised for both male and female forms of the species and re-introduction should be carried out in partnership with the local community or other interested parties like forest department, local schools or colleges within the 10 KM area and the surrounding homesteads.
7. The choice of species for restoration and green belting should include three tree species- *Terminalia bellirica*, *T. chebula* and *Terminalia arjuna* as these are the species that can bring back other associated biodiversity to this mining site and its surroundings.
8. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

Item No.125.15 Environment Clearance for the proposed Granite Building Stone quarry project in Survey No. 20 of Panakkad Village, Ernad Taluk, Malappuram District, Kerala by Mr. Kunnummal Ali Haji (1290/EC2/2019/SEIAA)

Decision: The committee considered the proposal and decided to recommend the issuance of EC for the Project life of 5 years, subject to the following specific conditions in addition to the general conditions.

1. As the approach road is narrow and settlements are seen on either side of the road, only tippers of 3 Ton capacity should be permitted to transport the boulders. Consent from house owners at the valley side of the road should be obtained.

2. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in full.

Item No.125.16 **Environmental Clearance for the proposed quarry project in Survey No. 111/2-4 of Kodur Village, Perinthalmanna Taluk, Malappuram District, Kerala over an area of 0.3668 Ha by Mr. Moidu K (1348/EC2/2019/SEIAA)**

Decision: The committee considered the proposal and decided to recommend the issuance of EC for the life of mine of 3 years, subject to the following specific conditions in addition to the general conditions.

1. The recommendations in the slope stability study should be complied with and reported in the HYCR.
2. Measures incorporated in the CER should be implemented in full during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
3. A portion of the site includes a water logged pit which is currently being used for fish farming. The water quality should be maintained in compliance to pollution control norms.

Item No.125.17 **Environmental clearance for mining of Laterite stone in Re.survey.No.384/1, Block No.13 of Muthuvalloor Village, Kondotty Taluk, Malappuram District, Kerala by Sri.Sidheeq.T.P., Malappuram (1345/A2/2019/SEIAA)**

Decision: The committee considered the proposal and decided to recommend the issuance of EC for the life of mine of 2 years subject to the following specific conditions in addition to the general conditions.

1. Adequate drainage from the mine site should be ensured
2. A signed affidavit to the effect that the land area will be used for agricultural purpose after completion of the mining should be submitted prior to commencement of mining.

Item No.125.18 **Environmental Clearance for Building stone quarry project in Survey No.158/1,158/2,158/3,159 in Venganellor village, Thalappily Taluk, Thrissur District (1397/EC2/ 2019/SEIAA)**

Decision: The committee considered the proposal and decided to recommend the issuance of EC for the Project life of 5 years, subject to the following specific conditions in addition to the general conditions.

1. Precautionary measures must be taken to prevent rolling down of boulders and erosion of soil from the northern flank towards the valley. Slope must be stabilized with Vetiver and by using vegetation.
2. The traffic plan submitted should be strictly adhered to.
3. Measures incorporated in the CER should be implemented in full during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

Item No.125.19 **Environmental Clearance for the Granite Building Stone quarry project in Survey No B1-138, 303/1 of Vellayoor Village, Nilambur Taluk, Malappuram District, Kerala over an area of 0.5594 Ha. by Mr. Saleem Kunnummal (1382/EC2/ 2019/SEIAA)**

Decision: The committee considered the proposal and decided to recommend the issuance of EC for the life of mine of 5 years, subject to the general conditions.

1. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

Item No.125.20 **Environmental Clearance for the building stone quarry project in V-Kottayam Village, Konni Taluk, Pathanamthitta District of Sri.Sadanandan- Judgment in WP(C) No.12420/2020 regarding revalidation of EC (200/SEIAA/EC4/86/2014)**

Decision: The Committee verified the documents and found them satisfactory. The report of Village Officer V-Kottayam is also satisfactory. The Committee recommends the issuance of EC for the life of mine of 10 years, from the date of issuance of original EC subject to the decision of the 111th SEIAA that observations made by the SEAC Expert Team during field inspection have to be attended before recommendation of SEAC for revalidation of EC. Accordingly, the committee entrusts Smt. Beena Govindan and Dr. Mahesh Mohan for field level verification.

Item No.125.21 **Environmental clearance issued for the quarry project in Sy No.232 and 411(pt) at Mangalam Dam Village, Alathur Taluk, Pathanamthitta District by Sri.Tom George, Managing Director, M/s TMT Granites - Judgment in WP (C) 10860/2020 regarding the validity of EC.(. 570/SEIAA/EC1/ 4174/2014)**

Decision: The Committee entrusted Dr.K.N. Krishnakumar and Dr.A.V.Raghu and Dr.K. Vasudevan Pillai for field inspection. The team shall also verify the complaints filed by Sri. Suresh Babu and Sri. K. Ponnan particularly regarding illegal extraction of rocks.

Item No.125.22 Environmental clearance issued for the quarry project in Sy.No.65/1, 3, 5, 6, 7, 10, 12, 13, 74/4, 5 and 6 at Nellanad Village and Panchayath, Nedumangadu Taluk, Thiruvananthapuram District by Sri. Abdul Salam Pookunju, M/s Aaramam Rock (P) LTD.- Judgment dated 02.11.2020 in WP (c) No. 11409 of 2020- regarding the validity of EC (624/SEIAA/KL/4807/2014)

Decision: Noted the decision of the 112thSEIAA. The Committee entrusted Dr. R. Ajayakumar Varma and Dr. A. Bijukumar for conducting field inspection to confirm the compliance of observations made by the SEAC during its previous visit. The team shall also carry copy of the petition of Sri. T.P. Suresh Babu and Binu S for verification during field inspection.

Item No.125.23 Environmental clearance issued for the quarry project in Sy. Nos. 163/2,3,4,7,8, 164/1,4,6,9,10,18-A,165/1-A, 3 and 4 at Karavarom Village, Varkala Taluk, Thiruvananthapuram District, Kerala by Sri. Sreekumar, S.S., M/s. M.S. Building Products - Judgment dated 2.11.2020 in WP (C) 19032/2020 - regarding the validity of EC (763/SEIAA/EC1/447/2015)

Decision: The committee verified the documents submitted by the proponent and found them satisfactory. The Committee decided to recommend the issuance of EC for the Project life of 10 years from the date of issuance of the original EC(4.3.2016) with the following specific conditions in addition to the general conditions.

1. Overhanging overburden in the crown area above the topmost bench should be strengthened with vegetative measures.
2. The traffic management plans submitted should be strictly adhered to.
3. The overburden dumping site is full. Therefore, a new site, located in the lower reach of the project site, should be used and it should be safeguarded with protection walls.
4. Periodic maintenance of stormwater drainage channel, silt trap, and garland drain should be done periodically for ensuring obstruction free flow.
5. The buffer area should be planted with native species and plants and it should be nurtured with utmost care.

Item No.125.24 Environmental clearance issued for the proposed quarry project in Sy. Nos. 85/9-1, 85/13-1, 85/16-1, 88/1-1, 88/1-2, 88/3-1, 88/4, 88/5, 88/7 in Nellanadu Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala of Sri. Suresh Kumar. S- Judgment dated 02.11.2020 in WP(C) No. 11763/2020 regarding revalidation of EC (872/SEIAA/EC1/ 3103/2015)

Decision: The Committee entrusted Dr. R. Ajayakumar Varma and Dr. A. Bijukumar to conduct a field inspection to confirm whether the Project Proponent has complied with the non-compliances noticed by the Integrated Regional Office of the MoEF& CC and estimate the Project Life as directed by the Hon. High Court.

Item No.125.25 **Environmental Clearance issued to M/s. Darkstone Land Developers Pvt.Ltd in Sy. No. 1/1 (pt) of Ottappalam Village, Ottappalam Taluk, Palakkad District, Kerala by Sri. Shamsudheen. M.P – CrI.M.C. No. 1232 of 2021- Interim Report furnished (705/SEIAA/KL/5657/2014)**

Decision: The committee entrusted Dr.K.Vasudevan Pillai, Dr. K.N. Krishnakumar &Dr. A.V Raghu for field inspection to answer the issues raised by the Hon. High Court in CrI. M.C. No.1232 of 2021 and verify the compliance status of EC conditions mentioned in the Post Environmental Clearance Monitoring Report. The team is also entrusted to attend all the observations made by the Integrated Regional Office of the MoEF& CC at Bangalore and estimate the Project Life.

Item No.125.26 **Environmental Clearance for the building stone quarry project in Sy.No.83 (P) at Kumaranellur Village, Kozhikode Taluk, Kozhikode District-Judgment in WP (C) No.19629/2020 filed by Sri.Ajas M.M, M/s Ponoorpoyil Granites - regarding the validity of EC. (File No.442/SEIAA/KL/3034/2014)**

Decision: The Committee decided to entrust Sri. V.Gopinathan and Dr.C.CHarilal for field inspection to confirm the compliance of observations as per the compliance report submitted by the proponent and verify the Certificate of Compliance received from the Integrated Regional Office of the MoEF& CC, Bangalore and other documents submitted. The team shall also examine the complaint received from Sri. Babu Mathew requesting not to renew the existing EC.

Item No.125.27 **Environmental Clearance for the building stone quarry of M/s Chelupara Granites situated at Re.Sy.No.172 pt of Kodiyathoor Village, Kozhikode Taluk, Kozhikode District, Judgment in WP (C) No.1332/2021 filed by Sri.B.P.Sidique Haji - regarding the validity of EC. (File No.998/EC4/4409/SEIAA/2015)**

Decision: The Committee decided to entrust Sri. V.Gopinathan & Dr.C.C. Harilal for conducting field inspection to confirm the compliance of the conditions stipulated in the 124th SEAC meeting. The Committee may also re-examine the Project life considering

mineable reserve estimated and annual production plan proposed as per the approved mining plan based on which the EC was issued and also the production details of the mine.

Item No.125.28 **Environment Clearance for the building stone quarry project in Re Survey No.147/1, 147/2A1, 2A2, 2B1, 2B2 at Thazhakode Village Kozhikode Taluk, Kozhikode District (Judgment in WP (C) No.19589/2020 filed by Sri.AbdulRahim,M/s Mukkam Metals - regarding the validity of EC. (File No.2450/EC4/SEIAA/2020)**

Decision: The documents submitted by the proponent are found satisfactory. The Committee decided to entrust Sri. V.Gopinathan&Dr.C.C. Harilal for conducting field inspection to confirm the compliance of the conditions stipulated in the 123rd SEAC meeting. The field inspection team shall also verify the documents desired from the proponent as per the decision of the 112th meeting of the SEIAA.

Item No.125.29 **Environmental Clearance for the quarry project in Sy. Nos. 1019/3, 1019/4, 1019/5, 1019/6, 1019/7, 1021/6, 1021/8, 1021/9, 1027P, 1028P, 1029P and 1030P at Painkulam Village, Thalappilly Taluk, Thrissur District, Kerala by Sri.T.Mathew Abraham, M/s. Southern Rock &Aggregate Mining Company– Judgment dated 02.11.2020 in WP(C) No.17533 of 2020- Revalidation of EC. (285/SEIAA/KL/1362/2014)**

Decision: The documents submitted by the proponent are found satisfactory. The Committee decided to entrust Dr. K.N. Krishnakumar and Sri. S. Sheik Hyder Hussain for conducting field inspection to confirm the compliance of the conditions stipulated in the 124th SEAC meeting. The field inspection team shall also verify the documents desired from the proponent as per the decision of the 112th meeting of the SEIAA, if any.

Item No.125.30 **Environmental Clearance for the quarry project in Sy. Nos. 147/15/3pt, 147/1070/1pt, 1070/3pt, 1070/1 pt, 147/4/1/1p, 147/1089/2 pt, 147/1087/2pt, 1088/2/1, 1069/1/4pt, 1069/1/2pt, 1068/3pt, 147/1089/3 pt of Ollukkara Village, Thrissur Taluk, Thrissur District, Kerala by M/s Thomson Granites Pvt. Ltd. – Judgment dated.24.11.2020 in WP(C) No.25842 of 2020 – Revalidation of EC (601/SEIAA/KL/4604/2014)**

Decision: The documents submitted by the proponent are found satisfactory. The Committee decided to entrust Dr. K.N. Krishnakumar and Sri. S. Sheik Hyder Hussain for conducting field inspection to confirm the compliance of the conditions stipulated in the 124th SEAC

meeting. The field inspection team shall also verify the documents desired from the proponent as per the decision of the 112th meeting of the SEIAA, if any.

Item No.125.31 **Environmental Clearance for the quarry project in Sy. Nos. 2066/1, 2067/2, 2063, 2057, 2056/2, 3 and 2067/1 at Kuttichira Village, Kodassery Panchayath, Chalakkudy Taluk, Thrissur District by Sri. Shibu Pynadath John, Managing Director, M/s Pynadath Granite Pvt.Ltd. – Judgment dated 18.11.2020 in WP(C) No.24278 of 2020 - Revalidation of EC (606/SEIAA/ EC1/4633/2014)**

Decision: The Committee decided to entrust Dr. K.N. Krishnakumar and Sri. Sheik Hyder Hussain for conducting field inspection to confirm whether the project proponent has attended all the non-compliances mentioned in the Letter No. EP/12.1/2015-16/17/SEIAA/KER/403 dated 18.3.2021 of the Integrated Regional Office of the MoEF&CC and the recently submitted Compliance report from the same office and recommend whether EC has to be cancelled or not. The team shall also verify the issues raised by Sri. P.V. Rappai after giving a notice to him about the date of inspection. The team shall also assess the Project life considering all the documents in detail.

Item No.125.32 **Environmental Clearance for the quarry project in Sy. Nos 2059/1, 2060, 2061, 2063 of Kuttichira Village & Survey Nos . 928, 929, 930, 931, 932/1, 932/2 at Kodassery Village, Kodassery Panchayath, Chalakkudy Taluk, Thrissur District, Kerala – Common Judgment dated 02.11.2020 in WP(C) No.11048 of 2020 - Revalidation of EC (847/SEIAA/EC1/2859/2015)**

Decision: The Committee decided to entrust Sri.S.SheikhHyder Hussain &Dr.K.N.Krishnakumar for conducting a field inspection to confirm whether the Proponent has complied with the non-compliances noticed by the Integrated Regional Office of the MoEF&CC, Bangalore and also for estimating the Project Life as directed by the Hon. High Court of Kerala.

Item No.125.33 **Environmental Clearance for the quarry project in Sy.No. 1244/1 (pt) at Killanur Village, Thrissur Taluk, Thrissur District by Sri.Dineshmon N.T, M/s.Rudra Granites – Judgment dated 26.03.2021 in WP(C) No.8023 of 2021 - Revalidation of EC (File No.823/SEIAA/EC1/2977/2015)**

Decision: The Committee decided to defer the proposal for detailed scrutiny.

Item No.125.34 **Environmental clearance for the proposed building stone quarry project in Survey No. 254/2(P) and 254/3(P) Ayyampuzha Village &Ayyampuzha Panchayat, Aluva Taluk Ernakulam Kerala, State**

**by Sri. George Joseph, Managing Partner, M/S G.M Granites -
Revalidation of EC. (File No. 1068/SEIAA/EC3/1723/2016)**

Decision: As per Lr. No.L5-10275/2021 dated 28.2.2022 of the District Collector, Ernakulam, it is informed that prohibitory orders have been issued to M/s. G.M Granites vide order no. C1-4361/20 dated 16.2.2022 of Tehsildar, Aluva as per the Direction of the District Collector. It is also informed that the Tehsildar, Aluva and the District Geologist, Ernakulam have been ordered to take immediate actions to book case against M/s. G.M. Granites and charge seniorage and fine as per the provisions of the law for over extraction of 11,99,422.32 MT of hard rock. In the circumstance, the Committee decided not to proceed with the revalidation process of M/s. G.M. Granites, Ayyampuzha further and report the matter to the SEIAA.

Item No.125.35 **Environmental clearance for a quarry project in Sy. Nos. 111/3 pt, 110/8, 112/4, 111/4 pt., 111/5 pt., 113/2, 112/5, 112/1-1, 112/1-2, 112/8-1, 112/8-2, 112/8-3, 112/2 and 112/7 at Koodal Village, Kalanjoor Panchayat, Adoor Taluk, Pathanamthitta District, Kerala by M/s Aswathy Granites Pvt. Ltd.— Judgment dated 11.08.2021 in WP (C) No.16371/2021 - Revalidation of EC.(File No. 147/SEIAA/KL/2748/2013)**

Decision: The committee decided to entrust Smt Beena Govindan and Dr. Mahesh Mohan for conducting field inspection for confirming whether the Project Proponent has complied with the non-compliances noticed by the Integrated Regional Office of the MoEF&CC, Bangalore and estimating the Project life.

Item No.125.36 **Environmental Clearance for the building stone quarry project in Survey Nos. 51/3 (p), 53/1 (p), 53/2 (p), 54/3 (p), 54/4 and 54/5 at Urangattiri Village, Ernad Taluk, Malappuram District, Kerala – Judgment dated 03.08.2021 in WP(C) No.15431 of 2021 - Revalidation of EC (File No.437/SEIAA/EC1/2997/2014)**

Decision: Deferred for detailed scrutiny as the Proponent submitted three Mining Plans instead of revised scheme of mining and also there are two mining leases forming part of the EC issued.

Item No.125.37 **Environmental clearance for the proposed building stone quarry project in Re-survey Nos. 76/8, 77/1, 77/2, 78/6, 97/1, 97/2 at Mancode Village, Kottarakkara Taluk, Kollam District, Kerala by Arun Varghese, Managing Partner, M/s Tasna Mines - Judgment in WP (C) 26513/2020 filed by Tasna Mines - regarding the validity of EC. (File No. 1201/EC2/2018/SEIAA)**

Decision: The Committee examined the details submitted by the Proponent in response to the direction of the SEAC decided in its 118th meeting to submit additional documents. The

Committee observed that the compliance report to the EC conditions is not satisfactory and the scheme of mining is not submitted. The Committee decided to consider the proposal further on satisfactory submission of report and documents and report the same to the SEIAA.

Item No.125.38 **Common judgment dated 11.12.2019 in WP (C) No.5589/2019, WP (C) No.9656/19 and WP (C) No.25439/2019 filed by Sri.Unnikrishnan.K.P and the President,Vaniyamkulam Grama Panchayat against M/s JMC Granites, Palakkad – Complaint received from Shri.E.Sreedharan (File No.4429/A2/2019/SEIAA)**

Decision: The Committee decided to entrust Sri. S. ShiekHyder Hussain and Dr. K. Vausudevan Pillai for conducting field inspection to verify the compliances report and hearing notes and also complaints filed by Sri. E. Sridharan in the background of a series of directions by the SEIAA and related matters. The team shall also verify the scientific study on assessment of blast induced ground vibration submitted by the proponent.

Item No.125.39 **Application for environmental clearance for removal of Ordinary earth in Sy.No.121/10 at Vazhakkulam Village, Kunnathunad Taluk, Ernakulam District by Shri. James Jacob [File No.2205/EC2/2019/SEIAA]**

Decision: SEAC noted the decision of Hon'ble court's Judgment in WP(C) No. 2055/22 dated 04.02.2022 that further proceedings on the application for Environmental Clearance submitted by the petitioner need not be proceeded with.

Item No.125.40 **Rejected the Environmental Clearance for Granite building stone quarry Project at Re.Sy.Block No.2, Re.Sy.No.114pt in Chekkyad Village, Vadakara Taluk, Kozhikode District, Kerala (SIA/KL/MIN/140734/2020) {1429/EC3/2019/SEIAA}**

Decision: The Committee decided to issue the copy of FIR to the proponent and invite for a personal hearing in the next SEAC meeting in compliance to the judgement of the Hon. High Court No. WPC No.12161 dt. 1.7.2021.

Item No.125.41 **Environmental Clearance for the proposed Building stone Quarry project in Re-Survey Nos. 74/1D of Kuttoor Village, Payyannur Taluk, Kannur District by Mr. Shri.Sumith Goyal, Managing Director, M/s.RDS Project Ltd (SIA/KL/MIN/45999/2019 , 1504/EC3/2019/SEIAA)**

Decision: Deferred the item for detailed scrutiny. However, it is desirable to take the following administrative actions.

1. The Department of Mining & Geology may be addressed to inform the status of receipt of the environmental compensation of Rs.1,58,00,000/- (Rupees One Crore Fifty Eight Lakhs only) as it is ordered to be deposited by the 5th Respondent within 3 months from the date of order of Hon. NGT.

2. The Department of Environment & Climate Change, Govt. of Kerala may be addressed to examine the constitution of an Environment Benefit Fund, in the Directorate of Environment and Climate Change, Govt. of Kerala for utilization of the amount for betterment of the environment and restoration of damage caused to the environment due to unscientific manner in which the mining activities are carried out. Since SEIAA is directed to file their compliance report regarding the directions issued by Hon. NGT in respect of recovery of the environmental compensation and utilization of the same and creation of Environment Benefit Fund within a period of 4 (Four) Months, decision on the same may be expedited.

Item No.125.42 Environmental clearance for the quarry proposed quarry project in Sy.No. 172 (pt) at Kodyathoor Village, Kozhikode Taluk, Kozhikode District, Kerala by Sri.O.Sivarajan.(Judgment in WP© No. 15708/2021 filed by Sri.Akhil.O - regarding the validity of EC. (File No.917/SEIAA/EC4/3671/2015)

Decision:The Committee decided to urgently seek the status of the compliance details and report obtained from the Integrated Regional Office of the MoEF& CC.

Item No.125.43 Environmental Clearance issued by DEIAA, Thrissur for the quarry project in Sy.No.53/2 of Vengannellur Village, Thalappilly Taluk, Thrissur District– Judgment dated 24.11.2020 in WP(C) No.25848 of 2020- Revalidation of EC (1028/EC6/2021/SEIAA)

Decision: The Committee decided to entrust Dr.K.N.Krishnakumarand Sri. S.ShiekhHyderHussain for field verification including estimation of Project Life and field level facts pertaining to the Complaint of Sri. Joseph submitted to the SEIAA and filed before the Hon. High Court.

Item No.125.44 Judgment regarding EC- Revalidation pending proposals due to non-submission of documents (2227/EC2/SEIAA/2022)

Decision: The Committee noted the consolidated list of cases pending with reasons for pendency. It is decided to take urgent actions for speedy disposal of the proposals in which the documents are submitted by the proponents.

Item No.125.45 Environmental Clearance for the proposed development of Malabar Cancer Centre as postgraduate Institute of Oncology Sciences and Research-Phase11,Thalassery Kannur District, Kerala. (SIA/KL/MIS/208403/2021) {1898/EC4/2021/SEIAA}

Decision:The Committee decided to invite the proponent for presentation in the next SEAC meeting. The Committee also entrusted Dr.R.Ajayakumar Varma and Dr.C.C.Harilal to conduct a field verification on the proposal.

PART -1

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1.SIA/KL/MIN/125990/2019 , 1519/EC1/2019/SEIAA

Environmental clearance for Granite Building Stone Quarry of Mr.Ziyad. A.L over an extent of 0.9162 Ha. Re Survey No 468/4,468/5,468/7,468/10,468/12,468/13,472/1 in Kilimanoor Village, Chirayinkeezhu Taluk, Thiruvananthapuram District, Kerala

Decision: Deferred for further scrutiny

2.SIA/KL/MIN/126088/2019, 1525/EC1/2019/SEIAA

Environmental Clearance for the building stone quarry of Mr Deepak N D Managing Partner M/s Quality Rocks at Survey Nos. 26/2,26/2,26/2,27/1,27/3 of Vaniyamkulam-2 Village, Ottappalam Taluk, Palakkad District, Kerala

Decision: Deferred for further scrutiny.

3. SIA/KL/MIN/127997/2019 , 1559/EC3/2019/SEIAA

Environmental Clearance for Granite Building stone quarry of “Mr.P C James, Sy.No: 382/1,383/1,383/1,383/1 in Varappetty Village, Kothamangalam Taluk, Ernakulam

Decision: Deferred for further scrutiny.

4. SIA/KL/MIN/129777/2019 , 1561/EC1/2019/SEIAA

Environmental clearance for Granite building stone quarry of Mr. Haridasan T, for an extent of 0.9896 Ha , Survey no 315 in Nagalassery Village, Pattambi Taluk, Palakkad- District, Kerala

Decision: Deferred for further scrutiny.

5.SIA/KL/MIN/130246/2019 , 1582/EC2/2019/SEIAA

Application for Environmental Clearance for Granite Building Stone Quarry project of Mr.K.V.Thaj in Sy.No.666,674,674/p,675,675/p in Perumpilavu Village, Kunnankulam Taluk, Thrissur District for an area of 0.9945 Ha

Decision: Deferred for further scrutiny.

6. SIA/KL/MIN/134293/2019 , 1583/EC1/2019/SEIAA

Environmental clearance for Granite Building Stone Quarry of M/s Kunjikuzhi Stones over an extent of 2.4229 Ha. Block No.29, Survey No 246/2,135/5- 2,139/1,139/2,139/5, in Manickal Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala(Judgment dated 10.11.2021 in WPC 24742 of 2021)

Decision: The Committee decided to recommend for EC for the project life of 5years subject to the following specific conditions in addition to the general conditions.

1. Compensatory afforestation should be done from the 1st year itself and the coordinates of the area with geotagged photos should be submitted with HYCR.
2. Periodic maintenance of drainage channel, silt trap, and garland drain should be done for ensuring unobstructed drainage.

7. SIA/KL/MIN/134626/2020 , 1610/EC1/2020/SEIAA

Environmental clearance for Granite Building Stone Quarry of Mr. R.Sudharman over an extent of 1.4561 Ha. Re Survey No 504/1,504/2,504/3 in Mallappally Village, Mallappally Taluk, Pathanamthitta District, Kerala

Decision: Deferred for further scrutiny.

8.SIA/KL/MIN/136253/2020, 1603/EC4/2020/SEIAA

Environmental Clearance for Laterite Building Stone Quarry of Mr.Velayudhan, over an extent of 0.0559 Ha. Re Survey No-424/2 , in Paruthur Village, Pattambi Taluk, Palakkad District, Kerala

Decision: The committee has decided to entrust Dr.A.V.Raghu and Dr.K.Vasudevan Pillai for field inspection and report.

9.SIA/KL/MIN/144145/2020, 1685/EC1/2020/SEIAA

Application for the Environmental Clearance for proposed Laterite Building Stone project of Koyamonin Re Survey No. 34/5 of Karimpuzha - 1 Village, Ottapalam Taluk, Palakkad District, Kerala

Decision: The committee has decided to entrust Dr.A.V.Raghu and Dr.K.Vasudevan Pillai for field inspection and report.

10. SIA/KL/MIN/145849/2020, 1612/EC1/2020/SEIAA

Environmental Clearance for Granite Building Stone of Mr. Sasidharan.G over an extent of 2.8540Ha at Re Sy No 434/3,4,5,7,8,9,10,12,16,17,19,20,21,22, 22-1,23,24, 27,29,436/2-1,2-2,2-3,5ofPerumpazhuthoor Village, Neyyattinkara Taluk, Thiruvananthapuram District, Kerala

Decision: Deferred for further scrutiny.

11. SIA/KL/MIN/153616/2020 , 1809/EC1/2020/SEIAA

Environmental Clearance for the Granite Building Stone Quarry Project in Survey No. 4/3, of Vaniyamkulam-2 Village, Ottapalam Taluk, Palakkad District, Kerala for an Area of 0.9415 Ha. By Sri.V. P Ramankutty, Managing Partner M/S Kulappully Granites.

Decision:Deferred for further scrutiny.

12. SIA/KL/MIN/158328/2020 , 1424/EC1/2019/SEIAA

Application for Granite Building Stone Quarry of Mr.Sasidharan at Re Survey. No. 240/3,244/11,244/10, 244/9,244/3,244/3-1 in Thekkada Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala (Conversion- ToR to EC)

Decision: Deferred for further scrutiny.

13. SIA/KL/MIN/158794/2020 , 1835/EC6/2020/SEIAA

Application for Environmental Clearance for the Granite Building Stone Quarry of Mr. Shabeerali in Sy.No.383/1, 385 in Panthalloor Village, Ernad Taluk, Malappuram District for an area of 1.8112 Ha. (Conversion TOR to EC)

Decision: Deferred for further scrutiny.

14. SIA/KL/MIN/159197/2020 , 1324/EC2/2019/SEIAA

Granite Building Stone Quarry of Smt. E.M. Pathumbi (Conversion-ToR-EC) at Re Survey.No: 325/1,327/5, (Block No-04) in Pallassena Village, Chittur Taluk, Palakkad District, Kerala

Decision: Deferred for further scrutiny.

15. SIA/KL/MIN/165625/2020 , 1440/EC1/2019/SEIAA

Application for EC for the proposed Granite Building stone of Mr. C. Krishna Pillai (ConversionToR- EC) in Block No-27,Re-Survey Nos.283/1pt,283/2pt,283/4,296/3pt of Ezhumattoor Village , Mallapally Taluk of Pathanamthitta District, Kerala (Conversion ToR- EC)

Decision: Deferred for further scrutiny.

16. SIA/KL/MIN/169720/2020 , 1433/EC1/2019/SEIAA

Environmental Clearance for the Granite Building Stone Quarry project in Re Survey Nos. 321/1-1 of Kulukkallur Village, Pattambi Taluk, Palakkad District, Kerala by Sri.MuhammedSaleem.V (Conversion ToR to EC)

Decision: Deferred for further scrutiny.

17. SIA/KL/MIN/172168/2020 , 1815/EC6/2020/SEIAA

Application for Environmental Clearance for the Granite building Stone Quarry project of Mr. Ramankutty in Sy.No.587/1, 586 in Painkulam Village, Thalappilly Taluk, Thrissur District for an area of 0.8132 Ha

Decision: Deferred for further scrutiny.

18. SIA/KL/MIN/196400/2021, 1415/EC2/2019/SEIAA

Granite Building Stone Quarry of M/s Brothers Quarry (Conversion ToR to E.C), Re-Sy. Block No:-25,Re-Sy:-194, 243/1, 198/4, 198/6-1, 242/1, 242/6, 242/8B, 242/7, 243/2 in Village- Pallickal, Taluk- Varkala, District- Thiruvananthapuram (Judgment dated 14.12.2021 in WPC 28684/2021)

Decision: The Committee decided to recommend EC for a Project life of 10 years, subject to the following specific conditions in addition to the general conditions:

1. Compensatory afforestation should be done from the 1st year itself and the coordinates of the area with geotagged photos shall be submitted with HYCR.
2. Periodic maintenance of drainage channel, silt trap and garland drain for ensuring the unobstructed drainage.

19. SIA/KL/MIN/205474/2021, 1444/EC2/2019/SEIAA

Application for Environmental Clearance for the Granite Building Stone Quarry of Mr.K.I Joseph (Conversion ToR to EC) in Survey No.53/2 in Venganellur Village, Thalappilly Taluk, Thrissur District for an area of 0.991 Ha

Decision: Deferred for further scrutiny.

20. SIA/KL/MIN/39461/2019, 1546/EC1/2019/SEIAA

Building Stone Mine(Quarry, Minor Mineral Mining) project of M/s Vengunadu Granite and Sands Pvt. Ltd. at Survey Nos. 238/1, 238/2, 239/1, 239/2, 239/5, 239/6, 239/7, Block No. 22, Muthalamada 1 IN Muthalamada 1 village, ChitturTaluk, Palakkad

Decision: Deferred for further scrutiny.

21. SIA/KL/MIN/40283/2019, 1457/EC3/2019/SEIAA

Environmental Clearance for Granite Building Stone Mining Project (Area - 0.9995 Ha) in Re-survey No. 50/4, 52/2/2, Star Rock Products Pvt. Ltd. at Ayyampuzha Village, Aluva Taluk, Emakulam District

Decision: Deferred for further scrutiny.

22. SIA/KL/MIN/45585/2019, 1494/EC1/2019/SEIAA

Environmental Clearance for Granite Quarry M/s Tasna Mines in Re - Sy. No. 345/1, 340/2, 339/11, 340/4, 340/5, 339/2, 345/7, 345/9 of Pallikkal Village, Varkala Taluk of Thiruvananthapuram District., Kerala for an extent of 2.4925 Ha under B2 category.(M/s Tasna Mines) - Judgement dated 10.11.2021 in WPC 2357/2021

Decision: The Committee decided to recommend EC for a Project life of 10 years subject to the following specific conditions in addition to the general conditions:

1. The mining as proposed in the mining plan will lead to a very high wall of width 7.5m between the proposed mine area and the adjacent old quarry as a standalone feature between BP1 and BP2. As it is not desirable, appropriate action should be taken to maintain the buffer between BP1 and BP2 without the standalone feature after seeking directions from the District Geologist prior to the commencement of mining activity.
2. The PP should strictly comply with the detailed transportation plan submitted considering the road density and road width and operational feasibility.
3. Establish a water storage facility to the tune of at least 30 KLD for meeting the requirement of environmental management needs.
4. Periodic maintenance of drainage channel, silt trap, and garland drain should be done for ensuring unobstructed drainage.
5. Compensatory afforestation should be done from the 1st year itself and the coordinates of the area with geotagged photos should be submitted with HYCR.
6. The plan submitted for implementation of the CER should be implemented in the first two years and it should be operated and maintained during the rest of the Project Life.

CONSIDERATION OF TOR PROPOSALS

1.SIA/KL/MIN/44581/2019 , 1463/EC2/2019/SEIAA

Application for ToR for the Granite building Stone Quarry project of Mr. Ramankutty in Sy.No.587/1, 586 in Painkulam Village, Thalappilly Taluk, Thrissur District for an area of 0.8132 Ha

Decision: Deferred for further scrutiny.

2. SIA/KL/MIN/41701/2019, 1497(A)/EC1/2019/SEIAA

Environmental Clearance for Building Stone Quarry Project of Mr. Ajikumar.N in Re-Survey Number: 270/3 Malayalappuzha Village, Konni Taluk, Pathanamthitta District - Judgement dated 15.11.2021 in WP(C) No.25297/2021

Decision: The Committee decided to recommend for EC for a Project life of 4 years, subject to the following specific conditions in addition to the general condition:

1. The PP should submit an affidavit declaring the water requirement for the purpose of drinking water and environmental management and appropriate storage facility will be established for storing three times of the total daily water requirement prior to commencement of mining.
2. Compensatory afforestation should be done from the 1st year itself and the coordinates of the area with geotagged photos should be submitted with HYCR.
3. The topsoil dump should be protected by a gabion wall to avoid erosion.
4. The level of mining should be limited to 100 m above MSL
5. The PP should ensure adequate measures to prevent leakage or breach of impounded water, if any, from the quarry pit, to prevent related adversities in the low-lying area since the fracture density of the rock is less.
6. The peak particle velocity, amplification and displacement factor of the ground vibration should be monitored and ensured compliance to DGMS guidelines prior to commencement of mining and submit the details along with HYCR.

PART 2

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/125065/2019 , 1496/EC2/2019/SEIAA

Environment Clearance for mining lease of “Granite Building Stone Quarry of Shri. Biju Varghese” over an extent of 3.6570 Ha. (9.0364 Acres) in Block No. 27, Re-Sy. Nos. 19/2, 19/6, 19/7, 20/1, 20/2, 20/3, 20/3-1, 20/3-2, 51/1, 51/2, 51/2-1, 51/2-2, 52/1, Ramapuram Village, Meenachil Taluk, Kottayam District, Kerala State, India

Decision: Deferred for further scrutiny.

2. SIA/KL/MIN/125685/2019 , 1520/EC2/2019/SEIAA

Environmental Clearance for the Proposed Granite (Building Stone) Quarry of Shri. Bethi Seshadri Reddy, Project Manager M/s KMC Constructions Ltd. in Sy. Nos. 1417/1, 1417/10, 1417/11, 1417/12, 1417/13 & 1417/14 of Kodakara Village, Chalakudy Taluk, Thrissur District., Kerala for an extent of 0.9700Ha (Judgment dated 18.11.2021 in WP(C) No.25368 of 2021 regarding distance criteria)

Decision: Deferred for further scrutiny.

3.SIA/KL/MIN/130104/2019 , 1638/EC3/2020/SEIAA

Environmental Clearance for the building stone quarry of Mr. P. P. Varghese Proprietor M/s Kallen Metals at Survey No. 487/1-3B, 487/1-2-3 of Pallarimangalam Village, Kothamangalam Taluk, Ernakulam District, Kerala for an Area of 0.9981 Ha.

Decision: Deferred for further scrutiny.

4.SIA/KL/MIN/130694/2019 , 1566/EC4/2019/SEIAA

Environmental Clearance for the Proposed Ordinary Earth of Rabina in Survey No. 136/66, 67, 68 of Sasthamkotta Village, Kunnathur Taluk, Kollam District, Kerala for an extent of 0.1289 Ha under B2 category.

Decision: Deferred for further scrutiny.

5.SIA/KL/MIN/134011/2019 , 1629/EC2/2020/SEIAA

Environmental Clearance for the proposed building stone quarry of Sri. .Narayanan at Sy No: 331/2(pt),332pt of BeemanadyVillage,Vellarikund Taluk, Kasaragod District, Kerala State for an area of 0.9748 Ha

Decision: Deferred for further scrutiny.

6. SIA/KL/MIN/134296/2019 , 1621/EC1/2020/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry in Re-Survey No. 200/1 of Mundur 2 Village, Palakkad Taluk, Palakkad District, Kerala for an extent of 0.0960 Ha.

Decision: The Committee entrusted Dr.A.V.Raghu and Dr.K.Vasudevan Pillai for field inspection and also verification of drainage and ground water aspects particularly.

7. SIA/KL/MIN/143624/2020 , 1652/EC4/2020/SEIAA

Environmental Clearance for Laterite Building Stone Quarry of Mr. MoolakaranRajan M at Re-Sy. No- 84/364 of Kadannappally Village, Payyannur Taluk, Kannur District of Kerala for an extent of 0.8094 Ha under B2 category

Decision: The Committee decided to recommend EC with aProject life of 4 years subject to the following specific conditions in addition to the general conditions:

1. Mining should be carried out by providing benches at every 2m.
2. Proper drainage from the mine site should be ensured.
3. Sprinkling of water should be done on the unsurfaced road prior to truck movements.
4. The proponent should undertake phased restoration of the mine and should complete it as the mining operation is completed.
5. Therestored area should be used for the cultivation of food crops.

6. The filled-up pits with the waste/OB material to be covered with freshly removed soil mixed with sufficient organic matter to ensure fast raising of vegetation and avoiding invasion of alien plants species like Acacia.

8.SIA/KL/MIN/144785/2020 , 1684/EC1/2020/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry in ReSurvey No. 154/4 of Sreekrishnapuram – 1I Village, Ottapalam Taluk, Palakkad District, Kerala for an extent of 0.0971 Ha

Decision: The Committee entrusted Dr.A.V Raghu and Dr.K.Vasudevan Pillai for field inspection and report.

9.SIA/KL/MIN/146136/2020 , 1630/EC2/2020/SEIAA

Environmental Clearance for the Building Stone Mine (Quarry, Minor Mineral Mining) project of Mr. Sukumaran E. at Block No. 3, Re. Survey Nos. 188/1, 188/2 of Padichira Village, SulthanBathery Taluk, Wayanad District, Kerala

Decision: Deferred for further scrutiny.

10. SIA/KL/MIN/147443/2020 , 1633/EC2/2020/SEIAA

Environmental Clearance for the proposed Building Stone Quarry of Mr. Mehamood. M.A at Survey No 51/1A,51/1C in Badoor Village, Manjeshwaram Taluk, Kasaragod District, Kerala State for an extent of 0.6187 Ha

Decision: Deferred for further scrutiny.

11. SIA/KL/MIN/148361/2020 , 1641/EC3/2020/SEIAA

Environmental Clearance for the proposed Building Stone Quarry of M/s Seas Rock Products at Survey No 426/3,426/4,426/5 in Neyyassery Village, Thodupuzha Taluk, Idukki District, Kerala State for an extent of 1.5163 Ha

Decision: Deferred for further scrutiny.

12. SIA/KL/MIN/154110/2020 , 1730/EC2/2020/SEIAA

Environmental Clearance – Building Stone Mine (Quarry) project at Survey Nos. 222/4, 222/5, 222/28, 222/14, 229/1-2, 229/15, 229/15-2-1, 229/15-2-2 (Pvt. Land) and 222/13, 222/21, 222/23, 222/24 (Govt. Land) in Chadayamangalam Village, Kottarakkara Taluk, Kollam District, Kerala for an area of 0.9812 hectares (M/s K Lekshmanan Infrastructure and Industries Pvt Ltd)

Decision: The additional documents sought has been submitted and found satisfactory. The Committee decided to recommend EC for a Project life of 3years, subject to the production of valid NOC from the District Collector. The approved Mine Plan is not found in the storage file. Therefore, it should be obtained prior to the issuance of EC. The following specific conditions in addition to the general conditionsis also recommended.

1. Traffic plan should be strictly adhered to.

2. Overland flow and the connecting channel and silt trap should be maintained periodically so as to ensure unobstructed drainage.
3. Compensatory afforestation should be done from the 1st year itself and the coordinates of the area with geotagged photos should be submitted with HYCR.
4. The CER Plan should be implemented during the first two years and it should be and maintained during the rest of the period

13. SIA/KL/MIN/159524/2020, 1442/EC2/2019/SEIAA

Environment Clearance for the Granite Building Stone quarry of Mr. P.R. Vijayakumar at Re Survey No-53/2 in Venganellur Village, Thalappilly Taluk, Thrissur District, and Kerala for total mine permit area of 0.9907 Ha (conversion-TOR-EC)

Decision: Deferred for further scrutiny.

14. SIA/KL/MIN/43053/2019 , 1498/EC3/2019/SEIAA

Environment Clearance for mining lease of “Granite Building Stone Quarry of Shri. K.K. Premkumar, over an extent 1.4621 Ha. (3.6128 Acres) Sy Nos. 1/100,1 & 9 Tholambra Village, Thalassery Taluk, Kannur District, Kerala State, India for a production capacity 50,130 tonnes per annum.

Decision: Deferred for further scrutiny.

15. SIA/KL/MIN/43590/2019 , 1476/EC2/2019/SEIAA

Environment Clearance for mining lease of “Granite Building Stone Quarry of Sri. Sudheesh A.T’ over an extent of 0.9246(2.2846Acres) at Sy No. 115/13 in Padichira Village, Sultan Bathery Taluk, Wayanad District, Kerala.

Decision: Deferred for further scrutiny.

16. SIA/KL/MIN/43829/2019 , 1475/EC2/2019/SEIAA

Environment Clearance for mining lease of “Granite Building Stone Quarry of M/s. NewMary Matha Metal Crusher Unit”, over an extent of 1.2488 Ha. (3.0857 Acres) Re-Survey Block. No.41, Re-Survey Nos. 224/2, 228/1 & 228/5,Kooroppada Village, Kottayam Taluk, Kottayam District, Kerala State

Decision: Deferred for further scrutiny.

17. SIA/KL/MIN/43996/2019 , 1487/EC3/2019/SEIAA

Environment Clearance for mining lease of Shri. K. Gangadharan over an extent 1.5110 Ha. (3.7337 Acres) Sy. No. 57/2B2, Kolavallor Village, Thalassery Taluk, Kannur District, Kerala State, India for a maximum production of 46,657.50 Tonnes Per Annum

Decision: Deferred for further scrutiny.

18. SIA/KL/MIN/44927/2019 , 1210(A)/EC2/2019/SEIAA

Environmental Clearance for Expansion of Existing Masonry Stone Mine (Quarry) project of M/s H & P Granites for an area of 9.0681 ha. at Kummil Village, Kottarakkara Taluk, Kollam District, Kerala

Decision: Deferred for further scrutiny.

19. SIA/KL/MIN/45999/2019 , 1504/EC3/2019/SEIAA

Environmental Clearance for the proposed Building stone Quarry project in Re-Survey Nos. 74/1D of Kuttoor Village, Payyannur Taluk, Kannur District by Mr. Shri.Sumith Goyal, Managing Director, M/s.RDS Project Ltd-(NGT final order No.75/2021 dated 25.02.2022)

Decision: Deferred for further scrutiny.

20. SIA/KL/MIN/46090/2019 , 1491/EC2/2019/SEIAA

Environmental Clearance for the Building Stone Mine (Quarry, Minor Mineral Mining) project of Mr. Reji Joseph at Re-Survey Nos. 268/8-1, 268/8-2, 268/6, 268/6-1, 269/1, 269/1-2, 269/1-3, 260/1, 260/1-1, 260/1-2 at Kanagazha Village

Decision: Deferred for further scrutiny.

21. SIA/KL/MIN/46189/2019, 1523/EC3/2019/SEIAA

Environmental Clearance for the building stone quarry at Survey No. 185/3/2,186/1/8 of Maneed Village, Muvattupuzha Taluk, Ernakulam District, Kerala for an Area of 0.9384 Ha. - Mr Sabu Cheriyan Managing Partner M/s Marymatha Granites

Decision: Deferred for further scrutiny.

22. SIA/KL/MIN/76720/2018, 1490/EC2/2019/SEIAA

Environmental Clearance for the proposed Granite building stone quarry Project at Survey No. 10/2, 97/4, 97/6, 97/7, Kalpetta Village, Wayanad District by Sri.Sajith Lal.M

Decision: Deferred for further scrutiny.

CONSIDERATION OF TOR PROPOSALS

1. SIA/KL/MIN/36523/2019 , 1389/EC2/2019/SEIAA

Environmental Clearance for the proposed Granite Building Stone quarry of Mr.Sibish Augustine at Survey NoS264/1,295/6,296/3,296/4,296/5,297/1 in Vayakkara

Village, Payannur Taluk, Kannur District, Kerala for total mine lease area of 1.0854 Ha (Conversion ToR to EC).

Decision: Deferred for further scrutiny.

- 2. SIA/KL/MIN/39592/2019 , 1412/EC2/2019/SEIAA
Environmental Clearance for the Proposed Granite Building Stone Quarry of Mr. SudheeshA T at Survey No: 55/2, 55/3, 55/4 of Irulam Village, SulthanBathery Taluk, Wayanad District, Kerala for an area of 2.4973 hectares.**

Decision: Deferred for further scrutiny.

PART 3

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

- 1. SIA/KL/MIN/148469/2020 , 1710/EC6/2020/SEIAA
Laterite Building Stone Quarry of Ali N in Re-Survey No. 185/1 of Kattipparuthy Village, Tirur Taluk, Malappuram District, Kerala for an extent of 0.0971 Ha**

Decision: The committee has examined the proposal in detail. The proponent has not submitted the ADS in total. The Committee decided to direct the proponent to submit the following documents as they were not submitted:

1. Affidavit from the landowners neighboring to the road.
2. Drainage plan.

- 2. SIA/KL/MIN/148500/2020 , 1711/EC6/2020/SEIAA
Laterite Building stone Quarry project of Sri.AhammedNasar.M in Resurvey No. 27, 29/1 of Athavanad Village, Tirur Taluk, Malappuram District, Kerala for an extent of 0.1940Ha**

Decision: The proposal has been examined. As per the layout submitted by the Village Officer, there is a house within 45m of the project site. So, the distance criteria as per the existing norms do not permit the application to be considered. Therefore, it is decided to obtain clarification from the proponent with documental evidence.

- 3. SIA/KL/MIN/152637/2020 , 1706/EC6/2020/SEIAA
Laterite Building Stone Quarry of Mohammed Faisal in Re-Survey Nos. 57/12, 57/13 & 57/1 of Valambur Village, Perintalmanna Taluk, Malappuram District, Kerala for an extent of 0.969675 Ha**

Decision: The committee examined the proposal in detail. As per the certificate provided by the Village Officer, there is a building at a distance of 30m from the project site. So, the distance criteria as per the existing norms do not permit the application to be considered.

Therefore it is decided to obtain clarification from the proponent with documental evidence.

4. SIA/KL/MIN/152770/2020 , 1708/EC6/2020/SEIAA

Laterite building stone quarry project of Abdul Kareem, over an extent of 0.3886 Ha in Re Sy No 228/3-1, 228/3-4, 228/3-5 of Pookkottur Village, Ernad Taluk, Malappuram District, Kerala.

Decision: The committee decided to recommend for EC with a Project life of 3years with the following specific conditions in addition to the general conditions:

1. The width of the approach road should be maintained with width not less than 8m as per the plan submitted.
2. The hill slope at BP2, BP4 & BP3 should be stabilized using vegetation as per the plan submitted.
3. The drainage channel and silt traps from the mine should be maintained periodically to avoid obstruction free drainage from the mine site and surroundings.

5. SIA/KL/MIN/152789/2020 , 1707/EC6/2020/SEIAA

Laterite building stone quarry project of Moideen, over an extent of 0.5533 Ha in Re Sy No-284/1, Block No.28 of Kavanur Village, Ernad Taluk, Malappuram District, Kerala.

Decision: The Committee decided to recommend EC witha Project life of 3 years subject to the following specific conditions in addition to the general conditions.

1. The drainage channel and silt traps should be maintained periodically to avoid obstruction free drainage from the mine site and surroundings.

6. SIA/KL/MIN/156633/2020 , 1772/EC6/2020/SEIAA

Laterite building stone quarry project of Ismail K.P over an extent of 0.7325 Ha in Re Sy No- 477/1-2,Block No.18 of Vazhakkad Village, Kondotty Taluk, Malappuram District, Kerala.

Decision: The Committee decided to recommend EC witha Project life of 3 years subject to the following specific conditions in addition to the general conditions:

1. Mining should be carried out by providing benches at every 2m.
2. The drainage channel and silt traps should be maintained periodically to avoid obstruction free drainage from the mine site and surroundings.

7. SIA/KL/MIN/161364/2020 , 1765/EC6/2020/SEIAA

Laterite building stone quarry of Sri.Anil Kumar P.T in Re Survey No. 2/3-105, 2/3-102, 2/3-108, 2/3- 106& 2/3-103 of IrimbiliyamVillage ,Tirur Taluk, Malappuram district, Kerala State for an extent of 0.7752Ha

Decision: The Committee decided to recommend for EC for project life of 5years subject to the following specific conditions in addition to the general conditions:

1. Mining should be carried out by providing benches at every 2m.
2. The drainage channel and silt traps should be maintained periodically to avoid obstruction free drainage from the mine site and surroundings.
3. The depth of the mining should be limited to 5m for a total quantity of 81396 MT.

8. SIA/KL/MIN/161510/2020 , 1770/EC6/2020/SEIAA

Laterite building stone quarry of Sri.Subair O.K in Re Survey No. 2/3-16 & 2/1-45 of IrimbiliyamVillage ,Tirur Taluk, Malappuram District, Kerala State for an extent of 0.2958 Ha.

Decision: The Committee decided to recommend EC witha project life of 1year subject to the following specific conditions in addition to the general conditions:

1. Mining should be carried out by providing benches at every 2m.
2. The drainage channel and silt traps should be maintained periodically to avoid obstruction free drainage from the mine site and surroundings.

9. SIA/KL/MIN/161725/2020 , 1717/EC6/2020/SEIAA

Laterite Building Stone Quarry of Aneesh Ambalakkath in Re-Survey Nos.382/4-15, 382/5-14 of Moorkkanad Village, Perintalmanna Taluk, Malappuram District, Kerala for an extent of 0.4858 Ha.

Decision: The Committee decided to recommend for EC for project life of 3 years subject to the following specific conditionsin addition to the general conditions

1. Depth of mining should be limited to 4m, with a maximum minable quantity 34000MT.
2. Mining should be carried out by providing benches at every 2m
3. The drainage channel and silt traps should be maintained periodically to avoid obstruction free drainage from the mine site and surroundings.

10. SIA/KL/MIN/163206/2020 , 1733/EC6/2020/SEIAA

Laterite building stone quarry project of Sameeh, over an extent of 0.9928 Ha in ReSy No-240/A-320 of Moorkkanad Village, Perinthalmanna Taluk, Malappuram District, Kerala

Decision: The committee has decided to recommend for EC with a project life of 3years with the following specific conditions in addition to the general conditions:

1. Mining should be carried out by providing benches at every 2m.
2. The drainage channel and silt traps should be maintained periodically to avoid obstruction free drainage from the mine site and surroundings.
3. The depth of mining should be limited to 6m.

11. SIA/KL/MIN/174851/2020 , 1800/EC6/2020/SEIAA

Laterite building stone quarry project of Abu Thahir P.K over an extent of 0.7649 Ha in Re Sy No- 477/1-2,Block No.18 of Vazhakkad Village, Kondotty Taluk, Malappuram District, Kerala

Decision: The committee has decided to recommend for EC with a project life of 3years with the following specific conditions.

1. Mining should be carried out by providing benches at every 2m
2. The drainage channel and silt traps should be maintained periodically to avoid obstruction free drainage from the mine site and surroundings.

PART 4

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/171276/2020 , 1389/EC2/2019/SEIAA

Environmental Clearance for the proposed Granite Building Stone quarry of Mr.Sibish Augustine at Survey NoS 264/1, 295/6, 296/3, 296/4, 296/5, 297/1 in Vayakkara Village, Payannur Taluk, Kannur District, Kerala for total mine lease area of 1.0854 Ha (ConversionToR to EC) (Agenda Part-2, ToR proposal-item no.1)

Decision: Deferred for further scrutiny.

2. SIA/KL/MIN/242348/2021 , 1497(A)/EC1/2019/SEIAA

Environmental Clearance for Building Stone Quarry Project of Mr. c in Re-Survey Number: 270/3 Malayalappuzha Village, Konni Taluk, Pathanamthitta District–(Judgement dated 15.11.2021 in WP(C) No.25297/2021)- (Agenda Part 1, ToR proposal- Item No.3)

Decision: The Committee has decided to recommend EC witha Project life of 4 years subject to the following specific conditions in addition to the general condition:

1. The PP shouldsubmit an affidavit declaring the water requirement for the purpose of drinking water and environmental management and appropriate storage facility will be established for storing three times of the total daily water requirement prior to commencement of mining.

2. Compensatory afforestation should be done from the 1st year itself and the coordinates of the area with geotagged photos should be submitted with HYCR.
3. The topsoil dump should be protected by a gabion wall to avoid erosion.
4. The level of mining should be limited to 100 m above MSL
5. The PP should ensure adequate measures to prevent leakage or breach of impounded water, if any, from the quarry pit, to prevent related adversities in the low-lying area since the fracture density of the rock is less.
6. The peak particle velocity, amplification and displacement factor of the ground vibration should be monitored and ensured compliance to DGMS guidelines prior to commencement of mining and submit the details along with HYCR.

3. **SIA/KL/MIS/208403/2021, 1898/EC4/2021/SEIAA**

Environmental Clearance for the proposed development of Malabar Cancer Centre as postgraduate Institute of Oncology Sciences and Research-Phase 11, Thalassery Kannur District, Kerala

Decision: The Committee decided to invite the proponent for presentation in the next SEAC meeting. The Committee also entrusted Dr.R.Ajayakumar Varma and Dr.C.C.Harilal to conduct a field verification on the proposal.

CONSIDERATION OF TOR PROPOSALS

1. **SIA/KL/MIN/40579/2019 , 1442/EC2/2019/SEIAA**

**Environmental Clearance for the proposed Granite Building Stone quarry of Mr. P.R. Vijayakumar at Re Survey No-53/2 in Venganellur Village, Thalappilly Taluk, Thrissur District, and Kerala for total mine permit area of 0.9907 Ha.
(Agenda Part-2, EC proposal-item no.13)**

Decision: Deferred for further scrutiny.

2. **SIA/KL/MIN/42932/2019 , 1424/EC1/2019/SEIAA**

Application for Environmental Clearance for the proposed Granite Building Stone Quarry of Mr.Sasidharan at Re Survey. No. 240/3,244/11,244/10, 244/9,244/3,244/3-1 in Thekkada Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala (Agenda Part 1, EC proposal- Item No.12)

Decision: Deferred for further scrutiny.

3. **SIA/KL/MIN/35208/2019 , 1346/EC2/2019/SEIAA**

Granite Building Stone quarry of MR.SHABEERALI Re. Survey. No. 383/1, 385 of Panthalloor Village, Eranad Taluk, Malappuram District, Kerala for total lease area of 1.8112 Ha

Decision: Deferred for further scrutiny.

4. **SIA/KL/MIN/41118/2019 , 1444/EC2/2019/SEIAA**

Environmental Clearance for the proposed Granite Building Stone quarry of Mr. K.I Joseph at Survey No-53/2 in Venganellur Village, Thalappilly Taluk, Thrissur District, and Kerala for total mine permit area of 0.9907 Ha (Agenda Part 1, EC Proposal- Item No.19)

Decision: Deferred for further scrutiny.

5. **SIA/KL/MIN/41954/2019 , 1433/EC1/2019/SEIAA**

Environmental Clearance for the Granite Building Stone Quarry project in Re Survey Nos. 321/1-1 of Kulukkallur Village, Pattambi Taluk, Palakkad District, Kerala by Sri.MuhammedSaleem.V (Agenda Part 1, EC proposal- Item No.16)

Decision: Deferred for further scrutiny.

6. **SIA/KL/MIN/34282/2019 , 1324/EC2/2019/SEIAA**

Granite Building Stone quarry of Smt.E.MPathumbi at Re Sy No 325/1,327/5 (Block No 04) in Pallassena Village, Chittur Taluk, Palakkad District, Kerala, for total mine permit area of 0.2283 Ha (Agenda Part 1, EC Proposal- Item No.14)

Decision: Deferred for further scrutiny.

7. **SIA/KL/MIN/39900/2019 , 1415/EC2/2019/SEIAA**

Granite Building Stone Quarry of M/s Brothers Quarry (Conversion ToR to E.C), Re-Sy. Block No:-25,Re-Sy:-194, 243/1, 198/4, 198/6-1, 242/1, 242/6, 242/8B, 242/7, 243/2 in Village- Pallickal, Taluk- Varkala, District- Thiruvananthapuram(Judgment dated 14.12.2021 in WPC 28684/2021)- (Agenda Part 1, EC Proposal- Item No.18)

Decision: The Committee has decided to recommend for EC for a project life of 10 years, subject to the following specific conditions in addition to the general conditions:

1. Compensatory afforestation should be done from the 1st year itself and the coordinates of the area with geotagged photos shall be submitted with HYCR.
2. Periodic maintenance of drainage channel, silt trap and garland drain for ensuring the unobstructed drainage.

It is decided to convene the next meeting of SEAC during 11th,12th & 13th, April 2022.

The meeting ended at 5.30 pm on 19th March 2022 with a vote of thanks to the Chair.

Sd/

**Suneel Pamidi, IFS
Secretary, SEAC**

Sd/

**Dr.Ajayakumar Varma
Chairman, SEAC**

List of members who have attended the SEAC meeting on 18.03.2022

1	Dr.Bijukumar. A	8	Dr.Mahesh Mohan
2	S. Sheikh Hyder Hussain	9	Dr.K.N.Krishnakumar
3	Dr. A.N. Manoharan	10	V.Gopinathan
4	M. Dileepkumar	11	Dr.A.V.Raghu
5	Beena Govindan	12	Dr.N.Ajithkumar
6	Dr.C.C.Harilal		
7	Dr.K.Vasudevan Pillai		

List of members who have attended the SEAC meeting on 19.03.2022

1	Dr.Bijukumar. A	8	Dr.Mahesh Mohan
2	S. Sheikh Hyder Hussain	9	Dr.K.N.Krishnakumar
3	Dr. A.N. Manoharan	10	V.Gopinathan
4	M. Dileepkumar	11	Dr.A.V.Raghu
5	Beena Govindan	12	Dr.N.Ajithkumar
6	Dr.C.C.Harilal		
7	Dr.K.Vasudevan Pillai		