

**State Expert Appraisal Committee Himachal Pradesh  
at H.P. Department of Environment, Science & Technology  
Government of India  
Ministry of Environment and Forests**

MINUTES OF THE 9<sup>TH</sup> MEETING OF THE STATE EXPERT APPRAISAL COMMITTEE  
HELD AT THE DEPARTMENT OF ENVIRONMENT, SCIENCE & TECHNOLOGY,  
NARAYAN VILLA, SHIMLA-2, ON 25<sup>TH</sup> JUNE , 2010:

9<sup>th</sup> Meeting of State Expert Appraisal Committee for appraisal of Project proposals received for Environmental Clearance was held on 25<sup>th</sup> June, 2010 in the Department of Environment, Science & Technology, Narayan Villa, Shimla. The following were present in the meeting:

1.	Er. Harinder Thakur, Former Member (Tech.) HPSEB	<b>Chairman</b>
2.	Sh. K.C. Sharma Conservator Forests (Retd.)	Member
3.	Prof. (Dr.) B.B. Kanwar	Member
4.	Prof. (Dr.) Dalip Singh Thakur	Member
5.	Prof. (Dr.) N.S. Chauhan	Member
6.	Er. D.K. Sharma	Secretary

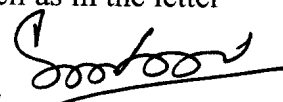

**Opening Remarks and deliberations:-**

The Chairman, SEAC while welcoming the members in the 9<sup>th</sup> meeting of SEAC requested all the members to express their views/comments in the course of deliberations.

Before taking up the listed Agenda for the meeting, Committee deliberated and discussed the following Circulars/Memorandums issued by Ministry of Environment and Forests. Committee made the following observations and comments:

1. OM No. J-11013/41/2006-IA.II(I) dated 17-03-2010, related to mentioning the name of consultant with the name of project proponent in the minutes as well as in the letter

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prescribing the TORs and endorsement clearance letter. Committee took note of the contents for necessary follow up in the matter.

2. OM No. J-11013/77/2004-IA.II (I) dated 18-03-2010, related to accreditation of the consultant by National Accreditation Board of Education and training/Quality council of India. No final EIA/EMP from any project proponent prepared by Non-accredited consultant will be entertained after 1<sup>st</sup> July, 2010. Necessary action to apprise the applicants has already been taken by the secretariat of SEIAA.

Thereafter the listed agenda items were taken up for deliberations with the permission of Chair.

### **ITEM NO. 2: CONFIRMATION OF THE MINUTES OF 8<sup>TH</sup> MEETING OF SEAC:**

The minutes of the eighth meeting held on 12-03-2010 were confirmed.

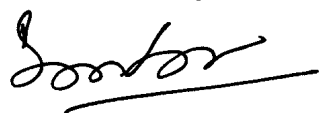
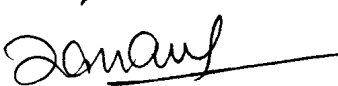
### **ITEM NO. 3: APPRAISAL CASES FOR ENVIRONMENTAL CLEARANCE:**

- 3.1 **Proposal of M/s Mahindra Holidays Resorts India Ltd. Village-Bassa, Tehsil, Theog, District -Shimla (H.P.) for construction of Resort of 152 rooms.**

**CONSULTANT NAME:- Sophisticated Industrial Material Analytic Labs Pvt. Ltd.**

The item was also listed in 7<sup>th</sup> meeting of SEAC held on 20 and 21<sup>st</sup> January 2010 with following observation:-

1. Unit shall submit the amended Form-I with complete and clear information on each column;
2. Applicant should also check the applicability of EIA Notification, 2006 and desired that the REIA should be prepared by the proponent.
3. It is observed by the Committee that REIA /Form 1A do not indicate the time period for which the meteorological information are included in the REIA/Form 1A. This

aspect should be rechecked and corrected wherever such deficiencies exist in REIA/Form 1A.

4. It is also generally observed that the information related to secondary data including meteorology as reported in REIA is same to different locations far away from each other and the applicants and their consultants should recheck such anomalies to avoid back reference and resultant delays.

The proponent submitted the additional/ revised details and information given, the Project Proposal with a total cost of Rs. 34 Crores involves the construction of Resort of 152 rooms. The total project area involved is 29,259 m<sup>2</sup> with built up area of more than 20,000 m<sup>2</sup>, Green Area 5905.80 m<sup>2</sup>, parking area 7382.25 m<sup>2</sup> and road area 4800 m<sup>2</sup>. The total water requirement for the proposed project is 71 KLD which will be met through tankers brought from outside. The unit has proposed STP (SAFF Technology) to treat domestic sewage and the capacity of STP proposed is 250 KL/day. The treated sewage shall be used for gardening. The power requirement for the Project is indicated as 1272.12 KW which is to be sourced through H.P.S.E.B, One standby D.G. set of 750 KVA capacity with Auto load synchronizer to be used only during electricity breakdowns. The Domestic solid waste 0.625 ton/day shall be generated, and it will be segregated in Bio-degradable & non-bio-degradable dustbins. Biodegradable part shall be used for vermi-composting, however non biodegradable material will be sent to land filling site which is proposed to be collected/ disposed off as per provisions of Municipal Waste (Management and Handling) Rules, 2000 (and amendments made thereafter) under Environment (Protection) Act, 1986. An Environment Management Plan has been prepared on the basis of Rapid Environment Impact Assessment Report by the Project Proponent.

Committee observed that the revised Forms submitted are still incompletely and incorrectly filled up. Committee also undertook the field visit on 25<sup>th</sup> June, 2010 and observed that the unit needs to submit the lay out plan duly depicting the disposal of storm water and surplus treated sewage from the premises upto the natural drainage system.

Committee decided that the appraisal shall be done when complete and correctly filled Form and information as above is submitted by the proponent.



**3.2 M/s. Ahmed Nagar Forgings Ltd. V.P.O – Dadhi Bhola, Tehsil Nalagarh, Distt Solan H.P for manufacturing of Precision Auto Parts (expansion).**

**CONSULTANT NAME-Apex Enviro Consultant, Baddi (H.P).**

Unit has mentioned in Form I the annual capacity as 12000 Tonnes per annum for manufacturing of Precision Auto Parts. The capacity is less than the threshold capacity of 30,000 TPA and does not in the ambit of EIA, 2006.

SECA recommends that the application may be delisted from the process of Environmental Clearance, in view of the submission made by the applicant which at the risk and cost of the applicant.

**3.3 M/s Himachal Textile Park Ltd. Athmah Road, VPO Amb Tehsil- Amb Distt Una (H.P.) for development of Textile Park .**

**CONSULTANT NAME:- Sima Lab. Pvt. Ltd. C-3/7, Maya Puri Industrial Area, Phase-II, New Delhi- 110064.**

The Project with a overall total Project cost of Rs. 107.5 Crores involves the development of Textile Park for manufacturing of Textile, Technical and accessories with total land requirement of 65 Acres (263045.66 m<sup>2</sup>) with total build up area of 51.45 Acres (208210.76 m<sup>2</sup>) and Area for Green and open spaces is 13.55 Acres (54834.90 m<sup>2</sup>). During Construction and operational phase to meet water requirement the park shall withdraw 1250 KLD water from Ground through Bore Wells. Water requirement for industrial use is 1000 KLD and 250 KLD for domestic use. The capacity of proposed ETP is 1000 KLD and shall be comprising of Physico-chemical treatment, followed by Biological treatment and tertiary treatment (Activated Carbon Filter and Pressure Sand Filter) followed by ultra filtration and RO system. The capacity of proposed STP is 250 KLD and shall be comprising of Physico-chemical treatment biological treatment and tertiary treatment (Pressure Sand Filter and Activated Carbon Filter). The total power requirement of 7000 KW shall be met through HPSEB. About 400 gm/capita/day solid waste and STP sludge shall be generated during operation phase which shall be used in horticulture and green belt development as manure. ETP sludge shall be required to disposed through TSDF .All the hazardous chemical and wastes shall be managed as per the Manufacture, Storage

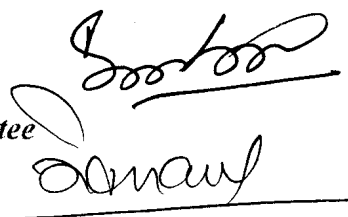
and Import of Hazardous Chemical Rules, 1989, as amended to date for Isolated Storage and Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 as amended from time to time under Environment (Protection) Act, 1986, respectively and authorization from prescribed authority under the relevant Rules shall be obtained. All Municipal Solid Waste shall be collected/ disposed off as per provisions of Municipal Solid Waste (Management & Handling) Rules, 2000 and solid waste generated during construction period will be utilized for filling the low lying areas within the project site. Top soil will be stored and used for landscaping purposes and.

The Project Proponent gave a detailed presentation on the proposed Project before the State Expert Appraisal Committee (SEAC). The proposed Project has been approved by the State Level Single Window Clearance and Monitoring Authority in its 46<sup>th</sup> meeting. SEAC recommends this Unit for consideration of Environmental Clearance as Category 8 construction project with the following special conditions for consideration of the proposal by SEIAA. The specific observations of the SEAC are as under:-

1. No industry of category A or B as per EIA, 2006 shall be permitted in the park unless requisite clearance is obtained by such units.
2. Promoter shall maintain the CETP and STP as proposed by the proponent.
3. Arrangement for hygienic conditions shall be maintained such as temporary toilets, fuel facility to the labour camps during construction phase.
4. The air pollution control devices/ ETP/ STP shall be provided with interlocking with the main electric supply to the unit having independent energy meter respectively.
5. The Project Proponents shall submit returns/ details of recyclable wastes, and other solid wastes which shall be generated from the process to the Authority regularly.
6. Proponent shall submit the energy efficiency sheet and to ensure that the maximum possible use of renewable sources of energy are made and the energy requirement is reduced. The solar lights, CFL, LED lights shall be used to reduce the requirement of the energy and shall apply all possible techniques to reduce the energy consumption.
7. The Project Proponent shall obtain all the requisite approvals/ clearances/ NOCs as may be applicable to the Project from the competent authorities under different Acts/ Rules/ Regulation/ Order etc.



8. The HPSPCB shall conduct regular monitoring of emissions and treated air, water quality of the project.
9. The Proponent shall undertake installation and commissioning of the requisite pollution control devices concurrent with the construction of proposed project and shall submit progress report to the Authority.
10. The Project Proponent shall obtain the No Objection Certificate for ground water use/ installation of tube well from Central Ground Water Authority/ IPH Department and submit a copy of same to the Authority.
11. The unit shall install DG sets with proper exhaust muffler and stack height with DG set and other fugitive emission sources shall be more than 10-15 feet above room level. Norms prescribed for DG Sets in the Environment Protection Rules, 1986 shall be complied with.
12. The Project Proponents shall install Effluent Treatment Plant (ETP) comprising of Physico chemical and biological treatment and tertiary treatment (Activated Carbon filter and Pressure Sand Filter) followed by Ultra filtration and RO system as proposed.
13. The Project Proponents shall install Sewage Treatment Plant (STP) comprising of Physico-chemical treatment and biological treatment and tertiary treatment (Activated Carbon filter and Pressure Sand Filter) for treatment of sewage. Treated Sewage shall be used in horticulture and green belt development as manure as proposed.
14. All the hazardous wastes shall be managed as per the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, as amended to date for Isolated Storage and Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 as amended from time to time under Environment (Protection) Act, 1986 and authorization from prescribed authority under the Rules shall be obtained.
15. All non-hazardous wastes of domestic originated from the hostels, residential areas, offices etc. shall be strictly managed as per the provisions of Municipal Solid Wastes (Management and Handling) Rules, 2000 as amended from time to time.
16. Water sprinkling techniques shall be used during the construction phase to minimize the dust in air.
17. The construction material such as Grit/ Bajri, Sand shall be obtained from authorized dealers/ suppliers only and no illegal mining etc. shall be caused.



18. The Project Proponent shall ensure that there are proper arrangements for management of occupational health and safety in accordance with the law as required for machinery safety, personnel safety and health care, fire & explosion safety and shall have proper on-off site emergency plans in place. The labourers shall be provided with gumboots, aprons, gloves, hamlets etc. desired health safety equipments for their safety during the operational stage of the project.

The State Expert Appraisal Committee (SEAC) considered the Project proposal of M/s. Himachal Textile Park Ltd. Athmah Road, VPO Amb, Tehsil Amb Distt- Una (H.P) for development of Textile Park and recommended the proposal for environmental clearance with above observations.

**3.4 M/s Indo Arya Central Transport ltd. C-15, lane-1, Sector-1, New Shimla (H.P) for setting up of Chanju-I Hydro Electric Project (36 MW) on Chanju Nallah at Tehsil – Churah, Distt- Chamba (H.P) .**

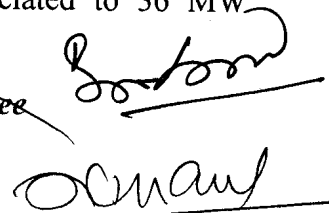
**CONSULTANT NAME :-FRLHT, Bangalore**

The unit had filed application for 30/36 MW HEP as the TEC was under process. The item was listed in 1<sup>st</sup> & 2<sup>nd</sup> meeting of SEAC dated 14<sup>th</sup> & 15<sup>th</sup> July 2008 for establishment of 30/36 MW capacity Chanju-I Hydro electric project at Churah, Distt Chamba (H.P) for which committee had approved TORs for preparation of EIA & EMP for the proposed project. The TORs were also approved by the SEIAA in its 1<sup>st</sup> meeting held on 12/09/2008. It is observed that while conveying the TORs to the proponent on 12/08/2008 and also the minutes of the SEAC & SEIAA, the capacity of the project is mentioned as 30 MW.

The unit has signed Implementation Agreement with Govt. of H.P on 12<sup>th</sup> June 2009 in respect of Chanju-I (36MW) and Techno Economic Clearance (TEC) to Chanju-I HEP (36 MW) has also been accorded by H.P.S.E.B based on Chanju Nallah a tributary of Suil river in Ravi basin of Distt- Chamba (H.P).

The unit has informed through letter No. IACTL/Chanju-I HEP/2010-238 dated 01-06-2010 that TOR has been issued to the unit by Director, Department of Environment and Scientific Technologies dated 12<sup>th</sup> August, 2008 were for 36 MW project and EIA/EMP studies have been done for project component associated to 36 MW installed capacity.

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The unit has informed that draft DPR prepared by H.P.S.E.B envisaged a diversion structure in form of a trench weir with crest elevation at river bed elevation of 1426.5 m which lead the water through a 4900 m long HRT to a fore bay and further to power house with a normal tail water level at elevation 1193.70 mtrs resulting in gross head of 220.56 metres. A design discharge of 16.36 m<sup>3</sup> gave a optimized installed capacity of 30 MW.

The unit has further informed that their consultant improved the project proposal by replacing trench weir with barrage as diversion structure with full supply level of 1440.00 metres mainly due to the reason that for high design discharge beyond 12 m<sup>3</sup>/sec, the trapping efficiency of trench weir go on reducing. The power house normal tail water level kept at 1193.70 metres gives an optimized installed capacity of 36 MW for a design discharge of 16.85 m<sup>3</sup>/sec. The proposed diversion structure as barrage will result in formation of a small pond with 130700 m<sup>3</sup> of live storage covering an area of 1.7 Hectares only.

Committee observed as per presentation made by the proponent that the following major consequences will occur due to increase in capacity from 30 MW to 36 MW:

1. Submergence of an area of 1.7 hectares due to change in diversion structure from trench weir to barrage;
2. Obstruction to migration fish from downstream to upstream;
3. Siltation in the impoundment;
4. Additional 30 trees to be felled;
5. Change in the alignment and sectional area of the water conductor system leading to increase in muck quantity and increase in discharge;
6. Proponent pointed out that the proceedings of the SEAC meeting have not been sent to them. It was apprised that the proceedings of the 2<sup>nd</sup> Meeting of the SEAC held on 15-07-2008 have been hosted on the website of the Department as per standard practice and actions as per recorded proceedings should be addressed to and incorporated in the EIA.

It is further observed from a representation filed on 28/05/2010 by another project proponent by M/s Cosmos Hydro Power located upstream of this project has filed a petition in the High Court against this project and which is pending in Hon'ble High



Court of H.P. The TEC granted by H.P.S.E.B for 36 MW is subject to the outcome of the final orders of Hon'ble High Court in this writ petition.

In view of above facts the Committee also decided to conduct field visit on 22<sup>nd</sup> July, 2010 for onsite assessment and deciding on additional TORs if required. All the deliberations of the SEAC shall be subject to the final outcome of the orders of the Hon'ble High Court in the ongoing petition.

**3.5 M/s. Indo Rama Industries Ltd. Village-Lodhi Majra, Tehsil- Nalagarh, Distt-Solan (H.P) for manufacturing of Spandex yarns.**

**CONSULTANT NAME:- CPTL EVIROTECH, H.O No. 2093, Sector-15C, Chandigarh. 160015.**

The Project with a total Project cost of 40000.00 Lakhs involves manufacturing of Spandex Yarns with production capacity of 5000 TPA. The unit is using hazardous chemical Di-phenyl Methane Di-Isocynate (MDI) and expected storage at a time is as per information given by the unit is as under:-

Production/month:- 417 Tons

Chemical used:- 74 Tons

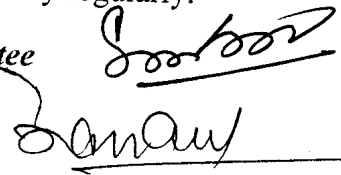
Maximum quantity in pipelines & storage:- 100 Tons

Total land requirement for the proposed project is 25 Acres. During Construction and operational phase to meet water requirement the unit shall withdraw 500 KLD water from Ground through Tube Wells. Water requirement for process use is 90 KLD and 20 KLD for domestic use and 390 KLD shall be make up water for cooling purpose. The capacity of proposed ETP is 90 KLD and shall be comprising of Physico-chemical treatment followed by Biological treatment and tertiary treatment (Activated Carbon Filter and Pressure Sand Filter) followed by RO system. The capacity of proposed STP is 20 KLD and shall be comprising of Physico-chemical treatment biological treatment (SAFF Reactor) and tertiary treatment (Dual Media Filter). The total power requirement of 3500 KW shall be met through HPSEB. Two D.G. sets of capacity of 2600 KVA each shall be there as stand by to meet the power requirement of Electricity Breakdown out of which the SEAC recommends only one DG Set of total generation of 2600 KVA. About 400 gm/capita day solid waste and STP sludge about 2 kg/day shall be generated during operation phase which shall be used as

manure for plantation within the premises. About 200 kg of solid waste produced from manufacturing process and ETP sludge about 5 kg/day and CFL tubes about 50 Nos shall be stored in impervious pit and finally it will be sent to TSDF site for disposal as proposed. Used oil from D.G sets about 5000 litres/annum shall be sold to authorized recyclers as proposed. The unit has proposed Steam Boiler of capacity 4 TPH based on Furnace Oil (15 KL/day), Coal (45 tons/day) and Rice husk (55 tons/day) for which unit shall provide APCDs Bag Filter, Wet scrubber and Cyclone. Ash generated from Boiler shall be disposed to the TSDF or other designated facility. All the hazardous chemical & wastes shall be managed as per the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, as amended to date for Isolated Storage and Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 as amended from time to time under Environment (Protection) Act, 1986 and authorization from prescribed authority under the Rules shall be obtained. All Solid waste collected/ disposed off as per provisions of Municipal Solid Waste (Management & Handling) Rules, 2000 and solid waste generated during construction period will be utilized for filling the low lying areas within the project site. Top soil will be stored and used for landscaping purposes and plantation.

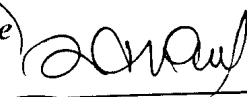
The Project Proponent gave a detailed presentation on the proposed Project before the State Expert Appraisal Committee (SEAC). SEAC recommends this Unit for consideration of Environmental Clearance as 5 (d) and 6 (b) Category project with the following special conditions for consideration of the proposal by SEIAA. The specific observations of the SEAC are as under:-

1. The Project Proponent shall submit the copy of No Objection Certificate of Gram Panchayat Concerned to the Authority.
2. Proponent shall consider provision of accommodation to 25% of the labour employed.
3. The project Proponent shall submit the Water balance sheet, Carbon balance sheet and Energy balance sheet to the authority before issue of Environmental Clearance.
4. The air pollution control devices/ ETP/ STP shall be provided with interlocking with the main electric supply to the unit having independent energy meter respectively.
5. The Project Proponents shall submit returns/ details of recyclable wastes, and other solid wastes which shall be generated from the process to the Authority regularly.



6. Proponent shall provide closed loop solvent recovery system under vacuum.
7. The HPSPCB shall conduct regular monitoring of emissions and treated air, water quality of the project.
8. The Proponent shall undertake installation and commissioning of the requisite pollution control devices concurrent with the construction of proposed project and shall submit progress report to the Authority.
9. The Project Proponent shall obtain the No Objection Certificate for ground water use/ installation of tube well from Central Ground Water Authority/ IPH Department and submit a copy of same to the Authority.
10. The costs of Rs. 114.5 lakhs shall be spent as EMP as proposed.
11. The unit shall install DG set shall be provided with proper exhaust muffler and stack height with DG set and other fugitive emission sources shall be more than 10-15 feet above room level. Norms prescribed for DG Sets in the Environment Protection Rules, 1986 shall be complied with.
12. The Project Proponents shall install Effluent Treatment Plant (ETP) of capacity 90 KLD comprised of Physico-chemical treatment and biological treatment and tertiary treatment (Activated Carbon filter and Pressure Sand Filter) followed by RO system as proposed.
13. The Project Proponents shall install Sewage Treatment Plant (STP) of 20 KLD and shall be comprised of Physico-chemical treatment biological treatment (SAFF Reactor) and tertiary treatment (Dual Media Filter) for treatment of sewage. Treated Sewage shall be used in horticulture and green belt development as manure as proposed.
14. The Project Proponent has proposed to install Pulse jet Bag house, Cyclone and Wet scrubber over Boiler of latest Technology and shall manage the APCD's in the prescribed norms and the same shall be of adequate capacities to control the removal of fumes from fugitive emissions.
15. All the hazardous wastes shall be managed as per the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, as amended to date for Isolated Storage and Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 as amended from time to time under Environment (Protection) Act, 1986 and authorization from prescribed authority under the Rules shall be obtained.





16. Onsite and offsite Emergency Plans shall be prepared for storage & handling of chemicals by the proponent under the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, as amended to date.
17. All non-hazardous wastes of domestic originated from the hostels, residential areas, offices etc. shall be strictly managed as per the provisions of Municipal Solid Wastes (Management and Handling) Rules, 2000 as amended from time to time.
18. The unit shall undertake Public liability insurance and shall identify accidents due to fire/spillage and provide adequate measures to deal with such accidents.
19. The Project Proponent shall ensure that there are proper arrangements for management of occupational health and safety in accordance with the law as required for machinery safety, personnel safety and health care, fire & explosion safety and shall have proper onsite and offsite emergency plans in place. The labourers shall be provided with gumboots, aprons, gloves, hamlets etc. desired health safety equipments for their safety during the operational stage of the project.

The State Expert Appraisal Committee (SEAC) considered the Project proposal of M/s. Indo Rama Industries Ltd, Village- Lodhi Majra, Tehsil- Nalagarh, Distt- Solan (H.P) for manufacturing of Spandex yarns and recommended the proposal for environmental clearance with above observations.

Meeting ended with vote of Thanks to and from the Chair.



**Chairman,**  
Himachal Pradesh State Expert Appraisal Committee.

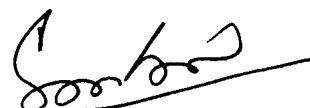
**Endst. No. SEAC Ninth (9<sup>th</sup>) Meeting/2010-**

**Dated June, 2010**

Copy Endst. to following for information and further necessary action please:-

1. The Member Secretary, State Level Environment Impact Assessment Authority, Himachal Pradesh, Shimla-2.
2. Case files of all projects, Guard file.

**Note:-** These minutes are being posted on the official website of Authority in Department of Environment, Science & Technology and all concerned shall down load these minutes for taking necessary actions relevant to their Project for further necessary action.



**(D. K. Sharma)**

**Secretary**

Himachal Pradesh State Expert Appraisal Committee.