



भारतीय राजमार्ग अभियन्ता अकादमी
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)
Indian Academy of Highway Engineers
(Ministry of Road Transport and Highways, Govt. of India)

Public Private Partnership (PPP) for Highway Projects

Time Period	Description of Topic
1st Day	
09:45-13:00	Objectives and Fundamentals of PPP Projects <ul style="list-style-type: none"> ❖ Need for PPP Projects ❖ Basic Concepts of PPP Projects ❖ Policies and Legal/Regulatory Framework for PPP Projects ❖ Appraisal & Approval Procedure of PPP Projects on National Highways
14:00-17:15	Financing of PPP projects <ul style="list-style-type: none"> ❖ Financial Assessment of PPP Projects ❖ Revenue Forecast ❖ Financial Viability (Financial Internal Rate of Return) ❖ Bankable Project ❖ Debt Equity Ratio ❖ Return on Equity ❖ Debt Service Cover Ratio ❖ Cost Recovery ❖ Viability Gap Funding ❖ Quantitative Risk Analysis
2nd Day	
09:45-13:00	Procurement of Concessionaire for BOT (Toll), Bot (Annuity) & HAM Projects <ul style="list-style-type: none"> ❖ Procurement Principles ❖ Public Procurement policy of India ❖ Preparation of Bid Document including Schedules ❖ Notice Inviting Bid ❖ Instructions to Bidders ❖ Eligibility & Qualification Criteria ❖ Bid Security ❖ Preparation & Submission of Bid ❖ Bid Evaluation ❖ Award of Concession ❖ Incorporation of SPV as Concessionaire ❖ Signing of Agreement.
14:00-17:15	Model Concession Agreement for BoT (Toll) Projects <ul style="list-style-type: none"> ❖ Relationship with Manual of Specification & Standards for 2/4/6 laning of Highways ❖ Filling up of brackets and asterisks in model document ❖ Provisions in Articles and Schedules
3rd Day	
09:45-13:00	Model Concession Agreement for BoT (Toll) Projects contd..
14:00-17:15	Model Concession Agreement for HAM Projects <ul style="list-style-type: none"> ❖ Relationship with Manual of Specification & Standards for 2/4/6 laning of Highways ❖ Filling up of brackets and asterisks in model document

Please note: All correspondence should be addressed to the Director by designation only

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	❖ Provisions in Articles and Schedules
4th Day	
09:45-13:00	Model Concession Agreement for HAM Projects contd...
14:00-17:15	Framework of the Model Concession Agreement for Operation, Maintenance & Tolling (OMT) and TOT
5th Day	
09:45-11:15	Procurement of Independent Engineer for PPP Projects <ul style="list-style-type: none"> ❖ Terms of Reference ❖ Infracon ❖ Instructions to Bidders ❖ Bid Security ❖ Preparation & Submission of Bid ❖ Bid Evaluation ❖ QCBS method of selection ❖ Award of Contract ❖ Performance Security ❖ Signing of Agreement
11:30-13:00 & 14:00-15:30	Contract Administration, Dispute Resolution including Case Studies <ul style="list-style-type: none"> ❖ Role of Authority, Concessionaire & Independent Engineer ❖ Efficient Methods of Contract Administration <ul style="list-style-type: none"> • Clarity of Obligations & Rights • Decision in time • Management Meetings ❖ General Disputes in PPP Contracts ❖ Drafting of Correspondence relating to Contract ❖ Measures to prevent Disputes ❖ Step by Step Procedure for Dispute Resolution ❖ Sample Case Studies
15:45-17:15	Presentation by Participants in Groups
17:15-17:30	Concluding and Distribution of Certificates
11:15-11:30- Tea 13:00-14:00 lunch 15:30-15:45 Tea	