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NATIONAL TRANSPORT RESEARCH CENTRE

07366

REPORT ON  
SIXTH PLANNING COMMISSION COURSE  
ON  
TRANSPORTATION PROJECTS PLANNING  
( OCTOBER - NOVEMBER, 1984 )

NTRC-88

MR. M. SADIQ SWATI  
COURSE DIRECTOR

MR. MASOUD BAKHT  
COURSE ORGANIZER

DECEMBER, 1984

C O N T E N T S

<u>S.No.</u>		<u>Page No.</u>
1.	Background and Introduction	1
2.	Nominations	2
3.	Course Description of Nature	2
4.	Course Schedule	3
5.	Selection	4
6.	Participants	4
7.	Venue	4
8.	Timings	5
9.	Speakers	5
10.	Course Material	6
11.	Social Functions	6
12.	Field Visits	7
13.	Course Evaluation	8
14.	Graduation Ceremony	8
15.	Documentation	8
16.	Budget	8
17.	List of Fellows	8
18.	Acknowledgement	9

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## A N N E X U R E S

<u>S.No.</u>		<u>Page No.</u>
i)	Course Announcement, Nomination and Application Forms.	10
ii)	List of Agencies	16
iii)	List of Nominated Candidates	25
iv)	Course Schedule/Programme	27
v)	List of Selected Candidates	28
vi)	List of Speakers	31
vii)	Course Material Distribution among the participants.	36
viii)	Details of Social Functions	41
ix)	Details of Field Visits.	43
x)	Specimen forms used for "Course Evaluation".	46
xi)	Details of Expenditure	56
xii)	List of Fellows	58

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1. BACKGROUND AND INTRODUCTION:

Experience, in both the developed and developing countries has shown that transport plays a major role in economic uplift and development. In many cases, inadequacy of transport can directly be linked to lack of proper planning. This especially true for developing countries of the third world.

Recognizing the deficiencies in the project planning capabilities in the country in the field of transport, a series of four Transport Projects Planning Courses was organized by the Planning Commission in the country with the assistance of Economic Development Institute of World Bank from 1976 to 1979. These courses had a very positive effect on the quality of project preparation and appraisal.

Due to some unavoidable circumstances, the courses could not be continued after 1979. In 1983, after a lapse of 4 years, it was decided to reactivate this programme. However, by that time Economic Development Institute was no longer able to extend any material help, therefore the Fifth and Sixth Course was organized entirely with own resources.

The Sixth Course was held from 7th October, 1984 to 15th November, 1984. The course was formally inaugurated by the Minister for Planning and Development on 7th October, 1984. In his address, he dwelt on the deficiencies in the

Transport Sector. Planning and lamented the fact that not only cost over-ran many times the original estimate take place without any change in the scope of work, but also projects took much longer to complete than anticipated. He cautioned that to provide a dependable and adequate transportation system, increase in allocation was not enough. The most important element in this process was the proper identification, selection, planning, design and implementation of individual projects and urged the planners to adopt modern project planning techniques.

2. NOMINATIONS:

The Course announcement, nomination/application forms (Annex-I) were sent to over hundred departments/agencies/concerned persons as per list given in Annex-II. Agencies were asked to nominate their candidate only if they were fully qualified both by past training and experience and by the relevance of their work. Announcement/application forms were sent to the agencies on 12th July, 1984. The closing date for nomination was 31st August, 1984. By this date 30 nominations from 16 different agencies were received as per details given in Annex-III.

3. COURSE DESCRIPTION AND NATURE:

The main objective of the course was to assist the various agencies concerned with transport to improve the

quality of planning and operations of the various transport modes so that such sector would make a substantial contribution to the achievements of national development goals.

The course was designed for officers who held important posts in fields related to transportation. The participants of the course were supposed to make important decisions in their respective fields. To make extensive use of the course the Centre was to choose such topics that could uplift the general standard of planning, design, construction and maintenance of transport projects. This objective was met by selecting the topics that covered all modes of transport. However, the concentration was on road projects.

The course introduced the participants to the technique of Cost-Benefit Analysis through various work exercise and practical case studies pertaining to investments in roads, road transport, railways, inland water-ways, ports, shipping and civil institutional and management aspects of transport planning and project execution economic and financial analysis for non-specialists; and technological trend in transport, etc.

#### 4. COURSE SCHEDULE:

The course schedule was called for four weeks and three days of lectures followed by 9 days of field visit to Lahore and Karachi. A copy of the course schedule may

be seen in Annex-IV.

5. SELECTION:

The Selection Committee comprising of National Transport Research Centre officers Mr. M. Sadiq Swati, Chief/Course Director and Mr. Abdul Majeed, Deputy Chief, selected 29 candidates out of which 27 reported for the course. A list of the participants can be seen at Annex-III.

6. PARTICIPANTS:

All the participant who attended the course hold responsible positions in their respective departments such as Karachi Transport Corporation, Pakistan Urban Transport Corporation, Pakistan International Airlines, Pakistan National Shipping Corporation, National Logistic Cell, Supply and Transport Directorate of GHQ, Port Qasim Authority, Karachi Port Trust, NESPAK, Punjab Highway Department, Civil Aviation Authority and Railway Board. The participants were engineers, planners and economists in the 30-45 age range. Majority belonged to the age group 30-35 years. The list may be seen at Annex-V.

7. VENUE:

As there was acute shortage of accommodation with NTRC and class-room/lecture hall facilities were not available with the Centre so, Pakistan Manpower Institute (PMI) were

requested to make available lecture hall and associated facilities.

Hence the Course was held at the lecture hall of the Pakistan Manpower Institute, Shahrah-e-Soharwardi, Islamabad where all necessary facilities were available. Acknowledgement is due to Pakistan Manpower Institute for their cooperation and support for the course.

8. TIMINGS:

The Course had three lecture sessions of two hours each in all working days. The first lecture started at 0830 hours to 1030 hours. There was a tea break from 1030 to 1100 hours. The second session lasted from 1100 hours to 1300 hours followed by the lunch break of 1½ hours. The third and last session started at 1430 hours to 1630 hours.

9. SPEAKERS:

The course consisted of 67 lectures related to various topics of transportation projects e.g. on roads, road transport, ports, aviation etc. These 67 lectures had been delivered by 35 Speakers. NTRC have always been very careful about the persons who deliver lectures in these courses. The Centre tries its best to approach the most qualified and suitable person for every lecture. As usual, this time NTRC requested 35 able and recognized speakers who were masters and authorized over the subjects. All the



speakers were very senior and had a vast experience in their respective fields. Most of them were heads of their departments. Out of these 35 speakers, four were foreigners. In view of their expert knowledge on some particular subjects, they were invited to deliver lecture to the participants of the Course. A complete statement of the speakers showing their topics against their names can be seen at Annex-VI.

10. COURSE MATERIAL:

The course material was entirely provided by the National Transport Research Centre. In this context the various studies carried out by the National Transport Research Centre proved specifically to be of significant help in the identification and better understanding of the problems. A list of NTRC's publication was kept in the lecture hall during the course. Many publication were distributed among the participants in this way. A list of the material prepared and distributed among the course participants may be seen at Annex-VII.

11. SOCIAL FUNCTIONS:

A number of social functions were arranged for the participants of the course. The purpose behind such functions was to provide some recreation to the participants and make them <sup>to</sup> come close to each other. These functions helped them in getting an opportunity to discuss the current topics related to the course. The functions, of course, proved to be

helpful in achieving the objectives of the course. The details of social functions may be seen at Annex-VIII.

12. FIELD VISITS:

This Centre had been organizing some field visits at the end of each course. In the previous course NTRC had arranged for one week field visits but the participants of that course had suggested a period of more than one week for field visits. Therefore, in the light of past experience/ a number of field visits were arranged in order to acquaint the participants.

- (i) with the working of the various types of organization relating to transportation
- (ii) given them a chance to come in contact with those persons who are at the help of affairs in such organizations so that they are in a position to enter into a frank discussion and familiarize themselves with the type of situation and problems that have to be encountered at these levels
- (iii) in the development of real insight into the actual working of these Department.

Such get together programmes greatly help in the development of congenial atmosphere which is extremely essential to achieve better coordination, specially in the overall planning system. A list of field visits may be seen at Annex-IX.

13. COURSE EVALUATION:

Regular evaluation on weekly basis in respect of every lecture was carried out to keep abreast with the shortcomings which could be rectified immediately. A set of specimen forms used for this purpose may be seen at Annex-X.

14. GRADUATION CEREMONY:

The Course concluded at Karachi on 15th November, 1984. Mr. Aftab Alam, General Manager, Karachi Port Trust, awarded the certificates.

15. DOCUMENTATION:

A complete set of the course material that was used for the course and distributed among the course participants has been properly documented and placed in the National Transport Research Centre Library for future reference.

16. BUDGET:

The details of the expenditure on the course amount to Rs. 80,331.41 may be seen in Annex-XI.

17. LIST OF FELLOWS:

Including the sixth course, 153 candidates have been trained in Transportation Projects Planning so far. The list can be seen at Annex-XII.

18. ACKNOWLEDGEMENT:

National Transport Research Centre, Planning and Development Division would like to place on record the cooperation extended to it by the various agencies notably Pakistan Railway Board, Punjab Urban Transport Corporation, Pakistan National Shipping Corporation, Pakistan International Airlines Corporation, Pakistan Auto Mobile Corporation, Karachi Shipyard Engineering Works, Karachi Transport Corporation, Karachi Traffic Engineering Bureau, Port Qasim Authority and Karachi Port Trust. It owes special thanks to the Punjab Urban Transport Corporation which provided the facility of free Transport Service to the Course participants during their field visit to Lahore from 7th to 8th November, 1984.

GOVERNMENT OF PAKISTAN  
PLANNING COMMISSION  
NATIONAL TRANSPORT RESEARCH CENTRE

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Telephone: Islamabad 826282  
Ref. No: NTRC-15(26)/84.

Cable: PLANCOM  
ISLAMABAD

ANNOUNCEMENT OF

SIXTH PLANNING COMMISSION COURSE ON TRANSPORTATION PROJECT PLANNING

( Closing Date of Nominations: 31st August, 1984 )

The Sixth Planning Commission Course on Transportation Project Planning will be held at Islamabad from 7th October to 15th November, 1984. Federal and Provincial Government Departments and Semi-autonomous bodies and private consulting engineering firms which are actively associated in planning, design, construction and maintenance of transport facilities are invited to participate in the course.

COURSE OBJECTIVES:

The objective of the course is to assist the various agencies concerned with transport to improve the quality of planning and operations of the various transport modes so that each sector will make a substantial contribution to the achievement of national development goals. In general terms, this objective will be served by improving the analytical and technical skills of the participants in project preparation, appraisal and implementation.

COURSE DESCRIPTION:

The course introduces participants to the technique of cost-benefit analysis through various work exercises and practical case studies pertaining to investments in roads, railways, inland water-ways, ports, shipping and civil aviation. Other topics to be covered include the institutional and management aspects of transport planning and project execution economic and financial analysis for non-specialists; and technological trends in transport, etc.

COURSE APPROACH:

Extensive use is made of case studies, work exercises and discussion workshops to supplement lectures by Planning Commission and other guest speakers. Participants are expected to take an active part in the course by membership on case study teams and by leading discussions. Extensive field visits are also arranged during the course so that the participants may have an actual feel of the real world situation.

REQUIREMENTS OF PARTICIPATION:

This course is designed for officials who hold responsible positions in fields related to transportation. They may have worked as economists, engineers or planners in Ministries of Planning, Finance, Transport and Public Works or in Operating agencies responsible for highways, railways, ports and other transport modes. In evaluating the nominations, the Admissions Committee will take into account the personal qualifications and experience of the applicants and the likelihood of their continued-working on problems related to the planning of transport and/or coordination of transport operations in the future.

The number of participants that can be accommodated in the course is limited to 25. It is expected that the Admissions Committee will have to make their selection from a considerably greater number of applicants. Therefore, candidates should be nominated only if they are fully qualified both by past training and experience and by the relevance of their present work. Participants are normally in the 30-45 years age range.

NOMINATION AND SELECTION OF CANDIDATES:

Nomination and Application for Admission forms accompany this announcement. One copy of this form may kindly be completed and signed by the candidate and the section titled "Nomination of Candidate" on the first page of the form may kindly be completed by an appropriate official of the agency making nomination. Each agency can nominate upto two candidates.

Completed forms may be returned to the CHIEF, National Transport Research Centre (NTRC), Planning Commission, Government of Pakistan, 36-Nazimuddin Road, F-7/1, Islamabad by 31st August, 1984.

The Admission Committee will complete the selection of participants by 10th September, 1984 and nominating agencies will be notified of results as promptly as possible thereafter.

ADMINISTRATIVE AND FINANCIAL ARRANGEMENTS:

In making a nomination it is understood that the Sponsoring Agency agrees that the candidate will be treated on duty with his regular pay, travelling/daily allowances and total charges for the duration of the course; that participants will not be given assignments during the course which would prevent them from devoting their full time and attention to it; and that the candidate will be placed in his former position or in one of equal or greater responsibility on completion of the course. The candidate shall be paid in advance the entire amount of Travelling/ Daily Allowance and Hotel Charges to enable him to make necessary arrangements for boarding and lodging. Planning Commission would be glad to help arrange the accommodation for the participants on individual basis if so desired. Planning Commission can also provide housing subsidy to few deserving cases i.e. junior officials whose daily hotel allowance is not sufficient to meet the expenses at Islamabad Hotels/Motels.

Encl: As above (2 copies)  
12th July, 1984.

Sd/-  
( ABDUL MAJEED )  
DEPUTY CHIEF  
for Course Director

To

As per address on the envelope

GOVERNMENT OF PAKISTAN  
PLANNING COMMISSION  
NATIONAL TRANSPORT RESEARCH CENTRE

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NOMINATION AND APPLICATION FOR ADMISSION

Course on Transportation Project Planning  
1984  
September-November

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OFFICIAL NOMINATION OF CANDIDATE

(This page to be completed by nominating agency  
after remainder of the application form has  
been filled out and signed by candidate)

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(Name of Candidate)

is hereby nominated for the 1984 Course on  
Transportation Projects Planning

If the candidate is accepted for this course, the nominating  
official agreed to fulfil the following conditions set-forth  
in the Announcement of this Course:

1. The Candidate will be treated on duty for the duration of  
the course and paid regular salary, travelling/daily allowance  
and hotel charges.
2. He will be given no other duties or assignments in this  
period which would prevent the devotion of his full time and  
attention to the course.

---

Name of Official authorised to  
sign this nomination for agency  
(Please print or type)

---

Name and Address of agency  
nominating this candidate

---

Title of nominating official

---

Signature of nominating official

After completion, one copy of this form should be returned before  
the official closing date (viz 31st August, 1984) to:

CHIEF (NTRC), PLANNING COMMISSION,  
GOVERNMENT OF PAKISTAN, 36-NAZIMUDDIN ROAD,  
F-7/1, ISLAMABAD (Tele: 826282/829936 or 829903)



To be completed by applicant; PLEASE TYPEWRITE IN ENGLISH

Full name Miss.

(Attach in this space a photograph taken within the past year)

The one name used when Mrs. you are addressed as Mr.

Address to which correspondence with you regarding this application should be sent.

Office Telephone.....

Citizenship

Date of Birth

Title of your present position

Date promoted to present post

Name of agency, department or institution

Name of title of supervisor

Summarize your duties and responsibilities using only this space

Previous Position:

Name of agency, department or institution	Title of Position	Dates employed(month & Year)	
		From	To

Name of Applicant.....

EDUCATION

Universities, technical or special schools (Do not list schools below University level)

Name of School, Place & Country	Type of School	From (year)	To (year)	Degrees & academic distinctions

Others training programmes abroad (give dates, locations and subjects covered)

Additional experience, membership on commissions or committees, publication, travel foreign assignments, participation in special projects, international conferences, etc.

Please provide a statement explaining why you are applying for this Course, in what way it relates to your work, what you hope to derive from it and how you expect your training to benefit your agency.

LIST OF AGENCIES

1. The Secretary,  
Ministry of Communications,  
Government of Pakistan,  
Islamabad.
2. The Secretary,  
Communication & Works Department,  
Government of the Punjab,  
Lahore.
3. The Secretary,  
Communication & Works Department,  
Government of NWFP,  
Peshawar.
4. The Secretary,  
Communication & Works Department,  
Government of Sind,  
Karachi.
5. The Secretary,  
Communication & Works Department,  
Government of Baluchistan,  
Quetta.
6. The Director General,  
Pakistan Public Works Department,  
Government of Pakistan,  
Islamabad.
7. The Secretary,  
Public Works Department,  
Govt. of Azad Jammu & Kashmir,  
Muzaffarabad.
8. The Chief Engineer,  
Buildings & Road Department,  
Government of NWFP,  
Peshawar.
9. The Chief Engineer (Development),  
Building & Roads Department,  
Government of NWFP,  
Peshawar.
10. The Chief Engineer,  
Central Design Office,  
B&R Department, 10-Shami Road,  
Peshawar Cantt.

11. The Chief Engineer,  
Highway Department,  
Government of the Punjab,  
Lahore.
12. The Chief Engineer,  
Highway Department,  
Government of Sind,  
Karachi.
13. The Director General,  
National Highways Board,  
Islamabad.
14. The Secretary,  
Ministry of Railways,  
Islamabad.
15. The General Manager,  
Railway Board,  
Lahore.
16. The Deputy Director General,  
Frontier Works Organization,  
Rawalpindi.
17. The Engineer-in-Chief,  
General Headquarter,  
Rawalpindi.
18. The Director of Supplies & Transport,  
Army Service Corporation,  
General Headquarter, QMGs Branch, (S&T Dte),  
Rawalpindi.
19. The Secretary,  
Ministry of Defence,  
Aviation Division,  
Rawalpindi.
20. The Chairman,  
Pakistan International Airlines Corporation,  
Civil Airport, Karachi.
21. The Director General,  
Civil Aviation Authority,  
19-Liaquat Barracks,  
Headquarters Napier Barracks,  
Near Taj Mahal Hotel,  
Karachi-4
22. The Managing Director,  
Airport Development Agency,  
G-6, KDA., Scheme No. 1,  
Near Karsak, Karachi-8.

23. The Chairman,  
Karachi Port Trust,  
Adamjee Dinshaw Road,  
Karachi.
24. The Chairman,  
Port Muhammad Bin Qasim Authority,  
P.O. Box Port Qasim,  
Karachi-48.
25. The Chairman,  
Pakistan National Shipping Corporation,  
PNSC - Building,  
Karachi.
26. The Chairman,  
Pakistan Automobile Corporation,  
6th Floor, PNSC-Building,  
Moulvi Tamizuddin Khan Road,  
Karachi.
27. The Chairman,  
Development Authority,  
KDA-Building,  
Shahrah-e-Kamal Attaturk,  
Karachi.
28. The Chairman,  
Development Authority,  
Lahore.
29. The Chairman,  
Development Authority,  
Peshawar.
30. The Chairman,  
Quetta Development Authority,  
Quetta.
31. The Chairman,  
Baluchistan Development Authority,  
Civil Secretariat,  
Quetta.
32. The Chairman,  
Kohistan Development Authority,
33. The Chairman,  
Development Authority,  
Tribal Area, Peshawar.
34. The Director General,  
Development Authority,  
Lahore.

35. The Director General,  
Development Authority,  
Multan.
36. The Director General,  
Development Authority,  
Faisalabad.
37. The Director General,  
Development Authority,  
Hyderabad.
38. The Director General,  
Development Authority,  
Quetta.
39. The Member (Technical),  
Capital Development Authority,  
Islamabad.
40. The Secretary,  
Hyderabad Development Authority, 38-A, G.O.R. Colony  
Hyderabad.
41. The Administrator,  
Municipal Corporations,  
Rawalpindi.
42. The Administrator,  
Municipal Corporations,  
Lahore.
43. The Administrator,  
Municipal Corporations,  
Faisalabad.
44. The Administrator,  
Municipal Corporations,  
Karachi.
45. The Administrator,  
Municipal Corporations,  
Peshawar.
46. The Secretary,  
Local Govt. & Rural Development,  
Government of the Punjab,  
Lahore.
47. The Secretary,  
Local Govt. & Rural Development,  
Government of Sind,  
Karachi.

48. The Secretary,  
Local Govt. & Rural Development,  
Government of NWFP, Peshawar.
49. The Secretary,  
Local Govt. & Rural Development,  
Government of Baluchistan,  
Quetta.
50. The Secretary,  
Local Govt. & Rural Development,  
Govt. of Azad Jammu & Kashmir,  
Muzaffarabad.
51. The Senior Chief,  
Transport & Communication Section,  
Planning & Development Division,  
Islamabad.
52. The Chief,  
Project Appraisal Section,  
Planning & Development Division,  
Islamabad.
53. The Chairman,  
Planning and Development Board,  
Government of the Punjab,  
Lahore.
54. The Additional Chief Secretary,  
Planning and Development Department,  
Government of Sind, Karachi.
55. The Additional Chief Secretary,  
Planning and Development Department,  
Government of NWFP, Peshawar.
56. The Additional Chief Secretary,  
Planning and Development Department,  
Government of Baluchistan,  
Quetta.
57. The Development Commissioner,  
Planning and Development Department,  
Govt. of Azad Jammu and Kashmir,  
Muzaffarabad.
58. The Secretary (Transport),  
Government of the Punjab, Lahore.
59. The Secretary (Transport),  
Government of Sind, Karachi.
60. The Secretary (Transport),  
Government of NWFP, Peshawar.

61. The Secretary (Transport),  
Government of Baluchistan,  
Quetta.
62. The Managing Director,  
Punjab Urban Transport Corporation,  
Opp. Liberty Market, Gulberg-III,  
Lahore.
63. The Managing Director,  
Karachi Transport Corporation,  
Karachi-8.
64. The Managing Director,  
Punjab Road Transport Board,  
Lahore.
65. The Chairman,  
Sind Road Transport Corporation,  
Thandi Sarak, Hyderabad.
66. The General Manager,  
Government Transport Service,  
Government of NWFP,  
Peshawar.
67. The Secretary,  
Provincial Transport Authorities,  
Government of the Punjab,  
Lahore.
68. The Secretary,  
Provincial Transport Authorities,  
Government of Sind,  
Karachi.
69. The Secretary,  
Provincial Transport Authorities,  
Government of NWFP,  
Peshawar.
70. The Secretary,  
Provincial Transport Authorities,  
Government of Baluchistan,  
Quetta.
71. The Secretary,  
Regional Transport Authority,  
Rawalpindi.
72. The Inspector General of Police,  
Government of the Punjab,  
Lahore.



73. The Inspector General of Police,  
Government of Sind,  
Karachi.
74. The Inspector General of Police,  
Government of NWFP,  
Peshawar.
75. The Inspector General of Police,  
Government of Baluchistan.  
Quetta.
76. The Inspector General of Police,  
Govt. of Azad Jammu & Kashmir,  
Muzaffarabad.
77. The Commissioner,  
Rawalpindi.
78. The Commissioner,  
Lahore.
79. The Commissioner,  
Multan.
80. The Commissioner,  
Bahawalpur.
81. The Commissioner,  
Sargodha.
82. The Commissioner,  
Karachi.
83. The Commissioner,  
Hyderabad.
84. The Commissioner,  
Sukkur.
85. The Commissioner,  
Peshawar.
86. The Commissioner,  
D. I. Khan.
87. The Commissioner,  
Abbottabad.
88. The Commissioner,  
Malakand.
89. The Commissioner,  
Quetta.

Annex-II (Contd)

90. The Commissioner,  
Kalat.
91. The Commissioner,  
Sibi.
92. The Commissioner,  
Makran.
93. The Commissioner,  
Gilgit.
94. The Vice Chancellor,  
University of Engineering & Technology,  
Peshawar.
95. The Vice Chancellor,  
N.E.D. University of Engg: & Technology,  
Karachi.
96. The Professor of Civil Engineering,  
University of Engineering & Technology,  
Lahore.
97. The Director,  
Pakistan Institute of Development Economics,  
P.O. Box No. 1091,  
Islamabad.
98. The Director,  
Applied Economics Research Centre,  
University of Karachi,  
Karachi.
99. The Deputy Director General,  
Statistics Division,  
I.S.M.C.H. Society,  
Karachi.
100. M/S Noon Qayyum & Company,  
Consulting Engineer & Architects,  
I-Nursery Lane, Lawrence Road,  
Lahore.
101. M/S Republic Engineering Corporation Ltd.,  
76/E.I., Gulberg-III,  
Lahore.
102. The Managing Director,  
NESPAK Ltd.,  
417-WAPDA House,  
Shahrah-e-Quaid-i-Azam,  
Lahore.

Annex-II (Contd)

103. Mr. Shah Alam Khan,  
Economic Analyst,  
Tourism Division,  
Commercial Area F-7/2,  
Islamabad.
104. Begum Viqar-Un-Nisa Noon,  
Chairman,  
Pakistan Tourism Development Corporation,  
2-St, 61, F-7/4,  
Islamabad.
105. Mr. Amanullah,  
District Manager,  
P.U.T.C.,  
Rawalpindi.

LIST OF NOMINATED CANDIDATES

S.No.	Name	Designation	Department
1.	Mr. Abdul Sattar	Research Officer	Project Appraisal and Evaluation Section, Planning Commission.
2.	Mr. Abdul Razzaque Bughio	Executive Engineer	Port Qasim Authority
3.	Mr. Muhammad Younas	Assistant Director	Lahore Development Authority.
4.	Mr. Zafar Iqbal	Manager Operations	Northern Areas Transport Company.
5.	Mr. Fayyaz A. Laghari	A.S.P. (Traffic)	Police Department, Karachi.
6.	Mr. Muhammad Ishaq	Inspector	Police Department, Lahore
7.	Mr. Abdul Rehman	Associate Professor	Engineering University Lahore.
8.	Mr. Zafar Ahmad	Deputy Manager	Civil Aviation Authority
9.	Mr. Maqsood H. Shah	Deputy Manager	Civil Aviation Authority
10.	Mr. M. Iqbal	Assistant Manager	Civil Aviation Authority
11.	Mr. Mohammad Nayeem	Traffic Manager	Karachi Transport Corp.
12.	Mr. S. Tanveer A. Jafri	Director Finance	Punjab Urban Transport Corporation.
13.	Mr. S. Shamim Ahmad	Manager Finance	Karachi Port Trust
14.	Mr. Fazal Illahi	Economist	Planning & Design Dte., Punjab Highway Deptt: Lahore.
15.	Mr. Jamil Ahmad Khan	Asstt. Manager (Passenger Forecast)	Corporate Planning Department, PIAC, Karachi.
16.	Mr. Junaid Sophie	Asstt. Manager (Financial Analysis)	PIAC Karachi.

Annex-III (Contd)

S.NO.	N a m e	Designation	Department
17.	Mr. Riaz Ahmad Qazi	Senior Civil Engineer	Highway Division, NESPAK.
18.	Mr. Tariq Javed Babary.	Senior Traffic Engr:	Highway Division, NESPAK.
19.	Mr. Anwar Saleem	Joint Director (Mech. Engg.)	Ministry of Railway, Railway Board.
20.	Capt. Munir Hasan	Manager	P.N.S.C. Karachi.
21.	Major Mushtaq	Major	General Headquarters
22.	Major M. Yasin Malik	"	" "
23.	Major Raees Khan	"	" "
24.	Major Zahid Rashid Mir	"	" "
25.	Major Abdul Aziz	"	" "
26.	Major Mughees-ud-Din Dar.	"	" "
27.	Major M. Saleem Raza Muftee.	"	" "
28.	Major Javeed Ahmad Rana.	"	" "
29.	Major Hayat Mohammad	"	" "
30.	Major Mohammad Amir	"	" "



LIST OF THE SELECTED PARTICIPANTS  
WHO ATTENDED THE COURSE

S.No. Name of the Selected Participants

1. Mr. Abdus Sattar,  
Research Officer,  
Project Appraisal & Evaluation Section,  
Planning & Development Division,  
Islamabad.
2. Mr. Abdul Razzaque Bughio,  
Executive Engineer,  
Port Qasim Authority,  
Karachi.
3. Mr. Zafar Iqbal,  
Manager Operation NATCO,  
NATCO, Gilgit.
4. Mr. Fayyaz Ahmed Laghari,  
A.S.P.,  
Public Department,  
Traffic Division,  
C.P.O., Karachi.
5. Mr. Abdul Rehman,  
Associate Professor,  
Engineering University,  
Lahore.
6. Mr. M. Iqbal,  
Assistant Manager,  
Civil Aviation Authority,  
Karachi.
7. Mr. Zafar Ahmad,  
Deputy Manager,  
Civil Aviation Authority,  
Karachi.
8. Mr. Mohammad Nayeem,  
Traffic Manager,  
Karachi Transport Corporation,  
Karachi.

Annex-V (Contd)

<u>S.No.</u>	<u>Name of the Selected Participants</u>
9.	Mr. S. Tanvir Abbas Jafri, Director Finance, Punjab Urban Transport Corporation, <u>Lahore.</u>
10.	Mr. Shamim Ahmad, Manager Finance, Karachi Port Trust, <u>Karachi.</u>
11.	Mr. Fazal Illahi, Economist, Planning & Design Directorate Punjab, Highway Department, <u>Lahore.</u>
12.	Mr. Jamil Ahmad Khan, Assistant Manager, Corporate Planning Department, P.I.A., Karachi Airport, <u>Karachi.</u>
13.	Mr. Riaz Ahmed Qazi, Senior Civil Engineer, Highway Division, NESPAK, <u>Lahore.</u>
14.	Mr. Tariq Javed Babary, Senior Traffic Engineer, Highway Division, NESPAK, <u>Lahore.</u>
15.	Mr. Junaid Sophie, Assistant Manager (Financial Analysis), P.I.A., <u>Karachi.</u>
16.	Mr. Anwar Saleem, Joint Director (Mech. Eugg.), Ministry of Railway, (Railway Board), <u>Islamabad.</u>



S.No. Name of the Selected Participants

17. Captain Munir Rasan,  
Manager,  
Pakistan National Shipping Corporation,  
Karachhi.
18. Major Mushtaq,  
General Headquarter,  
Rawalpindi.
19. Major Mohammad Yasin Malik,  
General Headquarter,  
Rawalpindi.
20. Major Raees Khan,  
General Headquarter,  
Rawalpindi.
21. Major Zahid Rashid Mir,  
General Headquarter,  
Rawalpindi.
22. Major Abdul Aziz,  
General Headquarter,  
Rawalpindi.
23. Major Mughees-ud-Din-Dar,  
General Headquarter,  
Rawalpindi.
24. Major Mohammad Saleem Raza Mufti,  
General Headquarter,  
Rawalpindi.
25. Major Javed Ahmad Rana,  
General Headquarter,  
Rawalpindi.
26. Major Hayat Mohammad,  
General Headquarter,  
Rawalpindi.
27. Major Mohammad Amir,  
General Headquarter,  
Rawalpindi.

LIST OF SPEAKERS

<u>S.No.</u>	<u>Name of the Speaker</u>	<u>Subject of the Lecture</u>
1.	Dr. Arshad Zaman, Economic Adviser, Ministry of Finance, Sectt: Block-'S', <u>Islamabad.</u>	Current Economic Situation-I
2.	Mr. M. A. Hussain Mullick, Chairman, Department of Economics, Quaid-e-Azam University, <u>Islamabad.</u>	Current Economic Situation-II
3.	Mr. Abdul Majeed, Deputy Chief, NTRC, Planning Commission, <u>Islamabad.</u>	i) Historical Development of Transport in Pakistan. ii) Introduction to Micro Economic-I. iii) Introduction to Micro Economic-II. iv) Transport Pricing. v) Cost Benefit Analysis vi) Forecasting vii) Compounding & Discounting Techniques.
4.	Mr. Sadaqat Hassan Mir, Managing Director, Energy Planning Cell, Planning Commission, <u>Islamabad.</u>	i) Transport Priorities for Sixth Plan. ii) Technical Appraisal of Transport Projects. iii) Role of Private Sector in Transport. vi) Inland Water Transport
5.	Prof. David A. Briggs, T.C.O., N.T.R.C., Planning Commission, <u>Islamabad.</u>	i) Introduction to Transport System Analysis. ii) Transport System Analysis Methodology. iii) Transport System Analysis Analytical Techniques.
6.	Mr. Anis Mahmood, Research Economist, P.I.D.E., <u>Islamabad.</u>	Role of Transport in Develop- ment.

<u>S.No.</u>	<u>Name of the Speakers</u>	<u>Subject of the Lectures</u>
7.	Dr. Masooma Hassan Director, National Institute, of Public Administration, <u>Karachi.</u>	Social Implication of Transport Development.
8.	Mr. John Smith, T.C.O., N.T.R.C., Planning Commission, <u>Islamabad.</u>	i) Transport Data Requirements ii) R&D Requirements of Trans- port. iii) Technological Innovation in Transport. iv) Film on Transport.
9.	Mr. M.Sadiq Swati, Chief, National Transport Research Centre, Planning Commission, <u>Islamabad.</u>	i) Project Cycle ii) Transport Planning Meth- odology. iii) Highway Safety in Pakistan-I. iv) Highway Safety in Pakis- tan II. v) Indus Supper Highway.
10.	Dr. M. Ahmad Aghai, Director General, Evaluation & Monitoring Section, Planning & Deve- lopment Division, <u>Islamabad.</u>	Project Monitoring & Evaluation.
11.	Dr. M. Abdullah, Electrical Engineering Department, University of Engineering, <u>Peshawar.</u>	Energy Requirements of Transport.
12.	Dr. S. Mohammad Ali Shah, Director, Cabinet Sectt: O & M Division, <u>Islamabad.</u>	i) Operation Research I iii) Operation Research II
13.	Miss Shamim A. Sahibzada, Pakistan Institute of Development Economics, <u>Islamabad.</u>	Critical Path Method I Critical Path Method II
14.	Dr. Amanullah Khan, Managing Director, Computer Applied Software, Hardware Enterprises, <u>Islamabad.</u>	i) Management Information System I. ii) Management Information System II. iii) Management Information System III.

Annex-VI (Contd)

<u>S.No.</u>	<u>Name of the Speakers</u>	<u>Subject of the Lectures</u>
15.	Mr. Zaheer Ahmad Butt, Assistant Professor, Deptt: of Business Administration, University of Punjab, <u>Lahore.</u>	i) Financial Analysis I ii) Financial Analysis II iii) Financial Analysis III
16.	Mr. Khawaja Amjad Saeed, Chairman, Deptt: of Business Administration, University of Punjab, <u>Lahore.</u>	i) Cost Accounting I ii) Cost Accounting II iii) Cost Accounting III
17.	Malik M. Saeed, Chief, T & C Section, Planning & Development Division, <u>Islamabad.</u>	i) Probability Analysis ii) Sensitivity Analysis iii) Risk & Uncertainty iv) Equipment Replacement.
18.	Mr. Derish M. Wolff, Executive Vice President, Louis Berger International Inc.	Critical Issues in Transport
19.	Mr. Imtiaz Ahmad Khan, Chief Statistical Officer, Federal Buareau of Statistics, <u>Karachi.</u>	Sampling Techniques.
20.	Mr. Mahmood Athar Zaka, Joint Secretary, Ministry of Defence, Pak. Sectt; <u>Rawalpindi.</u>	Decision Theory.
21.	Mr. Richard Simonium, Louis Berger International Inc.	Feeder Roads.
22.	Brig. (Rtd) S.S.A. Qasim, Ex-Managing Director, K.T.C., <u>Karachi.</u>	Managing Urban Bus Transport.
23.	Mr. Pervez Sani, Govt. College of Technology, <u>Peshawar.</u>	Urban Transport Planning.
24.	Col. Tahir Masood, US Aid, Islamabad.	i) Problem Encountered in Const./Maintenance of Road. ii) Economic Implication of Road Maintenance.

Annex-VI (Contd)

<u>S.No.</u>	<u>Name of the Speakers</u>	<u>Subject of the Lectures.</u>
25.	Col. Raza Hussain Shah, Engineering Cell, Ministry of Local Govt. & Rural Development, <u>Islamabad.</u>	i) Development Road (Case Study). ii) Project Management.
26.	Mr. M. Aftab Alam, General Manager, KPT, <u>Karachi.</u>	i) Using Consultants. ii) Port Planning.
27.	Admiral M. I. Arshad, Chairman, KPT, <u>Karachi.</u>	Managing Port.
28.	Mr. Bashir Ahmad, Director Forbes, Forbes Campbell & Company Ltd., <u>Karachi.</u>	Containerization
29.	Captain S.I. Naqvi, Pakistan National Shipping Corporation, <u>Karachi.</u>	Pakistan Maritime Transport.
30.	Mr. Ghias-ud-Din, Director, Research & Training, Pakistan Railways, <u>Lahore.</u>	Sofre Rail Study.
31.	Group Captain Maqsood Amin, Acting Director Project, Civil Aviation Authority, <u>Karachi.</u>	Airport Planning in Pakistan.
32.	Brig. Khalid M. Amin, Director General, National Highway Board, <u>Islamabad.</u>	National Highway Planning.

Annex-VI (Contd)

<u>S.No.</u>	<u>Name of the Speakers</u>	<u>Subject of the Lectures.</u>
33.	Mr. Badshah Gul, General Manager, Corporate Planning Department, P.I.A., <u>Karachi.</u>	Aircraft Investment Decision.
34.	Lecture on "Managing Railway" was delivered at Railway Headquarter, Lahore on 8th November, 1984 by Mr. M. Akram Mirza, General Manager, Railway Board.	
35.	Lecture on "Port Qasim" was delivered at Port Qasim Authority, Karachi on 11th November, 1984, by Rear Admiral A. Waliullah, Chairman, P.Q.A., Karachi.	

DETAILS OF COURSE MATERIAL DISTRIBUTED  
AMONG THE PARTICIPANTS

S.No.	T o p i c s	Material Provided by NTRC and Speakers.
1.	2.	3.
1.	Historical Development of Transport in Pakistan.	Handout on "Historical Development of Transport in Pakistan" by Mr. Abdul Majeed, Deputy Chief, NTRC.
2.	Transport Priorities for Sixth Plan.	Material on strategic objective by Mr. Sadaqat Hassan Mir, Planning Commission, reproduced by NTRC.
3.	Introduction to Transport System Analysis.	Handout on "Introduction to Transport System Analysis" by Professor David A. Briggs, TCO, NTRC.
4.	Transport System Analysis Methodology.	Handout on "Transport System Analysis Methodology" by Professor David A. Briggs, TCO, NTRC.
5.	Social Implication of Transport Development	Material written by Lt. Col Tahir Masoud, reproduced by NTRC.
6.	Transport Data Requirements.	a) "Transport Data Collection Storage and Retrieval System" by Mr. M. Asif Khan, Deputy Chief, NTRC. b) "Transport Data Requirement" by Mr. M. Sadiq Swati, Chief, NTRC. c) Proposal for setting up of Data Bank in NTRC.
7.	Project Cycle	a) Material of World Bank on Project Cycle, reproduced by NTRC. b) PC-I Proformae
8.	Project Monitoring and Evaluation	a) Material of World Bank on "Project Monitoring & Evaluation" reproduced by NTRC.
9.	Technological Innovation in Transport.	Handout on "Technological Innovation in Transport" by Mr. John Smith, TCO, NTRC produced by NTRC.

1.	2.	3.
10.	Energy Requirement of Transport.	"Fuel Consumption Study" by Mr. Abdul Majeed, Deputy Chief, NTRC.
11.	Introduction to Micro Economics	Material of World Bank on the topic reproduced by NTRC.
12.	Introduction to Micro Economics II.	Material by World Bank on the topic reproduced by NTRC.
13.	Technical Appraisal of Transport Project.	a) "A Manual for the Economic Appraisal of Transport Project" by Planning Commission. b) "Technical Appraisal of Transport Projects" by T&C Section, Planning Commission, produced by NTRC.
14.	Transport Pricing.	Handout on Transport Pricing by Mr. Abdul Majeed, Dy. Chief, NTRC.
15.	Transport Planning Methodology.	Handout on "Planning Methodology" by Mr. M. Sadiq Swati.
16.	Critical Path Method I.	Material of World Bank on Critical Path Method.
17.	Critical Path Method II.	Material of World Bank and Handout on the topic by Miss Shamim Sahibzada, Chief Evaluation Section, PIDE.
18.	Sampling Technique.	Handout on Sampling Technique given by Mr. Imtiaz Ahmad Khan, Chief Statistical Officer, Federal Bureau of Statistics.
19.	Sensitivity Analysis	Material of World Bank on "Sensitivity Analysis", reproduced by NTRC.
20.	Risk and Uncertainty.	Handout of World Bank on "Risk and Uncertainty", reproduced by NTRC.
21.	Urban Transport Planning.	"Management of Urban Transport Planning Process" by Mr. S. Pervez Sani, Govt. College of Technology, Peshawar.
22.	Managing Urban Bus Transport.	"Management of Urban Transport Planning Process" by Mr. S. Pervez Sani, Govt. College of Technology, Peshawar.



1.	2.	3.
23.	Problem Encountered in Construction/ Maintenance of Roads.	Handout on the topic prepared by Lt. Col. Tahir Masud, produced by NTRC.
24.	Development Road (Case Study)	Material of World Bank on Construction of a Development Roads", reproduced by NTRC.
25.	Equipment Replacement.	Material of World Bank on "Equipment Replacement Analysis" reproduced by NTRC.
26.	Highway Safety in Pakistan I.	a) Material on "Highway Safety in Pakistan" by Highway Safety Wing, Ministry of Communications.
27.	Highway Safety in Pakistan II.	a) "Highway Safety Present Situation" by Mr. M. Sadiq Swati, Chief, NTRC. b) "Real Problems of Highway Safety in Pakistan" by Mr. M. Sadiq Swati, Chief, NTRC. c) "Psychological Attitudes Towards Highway Safety" by M. Sadiq Swati, Chief, NTRC. d) "Accident Study for Punjab" by Mr. M. Sadiq Swati, Chief, NTRC. e) "Transport Data Collection Storage and Retrieval System" by Mr. M. Asif Khan, Deputy Chief, NTRC. f) "Highway Transportation Studies and Survey" by Mr. M. Aslam Farouk, Deputy Chief, NTRC.
28.	Economic Implication of Road Maintenance.	Material of World Bank on "Social-ogical Implication of Transport" reproduced by NTRC.
29.	Using Consultant.	Material of World Bank on "Uses of Consultant by the World Bank and its Borrowers" reproduced by NTRC.
30.	Port Planning.	"The Port of Karachi-Post Present and Future" by Rear Admiral M. I. Arshad, Chairman, Karachi Port Trust.

1.	2.	3.
31.	Managing Ports.	"KPT Year Book" and "KPT News Bulletin" published by KPT distributed by Rear Admiral M.I. Arshad, Chairman, Karachi Port Trust.
32.	Inland Water Transport	a) Material on "Inland Water Transport in Pakistan" by Bakhteyar Hussain, M.S. Engineering, M/o Communications, Islamabad. b) "Inland Water Transport in Pakistan" by Mr. M. A. Farouk, Deputy Chief, NTRC.
33.	Financial Analysis I.	Handout on "Financial Statement Analysis" by Mr. Zaheer Ahmad Butt, Asstt. Professor, Deptt: of Business Administration, University of Punjab, Lahore.
34.	Financial Analysis II.	- do -
35.	Financial Analysis III.	- do -
36.	Cost Benefit Analysis	a) Material of World Bank on Cost Benefit Analysis" reproduced by NTRC. b) Handout on "Introduction of Cost Benefit Analysis" by Mr. Abdul Majeed, Deputy Chief, NTRC.
37.	Forecasting.	a) Material of World Bank on "Forecasting Method" reproduced by NTRC.
38.	Cost Accounting I.	Handout on "Cost Accounting" by Khawaja Amjad Saeed, Chairman, Deptt: of Business Administration, Punjab University, Lahore.
39.	Cost Accounting II.	- do -
40.	Cost Accounting III.	- do -
41.	Sofre Rail Study.	a) Material on "Sofre Rial" by Mr. Shehzad Ahmad Khan. b) Publication on "Pakistan Railways" by Mr. Ghias-ud-Din Director of Research and Training, Pakistan Railways.

Annex-VII (Contd)

1.	2.	3.
42.	Pakistan Maritime Transport.	Material on "Pakistan Maritime Transport Study" produced by NTRC.
43.	Project Management.	Material on "Some thoughts on Project Management" by Mr. J.W. Haung, produced by NTRC.
44.	National Highway Planning.	Handout on "Transport Planning" by Brig. Khalid M. Amin, Director General, National Highways Board.
45.	Critical Issues in Transport.	Handout on "Critical Issues in Transport Planning" by Derish M. Wolff, Executive Vice President Louis Berger International Inc.
46.	Air Craft Investment Decision.	a) Material of World Bank on "Air Craft Investment Decision" reproduced by NTRC. b) Material on the topic published by PIA given by Mr. Badshah Gul General Manager, PIA.
47.	Compounding and Discounting Technique.	Compounding & Discounting tables for Project Evaluation distributed and produced by Mr. Abdul Majeed, Deputy Chief, NTRC.
48.	Transport System Analysis - Analytical Techniques.	Handout on "Transport System Analysis Analytical Techniques" by Prof. David A. Briggs, TCO, NTRC.

SOCIAL FUNCTIONS

- October 7, 1984 (Sunday) Inaugural Ceremony arranged by NTRC for the participants and invited guests.
- October 12, 1984 (Thursday) Visit to Murree, lunch was honoured in the honour of the course participants by NTRC.
- October 20, 1984 (Saturday) Visit to 2nd Carriageway between Nowshehra and Peshawar.  
Lunch was honoured in the honour of the participants by Director General, National Highway Board at Peshawar Club.
- October 26, 1984 (Friday) Visit to Taxila Museum, ruins of ancient age and around the town.
- November 6, 1984 (Tuesday) Visit to Pakistan Railway Carriage Factory Islamabad. Light refreshment the participants by the management of the factory.
- November 7, 1984 (Wednesday) Lunch was honoured in the honour of the participants by the General Manager, Railway Board, Lahore.
- November 8, 1984 (Thursday) Light refreshment by the Director Road Research and Material Testing Institute, Lahore.  
Refreshment by Managing Director, PUTC, Lahore and by the General Manager, Railway Board, Lahore.
- November 9, 1985.(Friday) Lunch was honoured in the honour of the participants by Chief Engineer, Highway Department, Government of Sind at a local hotel in Hyderabad.
- November 10, 1984(Saturday) Refreshment and lunch by the Director, Karachi Traffic Engineer Bureau.
- November 11, 1984 (Sunday) Lunch by the Chairman, Port Muhammad Bin Qasim, Karachi.  
Evening refreshment by Pakistan National Shipping Corporation, Karachi.

Annex-VIII (Contd)

- November 12, 1984 (Monday) Lunch by the General Manager, Pak. Suzuki Motor Company Ltd. Karachi and the Chiarmen, Pakistan Automobile Corporation Ltd., Karachi.
- Evening tea at Hotel Midway House by the Deputy Chief, NTRC.
- November 13, 1984 (Tuesday) Lunch was honoured by the Commandant, Pakistan Marine Academy, Karachi.
- Tea by the Managing Director, Karachi Transport Corporation, Karachi.
- Refreshment at "Hotel Gulf" by the Deputy Chief, NTRC.
- November 14, 1984 (Wednesday) Lunch was honoured by the Managing Director, Karachi Shipyard and Engineering works.
- Dinner in the honour of the Course participant by Pakistan National Shipping Corporation, Karachi.
- November 15, 1984 (Thursday) Lunch at Karachi Boat Club by the Chairman, Karachi Port Trust, Karachi.
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D a t e	Day	Time	From	To	Programme
1.	2.	3.	4.	5.	6.
12th October, 84	Friday	08.00	Pakistan Manpower Institute	Murree	Social visit to Murree (09.30 - 17.00 hours)
20th October, 84	Sat.	08.00	Pakistan Manpower Institute	Peshawar	Visit to 2nd Carriage way between Nowshehra and Peshawar.  <u>Lunch</u> By Director General, National Highways Board at Peshawar Club.
26th October, 84	Friday	08.00	Pakistan Manpower Institute	Taxila	Visit to Taxila Museum, ruins of ancient age country-side.
6th Nov., 1984	Tuesday	14.00	Pakistan Manpower Institute	Railway Carriage Factory Islamabad.	Visit to Pakistan Railway Carriage Factory (14.30 - 16.30 hours)
7th Nov., 1984.	Wed.	08.30	International Hotel, Lahore	Dry Port	Visit to Lahore Dry Port (09.00 - 11.00 hours)
8th Nov., 1984.	Thursday	08.30	-do-	New University Campus.	Visit to Road Research & Material Testing Institute (09.00 - 11.00 hours)
		11.00	University Campus	Punjab Urban Transport Corporation.	Visit to Punjab Urban Transp. Corporation Workshops (12.00-14.00 hrs)
		14.00	PUTC	Railway Head-quarter	Lecture delivered by General Manager, Railway Board (14.15-16.30 hrs)
9th November, 84	Friday	08.00	Gulf Hotel Karachi	Hyderabad	Visit to Super Highway Between Karachi & H/abad (08.00-17.00)  LUNCH By Chief Engineer, Highway Deptt. Govt. of Sind.

Annex-IX (Contd.)

1.	2.	3.	4.	5.	6.
9th Nov., 1984	Saturday	08.30	Gulf Hotel	Civic Centre Karachi	Visit to Karachi Traffic Engineering Bureau, visit to Malir Bridge (09.00-13.00 hours)  <u>LUNCH</u> By the Director, Karachi Traffic Engineering Bureau (13.00 - 13.45 hours)
10th Nov., 84.	Saturday	13.45	Gulf Hotel	Civic Centre	Visit to Port Qasim Auth. and lecture delivered by the Chairman(9.30-13.30 hrs)  <u>LUNCH</u> By the Chairman, Port Qasim Authority (13.30-14.00 hours)
		14.00	Bin Qasim	West Wharf	Visit to Pakistan National Shipping Corporation, Karachi.
12th Nov., 84	Monday	08.30	Gulf Hotel	West Wharf	Visit to Pak Suzuki Motors Company Ltd., (09.00 - 13.00 hours)  <u>LUNCH</u> By the General Manager, Pak Suzuki Motors Co.Ltd. and the Chairman Pakistan Automobile Corporation Ltd., (13.00 - 14.00 hours)
		14.00	West Wharf	Karachi Airport	Visit to PIAC and Engineering Workshops. (14.45 - 17.00 hours)
13th Nov., 84	Tuesday	08.30	Gulf Hotel	Maripur Karachi	Visit to Pakistan Marine Academy, Karachi (09.30 - 13.00 hours)  <u>LUNCH</u> By the Commandant, Pakistan Marine Academy (13.00 - 14.00 hours)
		14.00	Maripur	Housing Society	Visit to Karachi Transport Corporation (15.00 - 17.00 hours)

Annex-IX (Contd)

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1.	2.	3.	4.	5.	6.
14th Nov., 84.	Wed- nesday	08.30	Gulf Hotel	West Wharf	Visit to Karachi Shipyard & Engineering Works (09.30 - 13.30 hours)
				<u>LUNCH</u>	By the Managing Director Karachi Shipyard (13.00 - 14.00 hours)
15th Nov., 84	Thursday	08.30	Gulf Hotel	West Wharf	Visit to Karachi Port Trust. (09.00 - 13.30 hours)
				<u>LUNCH</u>	By the Chairman, Karachi Port Trust and distri- bution of Certificates (14.00 - 16.30 hours )

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6TH - PLANNING COMMISSION COURSE ON TRANSPORTATION PROJECTS PLANNING  
( 7TH OCTOBER - 15TH NOVEMBER, 1984 )

First Week  
( 8.10.1984 to 11.10.1984. )

WEEKLY EVALUATION

( To be filled on daily basis by the participants )

Name  
(Optional):

The participants are requested to complete the following questionnaire on a daily basis and submit it to the Course Director at the end of every week (on Thursday). They are requested to record their candid opinions in the questionnaire to enable the Course Director to bring about improvements in the present as well as future courses. All informations will be treated as CONFIDENTIAL. Two copies of the questionnaire are being provided. One filled up copy may be retained by the participants for Seminar 'X'.

S.No	Date	Lecture	Speaker	Did it meet the Objectives		Quality of the material provided?		Quality of the Lecture		Suggestions				
				Yes	No	Better than expected.	What was expected.	Well Prepared	Other Remarks					
1.	8.10.1984	Current Economic Situation I	Arshad	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
2.	8.10.1984	Current Economic Situation II	Mullic											
3.	8.10.1984	Historical Development of Transport in Pakistan.	Majeed											

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6TH - PLANNING COMMISSION COURSE ON TRANSPORTATION PROJECTS PLANNING  
( 7th October - 15th November, 1984 )

Second Week  
( 14.10.1984 to 18.10.1984 )

WEEKLY EVALUATION

( To be filled on daily basis by the participants )

Name  
(Optional):

The participants are requested to complete the following questionnaire on a daily basis and submit it to the Course Director at the end of every week (On Thursday). They are requested to record their candid opinions in the questionnaire to enable the Course Director to bring about improvements in the present as well as future courses. All informations will be treated as CONFIDENTIAL. Two copies of the questionnaire are being provided. One filled up copy may be retained by the participants for Seminar 'X'.

S. No.	Date	Lecture	Speaker	Did it		Quality of the material provided?	Quality of the Lecture					SUGGESTIONS		
				Yes	No.		Better than expected.	About what was expected.	Less than was expected.	Well prepared.	Would have been pre-entertained.		Theoretically oriented.	Practically oriented.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
1.	14.10.84	Technological Innovation in Transport.	Smith											
2.	14.10.84	Project Monitoring & Evaluation	Ashai											
3.	14.10.84	Energy Requirements of Transport.	Aldullah											



6TH - PLANNING COMMISSION COURSE ON TRANSPORTATION PROJECTS PLANNING  
( 7th October - 15th November, 1984 )

Third Week  
( 21.10.1984 to 25.10.1985 )

WEEKLY EVALUATION

(To be filled on daily basis by the participants )

Name  
(Optional):

The participants are requested to complete the following questionnaire on a daily basis and submit it to the Course Director at the end of every week (on Thursday). They are requested to record their candid opinions in the questionnaire to enable the Course Director to bring about improvements in the present as well as future courses. All informations will be treated as CONFIDENTIAL. Two copies of the questionnaire are being provided. One filled up copy may be retained by the participants for Seminar 'X'.

S. No.	Date	Lecture	Speaker	Did it meet the Objectives?		Quality of the material provided?	Quality of the Lecture				Other Remarks	SUGGESTIONS		
				Yes	No		Well	Would have been prepared better	Theoretically	Practically				
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
1.	21.10.84	Financial Analysis-I	Butt											
2.	21.10.84	Financial Analysis-II	Butt											
3.	21.10.84	Financial Analysis-III	Butt											
4.	22.10.84	Cost Benefit Analysis	Majeed											
5.	22.10.84	Forecasting	Majeed											
6.	22.10.84	Cost Accounting-I	Khawaja											
7.	23.10.84	Cost Accounting-II	Khawaja											
8.	23.10.84	Cost Accounting-III	Khawaja											



6TH - PLANNING COMMISSION COURSE ON TRANSPORTATION PROJECTS PLANNING  
( 7th October - 15th November, 1984 )

Fourth Week  
( 28.10.1984 to 01.11.1984 )

WEEKLY EVALUATION

( To be filled on daily basis by the participants )

Name  
(Optional):

The participants are requested to complete the following questionnaire on a daily basis and submit it to the Course Director at the end of every week (On Thursday). They are requested to record their candid opinions in the questionnaire to enable the Course Director to bring about improvements in the present as well as future courses. All informations will be treated as CONFIDENTIAL. Two copies of the questionnaire are being provided. One filled up copy may be retained by the participants for Seminar 'X'.

S. No.	Date	Lectur	Speaker	Did it meet the Objectives		Quality of the material provided.		Quality of the Lecture		SUGGESTIONS				
				Yes	No	Better than expected.	Worse than expected.	Well presented.	Would have been presented better.					
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.

1. 28.10.84 Urban Transport Planning. Sani
2. 28.10.84 Managing Urban Bus Transport. Qasim
3. 28.10.84 Films on Transport. Smith
4. 29.10.84 Problems Encountered in Const./Maint.of Roads. Masud





6TH PLANNING COMMISSION COURSE ON TRANSPORTATION PROJECTS PLANNING  
(7th October - 15th November, 1984)

Fifth Week  
( 4.11.1984 to 06.11.1984 )

WEEKLY EVALUATION

( To be filled on daily basis by the participants )

Name  
(Optional):

The participants are requested to complete the following questionnaire on a daily basis and submit it to the Course Director at the end of every week (On Thursday). They are requested to record their candid opinions in the questionnaire to enable the Course Director to bring about improvements in the present as well as future courses. All information will be treated as CONFIDENTIAL. Two copies of the questionnaire are being provided. One filled up copy may be retained by the participants for Seminar 'X'.

S. No.	Date	Lecture	Did it meet the objectives?		Quality of the material provided?		Quality of the Lecture				SUGGESTIONS		
			Yes	No	Better than expected.	Less than expected.	Well presented.	Not well presented.	Theoretically oriented.	Practically oriented.		Other Remarks	
1.	2.	3.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
1.	4.11.1984	Containerization											
2.	4.11.1984	Pakistan Maritime Transport.											
3.	4.11.1984	Sofre Raild Study											
4.	5.11.1984	Project Management											

1. 4.11.1984 Containerization Bashir
2. 4.11.1984 Pakistan Maritime Transport. Capt. Naqvi
3. 4.11.1984 Sofre Raild Study Chiasudin
4. 5.11.1984 Project Management Raza

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15.

5. 5.11.1984 Airport Planning in Pakistan  
Maqsood Amir

6. 5.11.1984 National Highway Planning.  
Amin

7. 6.11.1984 Aircraft Investment Decision.  
Gul

8. 6.11.1984 Compounding & Discounting Techniques  
Majeed

DETAILS OF EXPENDITURE1. Inaugural Session:

|                       |            |
|-----------------------|------------|
| Tea/Light Refreshment | Rs. 940.00 |
| Invitation Cards      | Rs. 600.00 |
| Crockery              | Rs. 330.00 |
| Banner                | Rs. 175.00 |

Sub-Total (1): Rs. 2,045.00

2. Speakers:

|                                     |               |
|-------------------------------------|---------------|
| Travelling Allowance                | Rs. 6,753.00  |
| Daily Allowance                     | Rs. 810.00    |
| Hotel/Accommodation Charges         | Rs. 802.00    |
| Lecture Fee @ Rs. 300/- per lecture | Rs. 19,300.00 |

Sub-Total (2): Rs. 27,665.00

3. Transport:

|                              |              |
|------------------------------|--------------|
| During Field Visits          | Rs. 503.20   |
| Hired Transport (in Karachi) | Rs. 9,340.00 |
| Other                        | Rs. 472.00   |

Sub-Total (3): Rs. 10,315.20

4. Refreshment:

|                     |              |
|---------------------|--------------|
| During Field Visits | Rs. 992.10   |
| Daily Refreshment   | Rs. 3,204.50 |

Sub-Total (4): Rs. 4,196.60

5. Stationery:

|                   |              |
|-------------------|--------------|
| During the Course | Rs. 1,730.00 |
| For Report.       | Rs. 1,875.00 |

Sub-Total (5): Rs. 3,605.00

6. Honoraria:

Rs. 10,000.00

ANNEX - XI (CONTD)

7. Field Visits:

Travelling Allowance

|                  |     |          |
|------------------|-----|----------|
| Deputy Chief     | Rs. | 2,330.00 |
| Course Organizer | Rs. | 2,375.00 |

Daily Allowance

|                  |     |        |
|------------------|-----|--------|
| Deputy Chief     | Rs. | 720.00 |
| Course Organizer | Rs. | 650.00 |

Hotel Charges

|                  |     |          |
|------------------|-----|----------|
| Course Organizer | Rs. | 1,402.30 |
|------------------|-----|----------|

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Sub-Total (6): Rs. 7,477.30

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8. Postage:

|               |     |        |
|---------------|-----|--------|
| Telegram      | Rs. | 600.00 |
| Ordinary Mail | Rs. | 491.80 |

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Sub-Total (7): Rs. 1,091.80

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9. Printing: Rs. 11,509.91

10. Subsidy : Rs. 1,440.00

11. Contingencies: Rs. 985.80

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GRANT TOTAL (1-11) :- Rs. 80,331.41

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TOTAL NUMBER OF PERSONS TRAINED IN DIFFERENT  
TRANSPORTATION PROJECTS PLANNING COURSE

| S. No. | Name of Organization                     | First  | Second  | Third   | Fourth  | Fifth  | Sixth   | Total<br>Cols.<br>(3-8) |
|--------|--|--|---|---|---|--|---|-------------------------|
|        |  | Course<br>Oct.<br>28 -<br>Nov.<br>29,<br>1976. | Course<br>Sept.,<br>19 -<br>Oct.,<br>23,<br>1977. | Course<br>Oct<br>1 -<br>Nov.,<br>25,<br>1978. | Course<br>Sept.,<br>15.-<br>Oct.,<br>25,<br>1979. | Course<br>Nov.,<br>13 -<br>Dec.,<br>22,<br>1983. | Course<br>Oct.,<br>7 -<br>Nov.,<br>15,<br>1984. |                         |
| 1.     | 2.                                       | 3.   | 4.  | 5.  | 6.  | 7.   | 8.  | 9.                      |
| 1.     | Planning Division,<br>Islamabad.         | 1  | 1   | 1   | 2   | -  | 1   | 6                       |
| 2.     | Ministry of Communications<br>Islamabad. | -  | 1   | -   | 2   | -  | -   | 3                       |
| 3.     | Statistics Division, Karachi             | -  | -   | -   | 1   | -  | -   | 1                       |
| 4.     | Aviation Division                        | -  | -   | 1   | -   | -  | -   | 1                       |
| 5.     | Civil Aviation Authority                 | -  | -   | 1   | 1   | -  | 2   | 4                       |
| 6.     | Pakistan International<br>Airlines.      | 1  | 6   | 3   | 1   | -  | 2   | 13                      |
| 7.     | A.D.A.                                   | 1  | 1   | 2   | -   | 1  | -   | 5                       |
| 8.     | M/o Railway, Islamabad.                  | 1  | -   | 2   | -   | -  | 1   | 4                       |
| 9.     | Railway Board, Lahore.                   | 2  | 3   | 3   | 2   | -  | -   | 10                      |
| 10.    | Pak PWD                                  | -  | 1   | -   | -   | -  | -   | 1                       |
| 11.    | F.W.O.                                   | 1  | 1   | -   | 1   | 2  | -   | 5                       |
| 12.    | N.S.C./P.N.S.C.                          | -  | 1   | 1   | 1   | 1  | 1   | 5                       |
| 13.    | Port Qasim Authority                     | 1  | 1   | 1   | 1   | 2  | 1   | 7                       |
| 14.    | ISHB/NHB                                 | 2  | -   | 2   | 1   | 2  | -   | 7                       |
| 15.    | NESPAK                                   | 2  | 2   | -   | -   | 1  | 2   | 7                       |
| 16.    | B&R Deptt. NWFP                          | 2  | 2   | 1   | -   | -  | -   | 5                       |
| 17.    | C&W Deptt. NWFP                          | -  | -   | 1   | -   | 2  | -   | 3                       |
| 18.    | G.T.S. NWFP                              | 1  | -   | -   | -   | 1  | -   | 2                       |
| 19.    | P&D Deptt. Punjab                        | -  | -   | 1   | -   | -  | -   | 1                       |
| 20.    | C&W Deptt. Punjab                        | 2  | -   | -   | -   | -  | -   | 2                       |
| 21.    | Punjab Highway Deptt.                    | -  | 1   | -   | 1   | -  | 1   | 3                       |
| 22.    | Punjab Building Deptt.                   | -  | -   | -   | 1   | -  | -   | 1                       |
| 23.    | P.R.T.B.                                 | 2  | -   | -   | -   | -  | -   | 2                       |
| 24.    | Punjab Urban Transport<br>Corporation.   | -  | -   | -   | 1   | 1  | 1   | 3                       |

ANNEX - XII (CONTD)

| 1.  | 2.  | 3.         | 4. | 5. | 6. | 7.         | 8. | 9.          |
|-----|---|------------|----|----|----|------------|----|-------------|
| 25. | P&D Deptt. Baluchistan                    | -          | 1  | -  | -  | -          | -  | 1           |
| 26. | C&W Deptt. Baluchistan                    | -          | 1  | -  | 1  | -          | -  | 2           |
| 27. | B&R Deptt. Baluchistan                    | -          | -  | 2  | -  | -          | -  | 2           |
| 28. | PWD Deptt. Azad Kashmir                   | -          | -  | 1  | 1  | 1          | -  | 3           |
| 29. | R&W Deptt. Azad Kashmir                   | 1          | -  | 1  | -  | -          | -  | 2           |
| 30. | C&W Deptt. Azad Kashmir                   | -          | 1  | -  | -  | -          | -  | 1           |
| 31. | S.R.T.C. Hyderabad                        | -          | 1  | -  | -  | -          | -  | 1           |
| 32. | Karachi Transport Corporation             | -          | -  | -  | 1  | 1          | 1  | 3           |
| 33. | P.A.C.O. Karachi                          | -          | -  | -  | 1  | -          | -  | 1           |
| 34. | C.D.A. Islamabad                          | -          | -  | -  | 1  | 1          | -  | 2           |
| 35. | N.E.D. University of Engg. & Technology   | -          | -  | -  | 1  | -          | -  | 1           |
| 36. | Police, Sind, Karachi                     | -          | -  | -  | 1  | -          | 1  | 2           |
| 37. | N.I.P.A.                                  | 1          | -  | -  | -  | -          | -  | 1           |
| 38. | Republic Engineering Corporation.         | 1          | -  | -  | -  | -          | -  | 1           |
| 39. | Karachi Port Trust                        | -          | -  | -  | -  | 1          | 1  | 2           |
| 40. | Army Service Corps.                       | -          | -  | -  | -  | 9          | 10 | 19          |
| 41. | Faisalabad Development Authority.         | -          | -  | -  | -  | 1          | -  | 1           |
| 42. | Engineering-in-Chief Branch (GRQ)         | -          | -  | -  | -  | 1          | -  | 1           |
| 43. | Commissioner Peshawar Division.           | -          | -  | -  | -  | 1          | -  | 1           |
| 44. | University of Engg. & Technology, Lahore. | -          | -  | -  | -  | -          | 1  | 1           |
| 45. | NATCO                                     | -          | -  | -  | -  | -          | 1  | 1           |
|     |   | 22+1 (obs) | 25 | 24 | 23 | 29+1 (obs) | 27 | 151+2 (obs) |