

MA 1<sup>st</sup> Sem

Paper II (Research Methods & Statistics)

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**Topic for the day:**

Methods &  
Techniques used in  
research

# Methods & Techniques used in research

Type	Methods	Technique
Library Research	Analysis of Historical research	<ul style="list-style-type: none"><li>• Recording of notes</li><li>• Content analysis</li><li>• Tape &amp; film listening &amp; analysis</li></ul>
	Analysis of documents	<ul style="list-style-type: none"><li>• Statistical compilations and manipulations</li><li>• Reference and abstract guides</li><li>• Content Analysis</li></ul>

# Methods & Techniques used in research

Type	Methods	Technique
<b>Field Research</b>	Non-participant direct observation	<ul style="list-style-type: none"><li>• Observational behavioural scales</li><li>• Use of scorecards etc.</li></ul>
	Participant observation	<ul style="list-style-type: none"><li>• Interactional recording</li><li>• Possible use of tape recorders</li><li>• Photographic techniques</li></ul>
	Mass observation	<ul style="list-style-type: none"><li>• Recording mass behavior</li><li>• Interview using independent observers in public places</li></ul>
	Mail questionnaire	<ul style="list-style-type: none"><li>• Identification of social &amp; economic background of respondents</li></ul>
	Opinionnaire	<ul style="list-style-type: none"><li>• Use of attitude scales</li><li>• Projective techniques</li><li>• Use of sociometric scales</li></ul>

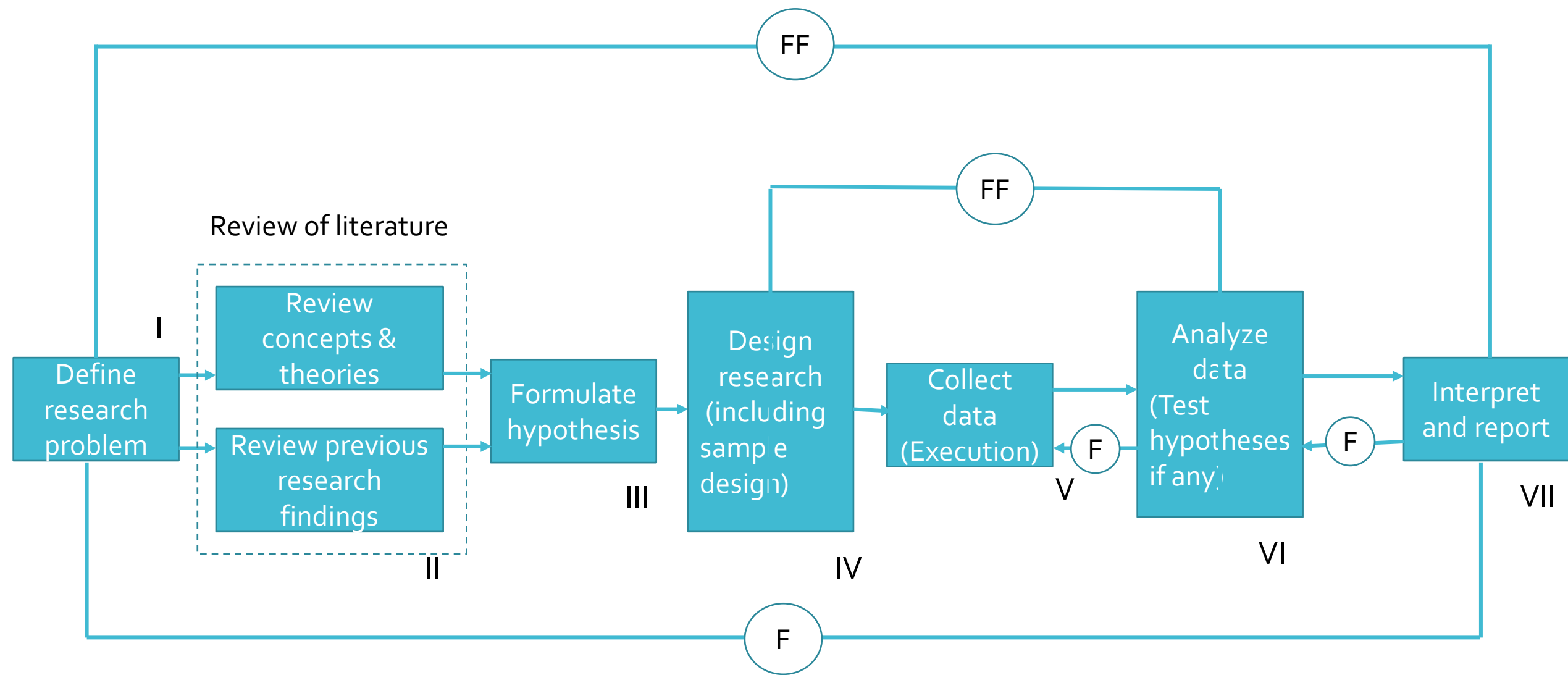
# Methods & Techniques used in research

Type	Methods	Technique
<b>Field Research</b>	Personal Interview	<ul style="list-style-type: none"><li>• Interviewer uses a detailed schedule with open &amp; closed questions</li></ul>
	Focused interview	<ul style="list-style-type: none"><li>• Interviewer focuses attention upon a given experience and its effects</li></ul>
	Group interview	<ul style="list-style-type: none"><li>• Small group of respondents are interviewed simultaneously</li></ul>
	Telephone survey	<ul style="list-style-type: none"><li>• Used as a survey technique for information and for discerning opinion</li><li>• May also be used as a follow-up of questionnaire</li></ul>
	Case study and life history	<ul style="list-style-type: none"><li>• Cross sectional collection of data for intensive analysis</li><li>• Longitudinal collection of data of intensive character</li></ul>

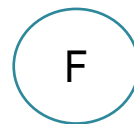
# Methods & Techniques used in research

Type	Methods	Technique
<b>Laboratory Research</b>	Small group study of random behavior, play and role analysis	<ul style="list-style-type: none"><li>• Use of audio-visual recording devices</li><li>• Sue of observers etc.</li></ul>

# Research Process



Where



= **feedback** (helps in controlling the sub-system to which it is transmitted)



= **feed forward** (serves the vital function of providing criteria for evaluation)

**Research process flow chart**

Questions??





Thank You!