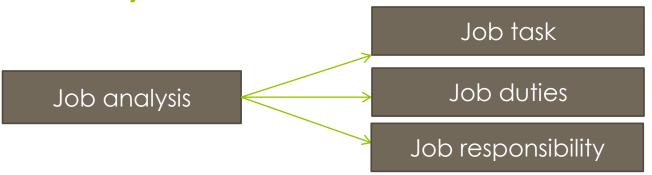
Job analysis



Job analysis can be described as th process involving formal and detailed examination of the jobs, which involves the identification of required tasks, knowledge and the skills necessary for performing them and the conditions under which they should be performed.

The three basic parts of Job analysis

- 1. identifying job
- 2. obtaining information about the tasks, duties, responsibilities and working condition of the job.
- 3. Determine the worker characteristics needed for successful performance of the job.
- Job analysis can be written as:

Job analysis = job description + job specification + job performance standards

What aspects of a job are analyzed?

- Duties and tasks: information to be collected about these items: frequency, duration, effort, skill, complexity, equipment standard.
- Environment: work environment include: unpleasant conditions such as offensive odors and temperature extreme and risks for incumbents as noxious fumes, radioactive substance, aggressive people, dangerous explosive.
- Tools and equipment: specific equipment for specific job like: protective clothing, any items needed to perform the task.
- Relationship: supervision given, relationship with internal external people.
- Requirement: these include the knowledge, skills and abilities.

Job analysis information

- Job identification: job title, job code number.
- Characteristics of the job: job location, physical setting, supervision levels required, hazard associated
- Job duties: a detailed list of the duties along with the probable frequency of occurrence.
- Equipment's and material used.
- How a job is done: nature of operation associated with a job.
- **Personnel attributes**: experience level, training undertaken, physical strength, mental capabilities, social skills, communication skills.
- o Job relationship: opportunities for advancement.

Components of Job analysis

Job description:

• A broad, general, and written statement of a specific job, based on the findings of a job analysis. It generally includes duties, purpose, responsibilities, scope, and working conditions of a job along with the job's title, and the name or designation of the person to whom the employee

Job specification:

 A statement of employee characteristics and qualifications required for satisfactory performance of defined duties and tasks comprising a specific job or function. Job specification is derived from job analysis.

Use of job analysis according to HR and Industrial Psychology

- Human resource planning
 - Recruitment
- Selection
- Induction
- Training
 - Counselling
 - Performance appraisal
 - Job design and redesign

When to do?

- 1. When a new job is created
- 2. radical transformation due to changes in new technologies, methods, producer or system

Process of job analysis

- 1. Organizational analysis: (relationship between job and organizational objectives)
- Selection of representative position to be analyzed: (sample of job need to analyze keeping cost and time constraint)
- 3. Collection of job analysis data:(characteristic of a job, required behaviour, personal qualification)
- 4. Preparation of job description: (functions, duties, responisibilities, operations)
- 5. Preparation of job specification: (traits, skills, training, experiences needed)

Job Description	Job Specification
A statement containing items such as:	A statement of human qualifications necessary to do the job usually contains such items as:
1) Job title	1) Education
2) Location	2) Experience
3) Job summary	3) Training
4) Duties	4) Judgment
5) Machines, tools, and equipment	5) Initiative
6) Materials and tools used	6) Physical effort
7) Supervision given or received.	7) Physical skills
8) Working conditions	8) Responsibilities
9) Hazards	9) Communication skills
	10) Emotional characteristics
	11) Unusual sensory demands such as sight, smell, hearing

Sources of Job Data

Sources of Job Data **Human Sources** Existing job descriptions and • Job incumbents specifications Supervisors Equipment Job experts maintenance • records Films of employees working Training manuals and other job training materials

Job analysis questionnaire

The information about a job is usually collected through a structured questionnaire:

Your Job Title	Code	CodeDate		
Class Title	Department			
Your Name	Facility			
Superior's Title				
Superior's Name	Hours Worked	AM	to AM_	
		PM	PM	
1. What is the general purpos	e of your job?			
2. What was your last job? If it	t was in another organisation,	please name i	t.	
3. To what job would you norr	mally expect to be promoted?			

Methods of Data Collection for Job Analysis

• Questionnaire:

- This method is usually used to obtain information about jobs through a mail survey. This method is, therefore, best suited to clerical workers.
- Checklist: This method requires the worker to check the task he performs from a long list of possible task statements. They are easily administered to large groups and are easy to tabulate.
- Interview: In this method a group of representative job incumbents are selected for extensive interview usually outside of the actual job situation. This method though very costly and time consuming helps in getting a complete picture of the job.

Methods of Data Collection for Job Analysis

Observation:

• This method can be followed right on the job. The analyst observes the incumbent as he performs his work and questions him to get the required data. Working conditions and hazards can also be better described when observed personally by the analyst.

The Interview as a Method of Collecting Job Analysis Information

Some typical interview questions include:

- What is the job being performed?
- What are the major duties of your position?
- What physical locations do you work in?
- What are the education, experience, skill, and (where applicable) certification and licensing requirements?
- What activities do you participate in?
- What are the job's responsibilities and duties?
- What are the basic accountabilities or performance standards that typify your work?
- What are your responsibilities? What are the environmental and working conditions involved?
- What are the job's physical demands? The emotional and mental demands?
- What are the health and safety conditions?
- · Are you exposed to any hazards or unusual working conditions?

SOURCES OF DATA

Job analyst Employee Supervisor

METHODS OF COLLECTING DATA

Interviews
Questionnaires
Observations
Records
O*NET

JOB DESCRIPTION

Tasks Duties Responsibilities

JOB DATA

Tasks
Performance
standards
Responsibilities
Knowledge required
Skills required
Experience needed
Job context
Duties
Equipment used

HUMAN RESOURCES FUNCTIONS

Recruitment
Selection
Training and development
Performance appraisal
Compensation management

JOB SPECIFICATION

Skill requirements
Physical demands
Knowledge requirements
Abilities needed

Recruitment

- Recruitment is the discovering of potential applicants for actual or anticipated organizational vacancies.
- simple terms, recruitment applies to the process of attracting potential employees to the organization or company.

Procedure of Recruitment

- This process includes
- recruitment planning,
- 2. identification of recruitment sources,
- contacting those sources,
- receiving applications from prospective employees.
- 5. Selection



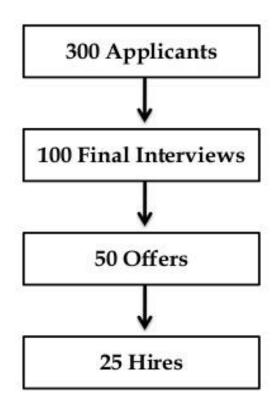
RECRUITING EVALUATION Cont...

Using Yield Ratios to Determine Needed Applicants:

Initial Contacts/Final Interview (Yield ratio = 3:1)

> Final Interview/Offers (Yield ratio = 2:1)

> > Offers/Hires (Yield ratio = 2:1)



RECRUITMENT IS A TWO WAY STREET

Organization is Looking for a Qualified Applicants

RECRUITMENT

Applicants are Looking for the Potential Emplacement Opportunities



STRATEGIC RECRUITING DECISIONS



- > How Many Employees Needed
- When Needed
- KSAs Needed
- > Special Qualifications



- ➤ Where to Recruit: Internal/External
- Who to Recruit: Flexible Staffing Options
- Nature of Job Requirements

DECISIONS ON RECRUITING SOURCES/METHODS

- > Advertising Choices
- > Recruiting Activities

RECRUITMENT PROCESS

ORGANIZATION



Vacant or New position occurs

Generate candidate pool via internal or external recruitment methods

Evaluate Candidates via Selection process

Impress Candidates

Make Offer

CANDIDATE



Receive Education and choose Occupation

Acquire Employment Experience

Search for Job Openings

Apply for jobs

Impress Company during Selection process

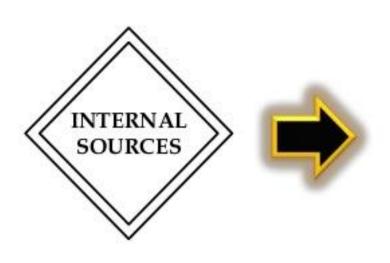
Evaluate Jobs and Companies

Accept or Reject Job Offers

Recruitment waterfall at TCS



SOURCES OF RECRUITMENT



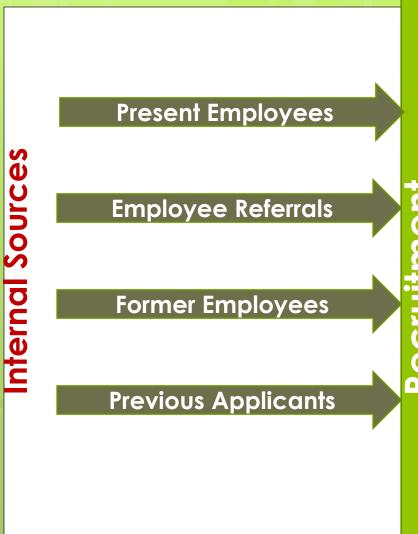
Job Posting & Bidding

Promotions and Transfers

> **Employee Referrals**

Re-recruiting former Employees & Applicants

Internal Recruiting Data base



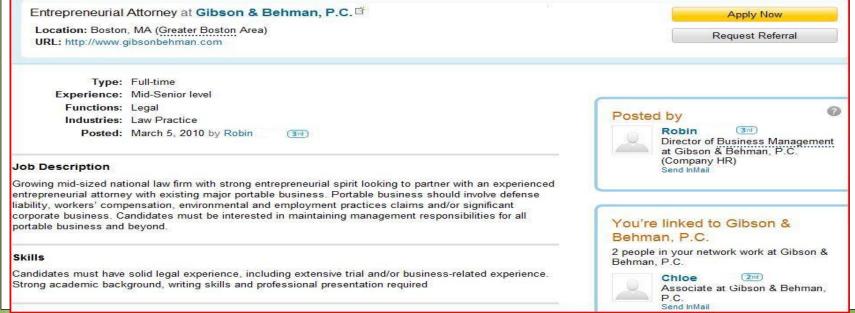
Advertisements Employment Exchanges Campus Recruitment Walk-ins and Write-ins Consultants **Contractors Competitors E-Recruiting**

Sources of Recruitment

Internal sources

o Job Posting: Job posting is another way of hiring people from within. In this method, the organization publicizes job openings on bulletin boards, electronic media and similar outlets.





SOURCES OF RECRUITMENT Cont ...



Schools Colleges & Universities

Labor Unions

Media Sources

Employment Agencies