

## Chapter 3

# **Professional Practices in Nepal**

# Public Sector Practices

- **Public sectors** in context to Nepal are understood as the organizations that are run by the budget sanctioned by the government.
- The organizations in which qualified people can compete for participation are public organizations.
- All the ministries and departments, regional offices, district offices and other sister organizations are the public sectors wherein any qualified Nepalese citizen can apply and be nominated for the job.

- The ministries enlisted in the budget announcement for fiscal year 2060-61 BS are as follows: -

1. Finance Ministry
2. Industry, commerce and supply ministry
3. Law, justice and parliamentary ministry
4. Agriculture and cooperative ministry
5. Home ministry
6. Population and environment ministry

7. Water resource ministry
8. Physical planning and works ministry
9. Culture, tourism and civil aviation ministry
10. Foreign ministry
11. Land-reform and land management ministry
12. Women, children and social welfare ministry
13. Defense ministry
14. Forests and soil conservation ministry
15. Science and technology ministry

16. Education and sports ministry
17. General administrative ministry
18. Information and communication ministry
19. Local development ministry
20. Health ministry
21. Labor and transport ministry
- Other public organizations are as follows: -
22. 22. Secretariat of national planning commission
23. 23. Finance ministry
  - a) Internal loan section
  - b) Foreign loan section
  - c) Investment section
  - d) Miscellaneous section

24. Royal family and palace offices
25. Royal council- constitutional bodies
26. Parliament – constitutional bodies
27. Courts – constitutional bodies
  - a) General administrative Commission ( प्रसासनिक सुधार आयोग )
  - b) Commission of investigation for abuse of authority (CIAA) (अख्तियार दुरुपयोग अनुसन्धान आयोग)
28. Auditors offices
29. Public commission office

30. Election commission office (निर्वाचन आयोग)
31. Office of Attorney General
32. Council of justice
33. Office of Prime Minister
34. Ministerial council
35. Center for national awareness
36. Municipalities
37. DDCs, VDCs, Regional level organizations under various ministries

- Corporations and companies are considered **semi-governmental organizations**, in which government authorities appoint apex positions (Political Appointment) and others by the Public Service Commission (लोक सेवा आयोग) .
- The following are some of the corporations and companies in Nepal in which engineering graduates can practice engineering professions: -



1. The National Construction Company of Nepal (NCCN)
2. The Nepal telecommunication company (NTC)
3. The Nepal royal airlines corporation (RNAC)
4. Nepal dairy development corporation
5. Nepal industrial development corporation (NIDC)
6. Royal Nepal drugs corporation
7. Nepal electricity authority

8. Nepal Rastrya bank
9. Nepal Agriculture bank
10. Nepal Banijya bank
11. Hetauda cement company
12. Nepal Jadi-Buti udyog company
13. Tribhuwan university
14. University Grant Commission
15. Himal Cement Company

# General Job description of engineers working in public sectors

- The following job description is for the fresh or newly entering engineers on the **Gazetted third class position**, abstracted from the office of Rural Infrastructure development Project (RIDP), HMG/Nepal.
  1. to perform preliminary and detail survey, design and estimate
  2. to execute and assign for execution of project works
  3. to conduct various programs for increasing people's capacity.

4. Report writing of –
  - a) Progress report
  - b) Feasibility report
  - c) Final report
  - d) Monitoring and evaluation report etc.
5. To monitor and evaluate ongoing projects
6. To facilitate donor agencies is involved
7. To execute and perform works and jobs assigned by immediate superiors, and
8. To execute other jobs planned specifically for engineers as the nature and case be.

- The general job description of **gazette second class engineers** in public sectors exercised by the Public Service Commission (लोक सेवा आयोग) as per published in the public Service Commission Bulletin no. 11 on Ashad 4, 2054 BS is as under-

1. Planning programming and execution of works.
2. Research on technology, cases , various skills for upgrading,
3. Monitoring, and evaluation and supervision of projects,
4. Administrative activities,
5. Financial administrative activities.

# Private Sector Practices

- In an open market, thousands of private organizations are operational in various sectors.
- As engineers are the technical personnel who work for the benefits of the public, entrepreneurs use them in producing larger quantities in economic investments.
- There are private organizations working more efficiently than government sectors under strict supervision and motivations.

# Private Sector Practices

- There are more than 30 private colleges affiliated to five universities - governmental and non governmental.
- Construction companies and consulting firms are numerous.
- Construction companies alone are above 14000- including A, B, C, and D classes.

# Private Sector Practices

- The members of A class constructors is 176, B class-352, C class- 1387, and other D class.
- There are many computer institutes to teach computer literacy to computer software design and programming.
- Private organizations have accelerated their business with the largest technologies available in Nepal.



# Private Sector Practices

- E-Businesses have evolved in Kathmandu.
- All those private organizations' employ engineers
- Engineers have opportunities to practice their engineering profession in this sector.

# **General Job description of engineers working in the private sectors**

- The following job description of an engineer in private organization has been taken from the United Builders and company, an A – class Construction Company in Nepal.
- 1. To coordinate works between stakeholders-clients, consulting and contractors
- 2. To layout works, to survey and to estimate,
- 3. To supervise, monitor, and control works,

4. To control quality, to assess and report to concerning authorities,
5. To prepare bills as a quality surveyor,
6. To plan project and report progress,
7. To prepare technical report and prepare claims if any,
8. To conduct necessary training regarding site work and office organizations system to new staffs,
9. To overall manage of construction project etc.

THE END