

## CURRICULUM VITAE

1. Name : Prof. Ir. Amrinsyah NASUTION MSCE, Ph.D.  
2. Place and Date of birth : Bukittinggi/4 September 1948  
3. Nationality : Indonesia  
4. Education : Sarjana Teknik Sipil (Ir.)  
Institut Teknologi Bandung, 1976.



- Master of Science in Civil Engineering  
(MSCE), University of Minnesota, USA, 1981.  
Philosophy of Doctor (Ph.D.), University of Minnesota, USA, 1984  
5. Language : Indonesia  
English

### Professional experience

#### 1976 - 1979 :

1. Structural design of SESKOAD, Turangga, Bandung.
2. Structural design of Steel Market Buildings in Bandung.
3. Analysis and design : Eight Floor Office, PERDATAM, Bandung.
4. Design of SILO Ombilin, P.N. Batubara Ombilin, Sawahlunto, Sumatera Barat.
5. Analysis & design : Universitas Syahkuala Hall, Aceh.
6. Remedy for stability : House foundation of PERUMNAS Sadang Serang, Bandung
7. Prof. Rosseno's bridge investigation, DPMA, Bandung.

#### 1980 - 1984 :

1. Twelve storey building, Nursing home apartment, Downtown Minneapolis, Minnesota, USA.
2. The eight storey building of Bell System Telephone, Duluth, Minnesota, USA.
3. Pavement analysis of Toll road, Department of Public Transportation, St.Paul-Minneapolis, Twin-City, USA.
4. Crack and Creep study of concrete material, University of Minnesota, USA.
5. Analysis and study of Prestressed Masonry, University of Minnesota, USA.

#### 1984 - now :

1. Supervisor : Project of Coalmining facility building, Bukit Asam, Sumatera Selatan.
2. Member of the engineering laboratory development project, University of Sriwijaya.
3. Supervisor : PERUMTEL's projects, Batam.
4. Analysis and design of PERUMTEL tower structures
5. Analysis and design of Navy radio station.
6. Analysis and design of : - Dormitory (KOPINDO)  
- THR Surabaya  
- Politech hall, DILLI.
7. Feasibility study :
  - Analysis of the abutment of railway bridge.
  - Value Engineering for the UNISBA building construction
  - Analysis and design of Ferro cement watergate structure, PU-Sumatera Selatan,
  - Wave analysis in structure system
  - Analysis of Cement Silo Foundation, PN. Semen Gresik
  - Design of Rawmill Machine Foundation for Vibration Control, PN, Semen Gresik
  - Analysis of structure's stability, PN. Semen Padang
  - PLN tower analysis, Saguling
  - Analysis and design of Preheater steel structure, PN. Semen Gresik
8. Design of Jetty, Batu Ampar, Pulau Batam
9. Rural Area Telecommunication Project Phase I at Java, PERUMTEL

10. Design of jetty for coal storage, Teluk Bayur, Sumatra Barat.
11. Design of jetty, Sangguling.
12. Analysis and design of AY-YUBBA hospital, Bandung.
13. Analysis and design of Irrigation bridge, D.I. Maliana, Timor Timur.
14. Soil investigation of PJKA's railway foundation, Semarang-Surabaya.
15. Analysis and design of Irrigation bridges : Karedok Kiri dan Kanan, Jawa-Barat
16. Investigation of geological and soil foundation of dam, Sulawesi Tenggara.
17. Design of The Ninth Ports Project, DEPERLA, Sulawesi.
18. Analysis and design of 14 Fishery ports, Agriculture Department.
19. Investigation of railways : Cisomang and Cikubang.
20. PBME Consulting Services : Project BENEFIT MONITORING and EVALUATION - Bandung, Semarang dan Surabaya
21. The 12 storey building : Pasific Bank, Surabaya.
22. BARELANG's project : Design of Cable-Stayed bridges, Batam-Nipah-Setoko-Rempang-Rempang Baru.
23. Design of foundation structure shell system, PERTAMINA
24. Design of oil facility, Sembakung, Kalimantan Timur, PT. INDECO
25. Design of SUDIRMAN BUSINESS DISTRICT CENTER (SBDC), Jalan Sudirman, PT. LAPI GANESHATAMA - ITB
26. Analysis and design of airport Banda Naire runway, Departemen Perhubungan Udara
27. Djuanda terminal building development project, Surabaya, Departemen Perhubungan Udara, PT. LAPI ITB dan JAPAN AIRPORT CONSULTANT, Inc.
28. R.S. Husni Thamrin Hospital, 8 floors, Jakarta
29. Mosque structure analysis and design, IPB-Bogor.
30. Eight storey office building, Pasar Minggu, Jakarta
31. Five storey office building, Jl. Alaydrus 19, Jakarta
32. Supermal Gatot Subroto Development Project, PT. PARA, Bandung
33. Belitung Indah Resort project, PT. Meinhardt Indonesia
34. "Second Opinion" Telecommunication tower, PT. TELKOM :
  - PT. TELKOM TOWER PROJECT : "Technical and Management Works Review for Experts Consulting Assignments"
  - Slipform
  - "Quantity Surveyor" dan Value Engineering for TELKOM tower
35. Design of BUNKER
36. Analysis and Design of Istana Kemayoran, Three Towers of 28 - 30 floors, PT. Raka Utama
37. Design of PLN Tower " Jakarta and West Java Substations and Transmission Line Project, Credit Export Stage I", PT. META EPSI ENGINEERING.
38. "Second Opinion" AVSA Well Platform, PAU – ITB
39. Investigation and Structural Collapse, Bank BTN – Cirebon, LPPM – ITB.
40. " Tracer Study and Labor Market Signal fo Higher Education Graduates and Study Skill Profile for Employability ", PT. Multi Area Conindo/PPA Consultants.
41. TUNU North Field Development Project NPU Location, MAHAKAM DELTA AREA : ANALYSIS of SHEET PILE.
42. Investigation and Analysis of Extended Parking Lot Building, PT. Pasaraya.
43. Analysis & Design of Jabung Dam Drainage System, Lower Solo River Improvement, Phase – I, PT. Indah Karya, Surabaya
44. Analysis & Design of Dewhirst's Knitting Factory Compound, Rancaekek, Bandung.
45. Analysis & Design of Lagadar's Knitting Factory Compound, Cimahi, Bandung.
46. Investigation of STS Performances based on structural frequency's analysis, Unocal Indonesia
47. Investigation in analysis dan design of tower structures Televisi Transformasi Indonesia (TRANSTV)
48. Preliminary Design and Structure of Cablestayed Bridge for Sunda Strait, LPPM – ITB
49. Analysis and design of long span bridge Padalarang – Cikampek Roadtoll Project, LAPI – ITB.
50. Proposal of PTIK Campus, LAPI – ITB.

51. Analysis and Design International Ferry Sekupang, Batam . PT. LAPI - ITB
52. Cost Estimate & Preliminary Design of Cable Structure , Sorong, Petro China.
53. Design and Structure of Cablestayed Bridge – Galala Poka, Ambon, PT. Yodya Karya.

**Seminar/Simposium :**

1. Seminar Nasional 75 Tahun Perkembangan Rekayasa Teknik Sipil di Indonesia, Institut Teknologi Bandung, 26-27 Mei 1995, "Elemen Tubular sebagai Alternatif Elemen Struktur Jembatan Bentang Besar"
2. Seminar Artificial Intellegence 7-8 Juni 1994, "Sistem Pakar bagi Penanganan Diskrepansi pada Sistem Informasi Manajemen kantor Depan Hotel".
3. Seminar Rekayasa Teknik Sipil, Universitas Lampung, 6 Mei 1994, "GEMPA dan ANALISIS STRUKTUR GEMPA".
4. Symposium on Computational Methods in Applied Science, 21-22 July 1993, ITB-BANDUNG- Univercity of Twente, the Netherlands, "Mathematical Model in the Treatment of Physical Problem for the Halfspace Carrying a Distributed Interior Load".
5. Seminar Pengembangan Kepariwisata Jambi, LPM-ITB, 1993, Bandung, "Pengembangan Fasilitas Infrastruktur Transportasi Penunjang Pariwisata di Propinsi Jambi".
6. Seminar Artificial Intelegence "Prospek Penggunaan Expert System di Indonesia", 28-29 Nopember 1989, GEDUNG TINGGI : "SISTEM PAKAR BERBASIS PEBFETAHUAN BAGI PRARANCANG STRUKTURAL UNTUK GEDUNG BERTINGKAT BANYAK"
7. Seminar Artificial Intellegence "Pemanfaatan Expert System Dalam Meningkatkan Produktivitas Industri Indonesia ", 7-8 Desember 1990. "PROJECT BENEFIT MINITORING AND EVALUATION SYSTEM"
8. Seminar Rekayasa Geoteknik pada Tanah Lunak, PAU-Ilmu Rekayasa, ITB, 4-5 Juli 1989, Bandung, "Kajian Persamaan Gelombang pada Tiang Pancang"
9. Seminar Transportasi dan Jalan raya, PUSLITBANG JALAN, Bandung, PAVEMENT ON ORGANIC SUBGRADE", 8-9 November 1988
10. Seminar PAU-UI : Komputasi Numerik dan Aplikasi Industri, 24 - 25 Pebruari 1992, "KECERMATAN PENYELESAIAN FUNGSI CUBIC SPLINE untuk PERHITUNGAN VOLUME"
11. Konperensi Geoteknik Indonesia ke-3, Jakarta, Indonesia, November 1985, "Deformation Analysis of a Semi Infinite Solid under Sub-surface Load"
12. Asia-Pasifik Concrete Conference, Pebruari 1986, Jakarta. "A Simplified Method of Concrete Mix Design".
13. 'Seismologi dan Rekayasa Gempa', Seminar, Universitas Tarumanagara, Juli 1987
14. Seminar Komputasi dan Identifikasi Sistem Aero-Elasto-Mekanik, Laboratorium Aerodinamik, Pusat Antar Universitas - Ilmu Rekayasa, ITB, 28-29 Oktober 1987. "Analisis Struktur Stabil Dinamik Beban Angin".
15. Regional Seminar on Computation Methods and Simulation in Engineering, September 30 – October 2, 1997, Institut Teknologi Bandung, Indonesia. " Numerical Integration by Cubic Spline Surface Function"
16. Regional Seminar on Computation Methods and Simulation in Engineering, September 30 – October 2, 1997, Institut Teknologi Bandung, Indonesia. " Stress and Displacement created by a Circular Sliding Contact"

**Publication :**

1. " Stress- Deformation Analysis of a Semi-Infinite Solid under Sub-surface Load ", Konferensi Geoteknik Indonesia ke 3, Jakarta, Indonesia, 22 s/d 23 November 1985.
2. " A Simplified Method fo Concrete Mix Design ", Asia-Pasific Concrete Conference, Februari 1986, Jakarta, Indonesia.
3. " Seismologi dan Rekayasa Gempa ", Seminar, Universitas Tarumanegara, Juli 1987
4. " Analisis Struktur Stabil Dinamik Beban Angin ", Seminar Komputasi dan Identifikasi Sistem Aero-Elasto-Mekanik, Laboratorium Aerodinamik, Pusat Antar Universitas - Ilmu Rekayasa, ITB., 28-29 Oktober 1987.

5. " Pavement on Organic Subgrades ", Second Pasca Sarjana Work-shop on Developments in Highways and Transportation Technology, Institute of Road Engineering, Ujungberung, Bandung, 8-9 November 1988.
6. " Kajian Persamaan Gelombang pada Tiang Pancang ", Seminar Rekayasa Geoteknik pada Tanah Lunak, PAU-Ilmu Rekayasa, ITB, 4-5 Juli 1989, Bandung
7. " FORTRAN77 : Pengenalan, Program dan Terapannya dalam Bisnis, Ekonomi, Rekayasa, Matematika, Statistik, Sains ", Penerbit Erlangga, Jakarta, 1987.
8. " TURBO PASCAL : Pengenalan, Program dan Terapannya dalam Bisnis, Ekonomi, Rekayasa, Matematika, Statistik, Sains ", Penerbit Erlangga, Jakarta, 1988.
9. " DINAMIKA STRUKTUR ", IUC-ITB, Laboratorium Dinamika.
10. " STATIKA ", IUC-ITB, Laboratorium Struktur.
11. " PETUNJUK PERCOBAAN di LABORATORIUM ", Laboratorium Struktur dan Bahan, Jurusan Teknik Sipil ITB.
12. " KONSTRUKSI BETON", Jurusan Teknik Sipil, Fakultas Teknik Sipil dan Perencanaan, Institut Teknologi Bandung.
13. " ANALISIS NUMERIK dalam ILMU REKAYASA", Jurusan Teknik Sipil, Fakultas Teknik Sipil dan Perencanaan, Institut Teknologi Bandung.
14. " TEORI ELASTISITAS ", Diktat, Penerbit ITB
15. " ANALISIS STRUKTUR dengan METODE MATRIK KEKAKUAN", Diktat, Penerbit ITB
16. " METODE ELEMEN HINGGA", Diktat, Program Studi Teknik Sipil - ITB

**Membership :**

1. Anggota PII (Persatuan Insinyur Indonesia), Indonesia.
2. Anggota PATI (Persatuan Ahli Teknik Indonesia), Indonesia.
3. Anggota DP-HAKI (Himpunan Ahli Konstruksi Indonesia)

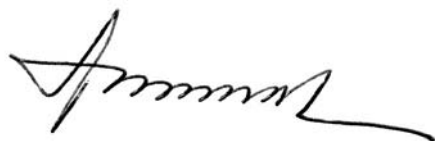
**Professional Permit for Design of Structural System**

Ir. Amrinsyah Nasution, MSCE, Ph.D.

Surat Izin Bekerja Perencana (SIBP) dalam Wilayah Daerah Khusus Ibukota Jakarta

No. : 1996/IBP/KA/DPPB/II-2003

Bandung, 5 April 2005



Prof. Ir. Amrinsyah Nasution MSCE, Ph.D.