

CURRICULUM VITAE



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DATE OF BIRTH: 05th December 1961
NATIONALITY: Sri Lankan
SEX: Male
MARITAL STATUS: Married
QUALIFICATIONS
Educational: B.Sc. (Hons) Engineering Degree (Civil), University of Peradeniya, Sri Lanka – 1985
Professional: Member of the Institution of Engineers, Sri Lanka – 1990

PAPER PUBLICATIONS:

Jan-2012: **“Victoria Dam – Sri Lanka, Manual Operation Criteria for Moderate Flows Over Automated Operations and Thoughts on Modification to Counter Balanced Gates”** paper selected in the publications on 24th ICOLD congress June 2012

Sep-2011: **“Monitoring of Long term expansion (25 years) in Victoria Dam, Sri Lanka, Instrumentation Interpretation”** in the proceedings of International Symposium of Large Dams, Sep-2011, Zhenghou, China

May-2011: **“Victoria Dam after 25 years”** in the SLNCOLD Bulletin of May 2011 Volume

Dec-2002: **“De-silting of Rantembe Reservoir”** in the SLNCOLD Bulletin of Dec 2002

Key Qualifications	
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Present (2013)	Deputy Director, Engineer in Charge, Victoria Hydro electric Project
Jan. 2006	Assistant Director, Engineer in Charge, Victoria Hydro electric Project Project (122 m. high, double arch concrete, 722 MCM, 70 x 3 MW, 6 km. power tunnel) Member of Dam Safety Inspection Team
Nov. 2000 project, to Dec 2005 Fill	Chief Engineer, Randenigala – Rantembe Hydro electric Mahaweli Authority of Sri Lanka (94m high, 485m long Rock Dam and 41.5 m high 415m long Concrete Gravity Dam)
Oct. 1999 TOA Oct. 00	Instrumentation Engineer, Punggol Reclamation Project, Corporation, Singapore
Oct. 98 Sep. 99	Dam Inspection Engineer, Headworks division, Mahaweli Authority, Sri Lanka
Aug. 96 Sep. 98	In Charge, Engineering Division, TOA Coporation of Japan Pulau Semakau Reclamation Project, Jetty Construction Division, Singapore
May 95 July 96	Engineer In Charge, Victoria Project, Headworks Division, Mahaweli Authority, Sri Lanka (480 m. long, 122 m. high, double arch Concrete)
Jan. 94 April 95	Engineer In Charge, Headworks Division, Maduru Oya & NDK Reservoir Project Mahaweli Authority of Sri Lanka (1100 m. long, 40 m. high Rock Fill Dam)
Aug. 90 Dec. 93	Resident Engineer Randenigala/Rantembe Project peripheral developments Central Engineering Consultancy Bureau Site Engineer Rantembe Project, second to Salzgittar Consult Ltd., of Germany (90m high, 500m long Rock Fill Dam and 40m high 540m long Concrete Gravity Dam)
Aug. 89 July 90	Design Engineer, Structural and Design Section, Head Office Central Engineering Consultancy Bureau
May 88 July 89	Deputy Section Engineer, Canyon Hydro Power Project Stage II Power House construction & tunnel lining works, CECB

Aug. 87 Shift Engineer, Polgolla tunnel rehabilitation works, Stage I
April 88 Reservoir bed surveying work, Central Engineering
Consultancy
Bureau

Jan. 86 Site Engineer, Exploratory drilling and preliminary
investigations
July 87 for Samanalaweva Hydro Power Project, seconded to
Nippon Koi
Coporation. Supervision of Engineers camp constructions

Experience

Presently as a Deputy Director Engineer in Charge, Victoria Hydro electric Project, Sri Lanka.

January 2006

Assistant Director, Engineer in Charge, Victoria Hydro electric Project, Sri Lanka.

Responsible to conduct all maintenance & preventive maintenance programs, instrumentations, onsite observations data documentation and implementations of SOP's. Review and monitor the actual operational characteristics, sediment controls of the reservoirs. Coordinate with the water management Secretariat.

Member of the Dam Safety Inspection team visit the site periodically. Liaise with the special inspection teams visiting the site periodically. Preparation of sediment flushing plans for effected reservoirs.

November 00 – December 2005

Chief Engineer, Randenigala – Rantembe Hydro Power Project, Sri Lanka

Responsible for all maintenance & preventive maintenance programs, instrumentations, onsite observations data documentation and implementations of SOP's. Review and monitor the actual operational characteristics of the reservoirs. Coordinate with the water management Secretariat. Liaise with the special inspection teams visiting the site periodically.

In 2002 December, conducted the successful Sediment flushing programme to 40% silted Ranetembe reservoir (11MCM to 7 MCM) to save the turbines from entering the sand, as the reservoir dead storage had been leveled to minimum.

Publish a paper in SLNCOLD Bulletin, December 2003.

Introduced an Emergency Action Plan for Randenigala- Rantembe Dam complex

October 99 – October 00

Punggol Reclamation Project – TOA Coporation, Singapore

Instrumentation Engineer, Responsible for processing, analyzing and preparing reports on instrumentation data and liasing with HDB on instrumentation matters.

October 98 - September 99

Main office, Headworks Division, Sri Lanaka.

Member of the dam inspection team of all seven large dams & reservoirs, Concrete Gravity double arch, rock fill 120m to 40m high and 900 mcm to 10 mcm, administered by this division. Mainly responsible for compiling and analyzing of instrumentation data, maintenance schedules, inspection schedules reservoir controls, sedimentation study etc.,

August 96 – to September 98

Pulau Semakau Off Shore Landfill Reclamation Project – TOA Corporation of Japan – Singapore (Total Project cost 500M S\$)

In Charge Engineering Division of the Jetty Construction under the construction Manager. Jetty 600m long, 60 m. wide concrete structure built on 2300 nos. of pre-cast concrete spun piles driven to sea bed. (Cost of the Jetty is 60M US \$)

Responsible for the structural design checks of the concrete deck and associated beams for loading heavy cranes and other constructional loads. Check bearing capacity of piles driven into the different types of marine soil strata. Advise to the site engineers in technical difficulties, suggestions and alternative proposals in constructional problems.

Liaise with the consultant in technical matters.

Prepare monthly progress claim.

May 95 to July 96 (Including the services in head office, Digana)

Victoria Hydro Power Project, Headworks Division, Mahaweli Authority of Sri Lanka.

Engineer In Charge, Victoria reservoir project. Responsible for all maintenance & preventive maintenance programs, instrumentations, onsite observations, data documentation and implementations of SOP's. Review and monitor the actual operational characteristics of the reservoirs. Coordinate with the water management Secretariat; Liaising with the special inspection teams visiting the site periodically.

General office administration works.

Liaise with the expatriate consultants regarding the Dam Instrumentation and Monitoring consequences.

January 94 – April 95

Maduru Oya & NDK Reservoir Project Headworks Administration Operation & Maintenance Division of Mahaweli Authority of Sri Lanka.

Engineer In Charge of Maduru Oya & NDK reservoir project. Responsible for programming the maintenance & preventative works, instrumentations, onsite observations, data documentation and implementations of SOP's. Review and monitor the actual operational characters of the reservoirs. Coordinate with the water management Secretariat. Liaise with the special inspection teams visiting the site periodically.

General office administration works.

Prepare BOQ, Technical specifications, Tendering and awarding the contracts and monitoring progress.

August 90 – December 93

Randenigala & Rantambe projects, Central Engineering consultancy Bureau.

Resident Engineer on peripheral development works of Randenigala and Rantambe projects. Preliminary studies for the rehabilitation of small irrigation structures, constructions supervision of the new road net works and infrastructures in the project area. Liaise with the Head office and the client.

Construction supervision of Kandy-Giradurukotte major highway (16m. long 7m. wide) Section F. Quality control & monitor the progress.

Tendering and awarding the contractors for the works directly handled from the Resident Engineer's office.

Construction supervision of Kurunduoya bridge rehabilitation works, jointly with the Salzgittar consult GMBH of Germany.

Site Engineer, Dam Concrete Division, Supervision of concrete works, quality controlling and measurement. Liaise with the Main Contractor.

August 89 – July 90

Design office, Central Engineering consultancy Bureau.

Attach to the Head Office structural & Design unit as design Engineer. Design of the reinforced concrete Basement Slab and 22 m long post tension beam for the "Sthupa" at Kotmale Project. Prepare cost estimates, tender drawing and tender documents.

May 88 – July 89

Canyon Hydro Power Project Stage II, Central Engineering consultancy Bureau.

Deputy Section Engineer on power house construction works. Responsible for the site supervision of rock excavation, reinforced concrete foundations and supervision of reinforcements and concreting in the power house building, draft tube area, tail canal,

penstock anchor blocks, switch yard and transformer bases etc. Liaise with the design office, civil and electro mechanical contractors.

Responsible for the construction supervision of repairing and steel lining works in the low pressure tunnel. Placing & aligning the steel cans and concrete pumping works. Monitoring the progress, quality controlling and checking the claims etc.,

August 87 – April 88

Polgolla Tunnel rehabilitation works stage I, Central Engineering Consultancy Bureau.

Site Engineer on supervision of dewatering and refilling operations, removal of fallen rock, rock scaling, rock bolting Epoxy repairing to eroded concrete lined areas, shot creating to unlined areas etc., Monitoring the progress, quality controlling, measurements and checking the progress claims.

Underwater survey for the investigation of sedimentation levels in the Polgolla reservoir bed.

January 86 – July 87

Samanalawewa Hydro Power Project, Central Engineering Consultancy Bureau.

Civil Engineer on exploratory drilling and preliminary investigation works for the Saamanalawewa project seconded to Nippon Koi Corporation of Japan. Supervision of preliminary survey works of the penstock trace and power house area.

Construction supervision of houses and infrastructure facilities in the Engineer's camp

December 84 – February 85

Trainee Engineer – State Engineering Corporation, Sri Lanka

Attach to the site for Construction of three storied Public Library Building site in Kurunagala. Supervision of the construction works, preparation of measurement sheets and monthly progress report.

August 82 – October 82

Trainee Engineer, Highway Department, Sri Lanka

Survey, level works and preparation of the cross section drawings, longitudinal sections and estimates.