



Praveen Tharuka Chandrapriya

BSc.(Hons) Material Science and
Engineering(UG)
University of Moratuwa

My Contact

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About Me

Proficient in polymer science, metallography, management, destructive and non-destructive testings; highly motivated; has an impressive academic record. Keeping up with academics while refining my talents in teamwork and situational control through rugby and handball. An enthusiastic student of materials science and engineering with a particular interest in rubber processing, polymer technology, metallography, and high-performance applications. Seeking for opportunities to launch my industrial career.

Hard Skill

- Research and Data Analysis
- Auto-CAD
- Destructive and non-destructive test
- Polymer process and manufacturing process
- Metal process and manufacturing process

Soft Skill

- Decision making
- Communication
- Multi-tasking
- Leadership
- Management
- Adaptability

Work Experience

S-Lon Lanka Pvt(Ltd.) (Jan 2023-July 2023)

Trainee in Material Science Engineering

- Basic polymer process and manufacturing
- Quality control, Quality assurance and Quality testing
- 5S management technique
- Internal and external auditing process and laboratory accreditation process

Educational Background

- **B.Sc. Engineering (Hons) in Material Science and Engineering, University of Moratuwa (2020 - Present)**
 - Current GPA - 3.463
 - Minor degree in Entrepreneurship
- **Secondary Education - D. S. Senanayake College, Colombo 07 (2009 - 2018)**
 - GCE A/L -Physical Science Stream (2018)
 - Results - 3 Distinctions (Z Score - 2.142)
 - GCE O/L Examination (2014)
 - Results - 8 Distinctions & 1 Very good pass
- **Diploma in Human Resource Management, University of Hertfordshire, United Kingdom (Ongoing)**
- **Diploma in Business Management, University of Hertfordshire, United Kingdom (Ongoing)**
- **Certificate in English language(CCEL)- Higher level, University of Colombo -IHRA (2020 - 2021)**
 - Completed with a merit pass
- **Certificate in English, Language Center Educational Sesibility Circle (2015)**
 - Successfully completed with an "A" pass
- **Certificate in Computer science, National Institute of Business Management(NIBM) (2015)**
 - Completed with a merit pass

Extra curricular Activities

- Engineering Faculty Student Union, University of Moratuwa (2022–2023), Union Representative of the 19th batch (1 of 13 members out of 5000 undergraduates)
- The EXMO Technological Exhibition of the University of Moratuwa
 - Organizing committee
 - Demonstrator
- Handball
 - U-18 Plate Runners-Up
 - U-16 Cup Runners-Up
 - U-18: Member of the National Handball Team (2015–2016)
 - Member of the Old Senanayakian's Handball Team (2018–present)
- Active Member of the Nature Team of UOM (2021–present)
- University Rugby Team (2020–2023)
- Active Member of the Journal Club of UOM (2020–present)
- Active Member of the Society of Material Engineering Students (2020–present)
- Science Society of D.S. Senanayake College (2016–2017)
 - Committee member
- Team Player on the School Volleyball Team (2010–2015)

Interest

- Hand ball
- Volley ball
- Hiking
- Travelling
- Music
- Movies and TV series
- Fitness
- Nature

Professional Certificates

- **Certificate in Human Resource Management, Global Academy of Professional Studies (2023)**
 - Completed with merit pass
- **Professional certification in Project Management by Microsoft and LinkedIn (2024)**
- **Professional certification in Business Analysis by Microsoft and LinkedIn (2024)**
- **Professional certification in Administrative Assistance by Microsoft and LinkedIn (2024)**
- **Professional certification in Sustainable Technology by Microsoft and LinkedIn (2024)**

Specializations

1. Six Sigma Yellow Belt- University Systems of Georgia (2024)

- a. Six Sigma Principles
- b. Six Sigma Tools for Define and Measure
- c. Six Sigma Tools for Analyze
- d. Six Sigma Tools for Improve and Control

2. Strategic Management and Innovation - Copenhagen Business School of Denmark (2024)

- a. Strategic Management
- b. Strategy Formulation
- c. Strategy Implementation
- d. Strategic Management - Capstone Project

3. Influencing: Storytelling, Change Management and Governance - Macquarie University of Australia (2024)

- a. Leading Transformation
- b. Negotiation Skills
- c. Storytelling and Influencing
- d. Risk Governance

4. Human Resource Management and Leadership Specialization- Macquarie University of Australia (2024)

- a. Organizational Design
- b. Organizational Behavior
- c. Adapt Your Leadership Style
- d. Visionary Leadership, identity, and motivation

5. Sustainable Cities Specialization- Johns Hopkins University of United States (2024)

- a. Sustainable Neighborhoods
- b. Sustainable Regional Principles, Planning and Transportation
- c. Sustainable Transportation Networks and Streetscapes
- d. Transportation, Sustainable Buildings, Green Construction

References

Mr. K.J.P. Fernando

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Projects

Projects Completed as an Undergraduate

- 1. Gearbox design for an automobile**
(Semester 4 - Group project)
- 2. Gemstone identification using portable Raman spectrometer**
(Semester 5 - Group project)
- 3. Literature review on long lasting glass based digital data storage**
(Semester 3 - Group project)
- 4. Water controlling system**
(Semester 2 - Group project)
- 5. Abdominal exercise machine design**
(Semester 4 - Individual project)
- 6. Wire drawing system design**
(Semester 7 - Group project)
- 7. Develop and synthesis of a fluoride varnish for dental applications**
(Ongoing - Final Year Group project)

Projects Completed During Internship Period

- 1. Halogen free conduit pipe design**
(Individual project)
- 2. Produce of a new garden hose analyzing current market**
(Individual project)
- 3. Design of a PVC based coating for Barb wire**
(Individual project)
- 4. Development of a new adhesive for PVC sheets**
(Individual project)
- 5. Design of a hydroponic water system for cultivation**
(Individual project)