

CURRICULUM VITAE

PERSONAL DETAILS

Dr Chandan BOODHOO

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AWARD AND SCHOLARSHIPS

1. **National Research Week for the Higher Education Sector 2019**
Best Presenter Award in the field of Education
2. **University of Waikato Doctoral Completions Scholarship 2018**
3. **New Zealand (NZ) Commonwealth Scholarship and Fellowship Plan 2014**
To study Doctor of Philosophy in Education March 2015 to August 2018
4. **New Zealand Commonwealth Scholarship and Fellowship Plan 2008**
To study Post Graduate Diploma in Education (2009) and Master of Education (2010)

QUALIFICATIONS

- 1) **Doctor of Philosophy** at the **University of Waikato, NZ** – 2018
Assessment for learning in Design and Technology: An ethnographic study in Mauritius state secondary schools
- 2) **Directed Study Research** at the **University of Waikato, NZ** – 2015
Assessment for learning in Technology Education: A literature review
- 3) **Master of Education** at the **University of Waikato, NZ** (*First Class Honours*) – 2010
 - (a) Educational Assessment;
 - (b) Educational Leadership: Issues and Perspectives;
 - (c) Innovations in Science, Technology or Environmental Education;
 - (d) Technology Education.
- 4) **Post Graduate Diploma in Education** at the **University of Waikato, NZ** (*Distinction*) – 2009
 - (a) Curriculum, Policy and Possibilities;
 - (b) Early Years: Curriculum and Assessment;
 - (c) Educational Leadership: Organisational Development;
 - (d) Educational Research Methods.
- 5) **Post Graduate Certificate in Education** at the **Mauritius Institute of Education** – 2008
Design and Technology (*GPA 3.42*)
- 6) **Degree of Bachelor of Engineering in Manufacturing Engineering** at the **University of Mauritius** (Second Class Honours in First Division) – 2003
- 7) **Higher School Certificate** (A-Level Cambridge International Examination) – 1997/1996
Main subjects: Mathematics; Design and Technology and Physics
Subsidiary subjects: General paper and French
- 8) **School Certificate** (O-Level Cambridge International Examination) – 1994/1993
Subjects: English; French; Mathematics; Additional Mathematics; Design and Communication; Design and Technology; Physics and Hindi

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EMPLOYMENT EXPERIENCES

1. Lecturer:

(a) **Mauritius Institute of Education** (MIE) (F/T) – November 2012 till date.

(i) **Department of Curriculum Studies and Evaluation**

Modules taught/Moderated: Curriculum Studies; Assessment and Evaluation; Professional Practice Seminars; Peer Micro Teaching (Certificate to Post Graduate Certificate in Education-PGCE).

Teaching Practice: In-service and aspiring teachers (Early childhood to PGCE)

Dissertation supervision: Bachelor of Education to Master of Education (M.Ed.)

Departmental Responsibilities: Research coordinator (2019-2022); Head of Department (10-19 December 2019); Member of B.Ed. (Secondary) research and professional practice sub-committees; Course & Module Coordinator: B.Ed. (Secondary), B.Ed. (Primary), Post Graduate Certificate, Teachers' Diploma

School Responsibilities: Member of the Research Unit (2019-2020)

(ii) **Department of Special Education Needs**

Modules taught: Curriculum Development & Instructional Planning (Certificate in Special Education)

(iii) **Higher Studies Cell**

Modules taught/Moderated: Learning and Teaching in Higher Education; Assessment and Feedback in Higher Education (Post Graduate Diploma)

(iv) **Recognition of Prior learning**

Modules prepared: Curriculum Studies; Education Studies (Teacher Certificate Primary)

(v) **Curriculum Framework**

Contributor: Early Childhood Education Pre-Primary: Age 3 to 5 (2019)

(b) **Open University of Mauritius** (P/T)

Module taught: Curriculum Development (Master of Education/M.Ed. Leadership & Management) 2020; Assessment and Evaluation in Education (M.Ed./M.Ed. in L & M) 2020; Curriculum and Pedagogy in Early Childhood (Bachelor of Education) 2020; Assessment Practices in Early Childhood (Bachelor of Education) 2014.

Module Moderated: Assessment Practices in Early Childhood Education (Bachelor of Education) 2020; Comparative Education (M.Ed./M.Ed. L & M) 2020.

Dissertation supervision: M.Ed. 2020

(c) **Mauritius Institute of Education** (P/T) – January 2011 to October 2012

Modules taught: Curriculum Studies (Postgraduate and Degree)
Assessment & Evaluation (Postgraduate, Degree and Diploma)

2. Educator: Design and Technology (D&T) and Physics

(a) Ministry of Education and Human Resources (F/T)- Taught D&T

Sir Abdool Raman Osman State College – January 2008 to November 2012

Bambous State Secondary School – January 2005 to December 2007

(b) Rodrigues Educational Development Company (F/T)- Taught D&T and Physics

Grande Montagne College – June 2003 to December 2004

3. **Trainee Engineer** (F/T) at ABC Motors Ltd – November 2005 to December 2005

4. **Trainee** (P/T) at Natec Medical Limited – July 2002 to March 2003

5. **Trainee** (F/T) at EDCC Consultancy Co Ltd – January 2002 to June 2002

6. **Production & Planning Clerk** (F/T) at POCAMO Ltd – July 1998 to March 1999

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SHORT COURSES

- National Table-Tennis Umpire – (International Table Tennis Federation- 2012)
- Glass cutting, Lead-lighting, Copperfoil, Glass mosaics – (2010)
- N-Step Certificate Level One (Nissan Automobile Technician) – (2005)
- Personality Development & Leadership Training Course (3 months course – 1998)
- Vocal Hindustani Music Certificate – 1999
- Computer-Aided Drafting and Design – AutoCAD 2D (50 hrs – 1999)
- Hindi Certificate (Madhyama) – 1998

PROFESSIONAL LEARNING AND DEVELOPMENT

- **Assessment in Higher Education: Professional Development for Teachers** (2020) via Coursera
- **Design Thinking** (12 hrs in 2019) by NPCC
- **Atelier sur l'androgogie** (8 au 12 Avril 2013: 24 heures) par L'Organisation Internationale de la Francophonie.
- **Teaching at the Tertiary level** (10 days workshop in 2010 at the University of Waikato, NZ: Facilitating laboratory and practical classes; Teaching for diversity; Maximising learning in large group contexts; The marking process; Designing assessment tasks to promote learning; Introduction to tutoring; Principles of assessment; Evaluating your teaching; Research and teaching; Developing students' learning skills
- **Web Page Design** (one-week workshop – 2004)

CURRICULUM MATERIALS WRITE UP

Readers for Diploma in Primary Teacher Education – 2015 (MIE)

- (a) Assessment and Evaluation
- (b) Curriculum Studies

PROJECT

Member of the Editorial Committee - *National Skills Development Strategy 2020-2024* – Project initiated by the Human Resource Development Council (HRDC) 2018-2019.

ACTIVITIES

- Member of Organising Committee: World Disability Day, 5 December 2019, MIE/Special Education Needs Authority (SENA).
- Crew Member: Flying with Animals, 25-29 March 2015, Balloons over Waikato, NZ
- Treasurer: Cinq Arpents Force Vive, Phoenix: 2011-2014
- Treasurer: Parents Teachers' Association, Sir Abdool Raman Osman State College: 2008
- Assistant Treasurer: Cinq Arpents Shri Triambakeswar Nath Mandir. 2007-08; 2013-14
- Treasurer: Cinq Arpents Shri Triambakeswar Nath Mandir, Phoenix: 2011-2012

REVIEWER (ABSTRACTS, PAPERS & LEARNING RESOURCES)

- **Tertiary Education Commission** – 2020
Abstracts review
- **TENZ/ICTE Conference** – 2017
Papers review
- **Open University of Mauritius** – 2013

CURRICULUM VITAE

Open and Distance Learning Material for Bachelor of Education (Hons) Early Childhood
Education and Care (Assessment Practices in Early Childhood)

CONFERENCES/SYMPOSIUMS: Member of Organising Team

Conference: SMTE International Conference 2019

6 to 9 November 2019 Reduit, Mauritius

Symposiums: TEMS Graduate Symposium, University of Waikato, New Zealand.

(a) November 2017; (b) November 2016 and (c) October 2015

Conference: The National Conference of Technology Education New Zealand.

4 to 7 October 2015 Hamilton, New Zealand

ARTICLES/CONFERENCES/SYMPOSIUMS

Boodhoo, C. (2019). Enhancing a Design and Technology teachers' 'assessment for learning' practices: A case study. Paper presented at the Science, Mathematics and Technology Education (SMTE) Conference, Reduit, Mauritius.

Boodhoo, C. (2019). Teaching technology teacher education—Assessment best practice. In M. A. Peters (ed.), *Encyclopedia of Teacher Education*. Singapore, Springer.
https://doi.org/10.1007/978-981-13-1179-6_163-1

Boodhoo, C. (2017, November). *Teachers' 'assessment for learning' practices: Unfulfilled promises of partnership*. Paper presented at the New Zealand Association for Research in Education (NZARE) Conference, Hamilton, New Zealand.

Boodhoo, C. (2017, November). *Exploring teachers' 'assessment for learning' practices in three classrooms*. Paper presented at the Technology Environment Mathematics and Science (TEMS) Education Research Centre Graduate Symposium, Hamilton, New Zealand.

Boodhoo, C. (2017, October). *Assessment for learning in Design and Technology: A discussion on observations and artefacts in three classrooms*. Paper presented at the FoE Postgraduate Global Connections Symposium, Hamilton, New Zealand.

Boodhoo, C., McLachlan, C., & Williams, P. J. (2017, October). *Teachers' perceptions of assessment in Design and Technology*. In P. J. Williams (Ed), *Technology: An holistic approach to education* (pp. 9–21). Waikato, New Zealand: Technology Environmental Mathematics and Science (TEMS) Education Research Centre, University of Waikato.

Boodhoo, C. (2017). Unfurling the PhD process: A Reflexive account of key stages and strategies. *Waikato Journal of Education*, 22(2), 35–45. <https://doi.org/10.15663/wje.v22i2.565>

Boodhoo, C., & Williams, P. J (2016). Assessment in Design and Technology: An analysis of teachers' practices. In H. Middleton (Ed.), *Creating contexts for Learning in Technology Education* (pp. 23–30). Queensland, Australia: Griffith University.

Boodhoo, C. (2016, October). *Design and Technology teachers' perspectives on assessment for learning*. Paper presented at the Technology Environment Mathematics and Science (TEMS) Education Research Centre Graduate Symposium, Hamilton, New Zealand.

Boodhoo, C. (2016, October). *D&T teachers' AfL practices: Personal challenges and motivating experiences encountered during data collection*. Paper presented at the FoE Postgraduate Global Connections Symposium, Hamilton, New Zealand.

Boodhoo, C. (2015, April). *Examining Design and Technology teachers' assessment for learning practices*. Paper presented at the MA Post Graduate Research Conference, Reduit, Mauritius.

Boodhoo, C. (2015, November). *Teachers' assessment and some issues in assessment*. Paper presented at the Faculty of Education (FEDU) Doctoral Student Symposium, Hamilton, New Zealand.

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Boodhoo, C. (2015, October). *Assessment for learning in Design and Technology: A multi-case study in Mauritius secondary schools*. Paper presented at the Technology Environment Mathematics and Science (TEMS) Education Research Centre Graduate Symposium, Hamilton, New Zealand.

Boodhoo, C., & Williams, P. J. (2015, October). *Assessment in Design and Technology (DT) in Mauritius*. Paper presented at the Technology Education New Zealand (TENZ) Conference, Hamilton, New Zealand. Available at <http://tenzcon.org/wp-content/uploads/2016/02/Boodhoo-Williams-Assessment.pdf>

REFEREES

Professor Claire McLachlan

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Federation University | Australia
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Professor P John Williams

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Curtin University | Australia
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