

CURRICULUM VITAE

1. PERSONALS

Full Name : Suntharalingam Thirukkanesh

Permanent address : 120/6, Central Road,
Batticaloa,
Sri Lanka.

Academic post : Senior Professor in Mathematics

Official address : Department of Mathematics,
Faculty of Science,
Eastern University of Sri Lanka,
Chenkalady,
Sri Lanka.

E – Mail address : thirukkanesh@esn.ac.lk

Date of birth : 22th January 1968

Place of birth : Kurukkalmadam, Batticaloa, Sri Lanka.

Sex : Male.

Religion : Hindu.

Nationality : Sri Lankan.

Civil status : Married.

2. CAREER SUMMARY

My academic career began on 1st August 1997 as a Lecturer (Prob.) in Mathematics in the Department of Mathematical Sciences, being the First academic staff in Mathematics, to initiate the academic programme of the newly formed Faculty of Applied Sciences at South Eastern University of Sri Lanka (SEUSL). I started my postgraduate research career in 2002 at the School of Mathematics, Statistics and Computer Science, University of Natal, South Africa, and completed my Master of Science (by Research) with Distinction in 2003 and was confirmed in my position. On the humanitarian ground base on my family commitment, SEUSL generosity released me to continue my academic

career in the same position at the Department of Mathematics, Faculty of Science Eastern University, Sri Lanka (EUSL) with effect from 1st April 2005. Then I started my Ph.D. studies in 2007 at the School of Mathematics, Statistics and Computer Science, University of KwaZulu-Natal, South Africa, and completed in 2009 and was promoted to the post of Senior Lecturer Grade II with effect from 3rd March 2009. I earned my promotion to the post of Senior Lecturer Grade I with effect from 3rd March 2015. Teaching, research, scholarship, and committed service earned me the promotion to the position of Professor in Mathematics with effect from 28th December 2015. Finally, I was promoted as a Senior Professor in Mathematics with effect from 28th December 2023.

During my academic career, I have been actively engaged in research and published 39 articles in the journals indexed by Science Citation Expanded (Web of Science) with significant research influence (**1018 citations** by SCI journals with ***h*-Index 18** by Web of Science), which has earned me **Ten times “President’s Award for Scientific Research”** for the years 2008, 2009, 2014, 2015, 2016, 2017, 2018, 2019 and Twice in 2020; and **Three times NRC Merit Award for Scientific Publication** for the years 2010, 2012 and 2013. I would also like to note that there are **1428 citations** in google scholar with ***h*-index 20** and **i10 -index 32**. I was named to the **Asian Scientist 100** list for 2024 by *Asian Scientist magazine*, which is published in Singapore. I was also awarded the **Investigator Driven NRC Grants-2018** (Grant No. 18-077) for the project entitled "Modeling and description of compact astrophysical objects using Einstein’s field equations" and completed the project successfully. I served as the supervisor for a doctoral student, whose research was supported by a research assistant's allowance through NRC Grant No. 18-077. This thesis resulted in three publications in highly reputed, indexed journals.

Apart from my teaching and research, I had engaged in academic administration such as Head/ Mathematics; Chairman/ Curriculum Review Committee; Chairman Bond Recovery Review Committee, Students Counsellor, and Academic Counsellor at EUSL. Also, I have been serving as the Chairman, Postgraduate Board of Study of Sciences at EUSL. I served as the Academic Coordinator for the Department of Mathematical Sciences and Subject Coordinator/ Mathematics at SEUSL.

I have enjoyed my academic career as a teacher, researcher and academic administrator. I have experienced the respect by the academic community: I was the two times faculty nominee to the Senate, EUSL and the Senate nominee to the Council EUSL for one term.

3. EMPLOYMENT HISTORY

- 28th December 2013 to date - **Senior Professor in Mathematics**, Department of Mathematics, Faculty of Science, EUSL.
- 28th December 2015 to 27th December 2015 - **Professor in Mathematics**, Department of Mathematics, Faculty of Science, EUSL.
- 3rd March 2015 to 27th December 2015 - **Senior Lecturer Grade I in Mathematics**, Department of Mathematics, Faculty of Science, EUSL.
- 3rd March 2009 to 2nd March 2015 - **Senior Lecturer Grade II in Mathematics**, Department of Mathematics, Faculty of Science, EUSL.
- 1st April 2005 to 2nd March 2009 - **Lecturer in Mathematics**, Department of Mathematics, Faculty of Science, EUSL.
- 1st August 1997 to 31st March 2005 - **Lecturer in Mathematics**, Department of Mathematical Sciences, Faculty of Applied Science, SEUSL.
- 30th June 1997 to 31st July 1997 - **Temporary Lecturer in Mathematics**, Department of Mathematical Sciences, Faculty of Applied Science, SEUSL.
- 29th May 1995 to 29th June 1997 - **Temporary Assistant Lecturer in Mathematics**, Department of Mathematics, Faculty of Science, EUSL.

4. EDUCATIONAL BACKGROUND

Degree : Doctor of Philosophy

Award by : School of Mathematics, Statistics and Computer Sciences,
University of KwaZulu-Natal,
Private bag X54001,
Durban 4000, South Africa.

Date of graduation : 03-03-2009.
Subject area : General Relativity
Title of the thesis : New Analytical Stellar Models in General Relativity
Supervisor : Prof. S. D. Maharaj

Degree : Master of Science *cum laude (Distinction)*
Award by : School of Mathematical Sciences,
University of Natal,
Durban 4041, South Africa.
Date of graduation : 14-03-2003.
Subject area : General Relativity
Title of the thesis : Interior Models for Relativistic Stars
Supervisor : Prof. S. D. Maharaj & Prof. J. Banasiak

Degree - : B.Sc (Hon.) (Bachelor of Science, Special in Mathematics)
Award by : Faculty of Science,
Eastern University, Sri Lanka,
Chenkalady,
Sri Lanka.
Date of award of degree : 1st April 1995
Class : Upper Second class
Medium of study : English

Teaching qualification / accreditation:

Successfully completed the '*Certificate in Teaching in Higher Education*' course, at Staff Development Centre, University of Colombo, Sri Lanka.

5. AWARDS / SCHOLARSHIPS RECEIVED

Awards Received for Research:

- Named to the **Asian Scientist 100** list for 2024 by Asian Scientist magazine, published in Singapore.
<https://www.asianscientist.com/scientist/suntharalingam-thirukkanesh/>
<https://www.asianscientist.com/as100/>

- **Award for Excellence in Research and Innovation for Driving Global Impact-2023** for the best global impact on research and innovation over the period 2017 – 2021 (Awarded on 5th October 2024 at the General Convocation of the Eastern University, Sri Lanka)
- **President's Award for Scientific Research** for the best 100 papers published in prestigious journals in the **year 2020** where a significant contribution had been made by scientists working in Sri Lanka (awarded on 21st November 2023 at the Sirimavo Bandaranaike Memorial Exposition Centre, Bandaranaike Memorial International Conference Hall, Colombo 07). **Two awards received for year 2020 publications.**
- **President's Award for Scientific Research** for the best 100 papers published in prestigious journals in the **year 2019** where a significant contribution had been made by scientists working in Sri Lanka (awarded on 21st November 2023 at the Sirimavo Bandaranaike Memorial Exposition Centre, Bandaranaike Memorial International Conference Hall, Colombo 07).
- **President's Award for Scientific Research** for the best 100 papers published in prestigious journals in the **year 2018** where a significant contribution had been made by scientists working in Sri Lanka (awarded on 6th April 2021 at an online event held at the Auditorium of Sri Lanka Institute of Architects).
- **President's Award for Scientific Research** for the best 100 papers published in prestigious journals in the **year 2017** where a significant contribution had been made by scientists working in Sri Lanka (awarded on 26th August 2019 at the Taj Samudra Hotel, Colombo).
- **President's Award for Scientific Publications** for highly rated scientific research published in the **year 2016** (awarded on 19th Nov 2018 at the Grand Marquee, Taj Samudra, Colombo).
- **President's Award for Scientific Publication** for highly rated scientific research published in the **year 2015** (awarded on 6th November 2017 at the Grand Marquee, Taj Samudra, Colombo).
- **President's Award for Scientific Publication** for highly rated scientific research published in the **year 2014** (awarded on 22nd November 2016 at Grand Ballroom, Waters Edge, Battaramulla).
- **NRC Merit Award for Scientific Publication** by National Research Council, Sri Lanka for scientific research published in the **year 2013**.
- **NRC Merit Award for Scientific Publication** by National Research Council, Sri Lanka for scientific research published in the **year 2012**.
- **NRC Merit Award for Scientific Publication** by National Research Council, Sri Lanka for scientific research published in the **year 2010**.

- **President's Award for Scientific Publication** for rated scientific research published in the **year 2009** in international journals cited in the Science Citation Indexed Expanded (awarded on 17th January 2014 at a ceremony held at Grand Ballroom, Waters Edge, Battaramulla).
- **President's Award for Scientific Publication** or rated scientific research published in the **year 2008** in international journals cited in the Science Citation Indexed Expanded (awarded on 17th January 2014 at a ceremony held at Grand Ballroom, Waters Edge, Battaramulla).
- **Vice-Chancellor's Award – 2022** for Output Based Research for the year 2020.
- **Vice-Chancellor's Award – 2022** for Output Based Research for the year 2019.
- **Vice-Chancellor's Award – 2022** for Output Based Research for the year 2018.

Awards Received as Postgraduate Student:

- **'NRF Doctoral grand-holder bursary'** awarded by the National Research Foundation (NRF) of South Africa for the years 2007 and 2008 (only 5% is chosen from overseas students).
- **Member of Golden Key International Honour Society** (Membership is by invitation only and based solely on academic merit): I was placed within the top 15% of students for my Ph.D. research work at the University of KwaZulu-Natal, South Africa.

Grants Received:

Investigator Driven National Research Council Grants-2018 (Grant No. 18-077) for the project entitled "Modelling and description of compact astrophysical objects using Einstein's field equations"

The project was successfully completed and equipment purchased from this grant were transferred to the Department of Mathematics, EUSL.

6. RESEARCH AND CREATIVE WORK

Research articles published in journals indexed by Web of Sciences (Science Citation Indexed Expanded)

- 1 **Thirukkanesh, S., Maharaj, S.D. & Sharma, R.** Anisotropic generalization of charged isotropic spheres with double equation of state. *Eur. Phys. J. C* **84**, 872 (2024). <https://doi.org/10.1140/epjc/s10052-024-13199-2>

- 2 Nasheeha, R.N., **Thirukkanesh, S.** & Ragel, F.C. Core-envelope polytropic star with distinct polytropic indexes. *Indian J Phys* **98**, 411–421 (2024).
<https://doi.org/10.1007/s12648-023-02857-y>
- 3 **Thirukkanesh, S.**, Ghosh, A. & Sharma, R. A physically viable model for a compact star and its compactness bound. *European Physical Journal Plus* **138**, 588 (2023).
<https://doi.org/10.1140/epjp/s13360-023-04216-6>
- 4 Soumik Bhattacharya, **Suntharalingam Thirukkanesh**, and Ranjan Sharma, Properties of relativistic star in 5D Einstein–Gauss–Bonnet gravity, *Modern Physics Letters A* **38**, (2023) 2350018 (14 pages).
- 5 **Thirukkanesh, S.**, Saparamadu, I., Sharma, R. *et al.* Models for charged relativistic spheres via hyper-geometric equations. *Pramana - J Phys* **96**, 183 (2022).
- 6 Nasheeha, R.N., **Thirukkanesh, S.** & Ragel, F.C. Anisotropic models for compact star with various equation of state. *The European Physical Journal Plus* **136**, 132 (2021).
- 7 **Thirukkanesh, S.**, Bogadi, R.S., Govender, M. *et al.* Stability and improved physical characteristics of relativistic compact objects arising from the quadratic term in $p_r = \alpha p^2 + \beta p - \gamma$. *The European Physical Journal C* **81**, 62 (2021).
- 8 Thirukkanesh, S., Sharma, R. & Das, S. Model of a static spherically symmetric anisotropic fluid distribution in paraboloidal spacetime admitting a polytropic equation of state. *The European Physical Journal Plus* **135**, 629 (2020).
- 9 Anand Kaisavelu, **S. Thirukkanesh**, Megan Govender and S.D. Maharaj, The impact of spheroidicity on the stability of polytropic spheres, *Annals of Physics*, 419 (2020) 168215
- 10 **S. Thirukkanesh**, Anand Kaisavelu and Megan Govender, A comparative study of the linear and colour-flavour-locked equation of states for compact objects, *The European Physical Journal C* (2020) 80:214.
- 11 R. N. Nasheeha, **S. Thirukkanesh** and F. C. Ragel, Anisotropic generalization of isotropic models via hypergeometric equation, *The European Physical Journal C* (2020) 80:6.
- 12 **S. Thirukkanesh**, Ranjan Sharma and Sunil D. Maharaj, Anisotropic generalization of Vaidya-Tikekar superdense stars, *The European Physical Journal Plus* (2019) **134**: 378.
- 13 F. C. Ragel and **S. Thirukkanesh**, General relativistic model for mixed fluid sphere with equation of state, *The European Physical Journal C* (2019) 79:306.

- 14 **S.Thirukkanesh**, F. C. Ragel, Ranjan Sharma and Shyam Das, Anisotropic generalization of well-known solutions describing relativistic self-gravitating fluid systems: an algorithm, *The European Physical Journal C* (2018) 78:31
- 15 Ranjan Sharma, Shyam Das and **S. Thirukkanesh**, Anisotropic extension of Finch and Skea stellar model, *Astrophysics and Space Science*, **362**:232 (2017)
- 16 N F Naidu, M Govender, **S Thirukkanesh** and S D Maharaj, Radiating fluid sphere immersed in an anisotropic atmosphere, *General Relativity and Gravitation*, **49**(7) 95 (2017)
- 17 **S Thirukkanesh** and F C Ragel, A realistic model for charged strange quark stars, *Chinese Physics C*, 41(1) 015102 (2017)
- 18 **S Thirukkanesh** and F C Ragel, Charged analogue of well behaved neutral spheres: An algorithmic approach, *Chinese Physics C*, **40**(4) 045101 (2016)
- 19 M Govender and **S Thirukkanesh**, Anisotropic static spheres with linear equation of state in isotropic coordinates, *Astrophysics and Space Science*, **358**:39 (2015)
- 20 **S Thirukkanesh**, M Govender and D. B. Lortan, Spherically symmetric static matter configurations with vanishing radial pressure, *International Journal of Modern Physics D*, 24 1550002 (11 pages) (2015)
- 21 M Govender and **S Thirukkanesh**, Causal heat flow in Bianchi type-V Universe, *Modern Physics Letters A*, **29** 1450071 (9 pages) (2014).
- 22 **S Thirukkanesh** and F C Ragel, Hypergeometric equation in modeling relativistic isotropic sphere, *International Journal of Theoretical Physics*, **53** 1188 – 1200 (2014)
- 23 **S Thirukkanesh** and F C Ragel, Anisotropic compact sphere with Van der Waals equation of state, *Astrophysics and Space Science* **354** 415-420 (2014) DOI 10.1007/s10509-014-1883-1.
- 24 **S Thirukkanesh** and F C Ragel, Anisotropic spheres with Van der Waals-type equation of state, *PRAMANA- journal of Physics*, **83** 83-93 (2014).
- 25 **S Thirukkanesh** and F C Ragel, Strange star model with Tolmann IV type potential, *Astrophysics and Space Science* **352** 743–749 (2014) DOI 10.1007/s10509-014-1960-5.
- 26 **S Thirukkanesh** and M Govender, The role of the electromagnetic field in dissipative collapse, *International Journal of Modern Physics D*, **22** 1350087 (15 pages) (2013).
- 27 **S Thirukkanesh** and F C Ragel, A class of exact strange quark star model, *PRAMANA- journal of Physics*, **81** 275 - 286 (2013).

- 28 **S Thirukkanesh**, S Moopanar and M Govender, The final outcome of dissipative collapse in the presence of Λ , *PRAMANA- journal of Physics*, **79** 223 -232 (2012).
- 29 **S Thirukkanesh**, S S Rajah and S D Maharaj, Shearing radiative collapse with expansion and acceleration, *Journal of Mathematical Physics*, **53** 032506 (2012).
- 30 **S Thirukkanesh** and F C Ragel, Exact anisotropic sphere with polytropic equation of state, *PRAMANA- journal of Physics*, **78** 687 -696 (2012)
- 31 **S Thirukkanesh** and S D Maharaj, Mixed potentials in radiative stellar collapse, *Journal of Mathematical Physics*, **51** 072502 (2010).
- 32 M Govender and **S Thirukkanesh**, Dissipative collapse in the presence of Λ , *International Journal of Theoretical Physics*, **48** 3558 -3566 (2009).
- 33 S D Maharaj and **S Thirukkanesh**, Generalized isothermal models with strange equation of state, *PRAMANA- journal of Physics*, **72** 481 - 494 (2009).
- 34 S D Maharaj and **S Thirukkanesh**, Some new static charged spheres, *Nonlinear Analysis- Real World Applications*, **10** 3396 - 3403 (2009).
- 35 **S Thirukkanesh** and S D Maharaj, Radiating relativistic matter in geodesic motion, *Journal of Mathematical Physics*, **50** 022502 (2009).
- 36 **S Thirukkanesh** and S D Maharaj, Charged relativistic spheres with generalized potentials, *Mathematical Methods in the Applied Sciences*, **32** 684 -701 (2009).
- 37 **S Thirukkanesh** and S D Maharaj, Charged anisotropic matter with a linear equation of state, *Classical and Quantum Gravity*, **25** 235001 (2008).
- 38 **S Thirukkanesh** and S D Maharaj, Exact models for isotropic matter, *Classical and Quantum Gravity*, **23** 2697 - 2709 (2006).
- 39 S D Maharaj and **S Thirukkanesh**, Generating potentials via difference equations, *Mathematical Methods in the Applied Sciences*, **29** 1943-1952 (2006).

In international Referred journal

1. **S Thirukkanesh**. New classes of charged spheroidal models, *Journal of Astrophysics*, **2013** Article ID 539847, 9 pages (2013).

Published as abstracts in conference proceedings:

1. **S. Thirukkanesh** and S D Maharaj, Models with linear EOS, In Proceedings of 51st Annual Congress of the South African Mathematical Society, University of KwaZulu-Natal, Durban, 5-7 November 2008, Book of Abstracts, p 55.
2. **S. Thirukkanesh** and S D Maharaj, Models for the Einstein-Maxwell system, In Proceedings of 50th Annual Congress of the South African Mathematical Society, University of Cape Town, Cape Town, 31 October - 2 November 2007, Book of Abstracts, p 59.

Link to my detailed research profile:

Web of Science ResearcherID: O-1659-2013;

<https://www.webofscience.com/wos/author/record/102817> (39 research article published in SCI journals with 1018 citations by SCI journals with H-Index 18).

Scopus Author Identifier: 127870000000;

<https://www.scopus.com/authid/detail.uri?origin=resultslist&authorId=127870000000&zone=> (1033 citation with h-index 18)

Google Scholar;

<https://scholar.google.com/citations?user=kO9poj4AAAAJ&hl=en> (1428 citation with h-index 20 and i10-index 32)

Reviewer of journals Indexed by Web of Sciences and Conferences

- Served as a reviewer for the *Afrika Matematika* journal which is an SCI Indexed journal.
- Served as a reviewer for the *Astrophysics and Space Science* journal which is an SCI Indexed journal.
- Served as Editorial Board Member of the Annual Research Session-2021 conducted by Faculty of Science EUSL.
- Served as a reviewer for Annual Research Session-2021 conducted by Faculty of Science EUSL.
- Served as a Session Chairperson in the Annual Research Session-2021.
- Served as Editorial Board Member of the Annual Research Session-2022 conducted by Faculty of Science EUSL.
- Served as a reviewer for Annual Research Session-2022 conducted by Faculty of Science EUSL.
- Served as Editorial Board Member of the Annual Research Session-2023 conducted by Faculty of Science EUSL.

- Served as a reviewer for Annual Research Session-2023 conducted by Faculty of Science EUSL.
- Served as a Session Chairperson in the Annual Research Session-2023.

7. RESEARCH SUPERVISION

Postgraduate

- **Title of Ph.D. Thesis:** General Relativistic Models for Anisotropic Compact Stars.
Name of the Student: Rafeek Noorul Nasheeha.
Status: Completed in June 2023.
 Published three articles in journals indexed by Web of sciences (Science Citation Indexed Expanded) emanated through this thesis.
- **Title of M.Sc.Ed Thesis:** Assessment of conceptual knowledge of G.C.E Advanced level students using the Force Motion Concept Inventory.
Name of the Student: Shanmuganahan Kokulaselvan.
Date of Completion: 1st June 2014.

Undergraduate:

- **Title of the project report:** Charged Relativistic Spheres via Hypergeometric Equations.
Name of the Student: Ms. Ishara Saparamadu.
Date of Completion: October 21, 2019.
- **Title of the project report:** Models for Anisotropic Compact Stars.
Name of the Student: Ms. Ilhama Abubakker.
Date of Completion: January 17, 2019.
- **Title of the project report:** New Static Charged Models in General Relativity.
Name of the Student: Ms. Kaniska Thiruchelvam.
Date of Completion: May 2011.

8. ADMINISTRATIVE EXPERIENCE

Academic Leadership

- **Head/ Department of Mathematics,** Faculty of Science, EUSL from September 1, 2009 to August 31, 2012.
During this period, I started Special Degree programme in Computer Science First time at EUSL.

- **Academic Co-ordinator/ Department of Mathematical Sciences**, Faculty of Applied Sciences, SEUSL from January 1, 2001 to February 28, 2002 and from September 1, 2003 to December 31, 2003.
Since there were no senior academic in the department, I was appointed as the first Academic Coordinator instead of Head of the Department that offers Pure Mathematics, Applied Mathematics, Statistics and Computer Science as Major subjects for undergraduate students. I setup and managed the department through well-planned; and provide the leadership to run the programme.
- **Subject Co-ordinator in Mathematics**, Faculty of Applied Sciences, SEUSL from December 15, 1997 to December 31, 2000.
As the first Subject Coordinator in Mathematics (initially I was the only Lecturer in Mathematics), I was involved all the activities associated with initiating the faculty such as planning the infrastructure facilities (laboratories, lecture halls, office space etc.) and prepared the course structure and detailed syllabus for Mathematics (Applied and Pure) for the B.Sc. programme under the guidance of consultant from University of Peradeniya.
- **Chairman/ Curriculum Review Committee**, EUSL from January 20, 2021 to January 19, 2023 (earlier I was look after the duties of Chairman/ University Curriculum Evaluation Committee, EUSL from August 10, 2020).
- **Chairman Board of Study Sciences**, Faculty of Graduate Studies, EUSL since March 1, 2023.
- **Coordinator/External Degree Programme in Science**, Eastern University, Sri Lanka from July 14, 2009 to November 10, 2009.
During this period, I prepared the Hand Book for External Degree.
- **SER Criterion Chairperson** - Student Assessment and Awards for Programme Review 2020 (General Degree and Honours Degree).
- **SER Criterion Co-chair** - Student Assessment and Awards for Institutional Review 2023.
- **Chairman for Bond Recovery Review Committee** from February 2019 to February 2020.
- **Co-ordinator for Staff Development Programme** Faculty of Science of the Eastern University from February 14, 2006 to January 31, 2007.

Student Guidance

- **Student Counsellor** at EUSL August 15, 2005 to January 31, 2007 and again in the same post from October 2009 to October 2012.

- **Academic Counsellor/ Mentor** to the Faculty of Science since March 2009 to date

Services in Council and Statutory Bodies (as non-ex-officio membership)

- **Member of EUSL Council** (Senate nominee) from October 2017 to February 2020.
- **Member of the Senate** of EUSL (Faculty nominee) from June 13, 2006 to January 31, 2007 and again from May 2015 to 10th November 2015.
- **Member of UGC Standing Committee on Information Technology Development** from May 2010 to August 2012.

Services in Committees (as non-ex-officio member)

- **Member of Research & Publication Committee**, EUSL from November 1, 2015 to October 30, 2017.
- **Member of Research Council EUSL** from March 30, 2021 to March 29, 2023.
 - Member of the Committee on Transparent Research Performance Scheme to Recognize Researchers in the University System from November 7, 2021 to November 6, 2023.
 - Member of the Committee to Promote awareness among researchers on current research issues and opportunities from November 7, 2021 to November 6, 2023.
 - Member of the Committee to evaluate Award for Excellence in Research and Innovation for Driving Global Impact from November 7, 2021 to November 6, 2023.
 - Member of the Committee to develop and update the webpage on research, Research Information System (RIS) and activities of the Research Council from November 7, 2021 to November 6, 2023.
 - Member of the Committee for Output Based Reward Scheme from November 7, 2021 to November 6, 2023.
- **Member of Curriculum Evaluation Committee EUSL** from July 17, 2019 to July 16, 2022.
- **Member of Faculty Research and Development Committee** from August 9, 2011 to date.

- **Member of Editorial Board of the Journal of Science** from January 6, 2012 to date.
- **Member of Faculty Higher Degree Committee** from November 4, 2013 to February 28, 2023.
- **Member of the Curriculum Development Committee**, Faculty of Science, EUSL from August 9, 2011 to date.
- **Member of External Degree Board of Study**, Faculty of Science, EUSL from November 2011 to 2015.
- **Member of Faculty of Science Research and Development Committee** from August 9, 2011 to date.
- **Member of the Honorary Degree Committee** to evaluate the applications for the Honorary Degree since January 2020.
- **Member of the Curriculum Revision Committee**, Faculty of Applied Sciences, SEUSL.
- **Representative to the Programme Committee SDC** from October 10, 2017 to October 9, 2018.
- Served as **Internal Senate nominee** (non ex-officio) in many Selection committees for promotion and recruitment.
- Served as **Internal and External Senate nominee** in Professorial evaluation panels.

Tasks Completed assigned by Senate/ Council/ Vice-Chancellor

- Served as **Chairman** in a committee to Study and Revised the existing Postgraduate by-laws (M.Phil. Ph.D.) incorporating SLQF.
- Served as a Member of Search Committee for the Post of Vice-Chancellor, EUSL - 2021.
- Served as **Chairman** in a committee to prepared Evaluation Criteria for Awards for Research Excellence of Global Significance.
- Served as **Chairman** of Technical Evaluation Committees-2020.
- Served as a Member in a committee to Study and Report on the Recommendation of the UGC appointed Investigation Officer for the complaint of Ms. A M P A Goonaratne (Revisit the Examination).

- Served as a Member in many Sub-Committees to look into the Examination Structure in the curriculum submitted by the faculties.
- Prepared the Course Specification for the course unit Discrete Mathematics for the Bachelor of Information and Communication Technology (Honors) programme offered by the Faculty of Technology, EUSL.
- Served in a Committee to prepared and submitted Guidelines and Marking Scheme for the Honorary Degrees – EUSL
- Served as a member in the proposal development committee for Quality and Innovation Grant (Round 1, Window 2), HETC Project and won the competitive grant of Rs. 25 Mn.
- Served in a Committee to prepared common criteria for Emeritus Professors-2021.
- Contributed to publish the proceedings of the 10th Annual Research Session - 2011 in time as a member of Organizing Committee.
- Contributed to Develop New Department Proposal for Sociology and Anthropology, Faculty of Arts and Culture.

9. Inter-faculty teaching

- Prepared and taught the course unit Mathematical Methods for Economics–ECOS 2102 (45 hrs) for the Faculty of Atrs & Culture 2009/2010 batch students.
- Taught the course unit Mathematical Methods for Economics–ECOS 2102 (45 hrs) for the Faculty of Atrs & Culture 2009/2010 batch students.

10. Service to other Universities/ Nation

- Served as a **Resource Person** for the Workshop of G. C. E. (A/L) Combined Mathematics Teacher Training Conducted by National Institute of Education, Maharagama at the ESCO Auditorium, Batticaloa on 6th and 7th May, 2017.
- Contributed in the process of revision of the syllabi of Mathematics and Combined Mathematics and contributed in the consultation workshop of finalizing Advanced Level Combined Mathematics Teacher Training.
- Served as a **resource person** for Mathematics subject in the workshop for the improvement of the quality of school textbooks – 2011, Educational Publication Department on 08th, 09th, 10th and 11th of February, 2011.

- Served as a **resource person** for Mathematics subject at the “Workshop for the Quality Development of Grades 6/ 10 Textbooks compiled for the year 2015” – Education Publication Department on 18th, 19th and 20th of February, 2015.
- Served as a **resource person** for Mathematics subject at the “Workshop for the Quality Development of Grades 6/ 10 Textbooks compiled for the year 2015” – Education Publication Department on 24th, 25th and 26th of March, 2015.
- Served as a **resource person** for Mathematics subject at the “Workshop for the Quality Development of Grade 11 Textbooks compiled for the year 2016” – Education Publication Department on 28th, 29th and 30th of March, 2016.
- Served as a **resource person** for Mathematics subject at the “Workshop for the Quality Development of Grade 8 Textbooks compiled for the year 2017” – Education Publication Department on 25th, 26th and 27th of July, 2016.
- Served as a **resource person** at the workshop for Science Teachers held at the Faculty of Applied Sciences, South Eastern University of Sri Lanka.
- Served as a **Chief examiner** for the G.C.E (A/L) Combined Mathematics subjects for the years 2010 – 2019, 2021 – 2022 and 2024.
- Served as a part-time Tutor at the School of Mathematical Sciences, University of KwaZulu-Natal, South Africa during my Ph.D. and M.Sc. studies.
- Served as a **Visiting Lecturer** in the Department of Mathematical Sciences, Faculty of Applied Sciences, South Eastern University of Sri Lanka for the academic year 2005.
- Served as a **Visiting Academic** to the Faculty of Engineering Technology, The Open University of Sri Lanka during 2014/2015 lecturing Bachelor of Technology course MPZ3231- Engineering Mathematics 1A.
- Served as a **Visiting Academic** to the Faculty of Engineering Technology, The Open University of Sri Lanka during 2015/2016 lecturing Bachelor of Technology course MPZ3231- Engineering Mathematics 1A
- Served as a **Visiting Academic** to the Faculty of Engineering Technology, The Open University of Sri Lanka during 2016/2017 lecturing Bachelor of Technology course MPZ3231- Engineering Mathematics 1A
- Served as a **Visiting Academic** to the Faculty of Engineering Technology, The Open University of Sri Lanka during 2017/2018 lecturing Bachelor of Technology course MHZ3531- Engineering Mathematics 1A

11. NAMES AND ADDRESSES OF TWO REFEREES:

Prof. S. D Maharaj
School of Mathematics, Statistics and

Prof. Megandhren Govender
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I hereby declare that the particulars given above by me are true and correct.

Date:

Signature:.....