

CURRICULUM VITAE

Prof. Sudarman Upali Adikary

BSc.Eng.(Hons.), MSc, PhD, C.Eng., MIESL

Professor in Materials Science and Engineering

Faculty of Engineering, University of Moratuwa, Sri Lanka.

(A) PERSONAL

Name	Prof. Sudarman Upali Adikary
Address (Official)	Department of Materials Science and Engineering, Faculty of Engineering, University of Moratuwa, Sri Lanka. (Tel. 94-11-2640440, Mobile. 0774989527, Email: suadi@uom.lk)
(Private)	33/1A, School Lane, Gangodawila, Nugegoda, Sri Lanka.
Date of Birth	21 st February 1966
Nationality	Sri Lankan
Sex	Male
Civil Status	Married

(B) ACADEMIC QUALIFICATIONS

1. Doctor of Philosophy - Awarded in 2002 by the Hong Kong Polytechnic University, Hong Kong.
2. Master of Science in Materials Science and Engineering - Awarded in 1999 by the Shanghai University, Shanghai, P.R. China.
3. Bachelor of the Science in Engineering in the field of Materials Engineering with first class honours - Awarded in 1993 by the University of Moratuwa, Sri Lanka.

(C) PROFESSIONAL QUALIFICATIONS

1. Chartered Engineer (ECSL Reg. 103820)
2. Corporate Member, Institution of Engineers Sri Lanka. (IESL -M 6330)

(D) WORK EXPERIENCE

1. Dec 2016 to date: Professor, Department of Materials Science and Engineering, University of Moratuwa, Sri Lanka.
2. 2010 – Dec 2016: Senior Lecturer Grade I, Department of Materials Science and Engineering, University of Moratuwa, Sri Lanka.
3. 2003 – 2010 : Senior Lecturer Grade II, Department of Materials Science and Engineering, University of Moratuwa, Sri Lanka.
4. 1993 –2003 : Lecturer, Department of Materials Engineering, University of Moratuwa, Sri Lanka.

(E) AWARDS

1. Presidential Award for scientific Research for the year 2006 awarded for the Sri Lankan scientists who has outstanding research publications.
2. Presidential Award for scientific Research for the year 2005 awarded for the Sri Lankan scientists who has outstanding research publications.
3. Award of excellence in recognition of the Outstanding Research Performances, University of Moratuwa in 2013.
4. Award of excellence in recognition of the Outstanding Research Performances, University of Moratuwa in 2014.
5. Award of excellence in recognition of the Outstanding Research Performances, University of Moratuwa in 2015.
6. Award of excellence in recognition of the Outstanding Research Performances, University of Moratuwa in 2018.
7. Union Carbide award for the graduand who obtained the highest-class average in Materials Engineering of University of Moratuwa for the academic year 1989/90.
8. Ceylon Ceramics Corporation award for the student who obtained the highest average at the B.Sc.Engineering final part II examination in Materials Engineering of University of Moratuwa for the academic year 1988/89.

(F) SPECIALIZED TRAINING

1. Advanced training workshop in recent developments in nanomaterials held at International Centre for theoretical Physics, Trieste. Italy in January 2007.
2. “On the job training” program conducted in Japan under the MEXT initiative project between University of Moratuwa and Toyohashi University of Technology, Toyohashi, Japan in February 2008.

(G) ADMINISTRATIVE POSITIONS HELD AT UNIVERSITY OF MORATUWA

1. Director, Staff Development Centre, University of Moratuwa from Oct. 2016 to March 2019.
2. Head of the Department, Department of Materials Science and Engineering, University of Moratuwa, from 2004 to 2010 and 2013 - 2016.
3. Member **Enterprise Operational Committee** as the coordinator of the Faculty of Engineering from Oct. 2018 to March 2019.
4. Member - University Intellectual Property advisory committee, 2008-2009.
5. Member - Board of Management, Engineering Design Centre, Faculty of Engineering, 2004 to 2010 and 2013 to 2015.
6. Member - Faculty academic committee, 2002-2006.
7. Member - Faculty higher degrees committee, 2011 - 2013.
8. Member - Field selection committee, Faculty of Engineering, 2010 - 2019.
9. Member (Engineering Faculty Representative) - Staff Development Advisory board of University of Moratuwa, from 2012 - 2016.
10. Course coordinator of the Postgraduate programme in Master of Science in Materials Science from January 2011 to April 2013 for intakes 1 and 2.

H. CONTRIBUTION TO NATIONAL DEVELOPMENT ACTIVITIES

1. External Examiner of BSc Engineering programme in Mechanical Engineering, Faculty of Engineering, General Sir John Kotelawala Defence University, January 2021.
2. External Reviewer of Bachelor of Engineering Technology Degree in Material and Nano Science Technology, Faculty of Technology, Wayamba University of Sri Lanka. June 2019.
3. Member, Sri Lanka Standards Institute Sectorial Committee on Chemical and Polymer Technology from Oct. 2019 to date.

4. Chairman of the working group in revision of Sri Lanka Standards Specifications for Sanitary ware from December 2018 to date.
5. Chairman of the working group appointed to draft Sri Lanka Standards Specifications for PVC roofing sheets from January 2018 to date.
6. Board member, Centre of Excellence in Ceramic Technology (CENTEC) from 2006 to 2010 and from 2013 to date.
7. Member of the Advisory committee on ceramic and porcelain sector, Sri Lanka Export Development Board in 2011, 2012, 2013, 2014 and 2015.
8. Member Ceramic Advisory committee, Ministry of Industry and commerce in 2007, 2008 and 2009.
9. Member steering committee on “Joint Industry Research and Manufacturing Process improvements in the Ceramic Industry” in 2007 and 2008.
10. Chairman, NSF (National Science Foundation) National Committee on Advanced Materials from 04th April 2011 to 27th March 2013.
11. Co-Chairman of the National Council on Advanced Materials of Coordinating secretariat for science, technology and innovation (COSTI) from 01st August 2013 to 01st August 2014.
12. Consultant, Installation of the multipurpose Gamma Irradiation plant. The Ministry of Technology and Research from 2012 to 2014.
13. Chairman of the working group on revision of Sri Lanka Standards Specifications Ceramic Floor and wall tiles in year 2005.
14. Chairman of the working group on revision of Sri Lanka Standards Specifications Porcelain tableware in year 2011.
15. Principle investigator, research project on "Reducing energy costs in the manufacture of ceramic ware" a project conducted by CENTEC in partnership with USAID and Ministry of industrial development, from 2009 to 2010.
16. Chairman of the working group on revision of Sri Lanka Standards Specifications Clay roofing tiles from the year 2015.

(I) CURRICULUM PLANNING AND DEVELOPMENT

Curriculum Revisions of BSc.Eng. degree programme in Materials Science and Engineering at University of Moratuwa

- Team leader of the planning, curriculum design and implementation of major curriculum revision in the semester system in 2005, 2010 and 2015.
- Chairman Curriculum Committee of the department for the major curriculum revision in 2020.

(J) MODULE COORDINATOR AND EXAMINER IN UNDERGRADUTE PROGRAMS

- MT 2042 –Ceramic Science and Technology
- MT 2032 – Degradation and Corrosion
- MT 4760 – Electro ceramics and devices
- MT 4272 – Smart Materials
- MT 4762 – Nanomaterials and devices

(K) RESEARCH AND PUBLICATIONS

▪ **RESEARCH PERFORMANCE**

Involved in diverse research areas such as ferroelectric thin films, dielectric polymer-ceramic composites, Positive temperature coefficient materials, engineering ceramics, ceramic cookware, chitosan- hydroxyapatite nano-composites, adsorption of heavy metals by chitosan, extraction of Montmorillonite, piezoelectric sensors & actuators, cement based roofing materials, clay modified Bitumen.

Followings are some of the statistics of my research performance.

Goggle Scholar	h-index - 11
i 10 -index - 12	<i>(www.scholar.google.com on February 2021)</i>

▪ **RESEARCH PUBLICATIONS**

PEER REVIEWED JOURNAL PUBLICATIONS

1. G.L.M.Ariyadasa, S.S.K.Muthurathne and S.U.Adikary, "Fabrication and Properties of Glass Fibre Reinforced Fly Ash-Cement Roofing Tiles", *Materials Science Forum*, ISSN 1662-9752, *Trans Tech Publications*, Vol.911, pp 83-87, 2018.
2. J.M.Unagolla, and S.U.Adikary, "Adsorption Characteristics of Cadmium and Lead Heavy Metals into Locally Synthesized Chitosan Biopolymer" *Tropical Agricultural Research*, Vol.26(2), 395-401, 2015.

3. Sudarman Upali Adikary and Sanjeewani Thakshila Jayawardane, "Thermal compatibility studies of variable body and glaze compositions for glazed clay based cookware applications", *Sunanaree Journal of Science and Technology*, Vol.20, No.1, pp.51-57, January - March 2013.
4. G.A.Sewvandi and S.U.Adikary, "Synthesis and Characterization of natural biopolymer Chitosan derived from Shrimp type Penaeus Monodon", *Tropical Agricultural Research*, Vol.23(3), 272-276, 2012.
5. S.U.Adikary, Z. Peng, H.L.W.Chan., "Effects of proton irradiation on the ferroelectric to paraelectric transition of $\text{Ba}_{0.65}\text{Sr}_{0.35}\text{TiO}_3/\text{P}(\text{VDF-TrFE})$ 0-3 composites", *Ferroelectrics*, Vol.325, pp. 131-135, 2005.
6. S.U.Adikary and H.L.W.Chan, "Dielectric dispersion and tunability of sol-gel derived BST thin films", *Journal of Materials Science*, Vol.39, pp.6523-6528, 2004.
7. S.U.Adikary and H.L.W.Chan., "Compositionally graded $\text{Ba}_x\text{Sr}_{1-x}\text{TiO}_3$ thin films for tunable microwave applications", *Materials Chemistry and Physics*, Vol.79, pp. 157-160, 2003.
8. S.U.Adikary and H.L.W.Chan, "Ferroelectric and dielectric properties of sol-gel derived $\text{Ba}_x\text{Sr}_{1-x}\text{TiO}_3$ thin films", *Thin Solid Films*, Vol.424, pp.70-74, 2003.
9. S.U.Adikary, A.L.Ding and H.L.W.Chan., "Preparation and characterization of compositionally graded $\text{Ba}_x\text{Sr}_{1-x}\text{TiO}_3$ thin films", *Applied Physics A*, Vol.75, pp.597-600, 2002.
10. S.U.Adikary and H.L.W.Chan., "Characterization of compositionally upgraded and downgraded thin films", *Ferroelectrics*, Vol.271, pp.277-282, 2002.
11. S.U.Adikary, H.L.W.Chan, C.L.Choy, B.Sundaravel and I.H.Wilson, "Dielectric behaviour and polarization response of proton irradiated $\text{Ba}_{0.65}\text{Sr}_{0.35}\text{TiO}_3/\text{P}(\text{VDF-TrFE})$ composites", *Japanese Journal of Applied Physics*, Vol.41, pp.6938-6942, 2002.
12. S.U.Adikary, H.L.W.Chan, C.L.Choy, B.Sundaravel and I.H.Wilson., "Characterization of proton irradiated $\text{Ba}_{0.65}\text{Sr}_{0.35}\text{TiO}_3/\text{P}(\text{VDF-TrFE})$ ceramic-polymer composites", *Composites Science and Technology*, Vol.62, pp.2161-2167, 2002.
13. Z.Z.Huang, S.U.Adikary and H.L.W.Chan., "Processing characteristics of PTCR ceramics with low sintering temperature", *Journal of Materials Science: Materials in Electronics*, Vol.13, pp.605-608, 2002.
14. Z.Z.Huang, S.U.Adikary, H.L.W.Chan and C.L. Choy, "Preparation and properties of PTCR ceramics with low resistivity sintered at low temperature", *Journal of Materials Science: Materials in Electronics*, Vol.13, pp.221-224, 2002.
15. S.U.Adikary, B.Sundaravel, H.L.W.Chan, I.H.Wilson and C.L.Choy., "Rutherford backscattering analysis of compositionally graded $\text{Ba}_x\text{Sr}_{1-x}\text{TiO}_3$ thin films", *Ferroelectrics*, Vol.262, pp.287-292. 2001.
16. S.U.Adikary, Z.Meng, D.Jin., "A resistivity gradient piezoelectric FGM actuator", *Journal of Material Science and Technology*, Vol.16, pp.383-386, 2000.

PEER REVIEWD CONFERENCE PROCEEDINGS

1. Sivanujan Selvarathinam and Upali Adikary, "Design, Fabrication and Testing of Lead Zirconate Titanate Based Ultrasonic Wave Generator" IEEE Proceedings of Moratuwa Engineering Research Conference 2020 (MERcon 2020), IEEE Xplore Digital Library, pp.72-77, 2020.
2. G.L.M Ariyadasa, S.U Adikary, S.S.K Muthuratne , "Evaluation of thermal properties of glass fibre reinforced fly ash-cement roofing tiles", *Proceedings of International Conference on Materials Engineering and Nanotechnology 2019 (ICMEN 2019)*, Kuala Lumpur, Malaysia, 02 – 05 December 2019.
3. Mahesh De Silva, Anupa Dayananda and Upali Adikary, "Development of Piezoelectric vibration sensor to analyse building vibrations" *IEEE Proceedings of Moratuwa Engineering Research Conference 2019 (MERcon 2019)*, IEEE Xplore Digital Library, pp.72-77, 2019.
4. T.A.E.I. Siriwardena and S.U Adikary, " Characterization of locally available Mica minerals for capacitor applications" *Annual Transactions of Institution of Engineers Sri Lanka, Part B*, pp 781-789, 2019.
5. H.V.H.H. Senevirathne, S.U Adikary, W.P.C.Gayan and M.P. De Silva " Prediction of service life of galvanized wire products placed in different geographical locations of Sri Lanka" *Annual Transactions of Institution of Engineers Sri Lanka, Part B*, pp 765-774, 2019.
6. W. Jayarathne, W. A. Nimansala and S.U.Adikary, "Development of a vibration energy harvesting device using piezoelectric sensors", *IEEE Proceedings of Moratuwa Engineering Research Conference 2018 (MERcon 2018)*, 2018.
7. S.U.Adikary, R.C.L. De Silva, P.S.D. Perera, and I.R.M.Kottegoda, " Synthesis and Characterization of reduced graphene oxide for super capacitors", *Transactions of Annual sessions of Institution of Engineers Sri Lanka*, pp 673 - 677, 2018.
8. S.U.Adikary, R.C.L. De Silva, P.S.D. Perera, and I.R.M.Kottegoda, " Synthesis and Characterization of reduced graphene oxide for super capacitors", *Transactions of Annual sessions of Institution of Engineers Sri Lanka*, pp 673 - 677, 2018.
9. P.S.D. Perera, S.U.Adikary, J.T.S.T. Jayawardena, I.R.M.Kottegoda and R.C.L. De Silva, "Study of Changing flexural strength in graphite based refractory bricks on firing at oxidative environment" , *Proceedings of Technical sessions, Institute of Physics, Sri Lanka*, 34, pp 107 - 112, 2018.
10. A. Ratnakumar, A.A.P.De Alwis, S.U.Adikary, " Investigations of the amount of Bromine present in Locally available plastic toys using X-ray fluorescence spectrometer", *Proceedings of 22nd International Forestry and environment Symposium 2017*, pp.127, Waskaduwa, Sri Lanka, 10-11 November 2017.

11. D.D.Wanasinghe and S.U.Adikary, "Extraction and Characterization of Montmorillonite nano clay from Sri Lanka clay deposits", *IEEE proceedings of Moratuwa Engineering Research Conference 2017, (MERcon 2017), IEEE Xplore Digital Library, pp. 64-67, 29-31 May 2017.*
12. A. Ratnakumar, A.A.P.De Alwis, S.U.Adikary, " Investigations of the presence of heavy metals in plastic toys available in Sri Lankan market", *Proceedings of 22nd International Forestry and environment Symposium 2017, pp.52, Waskaduwa, Sri Lanka, 10-11 November 2017.*
13. G.L.M Ariyadasa, N.T.H Gunarathna, S.U Adikary, S.S.K Muthurathne, " Suitability of Fly Ash and its derivatives as a raw material in the manufacture of Cement-Based Roofing Materials " *Annual Transactions of Institution of Engineers Sri Lanka, Vol.1 - part B, pp 171-176, 2016.*
14. G.L.M.Ariyadasa and S.U.Adikary, "Effect of Fly ash morphology on the physical properties of Fly ash - Cement composites", *Proceedings of Peradeniya University International Research Sessions, Vol.20, 04th and 5th November 2016.*
15. G.L.M.Ariyadasa, S.S.K.Muthurathne and S.U.Adikary, "Investigating the physical, mechanical and thermal properties of common roofing materials in Sri Lanka", *Proceedings of 6th Annual NBRO Symposium -2015 , pp. 166 -171, ,2015.*
16. J.M.Unagolla, and S.U.Adikary, " Adsorption of Cadmium and Lead heavy metal ions by Chitosan Biopolymer: A study on Equilibrium isotherms and Kinetics " *IEEE Proceedings of Moratuwa Engineering Research Conference 2015 (MERCon 2015), - pp. 234-239, 2015.*
17. S.U.Adikary, W.G.P.Jayasinghe and W.R.M.Soyasa, "Mineralogical Characterization of Clay Deposits in Embilipitiya Region to Study the Presence of Montmorillonite Nano Particles", *Annual Transactions of Institution of Engineers Sri Lanka, Vol.1 - part B, pp 43-50, 2014.*
18. D.D.Wanasinghe and S.U.Adikary , " Extraction of Montmorillonite Nano Particles from Naturally Occurring Clay Mixtures" *Annual Transactions of Institution of Engineers Sri Lanka, Vol.1 - part B, pp 51-57, 2014.*
19. S.U.Adikary, "Synthesis and Characterization of Chitosan/Hydroxyapatite (70/30) NanoComposites", *Annual Transactions of Institution of Engineers Sri Lanka, Vol.1 - part B, pp 59-63, 2014.*
20. J.M.Unagolla, and S.U.Adikary " Adsorption of Lead heavy metal ions by Chitosan Biopolymer: Kinetics and Equilibrium" *Annual Transactions of Institution of Engineers Sri Lanka, Vol.1 - part B, pp 155-162, 2014.*
21. D.D.Wanasinghe and S.U.Adikary , " Extraction of Montmorillonite Nano particles from clay deposits in Nachchaduwa area", *Proceedings KDU International Research Conference 2014, pp 23-29, 2014.*

22. S.U.Adikary and J.T.S.T.Jaywardane, " Study of Mineralogical characteristics and ceramic fabrication techniques of red clay deposits at Malwana and Tissamaharama areas." *Annual Transactions of Institution of Engineers Sri Lanka, Vol.1 - part B, pp 105-111, 2013.*
23. P.P.S.S. Pussepitiya and S.U.Adikary, "Development of High thermal shock resistant ceramic body suitable for cookware applications" *Annual Transactions of Institution of Engineers Sri Lanka, Vol.1 - part B, pp 427-431, 2013.*
24. S.U.Adikary and J.M.Unagolla, " Study of adsorption characteristics of Cadmium into Chitosan biopolymer to be used for waste water treatments." *Annual Transactions of Institution of Engineers Sri Lanka, Vol.1 - part B, pp 313-319, 2013.*
25. D.D.Wanasinghe and S.U.Adikary, " Characterization of clay deposits in Nachchaduwa area for ceramic fabrication" *Proceedings of National Engineering Conference, 18th Engineering Research Unit Symposium held at University of Moratuwa, Sri Lanka, pp. 116-121, 27th February 2013.*
26. S.U.Adikary and D.D.Wanasinghe, " Characterization of Locally available Montmorillonite clay using FTIR technique", *Annual Transactions of Institution of Engineers Sri Lanka, Vol.1 - part B, pp 140-145, 2012.*
27. S.U.Adikary and D.D.Wanasinghe, " Characterization of Locally available Montmorillonite clay using FTIR technique", *Annual Transactions of Institution of Engineers Sri Lanka, Vol.1 - part B, pp 140-145, 2012.*
28. S.U.Adikary, J.T.S.T.Jayawardena, U. Gunawardane "Effects of Clay Characteristics on Fabrication and Glazing Behavior of Ceramic Products from Tissamaharama Red Clay" *Presented at 17th Engineering Research Unit Symposium held at University of Moratuwa, Sri Lanka, pp 104-107, 22nd December 2011.*
29. S.U. Adikary, A.M.P.B. Samarasekara, J.M. Unagolla, W.A.R.P. Wijesinghe " Effect of Deacetylation Conditions on Synthesis of Chitosan using Shrimp type penaeus monodon" " *Presented at 17th Engineering Research Unit Symposium held at University of Moratuwa, Sri Lanka, pp.89-91, 22nd December 2011.*
30. S. U. Adikary, J. M. N. Jayaweera, and G. A. Sewvandi, "Effect of Reflux Temperature on Synthesis of Hydroxyapatite by Wet Chemical Precipitation Technique" *Presented at 17^{5th} Engineering Research Unit Symposium held at University of Moratuwa, Sri Lanka, pp. 95-97, 22nd December 2011.*
31. G.A.Sewvandi and S.U.Adikary, " Removal of heavy metals from waste water using chitosan", *Proceedings of the IESL – SSMS Joint International Conference on Social Management Systems, Colombo, Sri Lanka, pp.123-128, 14-16 September 2011.*
32. P.P.S.S.Pussepitiya, S.U.Adikary, U.Gunawardena "Precision investment casting of Al machine parts using specially designed ceramic mould", *Presented at KDU annual symposium 2011, General Sir John Kotelawala Defence University, Ratmalana, Sri Lanka, pp.381- 387, 18-19 August 2011.*

33. S.U.Adikary, J M N Jayaweera, G A Sewvandi, "Synthesis and Characterization of Hydroxyapatite to be used as a Bio material", *Presented at KDU annual symposium 2011, General Sir John Kotelawala Defence University, Ratmalana, Sri Lanka, pp 365-372, 18-19 August 2011.*
34. J.T.S.T.Jayawardena, S.U.Adikary, U.Gunawardena, "Development of glazed clay body suitable for cookware" *Presented at 15th Engineering Research Unit Symposium held at University of Moratuwa, Sri Lanka, pp.153-154, 06th November 2009.*
35. J.T.S.T.Jayawardena, S.U.Adikary, U.Gunawardena, "Modification of thermal shock resistance of a red clay with the addition of quartz" *Presented at 14th Engineering Research Unit Symposium, Colombo, Sri Lanka, pp.58-59, 15th October 2008.*
36. D.Jin, S.U.Adikary, Z.Meng., "Advanced development and characterization of resistivity gradient PZT piezoelectric ceramics and actuators", *Proceedings of the fifth International Union of Materials Research Societies (IUMRS) International conference on advanced materials (ICAM), Beijing, China, pp.273-279, 13-18 June 1999.*

PUBLICATIONS IN ABSTRACT FORM

1. Y.G.P.B.Shantha, W.K.Mamearachchi and S.U.Adikary, "Evaluation of rheological and properties and performance of asphalt binder modified with nano clay", *Proceedings of Transport Research Forum 2018, University of Moratuwa, August 2018.*
2. S.U.Adikary, M. Ashokline and K .Nirojan, " Characterization of Montmorillonite clay from Naturally occurring clay deposits in Murunkan Area" *Abstracts of 8th International Research Conference, General Sir John Kotelawala Defense University, pp.73, 27-28 August 2015.*
3. S.U.Adikary and G.A.Sewvandi, "Synthesis of Chitosan polymer/nanohydroxyapatite Ceramic powder (70/30) composites using insitu Coprecipitation Technique with double step stirring", *Proceedings of International Conference on Traditional and Advanced Ceramics (ICTA 2012), Bangkok, Thailand, pp.61, 22-25 August, 2012.*
4. J.M.Unagolla, W.A.R.P.Wijesinghe, S.U.Adikary, A.M.P.B.Samarasekara, " Sunthesis of biograde chitosan from locally available shrimp shells", *Proceedings of First International Conference on Advanced Materials, Science and Engineering (ICAMSE'12), Colombo, Sri Lanka, 01-03July, 2012.*
5. E.H.G.Jayalath Gunathilaka and S.U.Adikary, " Effect of reflux temperature on synthesis of Chitosan/nano-hydroxyapatite composites", *Proceedings of First International Conference on Advanced Materials, Science and Engineering (ICAMSE'12), Colombo, Sri Lanka, 01-03July, 2012.*

6. J.T.S.T.Jayawardena, S.U.Adikary, U.Gunawardena, “Investigation of Thermal Compatibility of Red clay and Commercial Glazes”, *Proceedings of the National Conference on Advanced Materials for Emerging Technologies(NCAMET 2007)* Held at PGIS of University of Peradeniya, Sri Lanka, pp.28, 21 -22 July 2007.
7. K.D.G.I.Jayawardena, D.M.H.B.Dissanayake, S.U.Adikary, “ Fabrication and Characterization of MgO/BST Ceramic/Ceramic Composites for Capacitor Applications”, *Proceedings of the National Conference on Advanced Materials for Emerging Technologies(NCAMET 2007) Held at PGIS of University of Peradeniya*, Sri Lanka, pp.34, 21 -22 July 2007.
8. S.U.Adikary, " High dielectric constant BST / P(VDF-TrFE) ceramic - polymer composites: Fabrication, Characterization and dielectric enhancement ”, *Proceedings of the National Conference on Advanced Materials for Emerging Technologies(NCAMET 2007) Held at PGIS of University of Peradeniya*, Sri Lanka, pp.10, 21 -22 July 2007.
9. S.U.Adikary, “ Structural and dielectric characterization of Ba_{0.65}Sr_{0.35}TiO₃ ceramic powder /P(VDF-TrFE) copolymer composite systems”, *Proceedings of the International Conference on Advances in Polymer Blends, Composites, IPNS and Gels*”, ICBC 2005, Kottayam, Kerala, India, pp.95, 21st –23rd March 2005.
10. S.U.Adikary, H.L.W.Chan., “Dielectric tunability and ferroelectricity of compositionally graded Ba_xSr_{1-x}TiO₃ thin films”, *Proceedings of the 4th Asian Meeting on Ferroelectrics (AMF-4)*, Bangalore , India, pp. 140, 12-15 December 2003.

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