

# CURRICULUM VITA

## KUMARA JAYASURIYA, Ph.D.

### Academic Degrees Earned

University of Wisconsin-Milwaukee	Ph.D.	Mathematics
Southern Illinois University-Carbondale	M.S.	Mathematics
University of Colombo-Colombo	B.S.	Mathematics
The Council of Engineering Institution, London, England		Electrical Engineering Part I (out of two parts)

### Other Formal Professional Development

IU LEAD -

*Indiana University's year long program for junior administrators*

Leadership Northwest Indiana (LNI)-Class 33

Fundraising workshop – *Transformational Capital Campaigns*  
*Mercer University, Atlanta, GA*

Fundraising workshop at WVSU

The BB&T Leadership Institute

### Selected Highlights

- **Most innovative** - Led the business department to top 15 most innovative department in the U.S. among small business departments
- **Best Value** - Led the business program to 3<sup>rd</sup> Best Value School among small schools, the biology program to 3<sup>rd</sup> Best Value School among small schools, the social work program to 10<sup>th</sup> Best Value School among small schools, and WVSU to 4<sup>th</sup> Best Value School among small Universities and Colleges.
- **Online programs** - Led the efforts in obtaining authorization to offer online programs at WVSU from Higher Learning Commission including a change visit by an accrediting team. Subsequently, developed eight fully online programs. Seven of these programs have already started and the other will start in Fall 2019.

- **Best Online Program** - WVSU's online bachelor's degree in English – Technical Writing has been recognized as one of the top online writing programs in the country by TheBestSchools.org.
- **Fundraising** – Actively participated in \$19.6 million capital campaign, \$250,000 gift to build an Engineering lab, \$500,000 gift to create a state of the art teaching lab and classrooms for the Education Department, and \$500,000 gift to start a new Nursing Program.
- **Grants and Contracts** – Directly or indirectly responsible for grants totaling over \$6,000,000.
- **International recruitment** – Created the Office of International Affairs (OIA) in January 2016. Working collaboratively with deans and department chairs, the OIA recruited the biggest international cohort at WVSU.
- **International Partnerships** – Forged a partnership with Ningbo University of Technology in China on a 3+1 program in Computational Science. This program started in Fall 2017 and enroll 100 students in the collaborative program every year. There are over 25 international cooperative partnership agreements with WVSU since 2014.
- **2+2 transfer agreement** – led the development of several 2+2 agreements with three WV community and technical colleges working with faculty colleagues. Currently planning on a joint venture program with Bridgeville and New River Community and Technical Colleges.
- **Human Rights International Conference** – Founded the first international conference on human rights with the collaboration of WVSU National Center for Human Relations. Brought together faculty members of Business with faculty members of other colleges to launch an international conference in 2014, 2015, 2016, 2017, and 2018.
- **Business summit** - Led the development of Business Summit in 2016, 2017, and 2018 – connecting students with leaders.
- **Curriculum review** – led the realignment of the curriculum with the collaboration of faculty in four colleges.
- **National accreditation** – led ACBSP, CAPE (NCATE), CSWE, and NACEP reaffirmation successfully for another 10 years.
- **Energy Management** – led the development and approval of new concentrations and certificates in business administration such as energy management by working with faculty colleagues – the first in WV.
- **New programs** – led the development of seven new face-to-face programs with deans, department chairs, and faculty colleagues.
- **Founded** – Advisory Boards for every program at WVSU.
- **Broad Band Economic Impact** – Led the Economic Impact Study for WV Board Band Initiative for 2015 WV Legislators.
- **Efficiency Summit** – Key participant in WVSU Efficiency Summit led by President Hemphill.
- **HLC** – As the Accreditation Liaison Officer (ALO), provided support and leadership for the HLC accreditation committee members.
- **Centers of Excellence** – led the creation of Genomic Center and Center for Economic Research and Entrepreneurship.

## **Administrative duties**

2014 – Present                      Provost and Vice President for Academic Affairs, West Virginia State University and Professor of Mathematics

Worked closely with all constituents on university matters involving academic programs,

strategic planning, fundraising, retention and recruitment of students, budget, assessment, accreditation, general education program, program review, continuing education, graduate council and graduate degree programs, faculty development and evaluation, promotion and tenure, dual credit programs, registration and records, cultural activities, library, internships, trio program, international recruitment and marketing, and articulation agreements and partnerships with other universities and industries.

#### Direct Reports:

- Deans of the four Colleges
- Associate Provost and Associate Vice President for Academic Affairs
- Interim Assistant Vice President for International Affairs
- Director of the Library
- Director of Internships
- Director of Center for Online Learning
- Director of Academic Outreach
- Director of the First-Year Advising Center
- Director of the General Education Program
- Director of the Office of Graduate Studies.
- Director of the Honors Program
- Facult Senate President

#### Achievements

- Created an ESL program at WVSU and revamped the international marketing and recruitment efforts. Six cohorts of students from four countries have successfully completed the program to date.
- In collaboration with Enrollment Management and Student Affairs, implemented several initiatives to increase student retention. Student retention has gone up by 7% since 2014.
- Worked closely with constituents in fundraising activities.
- Created a one-stop-shop for international affairs to bring all services for international students such as admissions, processing I-20 documents, and transcript evaluation under one office.
- Worked with the director of outreach in the creation of Early Enrollment Advisory Board.
- Created 1+3 program for high school students to complete the first year college courses in their junior and senior years at the high school. The number of dual credit students has more than doubled in the last year.
- Created a summer incentive based budget model that incentivized the departments to be more efficient and increase enrollment. Enrollment in summer 2015 has increased by 4%.
- Represented and/or made presentations on behalf of WVSU at community based events/meetings such as Chambers of Commerce, and other civic organizations.
- Collaborated with various administrators from other Universities in the

- establishment of state-wide articulation agreements.
- Worked closely with the college deans in establishing new programs such as a Bachelor of Fine Arts in Music, Bachelor of Science in Nursing, Master of Public Administration degree, Master of Education in Instructional Leadership, Master of Science in Computer Science, and Master of Social Work in collaboration with West Virginia University.
- Served as a member of the WVSU self-study team that successfully received reaffirmation for ten years with no areas of concerns.
- Worked closely with the deans, faculty, and staff in obtaining authorization to offer online programs.
- Worked with department chairs to create eight online programs. Currently have approximately 250 students in two years.
- Worked with the Associate Provost to revise the faculty handbook and the course catalog.
- Oversaw the University's personnel matters involving recruiting, hiring, promotion and tenure, and professional development activities such as research reassignments and sabbaticals.
- Worked closely with the General Education Committee and the faculty senate to revise the general education curriculum.
- Worked with the English department chair to relocate the writing center to the Library to realign the writing center functions with the Library functions. Moreover, provided leadership in creating the enhanced English courses for students whose ACT/SAT scores were below the cutoff score to take the traditional English composition.
- Managed the Academic Affairs budget of approximately Thirteen million dollars.
- Established a faculty leadership program to mentor junior faculty members to advance administrative skills.
- Revised the program review procedure by getting deans involved in the process and adding cost analysis to verify the validity of programs.
- Implemented a grant for faculty members to create new online courses at WVSU called "Online Course Development (ONCORD)" grant.
- Implemented a grant to support course redesign for faculty.
- Serving as the Accreditation Liaison Officer (ALO) for Higher Learning Commission.
- Working with the deans and the faculty senate revised the promotion and tenure guidelines including tenured faculty evaluation process.

2011 – 2014                      Associate Vice Chancellor for Academic Affairs, Purdue  
University North Central and Professor of Mathematics

### Administrative duties

Worked closely with all constituents on university matters involving budget, assessment, accreditation, general education program, institutional research, career placement, continuing education, graduate council and graduate degree programs, faculty development and evaluation, dual credit programs, and service learning program.

### Direct Reports:

- Director of Career Services
- Director of Service Learning

- Director of Learning and Technology
- Director of Institutional Research
- Office of Graduate and Extended Learning
- Academic Affairs Business Manager
- Director of Information Services for Academic Affairs.
- Assessment Coordinator

### Achievements

- Worked with the Vice Chancellor for Enrollment Management in the creation of Advisory Board for Concurrent Enrollment.
- Created a summer incentive based budget model that incentivized the departments to be more efficient and increase enrollment.
- Represented PNC in Affinity Network project sponsored by the College Board.
- Conducted a faculty salary equity study which resulted in adjusting salaries of several faculty members.
- Collaborated with various administrators from other Universities in the establishment of state-wide articulation agreements.
- Worked closely with the college deans in establishing new programs such as Electrical Engineering, Civil Engineering, and History.
- Served as the Accreditation Liaison Officer for HLC.
- Led the efforts in addressing the areas of concern of HLC during their visit to the campus in 2010. Finally, wrote the report that summarized the efforts to resolve the concerns.
- Worked with department chairs to create online programs.
- Oversaw the University's personnel matters involving recruiting, hiring, and professional development activities such as research reassignments and sabbaticals.
- Worked closely with the General Education Committee and the faculty senate to revise the general education curriculum.
- Worked closely with faculty senate to reduce all academic programs to 120 credit hours.
- Managed the Academic Affairs budget of approximately ten million dollars.

2007 – 2011                      Dean – School of Natural Science and Mathematics,  
Indiana University East (IU East)

### Administrative duties:

- Worked closely with the Vice Chancellor of Academic Affairs, the Deans, and other administrators related to university matters that involved budgeting, strategic planning, faculty annual review process, university wide-scheduling, recruitment and retention and accreditation.
- Worked with the Vice Chancellors regarding the creation of a School of Science Advisory Board and fundraising for various School and University initiatives, including securing funding for the Honors Program at IU East.
- Collaborated with various administrators from the other seven Indiana

University campuses in the establishment of system-wide and state-wide programming.

- Charged with providing leadership and oversight for all School of Science programs which included B.S. in Biotechnology, Biology, Biochemistry, Human Life Sciences, and B.A. in Mathematics, Biology, Biochemistry, and Interdisciplinary degrees.
- Created and implemented an assessment program in the School of Science.
- Oversaw the annual performance review for the School's faculty, administrators and clerical staff, including making merit pay recommendations to the VCAA.
- Oversaw the School's personnel matters involving recruiting, hiring, promotion and tenure, post-tenure review, and professional development activities such as research leaves and sabbaticals.
- Handled resolution of student/faculty complaints and appeals that proceed beyond the department chair. This included issues involving grievances, grade appeals, and violation of student academic integrity policy.
- Oversaw the Math Tutorial Center at IU East.
- Managed the School's \$1.5 million budget.
- Oversaw and managed the Science Laboratories.
- Co-Chaired the Informatics Committee which oversaw the universities Informatics degree program. In addition, served as an informatics faculty member.

2003 – 2007                      Division Chair (Equivalent to Dean) – Division of Natural Science and Mathematics, IU East and Associate Professor of Mathematics

Administrative duties are same as above.

1999 – 2003                      Department Chair – Department of Mathematics, IU East

1996 – 1999                      Coordinator of the Developmental Mathematics Program IU East

1993 – 1996:                      Assistant Professor at IU East, Department of Mathematics

1989 – 1993:                      Teaching Assistant at University of Wisconsin – Milwaukee Department of Mathematics

1985 – 1989:                      Teaching Assistant at Southern Illinois University – Carbondale, Department of Mathematics

### **OTHER QUALIFICATIONS**

Peer Reviewer of the accrediting body, Higher Learning Commission of the North Central Association.

Active member of the team assembled by West Virginia Higher Education Policy

Commission (WVHEPC) to establish a governing document for Early Enrollment.

Member of the “Design Think Tank,” a 15 member team assembled by the Higher Learning Commission (HLC) to create the Academy of Persistence and Completion.

Team Leader of the Indiana State Group in Affinity Network national project – Connecting K-12 & Postsecondary Education - launched by the College Board Advocacy and Policy Center.

Member of the State Leadership Team assembled by the Indiana Commission for Higher Education (ICHE) to adopt a state-wide common core curriculum.

Member of the taskforce assembled by Indiana Commission for Higher Education (ICHE) to inquire state-wide military credit evaluation.

Chair of Purdue University North Central’s Retention and Graduation Committee.

### **TEACHING AWARDS**

MBA – Outstanding Faculty Award (Purdue North Central, May 2014)

Helen Lees award for excellence in teaching (Indiana University East, May 2003)

Teaching Excellence Recognition Award (Indiana University East, May 1998)

Faculty Colloquium on Excellence in Teaching (Indiana University System, March 1998)

Horizon Award for Excellence in Teaching (Indiana University East, May 1997)

Teaching Excellence Recognition Award (Indiana University East, May 1997)

Department of Mathematical Sciences, Ernst Schwandt Teaching Award (University of Wisconsin- Milwaukee, 1992)

Honorable Mention, Ernst Schwandt Teaching Award (University of Wisconsin-Milwaukee, 1991)

### **Fellowships**

1996      Service Learning Faculty Fellow (Indiana Campus Compact)

1994      Summer Faculty Fellowship (IU East)

## Grants

1. Apple/TMCF HBCU Diversity Initiative – Comprehensive Database Program Incentive Grant – January 2016 \$50,000
2. Principal Investigator, Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP) – NSF \$499,248.00
3. CO-PI, Louis Stokes Alliances for Minority Participation (LSAMP) Grant –NSF – Nov. 2011 \$103,650.00
4. GrowIndiana AmeriCorp Grant – Indiana Campus Compact (ICC) (2009 – 2010) \$23,000.00
5. GrowIndiana AmeriCorp Grant – ICC (2008 – 2009) \$20,000.00
6. Math and Science Partnership Grant (2008 – 2009) Title III grant from Indian Department of Education in conjunction with the Fayette County School District (2006). \$285,000.00
7. Lily grant for teaching developmental math through video lectures (2001-2002) \$30,000.00
8. Learn and Serve Faculty Fellowship Grant through the Corporation for National Service (1996 – 1997). \$3400.00
9. Learning Enhancement and Academic Development (LEAD) Center Mini-grant for the study of using “First Exposure”. \$500.00
10. The Science, Engineering, Architecture, Mathematics, and Computer Science (SEAMS), Curriculum Development Grant through the Corporation for National Service (1995 – 1996). \$2000.00
11. President Brand’s Grant for Modularization of beginning Mathematics courses (1997). \$1500.00
12. Lily Grant for Modularization of Developmental Math Courses (1998). \$1500.00
13. Summer Faculty Fellowship, IU East (1994). \$5500.00



## **Publications**

1. Wade B. A. and Jayasuriya K. L., Convergence Estimates for Galerkin Finite Element Schemes for Nonhomogeneous Parabolic Evolution Problems, The Journal of Mathematical Analysis and Applications, 195, (1995), 645-657.
2. Jayasuriya K. L., Archimedes and pi, The Journal of Mathematical Connections, 32, No 2, (summer, 1995), 21- 26.
3. Jayasuriya, K. L., Multi-Precision Computations Using Fast Hartley Transforms, The Journal of Applied Mathematics and Computations, V75 (March 1996), 239-251.
4. Jayasuriya K. L, Fully Discrete Backward Euler Convergence Estimates for Finite Element Schemes for Parabolic Evolution Problems. Journal of Mathematical Connections, No 8. (1998), 43- 49.
5. Jayasuriya K. L., (1999), Mathematica: An Instructional Tool, Conference Proceedings, Indiana Academy of Sciences (IAS).
6. Best Practices in Teaching Online Mathematics Courses, (2015) Conference Proceedings, 27<sup>th</sup> Annual International Conference on Technology in Collegiate Mathematics (ICTCM).

## **Books**

Jayasuriya K. L., Finite Mathematics and Its Applications – Publishing of this book is currently in progress by BVT Publishing.

## **Abstracts**

1. “Mathematica: An Instructional Tool for Pre-calculus and Calculus,” Indiana Section of the Mathematics Association of America (Nov. 14, 95).
2. “Teaching Fourier Transforms Using Mathematica,” Indiana Academy of Sciences (Nov. 13, 95).
3. “Use of Animation Features of Computer Algebra Systems in Calculus,” The Tenth

Annual International Conference on Technology in Collegiate Mathematics, Chicago, IL (Nov. 7, 1997).

4. "PowerPoint: An Instructional Tool," Indiana Academy of Sciences (Nov. 1997).
5. "Service Learning 101 – Reflection," Third Annual Partnership Conference: Community, Service, and Learning in Indiana, Scottish Rite Cathedral, Indianapolis, IN (April 10 – 11, 1997).
6. "Teaching Calculus Using a Computer Algebra System." 15<sup>th</sup> Annual ICTCM (Oct. 2004).

### **Presentations**

1. "Why 10:10 and 8:20 are Such Pleasant Times," IU East Math Awareness Week (An event open to the public), (April 18, 1994).
2. "Using Technology in Teaching Pre-calculus and Calculus," Indiana University Mathematical Association (IUMA), (Nov. 16, 95).
3. "Mathematica: An Instructional Tool for Pre-calculus and Calculus," Indiana Section of the Mathematics Association of America (Nov. 14, 95).
4. "Teaching Fourier Transforms Using Mathematica," Indiana Academy of Sciences (Nov. 13, 95).
5. "Piece of the Pi," IU East Math Awareness Week (An event open to the public), (April 17, 1996).
6. "Fascinating Fibonacci's in Nature," Indiana Council of Teachers of Mathematics (ICTM) math contest (April 1997).
7. "Use of Animation Features of Computer Algebra Systems in Calculus," The Tenth Annual International Conference on Technology in Collegiate Mathematics, Chicago, IL (Nov. 7, 1997).
8. "PowerPoint : An Instructional Tool," Indiana Academy of Sciences (Nov. 1997).
9. "Service Learning 101 – Reflection," Third Annual Partnership Conference: Community, Service, and Learning in Indiana, Scottish Rite Cathedral, Indianapolis, IN (April 10 – 11, 1997).

10. Presentation on Development of Modular Courses – Rationale and Implementation, 16<sup>th</sup> Annual Spring Symposium, Helping Students Succeed: What’s Working at IU - Indiana University- Bloomington (May. 13, 1998).
11. Presented a paper entitled "Teaching Calculus Using a Computer Algebra System." in the ICTCM international conference held in New Orleans, LA (Oct. 2004)
12. Presented a paper entitled “Using Graphing Calculators in Teaching Statistics.” International Conference on Teaching in Collegiate Mathematics (Nov. 2006).
13. “Best Practices in Teaching Online Mathematics Courses.” International Conference on Teaching in Collegiate Mathematics (March 2012).
14. “West Virginia State University – 1+3 program,” West Virginia Higher Education Commission – Morgantown – July 29, 2015.
15. “International Best Practices.” Higher Education Summit held in Louisville, KY (June 2017).
- 16 “Student Success Initiatives” West Virginia Association of Academic Administrators (2017 Fall Conference – October 1<sup>st</sup> and 2<sup>nd</sup>).

### **Selected University Service**

*The following list includes my engagement activities since 1999.*

- Co-Chair of the WVSU budget efficiency committee
- Co-Chair of the WVSU retention committee
- Chair of the self-study committee at WVSU
- Member of the WVSU Foundation Board of Directors
- Co-Chair of the WVSU Research and Development Corporation Board of Directors
- Ex-officio member of the Education Policy Committee, General Education Committee, ESL planning group, etc.
- Member of the President’s Cabinet and Dean’s Council
- Member of the Enrollment Management Committee and the chair of the Retention and Graduation sub-committee at PNC ( 2012)
- Ex-officio member of the General Education Committee at PNC (2011 -2012)
- Ex officio member of the Education Policy Committee at PNC (2011 – 2012)

- Ex-officio member of the Assessment Committee at PNC (2012)
- Conducted three dean reviews at PNC (2011 – 2012)
- Member of the IT governance structure (2011 -2012)
- Partnered with a faculty member in creating the Supplemental Instruction (SI) program at PNC (2012)
- Member of the team that created a 1+3 program at PNC (2011 – 2012)
- Informatics Committee at IU East – Co-chair (2008 – 2011)
- Promotion and Tenure Committee at IUE (2008 - 2010)
- General Studies Committee at IUE (2005 – 2011)
- General Education Assessment Committee at IUE – Co-chair (2008 – 2011)
- Advisory Board of the School of Education at IUE (2009 – 2011)
- Faculty Affairs Committee at IUE (2007 – 2010)
- Informatics Search and Screen Committee at IUE (2008)
- Faculty affairs and Budgetary Affairs Committee of School of Natural Science and Mathematics (NSM) 2005 – 2008)
- Curriculum Committee at IUE (2006 – 2007)
- Music Search and Screen Committee at IUE (2007)
- NSM Division Review Committee (2006)
- Strategic Management Process (SMP) Committee at IUE (2005 – 2006)
- Honors Committee at IUE – Co-chair (2002 – 2006)
- Curriculum Committee at IUE – Co-chair (2004 - 2005)
- Faculty Senate Steering Committee (2005)
- Budgetary Affairs Committee at IUE (2002 - 2005)
- Faculty Board of Review at IUE – Chair (2002 - 2003)
- IU Fringe Benefits Committee (2003)
- Research and Grants Committee at IUE (2003)
- Mathematics Search and Screen Committee at IUE - Chair (2002)
- Admission and Academic Affairs Committee at IUE (1998 – 2000)
- Agenda Committee at IUE (1998 – 1999)
- Teaching Awards Committee (1998 – 1999)
- Technology Committee (1999 – 2000)
- Information Literacy Task Force (1999 – 2000)

## Selected Community Service

- Created 1+3 program at WVSU in collaboration with department chairs, and other administrators for high school students to complete a year of college in several programs
- Created 1+3 program at PNC in collaboration with department chairs, and other administrators for high school students to complete a year of college in three major programs.
- Member of the Chesterton Chamber of Commerce (2012)
- Participated in Summer Kid's program by teaching the math section (2012)
- Team Leader of the Indiana State Group, Affinity Network national project – Connecting K-12 & Postsecondary Education in Common Core State Standards (CCSS) - launched by the College Board Advocacy and Policy Center
- Member of the State Leadership Team assembled by Indiana Commission for Higher Education (ICHE) to adopt a state-wide common core curriculum.
- Member of the taskforce assembled by Indiana Commission for Higher Education (ICHE) to inquire state-wide military credit evaluation
- Member of the Leadership North-West Indiana (LNI) – Class 33.
- As part of the GrowIndiana grant received from ICC, I was able to create the tutorial centers about IU East for elementary and middle school children (2008 – 2010). Five centers used for this purpose are:
  1. The Life Support Center in Lynn, Indiana.
  2. Baxtor Neighborhood Center in Richmond
  3. Boys and Girls Club in Richmond
  4. Richmond High School
  5. Elizabeth Star Academy
- Served as a coordinator in the National Council of Teachers of Mathematics (NCTM) math competition (1993 – 2010)
- Partnered with another faculty member to develop and implement Family Science and Mathematics Program at IUE (2007)
- Conducted a Family Science and Math night at Vaile Elementary School in Richmond. There were over 151 participants (2007)
- Conducted a Family Science and Math night at Maplewood Elementary School in Fayette County school district. There were 83 participants (2007)
- Volunteered as a mentor and a math tutor at Randoff Southern High School (2004 - 2006)
- Taught the math section of IUE “Moving On” summer program for minority students (2001 – 2003)