Name: DR. CHANDRAMOULI AKULA	

Qualification :

- Doctor of Philosophy in "Modeling and Simulation", Indian Institute of Technology, Delhi, India, 1994 under esteemed guidance of Prof. P S Satsangi.
- Master of Technology in Electrical Engg. - Power Systems, Jawaharlal Nehru Techonological University, Hyderabad, India, 1986.
- Bachelor of Technology in Electrical and Electronics Engg., Jawaharlal Nehru Techonological University, Hyderabad, India, 1983.

Experience:

- **22+** years of post-doctoral experience in **Project Management**, **Delivery Management, Consulting and Quality Management.**

- **9+ years of Research, Teaching experience at UG / PG levels including Academic administration**

- Sectoral Experience in IT, Telecommunications, Electrical and Exposure in Finance, Service

- Functional experience in **Project Management,** Software Training / Estimation**, Business Process Management**, **End to End Solutions**, **Product Management**, Business Process Reengineering, Information Systems planning, **ERP Technologies**, **CRM**, Total **Quality Management** / **SEI-CMM**,

- **Excellent Customer Facing, Business Presentation and Case Study preparation Skills,**

- Excellent **Leadership capabilities**, Team Player / Coaching / Mentoring skills and quickly adapt to new technologies / environments.

- **International Exposure** in executing Business Engagements in UK, USA, Latvia, Taiwan, Hong Kong, Indonesia and Philippines.

Area of Interest:

Subjects Taught:

Research Publications:

1) A. Chandramouli, et.al. "Exploratory Research in System Dynamics Modelling and Simulation of Socio Technical Economic Systems", Prabandh, Vol. 5, December 1989, pp 21-30

2) A. Chandramouli, et.al. "Discussion on Adaptive Hydrogenerator Governor Tuning with a Genetic Algorithm by John E Lansberry and L Wozniak, P.E." IEEE Transactions on Energy Conversion

3) A. Chandramouli, et.al. "Discussion on Optimal Selection of Capacitors for Radial Distribution Systems using a Genetic Algorithm by Srinivasan Sundhararajan and Anil Pahwa", IEEE Transactions on Power Systems

4) A. Chandramouli, et.al., "Discussion on Static Security in Power System Operation with Fuzzy Real Load Conditions by Abdul Rahman K.H. & S.M. Shahidehpour", IEEE Transactions on Power Systems

Conferences / Symposiums / Seminar Proceedings

1) Akula Chandramouli, "Changing Role and Profile of Education", accepted, Dec 1-3, National Systems Conference 2017, Dayalbagh Educational Institute (Deemed University), Agra, India.

2) Chandramouli Akula, "Perception, Reality, Consciousness: A Layered Model of Experience", The Science of Consciousness, June 5-10 2017, San Diego, California, USA

3) Chandramouli Akula, "Understanding Consciousness: Origin, Growth, States, Levels, Content and Causes of Manifestation", Toward A Science of Consciousness , April 25-30, 2016, Tucson, Arizona, USA

4) Chandramouli Akula, "3 Dimensional Layered Value Education", Value Education 2015 October 30-31, 2015, Agra India

5) Chandramouli Akula, "A Model for Simulation of Consciousness", Toward A Science of Consciousness , 9-13 June, 2015, Helsinki, Finland

6) Chandramouli Akula, "A Novel Model of Consciousness in Operation", Brain, Mind and Consciousness, August 2, 2014, Agra India.

7) Chandramouli Akula, "A Novel & Three Plane Perspective of Brain, Mind and Consciousness", Brain, Mind and Consciousness, August 2, 2014, Agra India.

8) A. Chandramouli, "Success of a 21st Century Business School", Business School, University of Hull, Hull, UK; 20th July 2004.

9) A. Chandramouli, "Application of **System Dynamics and Knowledge Automaton** : A way of Corporate Education and Learning in 21st Century" Proc. 15th International System Dynamics Conference-1997, Istanbul, Turkey (Accepted)

10) A. Chandramouli, et.al., " System Dynamics Model for Market Strategy for Skimmed Milk Powder Availability", National Conference of System Dynamics Society of India, Bangalore, 1996

11) A. Chandramouli, et.al., "Optimal Reactive Power Dispatch using Fuzzy Programming" Proc. IASTED International Symposium on Power Systems & Engineering, Wakayama, Japan, 1993

12) A. Chandramouli, et.al. " Genetic Algorithms : Some Applications to Electric Power Systems" Proc. 6th Intl. Conf. On PDCS, Louisville, USA, 14-16 October 1993, pp 405-410

13) A. Chandramouli, et.al. " Optimal Reactive Power Dispatch Using Genetic Algorithms" Proc. 3rd Intl. Symposium on Electricity Distribution and Energy Management, ISEDEM'93, Singapore 27-29 October, 1993, pp 464-469

14) A. Chandramouli, et.al. **"Optimization Through Genetic Algorithms and Artificial Neural Networks** : A Prospective View" Short Term course on Artificial Neural Network Applications to Power Systems under QIP held at IIT Kanpur, June 14-19, 1993

15) A. Chandramouli, et.al. "Discipline-Wise Technical Manpower Planning : A Systematic Case Study" Proc. Of 9th International Congress of Cybernetics and Systems New Delhi, India January 18-23, 1993

16) A. Chandramouli, et.al. **"Knowledge Automaton : A Unified Approach to AI"** IEEE UP

Sub Section Refresher Course on Expert Systems and Neural Networks held at IIT Kanpur, October 28-31, 1991

17) A. Chandramouli, et.al. **"Knowledge Automaton : Unifying Knowledge Base and Learning Automaton"**, Proc. of 5th International Conference on CAD, CAM, Robotics and Factories of the Future, Norfolk, USA, December 2-5, 1990

18) A. Chandramouli, et.al. "System Dynamics Modelling and Simulation of Rail Passenger and Freight Traffic in India", Proc. of NCOTSS-90, New Delhi December 1-3, 1990

19) A. Chandramouli, et.al., "A System Dynamics Model for Regional Technical Manpower Planning", Proc. of NSC-89, pp 215-219

20) A. Chandramouli, et.al., "Social Responsibilities of Scientists, Technologists and Managements : A Systemic Case Study", Proc. NSC-88, pp 278-283

21) A. Chandramouli, et.al, "Higher Education in India : Critical Issues and Future Prospectus", Proc. of National Workshop on Technological Forecasting Towards 21st Century, April 25-29,1988 IITD.

Technical Reports

1) "Organizational Performance Improvement using Modeling and Simulation (OPIMS)" internal white paper, BPM, Tech Mahindra Ltd., February 2006.

2) "Speed up / Accelerate Improvement Activities Through Knowledge Management" Internal Report, CQO, Crompton Greaves Ltd. (CGL) 1999.

3) "Business Excellence Assessment of CGL Divisions (Both Manufacturing & Non-Manufacturing) based on European Foundation for Quality Management (EFQM)" for TQCON-99, 1999. Internal Report, CGL.

4) "Framework and Syllabus for proposed Technology Leadership Programme for CGL", 1998. Internal report, CGL.

5) **"Understanding Rapid Economic Growth" MOM Thesis, School of Management (SOM), IIT Powai, Mumbai 1998**.

6) BPR report on "Reducing the cycle time from order to dispatch" 1998, Internal report CGL,

7) **"Conceptual & Systems Design of a Knowledge Network for Organizations", MOM Thesis, SOM, IIT Powai, Mumbai 1997**.

8) **"Technological Design of a Knowledge Network", MOM Thesis, SOM, IIT Powai, Mumbai, 1997**

9) "System Study for Setting up an Economic Research & Market Intelligence Unit" for Textiles Committee, Min. of Textiles, GOI, Mumbai, Proposal report, TCS, 1997

10) " System Study and Information Systems & Technology Plan (ISTP) for Gujarat State Financial Corporaton", Ahmedabad, Report TCS, 1996

11) "Organization Restructuring Study of MegaVisa Engineering & Petrochemicals Ltd. Mumbai, Report TCS, 1995

12) "Systems Thinking / Engineering & Its Application to Software Development & Training" Internal Report, TCS, 1994

13) "Modelling of Education and Learning Systems with Applications", Ph.D. Thesis, IIT New Delhi, 1994

14) "Genetic algorithms Applications to Optimization & Parallelization" at CSE Dept., IIT Kanpur,1993

15) "Optimization Through Genetic Algorithms and Artificial Neural Networks : A Prospective View" at CSE Dept., IIT Kanpur, 1993

16) "VIII Five Year (1990-1995) Plan Document for Indian Institute of Technology, New Delhi,

1990

17) "Technical Report for Development of Laboratories in Electrical Engg." at NERIST, Itanagar, 1989

18) "Economic Dispatch with Security Constraints by Linear Programming", M.Tech Thesis, JNTU College of Engg., Anantapur, 1986

19) " Micro Processor Based Traffic Light Control" B.Tech Thesis, JNTU College of Engg., Kakinada, 1983.

TEACHING / TRAINING / ACADEMIC ASSIGNMENTS:

- May 2015 – till date

  Training of various Knowledge Areas such as Scope Management, Requirements Management, Estimation, Schedule Management, Metrics, etc. of Project Management @ Tech Mahindra, Hyderabad for APEX Program

- December 1997 – May 1998 (6 months)

  Supervised Project work of Mr. Ashish Mahajan on "Understanding Rapid Economic Growth" for Master of Management (MOM) of School of Management (SOM) degree, Indian Institute of Technology, Mumbai.

- December 1996 – May 1997 (6 months)

  Supervised Project work of Mr. B Ravi Teja on "Technological Design of Knowledge Network for Organizations" for Master of Management (MOM) degree of School of Management (SOM), Indian Institute of Technology, Mumbai.

- December 1996 – May 1997 (6 months)

  Supervised Project work of Mr. Kingsley Gonasalves on "Conceptual & Systems Design of Knowledge Network for Organizations" for Master of Management (MOM) degree of School of Management (SOM), Indian Institute of Technology, Mumbai

- August 1996 – January 1997 (6 months)

  Taught courses on Computer Languages & Programming (C++), Introduction to Computers as Visiting Faculty at Jamnalal Bajaj Institute of Management Studies,.

- March 1996 – May 1996 (3 months)

  Conducted courses on Team Learning and Systems Thinking for clients MegaVisa Engg.

- September 1994 – May 1995 (9 months)

  Taught courses on Software Testing, Requirements Engineering, Software Development Process, Systems Engineering, C-Programming, etc., for Software Professionals, at TCS.

- June 1990 – July 1991 (13 months)

    Taught courses on Computer Architecture, Data Structures, Prolog Programming at National Institute of Industrial Engineering (NITIE), Bombay (Delhi Centre)

- July 1987 – June 1990 (35 months)

    Taught Systems Engineering to UG Students as Teaching Assistant, at Indian Institute of Technology, New Delhi.

- December 1985 – May 1986 (6 months)

    Taught Electrical Measurements and Power Plant Design & Practice to UG students at RV College of Engineering, Bangalore.

Achievements:
- Successfully Mentoring budding Project Managers going through APEX Program part of Corporate Strategy of Tech Mahindra
- Managed Estimation Pricing Automation (PRIME) Project for developing a tool for Estimation Pricing for Tech Mahindra
- Project Managed Infra Build Projects for Belgian Telecom Operator
- Quality Consulting for Managed Services Operate Program for leading Australian Telecom Operator
- Successfully led the Consulting, Process & Quality initiatives for Carrier Network Services of TechM
- Successfully developed new Consulting methodologies – CRISP, EDCOGUARD and DART – for Carrier Network Services of TechM.
- Successfully led Business Presentations to Customers in countries like UK, USA, Latvia, Hong Kong, Indonesia, Philippines, etc.
- Successfully led BPM Consulting Practice at TechM handling engagements delivery on Business Transformation Solutions including Business, Information, Systems and Technology elements of an Enterprise;
- Certified PRINCE2 Practitioner
- Certified for **ITIL** foundation course;
- Completed the Training for Certification Exam for **PMP**;
- Successfully started up TechM Barcelona BPM team to Globally support for BTGS requirements
- Successfully delivered BPR exercise of Contractor Management Administration Support (CMAS) team of BT Global Services (BTGS)
- Successfully contributed in the Customer Acceptance Testing of Barcelona One Gate Process UK Roll out
- Successfully established Product Management / ORT/UAT Team in Tech Mahindra for BTGS / BT Operate;

- Successfully led as LoB Head for Business Process Management Contract with British Telecom Global Services (BTGS)
- Trained on **European Foundation for Quality Management (EFQM) Award Assessor** held during 24-26 April 2000 at New Delhi, by Confederation of Indian Industry (CII)
- **Completed ISO 9000 Internal Auditor Training** Course held during 09-10 March 2000 at Mumbai, by TQM International Pvt. Ltd., registered by International Register of Certificated Auditors (IRCA) UK.
- **Trained on SEI-CMM** held during 23-24 November 1999 at Mumbai, by National Centre for Quality Management (NCQM) and Cunix Infotech Pvt. Ltd.
- Developed Simulation Models for Solutioning of Business Problems as part of Management Consulting Assignments at TCS and Crompton Greaves.
- Contributed as Member of Organizing Committee of **Total Quality Convention** 1999 and, Technology Convention, Technocon'98 at Crompton Greaves Ltd.