



**Dr. K S Badarinarayan**  
*B.E, M. Tech, CSQC, PGDFM, Ph.D*  
MISTE, MORSI, FIIIE, FIE

### Personal Information

NAME : **Dr. K S BADARINARAYAN**

FATHER'S NAME : SHESHAPPA. K. S

DATE OF BIRTH : 02-01-1961

DESIGNATION : Principal,  
MVJ College of Engineering  
Channasandra, Near ITPB, Bangalore 5600067  
Email: [principalengg@mvjce.edu.in](mailto:principalengg@mvjce.edu.in)

RESIDENTIAL ADDRESS : No 101 Suraksha apartments,  
Belthur, Kadugodi Post  
BANGALORE - 560 067.  
Mobile: 9480182396  
E-mail: [bakesu@yahoo.com](mailto:bakesu@yahoo.com)

Family Details : Wife: Veena, House Wife  
Daughter: Sushma, Studying Final B.E. CSE  
Son: Kedar, Studying 9th Class

Hobbies : Reading Books, Listening to Music,

Languages Known : Kannada, English, Telugu, Hindi

PAN Number : AAUPB9531B

Strengths : Communication Skills, Motivation, Leadership

## ACADEMIC QUALIFICATIONS

Sl. No.	Course	University	Specialisation	Year of Passing	Division / Class
1.	B.E.,	Bangalore University	Mechanical Engineering	1984	I Class
2.	M. Tech	REC Calicut University	Industrial Engineering	1986	I Class Distinction With Hons
3.	Certification in SQC	Indian Statistical Institute	Statistical Quality Control	1990	I Class Distinction With Hons
4.	PGDFM	IGNOU	Finance	1995	I Class
5.	Ph.D	NIT, Calicut university	Flexible Manufacturing System Scheduling.	2008	

## TEACHING EXPERIENCE

23 Years of rich experience in teaching Undergraduate and Post Graduate Courses in Industrial & Production Engineering / Industrial Engineering & Management / Mechanical / MCA, MBA in various subjects .

## COURSES TAUGHT:

- Operations Research
- Quality Assurance
- Industrial Engineering
- Industrial Management
- Materials Management
- Operations Management
- Financial Management & Costing
  
- Engineering Economics , Project Planning & marketing
- Computer Techniques
- Plant Layout & Material Handling
- Product Design and Development
- Organizational Behaviour
- Statistics for Engineers

## ADMINISTRATIVE EXPERIENCE

1. Principal, MVJCE, Bangalore
2. Principal, BIT IT, Hindupur
3. Member Secretary, Governing Council, BITIT, Hindupur
4. HOD, Dept. of Industrial Engineering and Management, R.V. College of Engineering
5. NBA Co-ordinator – 2003,2007
6. In-charge College Office Automation
7. Chairman Information Centre R.V. College of Engineering.
8. Chairman, Project Monitoring Committee - IEM Dept.
9. Chairman, College Web Site Design Committee
10. Chairman, (Industrial Engineering Association (IDEA))
11. Editor – RVCE News Letter
12. Editor – BIT ICON, BIT News Letter
13. Warden RVCE Hostels
14. Chairman, BOS – IEM Board, RVCE
15. Member, BOE – IEM Board, MSRIT
16. Member, BOS – IEM Board, SIT
17. Hon. Secretary – IIIE – BC.
18. Staff Secretary – ISTE – RVCE Chapter

## PROGRAMMES CONDUCTED:

Sl. No.	Programme	Venue	Responsibility	Year
1.	Seminar on Role & Scope of Industrial & Production Engineers	R.V.C.E. & DTE Karnataka	Co-ordinator	1989
2.	Workshop on Future Challenges to Industrial and Production engineer and Techno Management Quiz	R.V. College of Engineering, Bangalore	Organiser	1991
3.	Application of Orthogonal array technique to R & D and Product development	Hotel Ashok	Faculty	1993
4.	Real time game on Inventory Management	R.V. College of Engineering, Bangalore	Faculty	1994

5.	Application of Orthogonal array technique to R & D and Product development	Hotel Ashok	Faculty	1995
6.	Communication Workshop	R.V. College of Engineering, Bangalore	Faculty	1996
7.	One day Workshop on Learn Management through Games	R.V. College of Engineering, Bangalore	Faculty	1996
8.	One day workshop on Forecasting and Strategic Planning	R.V. College of Engineering, Bangalore	Organiser	1996
9.	Fast Track Computers upto date	R.V. College of Engineering, Bangalore	Co-ordinator & Faculty	1998
10.	Workshop on effect of technology on culture.	Kriya Kalpa - R.V. College of Engineering, Bangalore	Organiser	2000
11.	ISTE-STP on Recent Developments in Total Quality Management	ISTE R.V. College of Engineering	Course Co-ordinator	2000
12.	Synergy – 2000 – A Management Festival – Marketo-Mania Event	R.V. College of Engineering, Bangalore	Organiser	2000
13.	Empowerment through Computer Education for economically Backward rural scheduled cast	SKIP - R.V. College of Engineering, Bangalore	Co-ordinator & Faculty	2000
14.	National Seminar on advances in composite and metal matrix technology – its application	R.V. College of Engineering, Bangalore	Organiser	2001
15.	Three-day Indo German workshop on “Automotive Engineering” (IGWAE-2003)	Organised by Department of IEM & Mech. Engineering, RVCE	Organiser	27 <sup>th</sup> , 28 <sup>th</sup> Feb. & 1 <sup>st</sup> March 2003
16.	One day National Seminar on “Cold Hole Expansion Technology”	Organised by Department of IEM & Mech. Engineering, RVCE	Organiser	31 <sup>st</sup> May 2003
17.	One day Seminar on Nanotechnology for Space Application	Organised by Dept of IEM & Mech. Engineering RVCE. Sponsored by ISRO	Organiser	26 <sup>th</sup> June 2004

18.	Two Weeks Faculty Development Programme on “Quantitative Models in Supply Chain Management”	Programme sponsored by AICTE and organised by the department of IEM, RVCE	Steering Committee Member	May 17-30, 2004
19.	Two-day programme on “Supply Chain Management (SCM)”	Organised jointly by R V Institute of Management and Dept. of IEM, RVCE	Organiser	July 30-31, 2004
20.	One week Short Term Training Programme (STTP) on “World Class Management Practices in Professional Institutions”	Organised by RVCE. Thro’ ISTE, sponsored by AICTE – CEP	Steering Committee Member	23 – 28 Aug. 2004
21.	Two-day Seminar on “Lean Manufacturing System”	Organised by Dept. of Industrial Engineering & Management, R V College of Engg	Co-ordinator	29 – 30 April, 2005
22.	Two day State Level Seminar on “Constitution of India and Professional Ethics”	Organised by Dept. of Industrial Engineering & Management, R V College of Engg	Co-ordinator	11 – 12 August, 2005
23.	Two week faculty development program on “Business Process Modeling”	organized by Dept. of IEM, sponsored by AICTE, at R.V. College of Engg	Steering Committee Member	17th – 29th July 2006
24.	48 <sup>th</sup> National Convention of Indian Institution of Industrial Engineering	Organised by IIIE, Bangalore Chapter	Co-opted Member	29-30 Sept. 2006
25.	Two day Techno Management Festival “SYNERGY 2006”	Organized by Dept. of IEM, at R.V. College of Engg	Advisory Committee Member	6 <sup>th</sup> – 7 <sup>th</sup> October 2006
26.	National Workshop on “Competency Mapping For Effective Performance” by Dr. P Subramanya Yadapadithaya, Prof. Mangalore University	Organized by Dept. of IEM, at R.V. College of Engg	Co-ordinator	12th May 2007
27.	One week short term training programme on “Human Resource Development”	Conducted by Indian Heritage Academy and Dept of IEM, RVCE, Bangalore sponsored by AICTE, New Delhi	Advisory Committee Member	25-29, June 2007
28.	One day seminar on “Lean Manufacturing for Global Competitiveness”	Organized in connection with Indian Institution of Industrial Engineering –Bangalore Chapter (IIIE-BC)	Advisory Committee Member	16 <sup>th</sup> – Nov. 2007
29.	Regional Conference on “Human Resource Management in Technical Education Institutions”	Conducted by Indian Heritage Academy and Dept of IEM, RVCE,	Advisory Committee Member	18 <sup>th</sup> – 20 <sup>th</sup> Dec 2007

		Bangalore sponsored by AICTE, New Delhi		
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30.	National Conference on Recent Trends in Networking, VLSI and Embedded Systems	Organized by Department of ECE, BITIT, Hindupur	Patron	26 <sup>th</sup> July 2008
31.	IETE Student Convention on Recent Trends in Electronics & Telecommunications	Organized by Department of ECE, BITIT, Hindupur	Patron	2 <sup>nd</sup> August 2008
32.	State level Conference on Present Trends in Nano – Science and Technology	Organized by Department of Humanities, BITIT, Hindupur	Patron	14 <sup>th</sup> August 2008
33.	National Conference on Emerging Technologies In Computer Applications	Organized by Department of CSE, BITIT, Hindupur	Patron	20 <sup>th</sup> August 2008
34.	National Seminar on Latest Technologies In Information Technology Field	Organized by Department of CSE, BITIT, Hindupur	Patron	25 <sup>th</sup> August 2008
35.	Campus Connect Road Show by Infosys	Organized by IEG, Hyderabad	Patron	17 <sup>th</sup> October 2008
36.	All India Conference on “Present Trends in Nano Electronics & Embedded Systems (NEES – 2009)”	Organized by Institution of Engineers (India), Kadapa Local Center	Patron	19 & 20 <sup>th</sup> January 2009
37.	Workshop on Communications Skills	Organized by Department of Humanities	Patron	17 <sup>th</sup> April 2009
38.	Two Days National Level Student Technical Paper Contest <b>BITIT DIGICON-2K9</b>	Organized by Department of ECE	Patron	17 <sup>th</sup> & 18 <sup>th</sup> Sept. 2009
39.	Two Days National Level Student Technical Paper Contest <b>BITIT VIDYUTH VYOMA</b>	Organized by Department of EEE	Patron	17 <sup>th</sup> & 18 <sup>th</sup> Sept. 2009
40.	National Level Workshop on Computer Networks	Organized by Department of CSE	Patron	12 <sup>th</sup> March 2010
41.	Workshop for MBA students on Quality Management	Organized by Department of MBA	Patron	27 <sup>th</sup> March & 15 <sup>th</sup> May 2010
42.	Electro Fair’10 Electronic Exhibition	Organized by Department of ECE	Patron	28 <sup>th</sup> September 2010
43.	National level Student Technical contest	Organized by	Patron	12 <sup>th</sup> Oct

		Department of ECE,EEE,CSE,MBA		2010
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**PROGRAMMES ATTENDED:**

Sl. No	PERIOD	SUBJECT	ORGANISERS
1	28 <sup>th</sup> May – 8 <sup>th</sup> June 1990	Recent Development in Statistical Quality Control	Indian Statistical Institute of SQC and OR Division
2	26 <sup>th</sup> Dec – 28 <sup>th</sup> Dec 1991	XXXIV Annual Convention of ORSI OR:91 Retrospect's and Prospects.	ORSI (Bangalore Chapter)
3	27 <sup>th</sup> Dec'93 – 7 <sup>th</sup> Jan'94	Fundamentals of Robotics and its applications in manufacturing.	ISTE, Bangalore.
4	23 <sup>th</sup> Jan – 28 <sup>th</sup> Jan 1995	Faculty Development Programme on Financial Management	Institute of chartered Financial Analysts of Indian, Hyderabad
5		Intellectual Property rights.	JSSIT, Bangalore
6	5 <sup>th</sup> Feb 2000	e-retailing	Organised by Asian Centre for Entrepreneurial Initiatives (ASCENT)
7	23 <sup>rd</sup> Aug 2000	Workshop on Network Economies	ORSI, Jawaharlal Nehru Centre for advance scientific and Industrial research
8	18 <sup>th</sup> – 19 <sup>th</sup> May, 2000	Two days Training programme on <b>“PROMODEL- Simulation package”</b>	Conducted by Aspire System Ltd., Madras at R V College Of Engineering
9	22 <sup>nd</sup> January, 2001	One day training programme on <b>“DOE PC4 and SPC PC4”</b>	Conducted by ABCON Information Systems, at Dept. of IEM, RVCE, Bangalore.
10	22 <sup>nd</sup> – 23 <sup>rd</sup> , February 2001	Two days training programme on <b>“QUEST – Simulation modelling package”</b>	Conducted by EDS Technologies, at Dept. of IEM, RVCE, Bangalore
11	18-19 September 2001	Two day Training Programme of ARENA Simulation Software	Conducted by ABCON Information Systems, at Dept. of IEM, RVCE, Bangalore.
12	8 <sup>th</sup> – 9 <sup>th</sup> March 2002	ISO 9000-2000 for Educational Institutions.	IIQM, Jaipur
13	20 <sup>th</sup> – 21 <sup>st</sup> March 2002	Two day <b>“Technology update and Teachers training in Supply Chain Management”</b>	Conducted by INTEL Asia Electronics In, India, Organised by Indian Institute

			of Science, Bangalore
14	6 <sup>th</sup> – 13 <sup>th</sup> November 2002	Five day training programme on <b>“Data Exploration and analysis using statistical Package”</b>	By SYSTAT India
15	6 <sup>th</sup> Oct. 2003	One Day Workshop on “ <b>Entrepreneurship Development Programme”</b>	Conducted by Consortium of Electronic Industries, at RVCE, Bangalore
16	4-6, October 2004	Three day training programme on “ <b>Sixth Sense – An ERP Package” –</b>	Conducted by Iota Technologies, Pune at Dept. of IEM, RVCE, Bangalore
17	13 – 15 September, 2005	Two days Training programme on “PROMODEL- Simulation package; Version 6.2	Conducted by JJ Team, Hyderabad at R V College of Engineering
18	3 <sup>rd</sup> December 2007	One day seminar on Integrated Vehicle Health Management	Organised by 5 <sup>th</sup> R & D Symposium, India Science Lab, Bangalore at The Leela Palace, Bangalore

### PROJECTS GUIDED

- More than 40 undergraduate projects involving application of Industrial Engineering and related techniques to live Industrial problems. (Furnished in Annexure - A)
- More than 3 postgraduate projects involving application of and related techniques to live Industrial problems. (Furnished in Annexure - B)

### TECHNICAL LECTURES DELIVERED

1. “Statistical Inference” at STTP Total Quality Management (2000)
2. Training Office Persons on Fundamentals of Computers and CSR Rules at R V College of Engineering (2001)
3. Motivating the Staff for accreditation Process at R V College of Engineering (2002)
4. A Two day workshop on Simulation Modeling and Analysis at R V College of Engineering (2002)
5. Two Day Training Programme on “ Work Simplification and Work Place Design” for operating Engineers at Spicer India, Dharwad (16-17 January 2004)
6. Two Day Training Programme on “ Work Simplification and Work Place Design” for operating Engineers at Spicer India, Dharwad (16-17 July 2004)
7. “Acceptance Planning” – at MVJ College of Engineering, Bangalore (18<sup>th</sup> August 2004)
8. “Schedule of Workshop on Lean Manufacturing System” at HAL Staff College (21<sup>st</sup> February 2004)
9. “IT as a tool in designing Courseware” at STTP on “World Class Management Practices for

- Managing Professional Institutions” at R V College of Engineering, (26<sup>th</sup> August 2004)
10. “Stress Management” at Deccan Industries, Peenya, (September 2004)
  11. “Network for Office Administration” at R V College of Engineering, (August 2004)
  12. “Orthogonal Array” at SIT, Tumkur (2<sup>nd</sup> March 2005)
  13. “DMIAC” at ABCON Ltd., Bangalore (4<sup>th</sup> March 2005)
  14. “Ergonomics” at Smt. V H D Central Institute of Home Science, Bangalore. (24<sup>th</sup> March 2005)
  15. Three days personality development programme for the students of VII Semester during 21st – 23rd August 2006
  16. “Supply Chain Management” at Basasvesvara Engineering College, Bagalkot during March 2007
  17. “7QC Tools and SPC Software Applications” during One week short term training programme on “Recent Trends in Quality Engineering and Management” organized by department of management studies, Bangalore Institute of Technology, Bangalore from 2<sup>nd</sup> to 6<sup>th</sup> April 2007.
  18. “Perceptions & Interpersonal Skills In Teaching” and “5’S Principles” on 30<sup>th</sup> March 2007 during Two weeks staff development programme on “Design & Analysis of Lean Production Systems”, organized by the Department of Mechanical Engineering, National Institute of Technology, Calicut from March 26 – April 06, 2007, under the sponsorship of All India Council for Technical Education. (AICTE), New Delhi.
  19. “Face the world with Confidence” for Women’s Empowerment and Skills Training (WEST), July 2007.
  20. “Facing Interviews” for Women’s Empowerment and Skills Training (WEST), August 2007.
  21. “Career Planning” for I Semester Students during 3rd – 4th August 2007.
  22. “Toyota way for Assuring availability in technical education programme” at IIIIE, AGM, on 26th August 2007.
  23. “Ergonomics Training”, National level Executive training programme for Anand Group of Industries during 27th – 28th September 2007.
  24. “Management of Employee Relations” Regional Conference on Human Resource Management in Technical Education Institutions during 18 – 20<sup>th</sup> December 2007.
  25. “Architecture for Knowledge Management Systems” AICTE sponsored faculty development programme on “Knowledge Management” conducted by department of Information Science and Engineering, R.V. College of Engineering, on 25<sup>th</sup> January 2008.
  26. “Team Work” faculty development programme at Global Academy of Technology, Bangalore on 30<sup>th</sup> January 2008.
  27. “Joy at work place” at Indian Heritage Academy, Bangalore on 27<sup>th</sup> June 2008 for Vigilance Officers, programme sponsored by Vigilance Commission of India
  28. “Talk delivered on NBA accreditation process” at Intell College of Engineering, Anantapur, July 2008
  29. “Talk on how to face accreditation team” at SKD, Gooty, August 2008.
  30. “Excellence in Education” at CBIT, VBIT at Prodotoor, June 2010
  31. “Statistics for Engineers” at SIT, Tumkur July 2010.
  32. “Computers in enhancing productivity” at SDGS Degree College, Hindupur, September 2010

## PERSONALITY DEVELOPMENT COURSES CONDUCTED

1. Three days Workshop on “ **Personality Development and Communication**” conducted for final year students of Sir C R Reddy College of Engineering, Eluru – 534007, Andhra Pradesh (31<sup>st</sup> July – 2<sup>nd</sup> August, 2003)
2. Two days Workshop on “ **Personality Development and Communication**” conducted for final year students of P G P College of Engineering and Technology, Namakkal, Tamilnadu (6<sup>th</sup> – 7<sup>th</sup> September, 2003)
3. Three days Workshop on “ **Personality Development and Communication** ” conducted for final year students of Sir C R Reddy College of Engineering, Eluru – 534007, Andhra Pradesh (July 22-24, 2004)
4. One day Training on “**Communication Skills**” conducted for North East Students of Rajiv Gandhi Polytechnic, Ettanagar, Arunachal Pradesh (23<sup>rd</sup> December 2005)
5. “Team work Skills” to BIT Staff & Students July 2008
6. Mentoring Classes for MBA students, June 2010

## PAPERS PUBLISHED

1. The paper entitled “**Computer Aided Line Balancing for Productivity**” published in the proceedings of XXXVI National Convention of IIIE 1994, Bangalore.
2. Co-author of the paper entitled “**Reliability analysis on Aero Engines – a case Study**” presented at the XXXVI National Convention of the Indian Institute of Industrial Engineering 1994, Bangalore.
3. K S Badarinarayana and N S Narahari (2002); “**Value Analysis on Panel Filters – A Case Study**” proceedings of 44<sup>th</sup> National Convention Indian Institution of Industrial Engineering, at Bombay. (22<sup>nd</sup> & 23<sup>rd</sup> Nov 2002)
4. K S Badarinarayana and N S Narahari (2002); “**System’s approach to Curriculum development for Operations Research course**” proceedings of International Conference of Operations Research Development (ICORD), India, conducted at Anna University, Chennai. (27<sup>th</sup> – 30<sup>th</sup> Dec 2002)
5. K S Badarinarayana and S Ramalingareddy (2002); “**Design of Pharmacy Information System – A Case Study**” proceedings of International Conference of Operations Research Development (ICORD), India, conducted at Anna University, Chennai. (27<sup>th</sup> – 30<sup>th</sup> Dec 2002)
6. K.S. Badarinarayana & Dr. M.P. Chandrasekharan (2003); “**Integer Programming Model & Scheduling of Operations for a Manufacturing Organization**”. International Conference of Asia Pacific Operations Research Society (APORS), India, conducted at New Delhi. (8<sup>th</sup> – 11<sup>th</sup> Dec 2003).
7. K S Badarinarayana and S Ramalingareddy (2003); “**Measurement Systems Analysis**” National Conference of Indian Institution of Industrial Engineering (IIIE), India, conducted at Vishakapatnam. (11<sup>th</sup> – 12<sup>th</sup> Dec 2003)

8. K S Badarinarayana and S Ramalinga Reddy (2002); **“Lean Concepts for Unlocking the Locked Situations”** 46<sup>th</sup> national convention of IIIE”, conducted at Trivandrum (24<sup>th</sup> – 26<sup>th</sup> September 2004)
9. C.K. Nagendra Guptha, K.V.S Rajeswara Rao and Prof. K.S. Badanraianaraya (2005)Abstract paper titled **“Improving Supply Chains Visibility through RFID”** 47<sup>th</sup> National Conference of IIIE to be conducted at Pune, November 2005
10. Prof. K S Badarinarayana, K N Subramanya and C K Nagendra Guptha (2005) **“Capacity Planning and Scheduling at a CNC Shop – A Case Study”**, 47<sup>th</sup> National Convention of IIIE, Conducted at Pune,11<sup>th</sup> – 13<sup>th</sup> Nov. 2005
11. S.Sreenkath, Prof. K S Badarinarayana, K N Subramanya and S Ramalinga Reddy **“Line Balancing and Visual Control of Auto Components – A case study”** 9<sup>th</sup> Annual International Conference of the Society of Operations Management, Pondicherry,16<sup>th</sup> – 18<sup>th</sup> Dec 2005
12. S Ramalinga Reddy, Prof. K S Badarinarayana and S.Sreenkath **“Capacity Planning and Optimization of the Manufacturing process of Butterfly valves ”** 9<sup>th</sup> Annual International Conference of the Society of Operations Management, Pondicherry . 16<sup>th</sup> – 18<sup>th</sup> Dec 2005
13. S Ramalinga Reddy and Prof. K S Badarinarayana **“Development of Work schedule for Nursing staff by integer Programming for a corporate Hospital”** International Conference at ORSI Conference, Bangalore, 27<sup>th</sup> – 29<sup>th</sup> December 2005.
14. D. Venugopal Setty, Dr.H.N.Narasihma Murthy and Prof. K.S. Badrinarayana, **“Lean Manufacturing At Automobile Industry – A Case Study”** 5<sup>th</sup> International Conference at ICORD Conference, Jamshedpur, 19 – 21 Dec. 2005
15. K.V.S. Rajeswara Rao, Dr. B. Bakkappa, Prof. K.S. Badarinarayana and C.K. Nagendra Guptha (2006) **“Quality of Work Life in Business Process Outsourcing Industry”** - Quality Introspect 2006 at Nagpur in March 2006.
16. C K Nagendra Guptha, Prof. K S Badarinarayana, Prof. N S Narahari(2006) **“An Overview of Emerging Reverse Supply Chain Networks”** at 48<sup>th</sup> National Convention of Indian Institution of Industrial Engineering, Bangalore(29-30 September 2006).
17. K S Badarinarayana, M P Chandrasekharan (2006) **“Minimization of distance traveled by Automated Storage and Retrieval System Machine in FMS environment using Cluster Analysis Approach”**, at 48<sup>th</sup> National Convention of Indian Institution of Industrial Engineering, Bangalore(29-30 September 2006)
18. Manasa R. Nadig, Swathi Parthasarathi, C.K. Nagendra Guptha, Prof. K.S. Badarinarayana (2006) **“Evolution Of Reverse Logistics – A Review”**, at 48<sup>th</sup> National Convention of Indian Institution of Industrial Engineering, Bangalore(29-30 September 2006)
19. K V S Rajeswara Rao, Dr.B Bakkappa, Prof.K S Badarinarayana(2006) **“H R practices in BPO Industry – A case study”** 48<sup>th</sup> National Conference of IIIE ,conducted at Bangalore (28-29 September 2006)
20. K S Badarinarayana, M P Chandrasekharan (2006) **“Generation of a sequence for scheduling Automatic Storage and Retrieval System Machine using Genetic Algorithm”**, at International Conference on Statistical Science, OR and IT, during 7 – 9 January, 2007, Tirupati .

21. D Venugopal Shetty, K S Badarinarayan, **“Design and development of Industrial Robot”** International conference on Soft computing techniques in Engineering at Faculty of engineering dept. of Computer Science & Engg., Coimbatore during 24 – 25 Jan 2007
22. Shobha N.S, Ramaa.A, and Prof. K.S Badarinarayana presented a paper on **“Toyota way of assuring quality in open distance learning institutions”** – National conference of quality assurance in ODL institutions, KSOU, Manasagangothri, Mysore held on 3 - 5 March 2007.
23. K S Badarinarayana, Vivekanand S Gogi, **“Total Quality Management in Education”** at National Conference on World Class Manufacturing Practices (WCMP-2007) on 2<sup>nd</sup> & 3<sup>rd</sup> April 2007 conducted by department of IP, Basaveshwar College of Engineering, Bagalkot.
24. K S Badarinarayana, M P Chandrasekharan (2006) **“Reduction of AS/RS Machine in Storage Area By Clustering Of Demand Data Using Simulation Modeling”**, at IIIE, 49<sup>th</sup> National Convention, Trivandrum during October 12<sup>th</sup> – 14<sup>th</sup> 2007.
25. D. Venugopal Setty, Prof. K.S. Badrinarayana and Dr. Rajagopal K, **“Productivity Improvement studies at a Renowned Garment Export Industry”** at IIIE, 49<sup>th</sup> National Convention, Trivandrum during October 12<sup>th</sup> – 14<sup>th</sup> 2007.
26. K V S Rajeswara Rao, Dr.B Bakkappa and Prof. K S Badarinarayana, **“Quality of Work Life Practices in BPO Industry – An Empirical Study”** at 9<sup>th</sup> International Conference “Management of Transformation” during 3 – 5 January 2008 at New Delhi

#### JOURNAL PAPERS

- C K Nagendra Guptha, Prof K S Badarinarayana and K V S Rajeshwara Rao (2006); **“Decision Support System for Spare Parts Management”**, Special Issue 2006, Journal of Indian Institution of Industrial Engineering.
- K V S Rajeswara Rao Dr. B Bakkappa & K S Badarinarayana: **Business Process Outsourcing- An Overview of India’s New Sunrise Industry**; GITAM Journal of Management, Vol. 5, No. 4 pp 160 -168, Oct. – Dec. 2007.
- Prof. K S Badarinarayan & RAMAA A: **Toyota Way for Assuring Quality in Technical Education Programs – The Indian Journal of Technical Education**. Vol 30 . No. 4 . October – December 2007.

#### FUNDED PROJECTS

Year	Type	Sponsored by	Title of the Project	Amount Sanctioned	Status
1999	TAPTECH	AICTE	Hi-tech multimedia seminar modules for Management & quality control training”	12 Lakhs	Completed
2006	Information Network	University Grant Commission (UGC)	Establishment of UGC-Network Resource Centre	1,70,000/-	Completed
2007	MODROBS	AICTE	Modernization of Industrial	10 Lakhs	Completed

			Engineering Laboratory		
2010	MODROBS	AICTE	Modernization of Micro Controller Lab	15 Lakhs	Completed

### CO-CURRICULAR ACTIVITIES

- Radio panel discussion on Gyana Vani (IGNOU FM Channel)
- Role of MIS in Organisations – April 4<sup>th</sup> 2002
- Organized “BIT SAARANG’ 09”
- Organized “BIT Yuv Tarang’10”

### CONSULTANCY PROJECTS:

Year	Organisation	Project Title
2002	Bharti Mobile Limited (A Bharti Enterprise) 47, Millers Tank Road, Bangalore – 52.	Labour Productivity Studies at 1. Business Control Division 2. Finance Division 3. Technical Support Division
2003	R V College of Engineering, Bangalore	Accreditation
	Spicer Indian Limited (Anand Technology Services Group) Jodalli, Dharwad, Karnataka	Design and Development of Ergonomic Rating System for evaluating and monitoring design of work place and Training
	OM Pharmaceuticals Limited Old Madras Road, Bangalore	Development of Master Layout Plan for OM Pharmaceuticals Limited
2004	R V College of Engineering, Bangalore	Office Automation
2006	M/s Universal Carburizing Works Pvt. Ltd., Mahadevapura, Whitefield Road, Bangalore – 48	Re-designing the Plant layout and improving visual communication in a mass production unit
2006	Spicer India Limited (Anand Technology Services Group) Hosur	Value Analysis and Value Engineering studies
	Indian Statistical Institute Mysore Road, Bangalore	Design and fabrication of Catapult for conduction DOE experiments.
	B.V.B College of Engineering, Hubli	Design and development of Industrial Engineering Lab experiment Set up.

	Vijayanagar Engineering College, Bellary	Design and development of Industrial Engineering Lab experiment Set up and Production Technology Lab
	J S S Academy of Technical Education Bangalore	Design and development of Industrial Engineering Lab experiment Set up.
	Bangalore Institute of Technology Bangalore	Design and development of Industrial Engineering Lab experiment Set up.
2007	Karle Group of Industries Bangalore	Design of module for recruit of Middle and Senior level executives.
	Syscon Industries	Design and development of tool measurement of Milling Tool Dynamometer
	Lincoln Helios	Design and Development of Inventory Performance and Service Level Management System
	Vee Technologies	Productivity Improvement studies
	Sansera	Productivity Studies
2008	SSIT, Tumkur	Design and development of Industrial Engineering Lab experiment Set up.

## RECOGNITION

- Recipient of ‘**Recognition of Excellence**’ award given by R.V. College of Engineering during Republic day celebration on 26<sup>th</sup> Jan 2003.

## EXAMINERSHIP:

- Examiner in the Board of Examiners, Bangalore University since 1989
- Examiner for Karnataka University since 1997
- Member of Syllabus renew committee for the “Industrial Engineering & Management” course of Bangalore University.
- Member Board of Examination in Industrial Engineering & Management.
- Chief Superintendent for JNTU Examinations

## PROFESSIONAL MEMBERSHIP

NATURE	ORGANISATION
LIFE MEMBER	Indian Society for Technical Education (ISTE) - MISTE
LIFE MEMBER Senior Member	Operations Research Society of India (ORSI), Bangalore Chapter - MORSI

FELLOW	Institution of Engineers (India) -FIIIE
FELLOW	Indian Institution of Industrial Engineering- FIE

## Principal at BITIT

### 1.0 Academic excellence initiatives

1	National Conference on Recent Trends in Networking, VLSI and Embedded Systems	Organized by Department of ECE, BITIT, Hindupur	Patron	26 <sup>th</sup> July 2008
2	IETE Student Convention on Recent Trends in Electronics & Telecommunications	Organized by Department of ECE, BITIT, Hindupur	Patron	2 <sup>nd</sup> August 2008
3	State level Conference on Present Trends in Nano – Science and Technology	Organized by Department of Humanities, BITIT, Hindupur	Patron	14 <sup>th</sup> August 2008
4	National Conference on Emerging Technologies In Computer Applications	Organized by Department of CSE, BITIT, Hindupur	Patron	20 <sup>th</sup> August 2008
5	National Seminar on Latest Technologies In Information Technology Field	Organized by Department of CSE, BITIT, Hindupur	Patron	25 <sup>th</sup> August 2008
6	Campus Connect Road Show by Infosys	Organized by IEG, Hyderabad	Patron	17 <sup>th</sup> October 2008
7	All India Conference on “Present Trends in Nano Electronics & Embedded Systems (NEES – 2009)”	Organized by Institution of Engineers (India), Kadapa Local Center	Patron	19 & 20 <sup>th</sup> January 2009
8	Workshop on Communications Skills	Organized by Department of Humanities	Patron	17 <sup>th</sup> April 2009
9	Two Days National Level Student Technical Paper Contest <b>BITIT DIGICON-2K9</b>	Organized by Department of ECE	Patron	17 <sup>th</sup> & 18 <sup>th</sup> Sept. 2009
10	Two Days National Level Student Technical Paper Contest <b>BITIT VIDYUTH VYOMA</b>	Organized by Department of EEE	Patron	17 <sup>th</sup> & 18 <sup>th</sup> Sept. 2009
11	National Level Workshop on Computer Networks	Organized by Department of CSE	Patron	12 <sup>th</sup> March 2010
12	Workshop for MBA students on Quality Management	Organized by Department of MBA	Patron	27 <sup>th</sup> March & 15 <sup>th</sup> May 2010
13	Electro Fair'10 Electronic Exhibition	Organized by Department of ECE	Patron	28 <sup>th</sup> September 2010
14	National level Student Technical contest	Organized by Department of ECE,EEE,CSE,MBA	Patron	12 <sup>th</sup> Oct 2010

## **2.0 College development initiatives**

1. NBA Accreditation to BIT IT for ECE and CSE for a period of 3 years (2009-2012)
2. Starting of Second Shift Polytechnic College at BITIT intake of 180 seats.
3. Starting of Civil at BITIT with 60 intake.
4. Starting of MBA at BITIT with 60 intake.
5. MoU with Camo and TMI
6. MODROB for establishing Microcontroller lab Rs 15 lakhs

## **3.0 Corporate social responsibility**

launched National Service Scheme (NSS) Unit in the month of October 2008. The NSS volunteers of BIT organized blood donation camp in association with Sri Satya Sai Hospital, Puttaparthi and donated 40 units of blood voluntarily

- The BIT – NSS unit organized Vana Mahotsavam on 30.12.2008
- BIT – NSS Camp at Beerepalli from 25.03.2010 to 31.03.2010
- Pulse Polio by BIT – NSS unit from 01.02.2009 to 03.02.2009
- Blind school books distribution
- One day programme on First Aid by Dr E T Rama Murthy 7<sup>th</sup> February 2009

## **4.0 Student co curricular**

- BIT Saarang'09 a cultural event of BIT was organized on 3<sup>rd</sup> January 2009
- Awareness on 108 Services 24<sup>th</sup> September 2009
- Workshop on Ragging Awareness 23<sup>rd</sup> July 2009
- Sneha Madhuri a cultural programme was organized on 12<sup>th</sup> August 2009
- BIT Product Expo organized by MBA department in the month of October 2009
- EENADU – MUNDADUGU (Workshop on RTA Act) 6<sup>th</sup> November 2009
- BIT – Yuv Tarang'10 a cultural fest of BIT was organized on 27<sup>th</sup> February 2010
- One Day workshop on How to score Good Marks in Examinations 06<sup>th</sup> Mach 2010
- One day workshop on leadership qualities by Faith Tigers, Bangalore 20<sup>th</sup> July 2010

**(Dr. K S BADARINARAYAN)**

**ANNEXURE – A**  
**Live Projects Guided – Under Graduate**

<b>SI No.</b>	<b>PROJECT TITLE</b>	<b>ORGANISATION</b>	<b>YEAR</b>
1	Systems integration and design of a Management information system	Integrated process Automation (P) Ltd.	1988 -1989
2	Quality Assurance of Spiral Bevel Gears.	H A L	1989 -1990
3	Productivity Studies on CNC – Gas Cutting Machine	Larsen and Toubro Limited.	1989 -1990
4	System Design for Computerisation of MIS for service Departments.	Ingersoll – Rand (India) Ltd.	1989 -1990
5	Interactive Scheduling	Central Machine Tools Institute	1989 -1990
6	Planning the Assembly and delivery of a new export project (Door of Airbus A - 320)	Hindustan Aeronautics Limited	1989 -1990
7	Review and Improvisation of the Ten-off Recommendations.	Hindustan Aeronautics Limited (Helicopter Division)	1990 -1991
8	Cause and effect Analysis of Rejection.	Hindustan Motors Limited.	1990 -1991
9	Rejection Analysis Of Push Button Type Dialer	Gurupriya Teletechniks	1990 -1991
10	Rejection Analysis on E-89D Push button Telephones	Indian Telephone Industries Ltd.	1991 -1992
11	Some aspects of productivity improvement.	M/S Jagadale foods pvt Ltd.,	1991-1992
12	Project Planning for fabrication of Liquid propellant tanks.	H A L (Aero Space Division)	1991 - 1992
13	Project scheduling for ECB plant at Titan.	Titan watches Limited.	1991- 1992
14	Scheduling of turbine blade operations in blade shop.	Hindustan Aeronautics Ltd (Engine Division)	1992 -1993
15	Optimization Of Wave Soldering Process Parameters	Bharat Heavy Electrical Limited (E.D.N)	1992- 1993
16	Optimisation of process parameters in steel wire rod rolling.	Bhoruka Steel Limited	1993 - 1994

17	Process study and line balancing Main assembly of CWX – 59 Audio systems.	BPL Sanyo Technologies Ltd.	1993 - 1994
18	Design of Cellular manufacturing System	Kirloskar Electric Company	1994- 1995
19	Application of Quality control techniques to Aluminium extrusions.	Jindal Aluminium Ltd.,	1994 - 1995
20	Productivity Analysis of Heavy Motors.	N G E F . Ltd.	1995 - 1996
21	Redesigning the layout of IAF Division.	John Fowler (India) Limited,	1996 - 1997
22	Tools information system and line balancing. WTB Manufacture	Hindustan Aeronautics Limited.	1996 - 1997
23	Process Study and line Balancing of woofer Assembly Unit.	BPL Engineering Ltd.	1997 - 1998
24	Pharmacy Information System	Mallya Hospital	1997 - 1998
25	Productivity enhancement of AC rotating machines by line balancing	KEC Ltd.	1998 -1999
26	Value analysis on panel filters	John Fowler (I) Ltd. Bangalore	1998 - 1999
27	Development of Production Information System	ITC Limited, Bangalore	1999 - 2000
28	Development of tool information module	Kirloskar Toyoda textile Machinery Ltd.	1999 - 2000
29	Reduction of work in process Inventory of Main Plate.	Titan Industries Ltd.,	2000 - 2001
30	Scheduling the manufacturing activities for Tool and cutter grinder	TOCOL Enterprises, Bangalore	2000- 2001
31	Productivity analysis of Manufacturing process for legend sofa bed mechanism	Path Interiors Ltd., Bangalore	2000- 2001
32	Optimising the manufacturing process of knife gate valves	Fouress Engineering (India) Ltd., Bangalore	2001-2002
33	Design and Development multimedia module on Total Quality Management	Department of IEM, RVCE, Bangalore	2001-2002
34	Design and Development of online training module on “World class manufacturing practices”	Department of IEM, RVCE, Bangalore	2001-2002

35	Design of Cellular Manufacturing System in the Blade Shop Engine Division, H.A.L.	H.A.L. Engine Division	2002-2003
36	Market Research on MID – C&C Segment Cars.	Pratham Motors Pvt Ltd Bangalore	2002-2003
37	Design & Development of AN Inter Active Multimedia CD on Engg. Economics	Dept of IE&M, RVCE, Bangalore	2002-2003
38	Lean Concepts for Unlocking the Locked Situations	Adeep Locks Ltd, KIADB Industrial Estate	2003-2004
39	Re-Design of Plant Layout	Om Pharmaceuticals.	2003-2004
40	Design of Plant Layout using Ergonomics Principles	Spicer India Ltd, Dharwad.	2003-2004
41	Capacity Management and Scheduling at CNC Shop	Hindustan Aeronautics Limited	2004-2005
42	Design Of Information System For Work Flow Monitoring	Hindustan Aeronautics Limited Aircraft Research & Design Centre	2004-2005
43	Production Scheduling using Artificial Neural Network	Dept. of IEM, R.V. College of Engineering	2005 – 2006
44	Economic Study of Externality of Bangalore Metro Project	Bangalore Metro Rail Corporation Limited, Bangalore	2006 - 2007

**Annexure – B**  
**Live Projects Guided – Post Graduate**

<b>SI No.</b>	<b>PROJECT TITLE</b>	<b>ORGANISATION</b>	<b>YEAR</b>
1	Optimization in the Conceptual and detailed design stages of Car seat structure	Altair Engineering India Pvt. Ltd. Bangalore	2006
2	Salient Features of the project work titled “Design of Indigenous Automobile Fuel Gauge”	Stumpp Scheule Somappa, Bangalore	2007
3	Computerised Facility Layout Planning	Lincoln Helios	2008