

PROFILE OF Dr C. NADHAMUNI REDDY, M.Tech., Ph.D., MISTE., M.O.R.I.S.I., FIE., PRINCIPAL, ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES:: TIRUPATI (AUTONOMOUS)

Mailing Address

Dr C. Nadhamuni Reddy,

Principal, Annamacharya Institute of Technology & Sciences::Tirupati.

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1. Professional Summary:

Visionary leader with high focus on academic excellence, multidimensional and seasoned administrator with momentous success, specialized in faculty administration, organizational leadership and curriculum development.

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|---------------------------|---|---|
| Father's Name | : | C. RAMI REDDY |
| Nationality | : | INDIAN |
| Date of Birth | : | 26-08-1963 |
| Educational Qualification | : | B.Tech (Mech)., M.Tech(I.E)., Ph.D. |
| Overall Experience | : | 33 Years (Teaching and administration) |
| Area of Specialization | : | Machine Learning, Design and Analysis of Algorithms, Industrial Engineering, Optimization, Quality and Reliability Engineering, Financial Management, Machine Design, Design Optimization, Optimization and Operations Research |

AWARDS RECEIVED

- Received the “**University Principal Award -2022**” from the affiliating university viz., JNTUA, Anantapur
- Received the “**Best Principal of an Engineering college**” – “ISTE award” for 2019-20 from Indian Society for Technical Education.
- “**Rashtriya Gaurav Award**” by “**Indian International Friendship Society**”, New Delhi received in a function at Hyderabad on 11th, March 2005.
- “**Indira Gandhi Excellence Award**” by “**Indian Solidarity Council**, New Delhi for 2005-2006.
- “**Best Education in Excellence Award**” by “**Nations Economic for Health and Educational Growth**”, New Delhi for 2008.

- “Rashtra Prathibha Purashkar” by “Integrated Council for Socio-Economic Progress”, New Delhi for 2008.

ACADEMIC AGGREGATES:

| EXAMINATION PASSED | UNIVERSITY / AGREGATE BOARD | CLASS MARKS | YEAR OF PASSING |
|-------------------------|-------------------------------|--------------------------|-----------------|
| Ph. D. (Industrial Eng) | S.K. University, Anantapur | Awarded in the year 1999 | |
| M. Tech (Indl. Eng) | S.V. University, Tirupati | 66.5% FIRST | 1990 |
| B. Tech (Mechanical) | S.V. University, Tirupati | 72.6% DISTINCTION | 1988 |
| B. Sc (Electronics) | S.V. University, Tirupati | 77% DISTINCTION | 1984 |
| Intermediate | Board of Inter Edn, Hyderabad | 76% FIRST | 1981 |
| S.S.C | Board of SSC, Hyderabad | 73.2% FIRST | 1979 |

- ✓ Certificate course on “Portfolio and Risk Management” from ISB, May and June, 2020.
- ✓ Certificate course on “Introduction to Financial Markets” from ISB, April and May and 2020

PRESENT DESIGNATION: **Professor & Principal**

- NAAC peer team member from 2019 and experienced with assessments and accreditations.
- Prepared the institutions many a times for NBA, NAAC accreditations and for obtaining Autonomy.
- Chairman of College Academic Council, Member Secretary of Governing Council, Chairman of BOS in Mechanical Engineering, Chairman of Results Committee, and Chairperson of many committees working for this organization and member in committees of other colleges.
- Patronized innumerable number of fund support workshops, International and National conferences, FDPs and STTPs, during the administrative service as Principal.

SKILLS:

- Leadership and Management
- Evaluation and Assessment
- Policy development and Implementation
- Staff Evaluation
- Team Leadership
- Curriculum and Instruction Program Design and Implementation

Teaching and administrative experience : 33 Years

- Working as **Principal** at Annamacharya Institute of Technology & Sciences:: Tirupati (Autonomous) from 3rd August 2015 till date.
- Worked as **Principal** at SVP College of Engg. Tech., Puttur from 15th June 2004 to 2nd August 2015.

- c) Worked as **Principal** for Priyadarshini College of Engg, Sullurpet, Nellore (Dt) from 1st June 2003 to 15th June 2004.
- d) Worked as Prof & Principal at Madina Engg. College, Kadapa – 516003 from 8th July 2002 to 30th May 2003.
- e) Worked as Prof & Head of Mech. Engg. at Annamacharya Institue of Technology and Sciences (AITS, Rajampet) from 1st March 2001 to 7th July 2002.
- f) Worked as Asso. Prof in the Department of Industrial and Production Engg., GPR Engg. College, Kurnool from 1st July 1997 to Feb 2001(Ratified service)
- g) Worked as Asst. Professor in Mechanical Engg. Department of GPR Engg. College, Kurnool from 27th Aug, 1990 to 30th June 1996(Ratified service) and worked as Asso. Prof in the same Department up to 30th June 1997(Ratified Service)
- h) Worked as Academic Assistant in KL College of Engg. Vijayawada, Andhra Pradesh from 30th Nov 1989 to July 30th 1990

ADDITIONAL RESPONSIBILITIES HELD:

- a) Assisted in establishing Industrial Engg. Lab & Designed experiments for this lab.
- b) Staff adviser for Mechanical Engg. Technical forum for 5 years
- c) Staff adviser for Industrial & Production Engg. Technical Forum for 3 years
- d) Mechanical Engg. Dept. Co-Ordinator for PACE 95, (Paper contest in Engg.) held on the occasion of Decinial Celebrations of the college (GPR Engg. College, Kurnool).
- e) Co-ordinated short term courses like “Computational Methods for Mechanical Engg. RDMS etc for III & IV B.Tech students.
- f) Activity involved in the design of existing curriculum for Industrial & Production Engg. Course.
- g) Discharged duties as Assistant Camp Officer for SKU Spot Valuation Camps held in the campus during 1999-2001 for 4 times.
- h) Convened every year minimum of one national seminar/conference, one workshop and one FDP from the academic year 2003 on the average.
- i) Member Board of Studies for Mechatronics Engineering at JNTUA, Anantapur from 2011-12.
- j) Convened more than 20 national level workshops and 8 national conferences and 10 students symposia in Sri Venkatesa Perumal College of Engineering & Technology on various technical subjects from 2004 to till date.
- k) Organised AP Government supported national workshop on Conservation of Water and Forests for Eco-Friendly society on March 21st & 22nd on occasion of World forest Day and World Water Day in association with AP Pollution control Board, Hyderabad.
- l) Organised 5 Entrepreneurship awareness camps in Sri Venkatesa Perumal College of Engineering & Technology, Puttur in association with Entrepreneurship Development Institute of India during 2011-12 under the Auspicious of Department of Science and Technology.

WORKSHOPS / REFRESHER COURSES :

Totally 45 days on Attended Quality Related and 12 days on Finance Related Programmes.

- a) “Quality Assurance and Management” conducted by I.I.T. Karagpur, Nov 1993.
- b) “Total Quality Management”, conducted REC Warangal, June 1995.
- c) “Total Quality and ISO9000”, conducted by TISCO, Jamshedpur, Feb 1996.
- d) “Financial Management” conducted by ICFAI, Hyderabad, Jan 1995.
- e) “Project Finance” conducted by ICFAI, Hyderabad, May 1995.

Ph.Ds : 11 - Supervised and awarded ; 4 in progress.

| S.No. | Name of the PhD scholar awarded | Title of the thesis | Year of award of PhD | University |
|-------|--|---|----------------------|---------------------------|
| 1. | Prof. U.J. Surendra Asso. Prof in Mech. Engg, SKU College of Engg, Anantapur | On A Class of optimal Replacement models in Re – Engineering | 2023 | Royalaseema university |
| 2. | Prof. V. Janardhan Babu Prof in Computer Science and Engineering, Sri Venkatesa Perumal College of Engineering and Technology, Puttur | Redundancy Design for Maximum Reliability of Computer Network (WAN) using Stochastic Dynamic Programming Technique and Simulation | 2017 | JNTUCE Anantapuramu |
| 3. | Prof A. Ramesh Reddy Asso. Prof in Mech Engg, SVCET, Chittoor | Evaluating the bullwhip effect of supply chain under uncertainty environment by using simulation techniques | 2017 | JNTUCE Anantapuramu |
| 4. | Prof. Y. Santosh Kumar Reddy, Dean, PVKN Engg College, Anantapur | Reliability design of active redundant complex system by using stochastic dynamic programming and Monte – Carlo Simulation Techniques | 2015 | JNTUCE Anantapuramu |
| 5. | Prof.Y. Hari Prasada Reddy, Principal, RU College Engg, Kurnool | Optimal replacement decisions Applicable for capital Equipments based on Macroeconomic Studies | 2014 | JNTUCE Anantapuramu |
| 6. | Prof. Srinivasulu, Prof of Mech Engg, NBKRIST, Nellore | Numerical Modeling of DI Diesel engine spray characteristics | 2014 | JNTUCE Anantapuramu |
| 7. | Prof. K. Naveen, Principal, Vemu Engg college, Chittoor | Development of Optimal Replacement model for block of Items-Discrete Markov chains Approach | 2012 | JNTU, Hyderabad |
| 8. | Prof. Gajanana Prof & Head, Vasavi Engg College, Hyd | Forecasted Inflation based replacement modeling for capital equipments | 2009 | MVSR Engg College, Hyd |
| 9. | Prof. Chandra Mohan Reddy Asso. Prof, JNTUA College of Engg, Anantapur | Dynamic Modeling of surge effect and capacity Limitation in supply chains | 2009 | JNTUCE Anantapuramu |
| 10. | Prof. A. Subrahmanyam, Dean, Academic, AITS, Rajampet | A multi evaluation criterion methodology of the performance of Processor memory Interconnection for the MIMD systems | 2008 | JNTUCE, Anantapuramu |
| 11. | Prof. K. Sathish Babu, Dean, GPIST, Kurnool | Redundancy optimization using stochastic dynamic programming | 2001 | JNTU, Hyderabad |

NUMBER OF TEXT BOOKS AUTHORED: 03

Authored 3 text books with the title

a) **Industrial Engg. & Management” for New Age International Publishers, New Delhi, published and is available in the market.**

b) **Optimization Methods & Operations Research” published by Kurnool Publishers, Kurnool and available in the market and**

c) **“Reliability and Quality Engg”, Published by Galgotia Publishers, Hyderabad and is available in the market (Reference textbook for Mechanical Engineering stream under JNTUH)**

RESEARCH PUBLICATIONS: = 86 (37 International + 49 National)

Papers Presented in International Conferences and Published in the Proceedings and in International Journals.

1. Dr. C. Nadhamuni Reddy and Dr. K. Ramya, “Study of the Behaviour of Block Replacement Model (BRM) using Higher Order Markov Chain in Varying Inflationary Economy (Accepted for the Publication in Scientific.Net)
2. Dr. C. Nadhamuni Reddy, B. Nitin Kumar and Dr. K. Kumar, “Structural Component Design Analysis of Four Column Type Hydraulic Press” (Accepted for the Publication in Scientific.Net)
3. Dr. U.J. Surendra and Dr. C. Nadamuni Reddy , “Block replacement by considering influence of inflation and time value of money on the optimal replacement policy” published in International Journal of Research, ISSN: 2348-6848, Vol.5, Issue-07, March 2018.
4. Dr C. Nadamuni Reddy, Dr. U.J. Surendra, “Case study of influence of forecasted inflation on block replacement decision using first order Markov Chain on Computer and Computer based System” published in International Journal of Anveshana’s International Journal Research in Engineering and Applied Sciences, ISSN: 2455-6300, Vol.3, Issue-03, March 2018.
5. B. Chandramohan Reddy, Dr K. Hemachandra Reddy, Dr C.Nadamuni Reddy,”Quota allocation to distributors of the supply chain under distributor’s uncertainty and demand uncertainty by using Fuzzy goal programming” published in Jordan journal of mechanical and industrial engg ISSN1995-6665 (December 2008) Vol.2 No4, pages215-226.
6. B.Chandramohan Reddy, Dr K. Hemachandra Reddy, Dr C. Nadamuni Reddy, “Simulation of surge effecting supply chain for demand uncertainty at the end customer” published in international journal of applied engg research ISSN0973-4562 vol3,no1(2008),pp61-72.
7. Dr C. Nadamuni Reddy, S. Gajanana, “Development of Replacement Model using Predicted Inflation” Published in Indian Journal of Mathematics and Mathematical Sciences, Vol2, no.2 (December, 2006).
8. Dr .C. Nadamuni Reddy, A. Subramanyam, Dr. E.V. Prasad, “A new performance evaluation methodology of multistage interconnection networks, proc. ICSCI-2007 International Conference Systemics cybernetics and informatics during January 3-7, 2007, PP 429-435.
9. Dr. C. Nadamuni Reddy, A. Subramanyam, Dr .E.V. Prasad, “performance evaluation of single stage and multistage interconnection networks connectivity in multiprocessor” accepted for publication in the international journal ANIJMIT- 2007.
10. Dr.C. Nadamuni Reddy, A. Subramanyam, Dr. E.V. Prasad, “Permutation capability and connectivity of enhanced multistage interconnection network (E-MIN)” proceedings of XIV international conference ADCOM-2006, IEEE Technical Activities USA, held at NIT, Suratkal, 20-23, Dec 2006, PP 8-12.

11. Dr. C. Nadhamuni Reddy & Mr P. Pattabhi Reddy, optimal redundancy of three unit series system – SDP approach, a paper accepted of presentation at International Conference on Computers and IE at Istanbul University, Faculty of Management, Turkey to be held in June, 2005.
12. Dr. C. Nadhamuni Reddy, Reliability Redundancy design-simulation approach, a paper accepted for presentation at International Conference an Scientific Computing to be held during June 5th to 8th 2005 at Nanjing, China
13. Dr. C. Nadhamuni Reddy, Renewal and maintenance model for a group of items whose capital costs are negligible and maintenance costs are significant, a paper accepted for publications in the journal of Quality in Maintenance Engg.
14. Dr. C. Nadhamuni Reddy, Group Replacement Model – NPV Criterion, a paper published in the journal of Microelectronics and Reliability, U.K Feb 1998.
15. Dr. C. Nadhamuni Reddy & Mr C. Umashankar, Optimal selection of core materials for an electrical system, a paper published in the journal of Microelectronics and Reliability, U.K Aug 1997.
16. Dr. C. Nadhamuni Reddy & Mr C. Umashankar, Design of Redundancy of a series system – SDP, a paper accepted for presentation at V. International Conference of the Association of Asian -Pacific Operations Research Societies on Operations Research in the New Millennium, held at Kent Ridge Digital Labs, Singapore during 5th to 7th July, 2K and the paper is in the web site created by Kent Ridge Digital Labs.
17. Dr. C. Nadhamuni Reddy & Mr C. Umashankar, selection of maintenance strategies for logistics maintenance system a paper accepted for presentation at V. international conference of the Association of Asian-Pacific Operations Research Societies on Operations Research in the New Millennium, held at Kent Ridge Digital Labs, Singapore during 5th to 7th July 2K and the paper is in the web site created by Kent Ridge Digital Labs.
18. Dr. C. Nadhamuni Reddy & Mr C. Umashankar, Block Replacement model with two intermediate states using Markov Chains, a paper presented at International Conference on Operations Research and Industry Nov 1999.
19. Dr. C. Nadhamuni Reddy & Mr Durai Prabhakaran, Redundancy design of four stage series system, a paper presented at International Conference Operations Research and Industry, by SVU College of Engg. Tirupati during 19th to 21st Dec 1999.
20. Dr. C. Nadhamuni Reddy & Mr C. Umashankar, Route Scheduling – Comparison of VAM and Ranking Techniques, a paper presented at International Conference on Operations Research and Industry, by SVU College of Engg. Tirupathi during 19th to 21st Dec 1999.
21. Dr. C. Nadhamuni Reddy & Mr C. Umashankar, block replacement using Markov Chains, a paper presented at International conference on Operations Research and Industry (ORSI Convention held at Agra, India during 19th to 21st 1998.
22. Dr. C. Nadhamuni Reddy & Mr C. Umashankar, Inflation and it's Predicting Techniques, a paper presented at International conference on Operations Research and Industry ((ORSI Convention) held at Agra, India during 19th to 21st 1998.
23. Dr. C. Nadhamuni Reddy & Mr C. Umashankar, Optimal Unit Commitment of a power system-DP approach, a paper presented at International conference on Operations Research and Industry (ORSI Convention) held at Agra, India during 19th to 21st 1998.
24. Dr. C. Nadhamuni Reddy & Mr C. Umashankar, Reliability optimization of a series system – A Search Technique, a paper presented at International conference on Operations Research and Industry (ORSI Convention held at Agra, India during 19th -21st 1998.
25. Dr. C. Nadhamuni Reddy & Mr C. Umashankar, Optimization of system reliability dynamic programming approach, International Conference on stochastic processes and numerical modeling held at Utkal University, Bhubaneswar, Jan 6th to Jan 8th, 1997.

26. Y. Santosh Kumar Reddy^{1*}, C. Nadha Muni Reddy² and K. Hema Chandra Reddy³, “ Stochastic Redundancy allocation problem using simulation”, Journal of Engineering and Technology Research Vol. 3(10), pp. 287-291, 22 September, 2011
27. Y. Santosh Kumar Reddy, Dr C. NadhaMuni Reddy and Dr. K. Hema Chandra Reddy, ” Simplifying the Solution of Stochastic Redundancy Allocation Problems Using Stochastic Dynamic Programming Technique”, International Journal of Industrial & Production Engineering & Technology, ISSN 2249-4219 Volume 1, Number 2 (2011), pp. 81-95.
28. Y.Santhosh Kumar Reddy, Dr.K.Hemachandra Reddy, Dr.C. Nadhamuni Reddy, “ Maximum Reliability Path in Bridge networks- Monte Carlo Simulation”, International Journal of Emerging trends in Engineering and Development, ISSN 2249-6149 Issue1, Vol. 3(November-2011), pp: 337- 341.
29. Naveen Kilari, Dr. C Nadhamuni Reddy, Dr. B Balu Naik (2009), “ Development of mathematical model for block replacement of Electronic Systems with Second Order Markov Chain”, Indian Journal of Mathematics and Mathematical Sciences (ISSN 0973-3329), Vol. 7, No.1, June 2011, pp:1-11.
30. Naveen Kilari, Dr. C Nadhamuni Reddy, Dr. B Balu Naik (2011), “Development of Mathematical Model for Group Replacement of Electronic system using Markov Chains”, International Journal Technology Today (ISSN 2180-0987), Vol. III, Issue 1, January 2011, pp: 175-182.
31. Naveen Kilari, Dr. C Nadhamuni Reddy, Dr. B Balu Naik (2011), “First Order Markov Chain Modeling for Replacement of Computers”, International Journal of Applied Engineering Research (ISSN 0973 -4562), Vol. 6, No. 7, 2011, pp: 861-870.
32. Naveen Kilari, Dr. C Nadhamuni Reddy, Dr. B Balu Naik (2011), “ Block Replacement Modeling for Electronic Systems with Higher Order Markov Chains”. IUP Journal of Computational Mathematics (ISSN 0974-6544). Vol. No.2, June 2011, pp: 49-63.
Naveen Kilari, Dr. C Nadhamuni Reddy, Dr. B Balu Naik (2011), “ Reengineering treatment in Block Replacement Decisions Using Higher Order Markov Chains”, IUP Journal of Operations Management (ISSN 0972-6888), Vol. X, No.4, 2011, pp: 1-17
33. Janardhan Babu V, Nadhamuni Reddy C, Govardhan A, “Wide Area Network’s Reliability Redundancy Design Using Simulation” published in International Journal on Computer Science and Engineering (IJCSE) Paper ID: IJCSE11- 03-10-077.
34. Mr. Naveen and Dr C. Nadhamuni Reddy, “Development of Mathematical Model for group replacement of electronic system using Markov Chains published in the journal of technology today Malasia, ISSN-2180-0987 January 2011.
35. Dr. M.V. Subba Reddy, Dr. C. Nadhamuni Reddy, B. Jayarami Reddy and S. Harinath Reddy, “Peristaltic Motion of a Williamson Fluid through a Porous Medium in a Symmetric Channel” International Journal of Civil Mechanical Engineering, ISSN 2250-3218 Volume 2, Number 1 (2012), pp. 1-15.
36. Dr. B. Jayarami Reddy, Dr. M. V. Subba Reddy, Dr. C. Nadhamuni Reddy and P. Yogeswar Reddy, “Peristaltic flow of a Williamson fluid in an inclined planar channel under the effect of a magnetic field” Advanced applied science research (ISSN: 0976-8610), March 2012, 3(1), pp: 452-461.

PAPERS PRESENTED AT VARIOUS NATIONAL CONFERENCES AND PUBLISHED IN THE PROCEEDINGS AND IN NATIONAL JOURNALS.

1. A Study on Performance Appraisal System in Sri Varsha Food Products India Pvt. Ltd., Tirupati
B. Gayathri and Dr. C. Nadhamuni Reddy, International Journal of Advances in Engineering and Management, 6 (2004), 842-847
2. A Study on Recruitment and Selection Process at APSPDCL, Tirupati
P. Rishitha and Dr. C. Nadhamuni Reddy, International Journal of Humanities Social Science and Management, 4 (2024), 29-34
3. A Study on Working Capital Management in APSPDCL, Tirupati

- B. Gayathri and Dr. C. Nadhamuni Reddy, Journal of Emerging Technologies and Innovative Research, 11(2024), 1699-1707
4. A Study on Financial Analysis- ALTMAN'S Z-Score model in APSPDCL, Tirupati
Y. Bhuvana and Dr. C. Nadhamuni Reddy, International Journal of Research and Analytical Reviews (IJRAR), 11(2024), 118-124
 5. Dr. C. Nadamuni Reddy, and Dr. S. Kishore, International Conference on "Glass Ceiling : Issues and Challenges on Women Career Development in Educational Institutions" and presented a paper entitled "Statistical Analysis of Survey on Gender Equity parameter in schools of Rayalaseema Region" organised by AITS, Tirupati dated 25th- 27th, March 2021.
 6. Dr.C. Nadamuni Reddy, International Conference on "Glass Ceiling : Issues and Challenges on Women Career Development in Educational Institutions" and presented a paper entitled "Invisible forces to Glass Ceiling among women in Organisations" organised by AITS, Tirupati dated 25th- 27th, March 2021.
 7. Dr.C. Nadamuni Reddy, A. Subramanyam, Dr.E.V.Prasad, "E-MIN: An efficient cost effective fault tolerant network for multiprocessor systems", Journal of Computer Science in March-April 2007, volume 2, number 5, PP 378-388.
 8. Dr.C. Nadamuni Reddy, A. Subramanyam, Dr. E.V.Prasad, "performance of processor memory interconnection networks" proc. Of 2nd national conference on Mathematical and Computational models NCMCM-2003, Dec 11-12, 2003, PP 389-394.
 9. Dr. C. Nadhamuni Reddy, Logistics in physical distribution management, a paper presented at National Conference on recent trends in production and industrial Engg., held at GPR Engg College, Kurnool on 9th Dec 2002.
 10. Dr. C. Nadhamuni Reddy, performance of processor-memory inter connection networks, a paper presented at 2nd National Conference on Mathematical and Computational models held at PSG Tech., Coimbatore during December 11th to 12th 2003.
 11. Dr. C. Nadhamuni Reddy, ISO models and their applications, a paper presented at National Conference on Mechatronics and quality held at Lakshmi Narain Institute of Technology., Bhopal during 8th -9th April 2002.
 12. Dr. C. Nadhamuni Reddy, QC tools for improving quality of a non-manufacturing situation (teaching – learning process) a paper presented at National Conference on Mechatronics and Quality held at Lakshmi Narain Institute of Technology, Bhopal during 8th to 9th April 2002.
 13. Dr. C. Nadhamuni Reddy, Cause and Effect Diagram with the addition of cards (CEDAC) for teaching-learning process, a paper presented at National Conference on Entrepreneur Development held at SVUPG Centre, Kavali during 9th to 10th March 2002.
 14. Dr. C. Nadhamuni Reddy, Productivity improvement through manufacturing resource planning (MRPII) a paper presented at National Conference on Entrepreneur Development held at SVUPG Center, Kavali during 9th to 10th March 2002.
 15. Dr. C. Nadhamuni Reddy, Entrepreneur development through Kaizen Philosophy, a paper presented at National Conference on Entrepreneur Development held at SVUPG Center, Kavali during 9th to 10th March 2002.
 16. Dr. C. Nadhamuni Reddy & Miss Nirmala, Logistics in Physical Distribution Environment Comparison of VAM and savings criterion, a paper published in the journal of Indian Institution of Industrial Engg., Mumbai in September 2003.
 17. Dr. C. Nadhamuni Reddy & Miss Vijitha, Multi Period Capital Rationing – LP approach, a paper published in the journal of Indian Institution of Industrial Engg, Mumbai in Oct 2003.

18. Dr. C. Nadhamuni Reddy, Mr Satish Babu & Miss Prasanthi, Optimal selection of materials for a service system – Dynamic programming approach, a paper published in the journal of Indian Institution of Industrial Engg., Mumbai, Vol XXIX, No. 11, Nov 2000.
19. Dr. C. Nadhamuni Reddy, Mr Satish Babu & Miss Prashanthi, Optimal selection of materials for a service system, a paper presented at 41st National Convention of Indian Institution of Industrial Engg., held at Visakapatnam during 17th to 18th Dec 1999
20. Dr. C. Nadhamuni Reddy & Vijitha, Multi Period Capital Rationing- LP Approach, a paper presented at 42nd National Convention of Indian Institution of Industrial Engg., held at Coimbatore.
21. Dr. C. Nadhamuni Reddy & Miss Nirmala, Logistics in Physical Distribution Environment, a paper presented at 42nd National Convention of Indian Institution of Industrial Engg., held at Coimbatore.
22. Dr. C. Nadhamuni Reddy & Mr Hari Prasad, CEDAC for improving the productivity of teaching learning process, a paper presented at 42nd National Convention of Indian Institution Industrial Engg held at Coimbatore.
23. Dr. C. Nadhamuni Reddy, Logistic Support System Design-A Case Study in a Road Transport Corporation, a paper communicated to the journal of Quality in Maintenance Engg.
24. Dr. C. Nadhamuni Reddy, “Role of Probability distributions in Quality Improvement”, a paper presented at IV Annual Conference of Indian Society for Information theory and it’s applications, on the theme Modeling, Optimization and Information Theory in Managerial Decisions, held at Bundelkhand University, Jhansi during Jan 14th to 16th 2000.
25. Dr. C. Nadhamuni Reddy, Numerical Modeling of Variability Quality Improvement, a paper presented at IV Annual Conference of Indian Society for Information theory and it’s applications, on the theme Modeling, Optimization and Information Theory in Management Decisions, held at Bundelkhand University Jhansi during Jan 14th to 16th 2000.
26. Dr. C. Nadhamuni Reddy, Batch Production Scheduling-Traveling Salesman Technique, paper communicated to the Indian journal of Industrial Engg., Mumbai.
27. Dr. C. Nadhamuni Reddy, Batch Production Scheduling-Clark’s algorithm, a paper communicated to the Indian Journal of Industrial Engg., Mumbai.
28. Dr. C. Nadhamuni Reddy, Comparison of years of Digits and Reducing Balance in Replacement Model for Capital Equipment, a paper presented at National Conference on Technology Management beyond 2000, Nanded during Nov 23rd to 24th 1999.
29. Dr. C. Nadhamuni Reddy, influence of Depreciation Methods in replacement Model for Capital Equipment, a paper presented at National Conference on Technology Management beyond 2000, Nanded during Nov 23rd to 24th 1999.
30. Dr. C. Nadhamuni Reddy, Software based inventory maintenance for Consumables in Mechanical Engg Labs of an Engg College, a paper presented at National Conference on recent trends in Production and Industrial Engg held at GPR Engg College, Kurnool on 9th Dec, 2002.
31. Dr. C. Nadhamuni Reddy, Generation of part program using Graphical Numerical Control (GNC), a paper presented at National Conference on Technology Management beyond 2000, Nanded during Nov 23rd to 24th 1999.
32. Dr. C. Nadhamuni Reddy, Portfolio Problems-Statistical tools, a paper communicated to Indian journal of Industrial Engg.
33. Dr. C. Nadhamuni Reddy & Mr K. Satish Kumar, Total Quality in Technical Education, a paper contributed to a National Seminar on Restructuring of Technical Education System for Better Efficiency and Effectiveness, held at V.R. Siddartha College of Engg., Vijayawada, 5th to 6th 1997.

34. Dr. C. Nadhamuni Reddy & Mr K.L. Pillai, Thermophoretic deposition in Gas Turbine Flows, a paper presented at 2nd National Conference on Fluid Machinery, PSG College of Technology, Coimbatore, June 1996.
35. Dr. C. Nadhamuni Reddy, Project Control, a paper presented at National Conference on Project Management, held at Palakkad during Dec 22nd to 23rd 1995.
36. Dr. C. Nadhamuni Reddy, Techniques of risk analysis of projects, National Conference on Project Management, held at Palakkad during Dec 22nd to 23rd 1995.
37. Dr. C. Nadhamuni Reddy, Block, Combined influence of inflation and cost of money in replacement decisions, National Conference on Statistical Quality Control held at Guntur during 29th 30th Jan 1997.
38. Dr. C. Nadhamuni Reddy, Replacement model for capital equipment, a paper presented at the National Conference of Quality and Reliability (NCQR-97) held at Mysore during 5th to 7th Dec 1996.
39. Dr. C. Nadhamuni Reddy, Block Replacement model with two intermediate states, a paper presented at the National Conference of Quality and Reliability (NCQR-97) held at Mysore during 5th to 7th Dec 1996.
40. Dr. C. Nadhamuni Reddy, Markov Chains in Group Replacement Decision, a paper presented at the 38th National Conference of Indian Institution of Industrial Engg., Mumbai, 6th to 7th Dec 1996.
41. Dr. C. Nadhamuni Reddy & Prof. S. Raghu Ramulu, Determination of Optimal Portfolio, a paper published in Indian Journal of Industrial Engg., Mumbai, Vol 27, Oct 1998.
42. Dr. C. Nadhamuni Reddy, Ratio analysis for the prediction of a firm's sickness, a paper published in Indian journal of Industrial Engg., Mumbai, 1995.
43. Dr. C. Nadhamuni Reddy, Process control charts for detecting small shifts in process mean, paper published in Indian Journal of Industrial Engg., Mumbai, on April 1995.
44. Dr. C. Nadhamuni Reddy & Prof. Raghu Ramulu, Computer Aided Spare Parts Inventory Management, a paper published in Indian journal of Industrial Engg., Mumbai, July 1996.
45. Dr. C. Nadhamuni Reddy, Simulation of project networks, a paper published in Indian journal of Industrial Engg., Mumbai on April 1995.
46. Dr. C. Nadhamuni Reddy, Scheduling system in General Hospital, a paper published in Indian journal of Industrial Engg., Mumbai Feb 1995.
47. Dr. C. Nadhamuni Reddy, PDS with a software package for route scheduling, a paper published in Indian journal of Industrial Engg., Mumbai, Vol 14, July 1995.
48. Dr. C. Nadhamuni Reddy, Selection of facility location, a paper presented at National Conference on Operations Research held at REC, Kurukshetra on March 1996.
49. Dr. C. Nadhamuni Reddy & Mr P.V. Reddy, Special cases in traveling salesman problem, a paper published in Indian journal of Industrial Engg., Mumbai, Vol 25, Mar 1997
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