

## PROFILE OF HEAD OF THE DEPARTMENT

Name : Dr. Kurnool Rajagopal

Designation: Professor and HOD

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Educational Qualifications :

Name of the degree	Specialization	Name of the College and University	Year of passing	Class obtained
Ph.D	Industrial Engineering Topic: Some studies on productivity measurement and improvement in small scale industries using Management science and decision support systems	S.V. University, Tirupati.	1998	
M.Tech.	Industrial Engineering	S.V.University, Tirupathi	1984	First Class
B.Tech.	Mechanical Engineering	JNTU, Anantapur	1982	First class

Books published:

Title	Year of Publication
Analysis and Control of Production systems and Operations and Production Management	CBS Publishers and Distributors
Operations Research	PHI Publishers , New Delhi

Experience:

S.No.	Name of the Institution	Designation	Period
1	K.S.R.M College of Engineering, Kadapa	Assistant professor	1985-1990
2	K.S.R.M College of Engineering, Kadapa	Associate professor	1990-2004
3	K.S.R.M College of Engineering, Kadapa	Professor	2004till date

Specialization:

1. Operations Research
2. Group Technology
3. Flexible Manufacturing Systems
4. Inventory Control
5. Decision Support Systems
6. Productivity Engineering
7. Project Management

Subjects taught:

Degree	Branch	Subjects
B.Tech.	Mechanical	Operation Research, Analysis and control of production systems, Production planning and control ,project Management, Productivity Engineering and Inventory control
	Computer science and IT	Computer oriented quantitative techniques
	Electrical Engineering	Optimization techniques
M.Tech.	CAD& CAM	Optimization Techniques and operations planning and control

Projects Guided:

Name of the degree	Total Number of students
Ph.d	(Three awarded , One submitted and Five are in completion stage)
M.B.A	5
M.Tech.	10
B.Tech.	40

Awards Received:

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| <ol style="list-style-type: none"><li>1. Best paper award in industrial engineering journal for the year 1997, for the paper entitled “Optimal project scheduling under Multiple Constraints”.</li><li>2. Best paper award in industrial Engineering journal for the year 1998 for the paper entitled “Studies pertaining to project productivity measurement in SSI units”.</li></ol> |
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### **PAPERS PUBLISHED IN JOURNALS**

1. “The process of measuring productivity in a single project environment”, Journal of decision and matematika sciences, volume 1, No.1-3, Jan.-Dec., 1996.
2. “Project productivity”, Jan., 1997, Industrial engineering journal.
3. “Productivity maximization in a multi resource constraints”, Institution of Engineers, Volume77, Nov.1996.

4. "Optimal project scheduling under multiple resource constraints", Industrial Engineering Journal, Volume XXVI, No.4, April, 1975.
5. "Development of Decision support system for SSI project management", Feb2004, Industrial Engineering journal.
6. "Heuristic method of project scheduling under multiple resource constraints", Volume13, No.2, May.-Aug.1997, International journal of management and systems.
7. "Productivity improvement model in production scheduling", Volume XXVI, No.10, Oct.1997, Industrial Engineering journal.
8. "Enhancement of productivity through productivity improvement program", VolumeXXV, No.9, Sep.1996, Industrial Engineering Journal.
9. "Multi objective resource constrained project scheduling", Volume78, Nov.1997, Journal of the institution of Engineers.
10. "Productivity Maximization in multi product scheduling under multiple resource constraints", Volume 77, PP.79-81, Nov.1996, Journal of institution of engineers.
11. "Study of effect of project delay on project productivity in small scale units" Finance India, Volume XI, No.2, PP.335-342, June1997, Finance India.
12. "Minimization of project cost under multiple resource constraints and project duration constraint", Volume XI, No.1, March 1997, Finance India.
13. "Aero thermo dynamic Optimize action of a Hypersonic Winged Re-entry Vehicle Using CFD", International journal of engineering research in technology, ISSN: 2278-0181 Vol.3 Issue7, July 2014
14. "Recent Advancements In Aero Thermodynamic Design Optimization Of Spiked Hypersonic Winged Re-entry Vehicle Using CFD", Vol.3 Issue8, International journal of engineering research in technology, Aug 2014
15. "Issues and changes related to Dynamic resource allocation policies in road transport sectors", International journal on recent researches in science engineering and technology, Vol.2, Sep 2014
16. "Dynamic resource allocation in Road Transport Sector using mobile cloud computing techniques", International journal of Mechanical Engineering, Vol.5, issue II, Nov 2014.
17. "Models for solving machining loading problems on flexible manufacturing system", Aditya International, Vol.1 Issue 12, MAY 2012
18. "Models for solving machining loading problems on flexible manufacturing system", Aditya International, Vol.1 Issue 12, MAY 2012
19. "journal of research technology and management blow mould tool design and manufacturing process for 1 litre pet Bottle", International organization of scientific research, Vol.8 Issue 1, July-Aug 2013
20. "Decision support systems (DSS) for capacity planning- A case study", International journal of advanced research in computer science and management, Vol.1, sep-2013.
21. "An Approach to measure machine group flexibility in FMS A case study", ADITYA International journal of research in technology and management, Vol.1, sep2011.

## PAPERS PRESENTED IN CONFERENCES

1. "A model for integrated process planning ,production planning, scheduling and controlling in an assembly facility, a case study", proceedings of the national conference on computer applications in mechanical engineering, CAME2005
2. "Prediction of performance of SSI units using discriminate analysis by measuring productivity ratios", proceedings of the national conference on computer applications in mechanical engineering, CAME2005
3. "Process planning with alternative plans", NATCON, MSRI, ME 2004.
4. "International conference on Stochastic models, optimization techniques and computer applications", (ICSOC-94), Dec. 15-17, 1994.

## WORKSHOPS ATTENDED

1. "Non -conventional energy systems", March1989, J.N.T.U Anantapur.
2. "Small industry orientation program", SIET institute, 1982, Hyderabad.

## MEMBERSHIPS

1. Fellow in the institution of engineers India.
2. Life member in the Indian society of technical education