

# Dr. Janardhan Karanrao Mane

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## Address for Correspondence

Asst. Professor  
Department Mathematics,  
Sanjeevane Mahavidyalaya Chapoli, Tq. Chakur,  
Dist. Latur

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## EDUCATIONAL QUALIFICATION

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### **Ph.D. (Mathematics) Awarded in January 2013**

Thesis Topic: **"Some Contribution of Scheduling Problem in Operations Research"**

Department of Mathematics,  
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad,  
(Maharashtra)

### **M.Sc. (Mathematics) B+ in 2008**

Department of Mathematics,  
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad,  
(Maharashtra)

### **B.Sc. (Physics, Mathematics, Electronics) First Division in 2006**

Awarded by Dr. Babasaheb Ambedkar Marathwada University,  
Aurangabad, (Maharashtra). (Shri. Chatrapati Shivaji College, Omerga Dist-  
Osmanabad)

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## AREAS OF INTEREST

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*"Applied Mathematics"*

**SPELISATION: "Operations Research"**

### **❖ Teaching and Research experience**

Institute	Post held	Date of Joining
Sanjeevani Mahavidyalaya, Chapoli Tq. Chakur Dist. Latur	Asst. Professor	25/11/2014

### Supervisor Post Graduate/M.Phil./Ph.D. students

Post Graduate : - Yes  
M.Phil : - Nil  
Ph.D. (Research Supervisor) : - Yes

### University level Committees

BOS :-Nil  
University exam squad :-Yes  
Paper setter :-Yes

### Member of Organizing Committees

- 1) Member of Organizing Committee Poster Presentation competition organized by Sanjeevanee Science Club, Sanjeevanee Mahavidyalaya, Chapoli, Tq. Chakur, Dist. Latur dated 28<sup>th</sup> Feb, 2020 (Science day) in

### Research Publications

1. Papers Published in National/International Journals : - 09
2. Papers Presented in Workshop /State / National/ International Conferences: - 13
3. The Workshop/Seminar/ Conference/Short Term Course Participated: - 12

### Conference Resource Person/Chairman/Co-chairman of the session

1. Co-chairman :- Nil
2. Resource Person : - 02

### Refresher/Orientation/Short Term Courses/Training

1. Orientation Course :-01
2. Refresher Course :-01
3. Short Term Course :-01
4. FDP :-01

### Papers Published in National/International Journals (09)

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1. **Mane, J. K. and Ghadle, K. P.:** Multi-Jobs in Single Machine Scheduling Problem with Non-Linear Deteriorated and Time-Dependent Learning. *International Journal of Statics and System (IJSA)* Volume 2, Number 1, pp. 27-34, 2012.
2. **Mane, Janardhan K. and Ghadle, K. P.:** A Note on Flow Shop Scheduling Problem with Increasing and Decreasing Linear Deterioration on Weighted Dominant Machine. *Journal of Statistics and Mathematic*, Volume 2, Number 2(2011), pp. 55-58.
3. **Mane, Janardhan K. and Ghadle, K. P.:** Common Due-Date Assignment and Job Scheduling on Single Machine and Parallel Machines, *Bulletin of Society for mathematical services & standards (B SO MA S S)*, Vol. I No. 1 (2012), pp. 27-37.
4. **Mane, Janardhan K. and Ghadle, K. P.:** Assignment Problem Heuristic Algorithm to Minimize Makespan on Non-identical Parallel Machines, *Bulletin of Society for mathematical services & standards (B SO MA S S)*, Vol. I No. 1 (2012), pp. 11-17.
5. **Mane, Janardhan K. and Ghadle, K. P.:** Maintenance Activity Single-Machines Scheduling and Due-Date Assignment Simultaneously. *International Journal of Mathematical Engineering and Science*. ISSN: 2277-6982 Volume 1 Issue 4 (April 2012).

6. Gaikwad, P. B., Ghadle, K. P and Mane, J. K.: An Inverse Thermoelastic Problem of Circular Plate. *Bulletin of Society for mathematical services & standards (B SO MA S S)*, Vol. I No. 1 (2012), pp. 19-26.
7. Dr. Janardhan K. Mane.: New Flow Shop Scheduling Problem With Increasing and Decreasing on Graphical Method Weighted Dominant Machines. [Online@www.ijtrd.com](http://www.ijtrd.com). Mar-Apr 2018.
8. Dr. Janardhan K. Mane and Mahesh S. Wavare.: A Comparative Analysis of Mathematical Linear Programming Problem. *Aayushi International Interdisciplinary Research Journal*. ISSN 2349-638x Special Issue No. 48.
9. Mahesh S. Wavare, Dr. J.K. Mane and Anil Thenge., *International Journal of VRJFPS*. ISSN 2348-7976 Issue : XII, Vol.-1. Jan 2019 to June 2019.

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#### **Papers Presented in Workshop /State / National/ International Conferences (13)**

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1. Mane Janardhan K. and Ghadle K. P.: *Comparative Study of Dispatching Rule for Job Shop Scheduling Problem*. *International Conference on Recent Technologies, Pune, held on 09<sup>th</sup>, 10<sup>th</sup>, and 11<sup>th</sup> February, 2012 at Institute of Knowledge College of Engineering, pune.*
2. Mane Janardhan K. and Ghadle K. P.: *"A Heuristic for Common Due-Date Assignment on Non-Identical Machines"* UGC Sponsored National Conference on Interface between Statistics and other Sciences held at Department of Statistics Dr. B.A. M. University, Aurangabad.
3. Mane Janardhan K. and Ghadle K. P.: *"Common Due-Date Assignment and Job Scheduling on Single Machine and Parallel Machines"* National Conference on Mathematical Science & Engineering Applications NCMSEA-2k12 conducted in BITS VIZAG on 10<sup>th</sup> & 11<sup>th</sup> of March, 2012.
4. Mane Janardhan K.: *"The study of scheduling problem using priority rule"* National conference on Recent trends in Pure and Applied Mathematics held on science college, Nanded, 9-11 January, 2014.
5. Dr. Janardhan Karanrao Mane.: *"Study of Improving Job Shop Performance by Coordinating Dispatching Rule"* Pre Science Congress-2014 Conference on Science and Technology for human Development on Dec 30-31 ,2014 held at Dr. B.A. M. University, Aurangabad.
6. Dr. Janardhan K. Mane.: *"Mnimizing the Average Derivation of Completion Time about a Common Due Date"*. National conference on Recent trends in Mathematics ans its Applications held on 12<sup>th</sup> & 13<sup>th</sup> Sept 2015 at Mungasaji Maharaj Mahavidyalaya Darwha, Dist. Yavatmal (M.S).
7. Dr. Janardhan K. Mane.: *"State of the Survey of Dispaching Rules for Manufacturing Job Shop"* NBHM Sponsored National Conference on Recent trends in Mathematics held on Tata Institute of Social Sciences Tuljapur Campus at 15-16 June 2016.
8. Dr. Janardhan K. Mane.: *"A study of New Dispaching Rules for Scheduling Problem in a Flowshop"* National Conference on Recent trends in

Mathematics, held at P.G. Department of mathematics, yogeshwari Mahavidyalaya, Ambajogai during 10-11 Feb 2017.

9. **Dr. J.K. Mane.:** *"Analysis of Dispatching Rules in Job-Shop Scheduling Problem Using Optimisation"*. International Conference on Mathematical Analysis and its Application, Organized by Department of mathematics, , Dayanand Science College Latur, uring March 5-9,2017.
10. **Dr. J.K. Mane.:** A Resource person for One Day Regional Workshop on Madhava Mathematics Comptetions for UG Students Delivered Talk on *"Number Theory"* At Mahatma Basweshwar Mahavidyalay, Latur on Dated 2 Jan 2018.
11. **Dr. Janardhan K. Mane.:** *"Flow Shop Scheduling problem with Deteriorating Job under Dominating Machines"* **State Level** Conference on Recent trends in Pure & Mathematics held on 1 Feb 2018, Organized by Dept. of Mathematics, Arts, Commerce & Science College, Naldurg Dist. Osmanabad.
12. **Dr. J.K. Mane.:** A Resource person for One Day Regional Workshop on Madhava Mathematics Comptetions Organized by Dept. of Mathematics, Mahatma Gandhi Mahavidyalaya, Ahmedpur Dist. Latur on Dated 23 Dec 2018.
13. **Dr. J.K. Mane.:** *"A Comparative Analysis of Mathematical Linear Programming Problem"*. International Conference on Energy, Environmental and Ethics in Research organized by Y. C. Warana Mahavidyalaya, Warananagar on 7<sup>th</sup> Feb, 2019.

#### **The Workshop/Seminar/ Conference/Short Term Course Participated (12)**

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1. UGC Sponsored National Workshop on Exploratory Statistical Data Analysis using Statistical Software's held at Department of Statistics Dr. B.A. M. University, Aurangabad.
2. UGC Sponsored State Level Workshop "Statistica : A Festival of Statistical Activities", Organized by Department of Statistics, Government College of Arts and Science, Aurangabad.
3. National Seminar on General Relativity and Thermoelasticity held on Department of Mathematics Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur, Feb 17-18, 2012.
4. The 100<sup>th</sup> Indian Sciences Congress Association 14, Dr. Biresw Guha Street, held at Calcutta University, Kolkata from January 3 to 7, 2013.
5. UGC and SRTMU, Nanded. Jointly organized Two Day National Level Conference on **"Life Sciences Major Challenges"** organized by the Dept. of Zoology, B. Raghunath Arts, Commerce & Science College , Parbhani. 3-4 Sept 2015.
6. SRTMU Nanded & Sanjeevane M. Chapoli Organized Faculty Development Programme **"one Week Interdisciplinary Short Term Course on Teaching Methodology"** From 19-24 May 2015.
7. *"National Workshop on Recent Syllabi in Mathematics for SRTMU, Nanded"* (UG & PG and MATLAB-Practical) Organized by Dept. of Maths Dayanand Science College, Latur Held on 30 Dec. 2015.

8. One Day Workshop on Choice Based Credit System For U. G. Programme Under Faculty Development Programme held at Swami Ramanand Teerth Marathwada University, Nanded and Dayanand College of Arts, latur on dated 30 June, 2016.
9. *“National Workshop on Mathematical Softwares (NWMS-2017)”* Organized by Post Graduate Department of Mathematics, N.E.S., Science College, Nanded During 20-21 January 2017.
- 10 CSIR Sponsored National Workshop on “ Mathematical Softwares” Organized by Tata Institute of Social Sciences Tuljapur Campus at 28-29 July 2017.
- 11 Participation NPTEL Workshop Conducted on dated 19-07-2019 By IIT Maras, at S.R.T.M. University Nanded.
- 12 UGC-CPE Sponsored One Day Workshop on “Intellectual Property Rights: Indian Scenaeio” Organized by Dept of Botany, Dayanand Science College, Latur on 16<sup>th</sup> Dec, 2019.

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## PERSONAL DETAILS

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<b>Name</b>	Dr. Janardhan Karanrao Mane
<b>Date of Birth</b>	1st June 1984
<b>Marital Status</b>	Married
<b>Languages Known</b>	English, Hindi, Marathi, Kannad
<b>Permanent Address</b>	At. Talbhog Post. Morkhandi Tq. Basavkalyan Dist. Bidar (Karanataka).

## DECLARATION

I here by state that the above given information is true to the best of my knowledge & belief. If found false I am liable to face the consequences as predefined by the deciding authorities.

**Place: Aurangabad**

**Date:**

**Dr. Janardhan K. Mane**