

Mahesh Sahebrao Wavare

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❖ **Education**

- Master's Degree in Mathematics from S P Pune University,Pune Dept of Mathematics with first class .
- Bachelor's Degree in MATHEMATICS with first class from S P Pune University. Registered for Ph.D at S R T M U ,Nanded
- M .PHILL(Maths) from Madurai Kamraj University ,Madurai.
- Qualified CSIR –NET.
- Qualified GATE -2003 with 96.87 %le with all India rank 41.

❖ **Grants:**

- One UGC-Minor research project is going (Rs. 2.00Lakh) entitled, “A Study of Schubert Varieties and linear code associated to Schubert Varieties”

❖ **College/University Coordinator:**

- B.Sc-III Coordinator
- RUSA 2019-20
- PG Coordinator (2017-2019)
- RCMK –Coordinator for Latur
- MMC –Coordinator for Latur
- Students Association of Mathematics –Director
- Director Member Rajarshi Shahu college Employees coop credit Society limited Latur 2015-2019.
- Top Performing Mentor Award by NPTEL during 2017-18 and 2018-19

❖ **Skills & Activities:**

Skills Computers in Education, Technology Enhanced Learning, ICT in Education, Teaching, Curriculum Development, Problem Solving, Online Learning, Mathematical Thinking, Student Development, Concept Mapping, Mentoring, Teaching and Learning, Higher Education, Pedagogy and Education, Latex, R-Software, Matlab, Mathematica, Scilab

Languages English, Hindi, Marathi

Scientific Memberships IMS, MMS

Interests Coding Theory, Linear Algebra, Matlab, R Programming

❖ **Academic Membership:**

- BOS member of Physics Rajarshi Shahu Mahavidyalaya, Latur
- BOS Member (Computer Science), Rajarshi Shahu Mahavidyalaya, Latur
- BOS Chairman (Mathematics), Rajarshi Shahu Mahavidyalaya, Latur
- Academic Council Member Rajarshi Shahu Mahavidyalaya, Latur
- Additional Co-ordinator of MMS, Aurangabad for Latur District
- YCMOU counselor for M.Sc Mathematics course.

❖ **Human Resource Development Centre Orientation/ Refresher Course/ ISTE-AICTE Sponsored STTP / SBP attended so far:**

Sr. No.	Name of the Course/ Summer School	Place	Duration	Sponsoring Agency
1	Orientation program 98	Academic Staff College, Himachal Pradesh University, Shimla-171005	05/04/2010 to 01/05/2010	UGC
2	Refresher Course in Mathematics 1	UGC-HRDC PU, Chandigarh	29.03.2013 to 18.04.2013	UGC-HRDC
3	Refresher Course 2 (Special Summer School)	UGC-HRDC, G N D U, Amritsar	10.06.2015 To 30.06.2015	UGC-HRDC
4	Refresher Course 3	D.Sc. Latur	11/06/2018 to 25/06/2018	Indian Academy of Sciences, Bangalore
5	Short Term Course	HRDC JNTU Hyderabad.	30/7/2018 to 04/08/2018	UGC-HRDC
6	FDP	NPTEL –AICTE online Course on Abstract Linear Algebra	One week equivalent	IIT and AICTE
7	FDP	NPTEL –AICTE online Course on Introduction to R Software	One week equivalent	IIT and AICTE
8	FDP	NPTEL –AICTE online Course on Introduction Coding Theory	One week equivalent	IIT and AICTE

9	STTP	Workshop on Coding Theory and Cryptography	26/12/2016 to 31/12/2016	SGGSIE&T ,Nanded
10	TEQIP workshop	Linear Algebra and Its applications	21-052012 to 02-06-2012	SGGSIE&T ,Nanded
11	Instructional School for Lectures	Linear Algebra	23/11/2015 to 05/12/2015	SGGSIE&T ,Nanded
12	Instructional School for Lectures	Galois Theory	1/12/2014 to 13/12/2014	SGGSIE&T ,Nanded

❖ Publication Highlights

▪ Books

- Mahesh S Wavare, Akash Waghmare : **“R software for Beginners”** Dec 2018 Shaurya Publication PVT LTD ,Latur., ISBN: 978-9383672-59-2

▪ Journal Publications

- Mahesh S Wavare **“Use of Maple software in cryptosystem”**: Recent trends in Mathematics ,International Multilingual Research Journal, ISSN 2394-5303.
- M S Wavare **"A note on Linear codes associated to Schubert varieties"** International Journal of Emerging Technologies and Innovative Research (www.jetir.org | UGC and issn Approved), ISSN:2349-5162, Vol.5, Issue 11, page no. pp528-532, November-2018, Available at : <http://www.jetir.org/papers/JETIR1811976.pdf> .
- M.S. Wavare, Dr S. M. Jogdand,National" **G_{2,4} as a projective System in P⁶ over F₂ "** Ajantha Prakashan ISSN 2277-5730 Volume -VIII Issue -I page no.87-90 .
- M S Wavare **“Codes associated in Schubert Varieties in G(2,5) over F₂”** New Trends in Mathematical Sciences **Issue:** Name: Regular, Year: 2019, Volume: 7, Issue: 1, (JAN 2019),pp:071-078 **DOI:** 10.20852/ntmsci.2019.343
- Dr. Janardhan K. Mane, M S Wavare, **“A Comparative Analysis of Mathematical Linear Programming Problem”** : Aayushi International Interdisciplinary Research Journal (AIIRJ), ISSN 2349-638x Page No.167-173.
- Mahesh S Wavare, Dr J K Mane , Anil Thenge **“ A Study on the Greatest Eigen Value of Distance of the Wheel Graph”** VRJFPS(Jan -Jun 2019) Page No 41-48 ISSN 2348-7976

❖ Conference Proceedings

- Vinod Suryawanshi, Mahesh Wavare Ravindra Savangouder, **“Modeling of Mechatronics System : A Bond Graph Approach ”** :Proceedings pf National Conference on Emerging Trends in Mechatronics 23-24 July ,2004 at MIT ,Aurangabad Page Nos 38-52.
- Pravin Malik, Mahesh S Wavare **“Analysis of Surface Drag for Dolphin”**, Proceedings of the National Conference on Emerging Trends in Mechanical Engineering at PCCE Verna Goa 10-12 Sept 2004. Page Nos 266-271.
- M S Wavare , **“Newtons Forward Interpolation Using Matlab 7”** Proceedings of National Conference on Recent Trends in Mathematics at R P Collge Osmanabad, 27-28 Sept 2014.

- M S Wavare, “**Study of Calculus Using Mathematica Software**” Proceedings of State level Seminar Understanding Mathematics via Software ISBN 978-93-83401-43-6 page no 44-47. At Dadapatil Rajale Arts and Science Collge ,Adinathnagar Dist A Nagar (M.S.) 30Jan 2017.
- M S Wavare , “**A Study of Mathematics Curriculum in Academic Autonomy of RSML**” entitled Present Scenario and Challenges of Autonomous Colleges ISBN 978-93-84810-29-0. Page no.125-129.
- Kandekar D N Sonawane R B ,Nikumbh V E ,Wavare M S , “**A comment on Simple support functions**” Proceeding of National Conference on Recent Trends in Mathematics and their applications in Computer Science ISBN 978-81-926910-4-6 at 17-18 Jan 2014 at Rajarshi Shahu Mahavidyalaya ,Latur (Autonomous).
- S P Birajdar R B , O N Angulwar ,Wavare M S , “**Applications of Numerical Linear Algebra**” Proceeding of National Conference on Recent Trends in Mathematics and their applications in Computer Science ISBN 978-81-926910-4-6 at 17-18 Jan 2014 at Rajarshi Shahu Mahavidyalaya ,Latur (Autonomous).
- Sonawane R B ,Kandekar D N ,M S Wavare,Nikumbh V E “**Optimal Control Problem for parabolaiic System with multiplicative control**” Proceeding of National Conference on Recent Trends in Mathematics and their applications in Computer Science ISBN 978-81-926910-4-6 at 17-18 Jan 2014 at Rajarshi Shahu Mahavidyalaya ,Latur (Autonomous).

❖ **Invited Talks:**

- Delivered speech on “**Numerical Analysis and OR using Matlab**” as **Resource person** in UGC-State Level Workshop on Mathematical Software at Department of Maths ,Shri Havagiswami College,Udgir Latur 9 March 2012.
- Delivered speech on “**Basics of Matlab for B.Sc**” as **Resource person** in UGC-National Level Workshop **Recent Syllabi in Mathematics for SRTMUN** at Department of Maths , Dayanand Science College ,Latur on 30 Dec 2015.
- Chaired the session in **National Seminar on Interdisciplinary Applications of Mathematics** at New Arts commerce and Science College ,Shevgaon Dist A Nagar (M S)on **28/08/2015**
- Guest lecture on “**Career opportunities in Mathematics**” at M. M. Mahavidyalaya ,Nilanga 26 Sept 2015.

Mahesh S Wavare
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Department of Mathematics
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