RESUME



1. Full Name:	Dr. Popat Bhagawan Lokhande
2. Designation:	Professor& Head (Department of Chemistry)
3. Official Address:	Dr. Babasaheb Ambedkar Technological University, Lonere-402103 Dist-Raigad, Maharashtra
4. **Email:**	pblokhande@dbatu.ac.in
5. Educational Qualification:	M.Sc. Ph.D.
6. Field of Specialization and Research:	Industrial Chemistry, Environmental Chemistry, Phytochemistry, Material Science, Green Chemistry
7. Name of Research Topic:	Study of the Physico-chemical parameters of surface water in the vicinity of industrial area .
8. Experience (in number of years):	
Teaching:	30 Years
Research:	21 Years
9. Winter/Summer Schools attended:	05 (12 weeks)
10. Publications:	
International/ National Journals:	27
International/ National Conferences:	16
11. Number of Ph.D. Students:	05
12. Honours and Awards:	**i. 'Distinguish Faculty in Science' award VIFA 2018** **ii. Adarsh Shikshak samajgaurav Puraskar, Bhimkranti Social Foundation** **iii. "Acharya Jeevak" Dishtiguish Scientist Award -2022**

13. Professional Position held:

1. Worked as HOD of Department of Chemistry
2. Assistant Rector of Hostel having capacity of 350 students
3. Responsibility of Associate Co-ordinator for first year degree
4. Worked as Examination Co-ordinator of semester examination of First year degree
5. Involved in the preparation of course curricula of Chemistry
6. Involved in different committees for sports and annual social gathering
7. Time-Table Co-ordinator.
8. Actively involved and prepared proposal of Chemistry Department for UGC, AICTE, TEQIP etc
9. Chief Co-ordinator, ARC for First Year Degree Engg. Course.
10. Member of Selection committee for Adhoc lecturers in Chemistry.
11. NAAC Criteria V co-ordinator.
12. Chairman, Local Investigation committee for affiliated Colleges.
13. IQAC member
14. Member of Research committee
15. worked as a Jury for poster presentation of 3rd One Day, Interdisciplinary National Conference on 'Climate Change and Youth: Time for Action' organized by National Service Scheme of B.K. Birla College of Arts, Science & Commerce (Autonomous), Kalyan on Thursday, 12th January 2023

14. Membership of Professional Bodies:

1. Life Member of Indian Society for Technical Education (ISTE) New Delhi.
2. Life Member of Indian Science Congress
3. Life Member of Indian Journal of Environmental Protection
4. Life Member of International Congress of Chemistry & Environment
5. Member: Journal of Chemistry and Environment.
6. Member: Journal of Environmental Research and Development.
7. Member: Academic Council
8. Member: Planning and evaluation (Monitoring) Board
9. Member: Tribal Development Program of TEQIP.
10. Member: Research Committee
11. Member: Board of Studies
12. Chairman: Departmental Committee, Board of Studies, Research Committee

15. Courses/Seminar/Conferences attended:

1. UGC sponsored four weeks Refresher course in Chemistry held at Shivaji University, Kolhapur during 27-02-2001 to 21-03-2001.
2. Two weeks short term course on Pollution Control and Management held at Dr. Babasaheb Technological University, Lonere during 12-24, Dec. 1999.
4. UGC sponsored three weeks Refresher course in Environmental Science held at Academic Staff College of Goa University, Goa during 22 Nov. to 13th Dec.
5. UGC sponsored National seminar on the role of Material Science in Electronic Industry and Information Technology. 9-10 March 2007.
6. Program on Creativity and Innovation Techniques and Patenting in India and Abroad under TEQIP at Dr. Babasaheb Ambedkar Technological University, April 2006.
7. One week Training Program on Gas Chromatography at Chemito Technologies Ltd. Nashik, sponsored by Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad.
8. Attended International Conference on Materials, Manufacturing and Design Engineering (ICMMD 2016) held at Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad, 20-21 Dec. 2016
9. Attended Interdisciplinary State Level Conference on Science for Sustainable Development (ISCSSD) held at Anandibai Pradhan Science College, Nagothane, Dist.-Raigad, 19th Dec. 2016
10. Attended Transdisciplinary International Conference on Integrated Sustainability Approaches in Sciences, Technology, Commerce and Social Sciences: Current Research and Future Perspective 23rd-24th November 2022
11. Attended 3rd One Day Interdisciplinary National Conference on 'Climate Change and Youth: Time for Action' on 12th January 2023
12. Attended the AICTE recognised Faculty Development Program on "Characterisation of nanomaterials and applications" conducted by NITTTR, Chandigarh from 22/05/2023 to 26/05/2023 at Dr. Babasaheb Ambedkar Technological University, Lonere, Maharashtra.
13. Attended 2nd International Conference on novel materials and technologiesfor energy and environment applicationsdurring 17-18 february 2024 at BITS PILANI Hydrabad
14. Attended Transdisciplinary International Conference on intigrated sustainale approaches in science ,commerce and social sciences:current research and future perspectives on 23rd - 24th November 2022 at Nagpur.
15. Attended International Conferenceon development perspective of Dr. B. R. Ambedkar and contemporary world held on 2nd and 3rd March 2024 at mysuru.

16. Attended Multidisciplinary International Hybrid Conference on Sustainable development in basic sciences on 11/02/2025 at Nagothane
17. Attended the Academy Faculty Development Program on 'Intellectual Property Rights' at DR BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY LONERE from 24/02/2025 to 01/03/2025.
18. Attended the International conference "Advances in Chemical Sciences for Sustainable Energy and Environment" held on 21st to 22nd July 2025 at MIT pune.

16. Publications

A. Research Publications in National and International Journals

Sr. No.	Publications
01.	Study of water quality parameters of River water in Konkan Region A.D. Gawas, P. B. Lokhande and H. A. Mujawar Indian Journal of Environmental Protection Vol. No. 25(03) 212-217 (2005)
02.	Study of physicochemical parameters of surface water in the Mahad Industrial Area. A. D. Gawas, P. B. Lokhande and H. A. Mujawar Journal of Pollution Research Vol. No. 25 (01) 109-114 (2006)
03.	Study of Physico-chemical Parameters of Surface Water from Kundalika River Near Roha MIDC, Raigad N. J. Patil, D. B. Patil, P. B. Lokhande and H. A. Mujawar Indian Journal of Environmental Protection 26 (2) 169-174 (2006)
04.	Characterization of waste water by correlation and regression method A. D. Gawas, P. B. Lokhande and H. A. Mujawar Indian Journal of Environmental Protection 27 (12) 1117-1120 (2007)
05.	Multivariate statistical analysis of ground water in the vicinity of Mahad Industrial area of Konkan region, India P. B. Lokhande, V. V. Patil and H. A. Mujawar International Journal of Applied Environmental Sciences, Volume 3 Number 2 pp. 149-163 (2008)
06.	Multivariate statistical study of Seasonal variation of BTEX in the surface water of Savitri River P. B. Lokhande, V. V. Patil, Dr. H. A. Mujawar Environmental Monitoring and Assessment (Springer) 157 (1-4), 51-61 (2009)
07.	Study of metal contamination in Savitri River by Multivariate Statistical Analysis

P. B. Lokhande, V. V. Patil, H. A. Mujawar
Indian Journal of Environmental Protection, Vol. 29 No-02 pp. 159-166 (2009)

08. Assessment of seasonal variation in surface water quality of Savitri River, India by Using multivariate statistical techniques
P. B. Lokhande and H. A. Mujawar
Asian Journal of water, Environmental and pollution 8 (2), 105-112 (2011)

09. Evaluation of Ground Water Quality of MIDC Area, Roha through Water Quality Index Assessment
S. M. Tandale, H. A. Mujawar, P. B. Lokhande.
International Journal of Scientific and Engineering Research, Vol 5(4), April 2014

10. Graphic interpretation and assessment of water quality in savitri river basin.
Dr. P. B. Lokhande, Dr. H. A. Mujawar
International journal of scientific and engineering research Vol. 7(3), March 2016

11. Photodegradation of Rhodamine 6G dye by Cd, Sr Doped ZnO, Synthesized by Mechanochemical Method
Sneha S. Salvi, Dr. P. B. Lokhande, Dr. H. A. Mujawar
Advances in Intelligent Systems Research, Atalntis Press , Vol. 137, Pp. 48-53 (2016)

12. Study of Zr and Sn doping on photoluminescence Property of Cadmium Sulphide.
Madhuri M. Bhagat, P. B. Lokhande, H.A. Mujawar
Advances in Intelligent Systems Research, Atalntis Press, Vol. 137, Pp. 54-58. (2016)

13. Comparative Study of Efficiency of Cd and Sr doped ZnO Photocatalyst Synthesized By Mechanochemical Method and Coprecipitation Method
Sneha S. Salvi, Dr. P. B. Lokhande, Dr. H. A. Mujawar,
Scientific Journal International, ISSN 1936-6264 (P); 1945-3019(O), (2017)

14. Photocatalytic degradation of carcinogenic rhodamine 6g dye by strontium and tin Doped cadmium sulphide nanoparticles,
Madhuri M. Bhagat, Dr. P. B. Lokhande, Dr. H. A. Mujawar,
International Journal of Research Publications in Engineering and Technology, [IJRPET] ISSN: 2454-7875 VOLUME 3, ISSUE 6, 129-136, (2017)

15. Essential Oil Extraction, Charactarization and Antimicrobial Study of Cythocline Purpurea DC from Konkan Region
Mr.Abhijit V. Dinde, Dr. P. B. Lokhande, Dr. H. A. Mujawar
Journal of Pharmacy Research, 11(5), 424-429, ISSN: 0974-6943, 2017

16. Effect of Cd, Ni Codoping on Photocatalytic activity of Zinc Oxide, Synthesized by Citrate Gel Method
Sneha S. Salvi, Dr. P. B. Lokhande, Dr. H. A. Mujawar

International Journal of Research in Advent Technology, E-ISSN: 2321-9637 Vol. 5, No. 11, (2017)

17. Essential oil extraction, characterization and antimicrobial study of Blumea Lacera D.C. From Konkan Region
Mr.Abhijit V. Dinde, Dr. P. B. Lokhande, Dr. H. A. Mujawar
Journal of Pharmacy Research
Vol. 12 (1), ISSN: 0974-6943, (2018)

18. Effect of Tin and Strontium Doping on the Photocatalytic Activity of Zinc Sulphide Nanoparticles for the Photocatalytic Degradation of Resorcinol under Solar and Ultra-Violet Light,
Bhagat M. M., Lokhande P.B., Mujawar H.A,
Journal of Nanoscience Curr Res, Vol 3(2): 2, ISSN: 2572-0813**,** (2018)

19. Essential Oil Extraction, Charactarization and Antimicrobial Study of Oxyodenta D. C. from Konkan Region"
Mr.Abhijit V. Dinde, Dr. P. B. Lokhande, Dr. H. A. Mujawar,
International Journal of Recent Scientific Research
Vol.09 (3) pp.24784-24789, ISSN: 0976-3031, (2018)

20. Effect of La and Sn doping on photocatalytic activity of Cadmium Sulphide Photocatalyst.
Madhuri M Bhagat, Dr. P. B. Lokhande, Dr. H. A. Mujawar
International Journal of Management, Technology and Engineering, Vol. 8, issue IX pp 777-783, (2018)

21. "Essential Oil Extraction, Characterization and Antimicrobial Study of Blumea laciniata D.C. from Konkan Region"
Mr.Abhijit V. Dinde, Dr. P. B. Lokhande, Dr. H. A. Mujawar
J.Biol.chem.chron., 4(2),70-76, ISSN: 2454-7476, (2018)

22. "Antimicrobial activity of Chemically Synthesized Sn and Sr Doped Cadmium and Zinc Sulphides Semiconductor Nanoparticles"
Madhuri M. Bhagat, P. B. Lokhande, H.A. Mujawar, Madridge Journal of Nanotechnology And Nanoscience, Vol. 4, Issue.1, 135-138 , 2019, ISSN: 2638-2075. (2019)

23. Degradation of recalcitrant phenol pollutant and antibacterial study by Ni, Sr doped ZnO,
Sneha Salvi, P. B. Lokhande, H. A. Mujawar,
Inorganic and Nanomaterial Chemistry (Taylor and Francis), ISSN (Print): 2470-1556, 2470-1564 (Online), (2019)

24. Structural, Optical and Photocatalytic Study of Ni, Sr doped ZnO on Degradation of Methyl Orange, Ms. Sneha Salvi, P. B. Lokhande, H. A. Mujawar, AJANTA, ISSN-2277-5730, Volume-08, Issue-01 (2019)

25. Effect of Cd and N doping on Zinc Sulphide Nanoparticles Synthesised by Mechanochemical Method for the Photodegradation of Brilliant Green Dye.
Madhuri MB, Lokhande PB (2019) Nano Res Appl Vol.5 No.1:1.

26. Bioevaluation, Pharmokinetics and Molecular docking studs of Phenylpropanoid rich rhizome Essential oil of understudied Zingiber neesanum from Konkan region, Pravinkumar Nagore, Popat Lokhande, Haniph Mujawar, Plant Science Today, 2248-1900

27. In-vitro Bioevaluation, Pharmokinetics and Molecular docking studs of unexplored Bisabolol-rich Curcuma inodora Blatt. Essential oil from Konkanregion: A biodiversity hotspot, Pravinkumar Nagore, Popat Lokhande, Haniph Mujawar, Plant Science Today, 2348-1900

B. Research Papers presented in Conferences

Sr. No. Publications

01. Biological Nitrogen removal from waste water using sequentiabatch reactor
N. D. Deshmukh, P. B. Lokhande, H. A. Mujawar
National Conference on Environmental Technology held at
Mumbai University during 9-10 Feb. 2006.

02. Seasonal variation of the Volatile organic compounds (BTEX) in
The Surface water of Savitri River
P. B. Lokhande, V. V. Patil, H. A. Mujawar, INDO-ITALIAN
International Conference on Green and Clean Environment. MIT
College of Engineering, Kothrud, Pune. 20-21 March 2008.

03. Graphic interpretation of surface water quality of Savitri river in
Konkan region of India.
P. B. Lokhande, V. V. Patil, H. A. Mujawar
International Congress of Environmental Research, Govt.
Geetanjali Girls P. G. College, Bhopal, 28-30th December 2007.

04. Multivariate statistical analysis of sediments pollution in the Savitri
River basin of Mahad Industrial area.
P. B. Lokhande, H. A. Mujawar
International Conference on Biodiversity, Environmental and
Sustainability: Challenges for Future, Delhi University, 4-6 Sept. 2008

05. Photodegradation of Rhodamine 6G dye by Cd, Sr Doped ZnO, Synthesized by
Mechanochemical Method
Sneha S. Salvi, Dr. P. B. Lokhande, Dr. H. A. Mujawar
1st International Conference on Materials, Manufacturing and Design
Engineering (iCMMD 2016), held at DBATU, Lonere during 20-21 Dec.
2016

06. A Review: Recent Trends in Synthesis of Photocatalyst
Sneha S. Salvi, P. B. Lokhande, H. A. Mujawar
New Horizons In Chemical and Environmental Science (NS-NHCES-2016) held at Karmaveer Bhaurao Patil College, Vashi, 30 Jan. 2016

07. A Review: Advanced Photocatalysts and Its Application
Madhuri M. Bhagat, P. B. Lokhande, H. A. Mujawar
New Horizons In Chemical and Environmental Science (NS-NHCES-2016) held at Karmaveer Bhaurao Patil College, Vashi, 30 Jan. 2016

08. Study of Sr and Sn doping on photoluminescence Property of Cadmium Sulphide.
Madhuri M. Bhagat, P. B. Lokhande, H.A. Mujawar
1st International Conference on Materials Manufacturing and Design Engineering
Heald at Dr. Babasaheb Ambedkar Technological University Lonere, Raidad,
Dated December 20-21, 2016

09. Photocatalytic activity of Doped Cadmium sulphide.
Madhuri M. Bhagat, P. B. Lokhande, A. V. Dinde
National Seminar on Recent Developments in Chemical and Material Science at Dapoli Urban Co-operative Bank Science College, Dapoli, on 5-6 Feb 2016

10. Study of Photocatalytic Activity of Sr and Sn Doped Cadmium Sulphide Photocatalyst,
M. M. Bhagat, P. B. Lokhande, H.A. Mujawar
Conference on Science for Sustainable Development, ISBN 978-81-920431-3-5, page no. 153-155, At APK college Nagothane , dated 19 Dec 2016

11. A Review: Efficiency of essential oil extraction methods of Genus Blumea and its therapeutic values
A.V. Dinde, P. B. Lokhande, H.A. Mujawar
Mainstreaming the Marginalized: Perspectives in humanities commerce and science Book held at LGMACSC, Mandangad on 28th January 2017 VIII, 6 (21), ISBN 978-93-83871-46-9.

12. Sneha S. Salvi, Dr. P. B. Lokhande, Dr. H. A. Mujawar,
"Structural, Optical and Photocatalytic study of Ni, Sr Doped ZnO on Degradation Of Methyl Orange" Presented in International conference on "New trends in commerce, Economics, Banking, Cooperation, Management, Computer science, IT and Environment held At Poona college, Pune 8th and 9th February 2019.

13. Mr. P. B. Nagore, Dr. P.B.Lokhande & Dr.H.A.Mujawar,
"Potent Medicinal Application of essential oil of Hedychium coronarium Koenig Species". International Conference on Advancement in interdisciplinary research (ICAIR-2021) at Ambedkar University Agra. (2021)

14. Mr. P. B. Nagore, Dr. P.B. Lokhande & Dr. H. A. Mujawar
"Investigation of antimicrobial potency of sesquiterpenoid dominant essential oil of

Curcuma inodora ". (ICASH-2021) at SVPM Institute of Technology, Dhule, and Maharashtra Haniph Mujawar, Plant Science Today, 2248-1900

15. "Synthesis of Sr and Sn doped Cadmium Sulphide nanoparticles for the Photocatalytic Degradation of Rhodamine 6G dye"; 3rd One Day Interdisciplinary National Conference on 'Climate Change and Youth: Time for Action' on 12th January 2023
16. Photocatalytic Degradation of Rhodamine 6G dye using Sr and Sn doped Cadmium Sulphide Nanoparticles; Transdisciplinary International Conference on Integrated Sustainability Approaches in Sciences, Technology, Commerce and Social Sciences: Current Research and Future Perspective 23rd-24th November 2022
17. Photo-degradation of Environmentally Hazardous Phenol by Cd, Sr doped ZnO Synthesized by Citrate gel Method, Popat. B. Lokhande, Haniph A. Mujawar, Sneha Salvi, Madhuri Bhagat, Dhanraj. B. Waghmare 2nd International Conference on novel materials and technologiesfor energy and environment Applications durring 17-18 february 2024 at BITS PILANI Hydrabad

17. National and International Conferences Attended:

i. International congress of Environmental Research at Govt. Geetanjali Girls college Bhopal M. P during 28-30 Dec. 2007.
ii. International conference on 'Biodiversity, Environment and Sustainability: Challenges for Future' held at University of Delhi during 4-6 Sept, 2008.
iii. Indo-Italian conference on 'Green and Clean environment' held at MIT college of Engineering, Pune during 20-21 March 2008.
iv. International Conference on 'Material, Manufacturing and Design Engineering 2016' held at Dr. Babasaheb Ambedkar Technological University, Lonere during Dec. 20-21, 2016.
v. International Conference on 'Mainstreaming the Marginalised' held at LGM art, commerce and science college, Mandangad, Ratnagiri on 28th Jan. 2017.

18. Significant contribution to Teaching Academic/Education Environment, Institution Corporate life:

1. Member of committee constituted to maintain academic standard.
2. Member of BOS and Academic Council.
3. Member of 'Staff Development Committee' of TEQIP.
4. Member of ANVENTION-2013 Committee.
5. Overall Co-ordinator for first Year Engineering students.
6. In-charge HOD in the absence of HOD.
7. Office In-charge for First Year B. Tech Examination.
8. Judge for National level Technical paper presentation 'CHEM FRATERNITY

9. Ph. D. Entrance Test paper assessment work.
10. F. Y. B. Tech. class co-ordinator.
11. Co-ordinator, Remedial Exam.
12. 'Research Proposal' under TEQIP.
13. RUSA proposal submitted.
14. Submitted proposal to UGC for establishment of SC/ST cell.
15. IQAC member
16. NAAC Steering Committee member

19. Adequate and field outreach activities:

1. Worked as a member of Project Implementation Plan of TEQIP
2. Worked as admission co-ordinator for 15% quota for Konkan region during year 2011, Member of Selection Committee for Appointment of Teachers on Contract Basis for year 2010
3. Worked as Co-ordinator of Ph.D. written exam and Interview of year 2012
4. Worked as Chief Co-ordinator of ARC-4 during year 2010-11
5. Worked as a Assistant Rector for the University Hostel for the year 2003-04
6. Member of Culture Committee during Academic year 2004-05
7. University Sports Co-ordinator since Oct. 2017

20. Courses:

1. Advances in Material and Manufacturing Processes held at Dr. Babasaheb Ambedkar Technological University Lonere, during 27th June 2011 to 1st July 2011
2. State level engineering chemistry workshop on 'SOFT-CHEM' at Sinhgad College of Engineering, Pune during 5th to 9th July 2011 (AICTE approved). Lonere during 26th to 30th March 2012 (UGC Sponsored)..
3. Advances in Chemical Engineering: Recent Trends (ACERT) at Dr. Babasaheb Ambedkar Technological University, Lonere during 26th to 30th March 2012 (UGC Sponsored).
4. Two week ISTE workshop on 'Introduction to Research Methodology' at RIT, Islampur, Sangli during 25th June to 4th July 2012.
5. 'Comprehensive Training on essential oil' at FFDC, Kannauj, UP during 20-11-2012 to 5-12-2012.
6. Two weeks faculty development program on 'Mathematical Methods for Science And Engineering using soft computing tools' at COE, Karad during 2 to 13 Dec. 2013 under TEQIP.
7. Short Term course on 'Nanotechnology: Opportunity and Challenges at NITTTR,

Pune during 1st to 5th Dec. 2014.

8. Two week workshop on 'Environmental Studies' at RIT, Islampur, Sangli during 2 to 12 June 2015 conducted by IIT, Mumbai.

21. Course Material:

1. Part of Process for developing syllabus of,
   1. Engineering Chemistry-I and II of F. Y. B. Tech.
   2. Environmental Chemistry. F. Y. B. Tech.
   3. Engineering Chemistry. S. Y. B. Tech Chem/Petro
   4. Engineering Chemistry I, II Lab.
   5. Environmental Chemistry Lab.
   6. Engineering Chemistry Lab.
   7. Environmental Chemistry for M. Tech. Environmental Engineering.
2. Preparation of Question Paper for
   1. Contract basis lecturer interview of chemistry subject.
   2. Ph. D. Students Entrance Test
3. Member of Board of Studies for Basic Sciences and Humanities.
4. Member of Research Committee for
   a. Chemistry
   b. Physics
   c. Mathematics
5. Member of selection committee of Ph.D. Students in Chemistry, Physics, Mathamatics.
6. Member of University Brochure Committee
7. Member of Academic Council
8. Research Guide in the subject of Chemistry

22. Participation in Continuing Education Program:

1. Two days faculty development program on Pedagogy held at Dr. Babasaheb Ambedkar Technological University, Lonere during 29-30 Dec. 2014.
2 Comprehensive training at Kannauj, U. P.
3. One day Capsale Training at Dr. Babasaheb Ambedkar Technological University, Lonere during 12th May 2009.
4. Pre-Ph. D. Course work completed with one seminar and M. Tech Paper.
5. One week workshop on 'Outcome Based Education' conducted at Dr. Babasaheb Ambedkar Technological University, Lonere during 23-28 June 2016.
6. 'Mission 10X Workshop' conducted at Dr. Babasaheb Ambedkar Technological University, Lonere during 7-11 March 2011.

23. Any Other Academic Contribution:

1. Worked as Judge of 'INSPIRE Award' Science Exhibition held at K.A.C.V.K. High School and S.A.S.K. A. B. high School, Panvel during 13-15 July 2011.
2. Worked as a Committee Member for the University level Program "Indradhanush" During 7-11December 2013 at Dr. Babasaaheb Ambedkar Technological University, Lonere Raigad.
3. Participated as a Resourse Person in One Day National Seminar on Seminar on ' Social & Poltical movement: Contemporary Issues" on 3rd March 2017.
4. Worked as member of purchase Committee.
5. Coordinator of Celebration of "National Science Day"
6. Worked as Hospitality committee coordinator in "State Level Avishkar 2025" organized on 12th- 15th January 2025 at Dr. Babasaheb Ambedkar Technological University, Lonere