

# IJOT

Volume : 56

Issue : 1

January - March 2024

The Indian  
**JOURNAL**  
*of* **OCCUPATIONAL**  
**THERAPY**

An Official Publication of The All India Occupational Therapists' Association



**AIOTA** Estd. 1952

[www.aiota.org](http://www.aiota.org)



# The Indian Journal of Occupational Therapy

Registered with Office of Registrar of News Papers of India vide Registration No. 1653/57

An Official Publication (since 1955) of

**THE ALL INDIA OCCUPATIONAL THERAPISTS' ASSOCIATION**

Founder Council Member of the World Federation of Occupational Therapists  
Registered Under Bombay Public Trust Act, Bom. 1950-E-1118

Website : <http://www.ijotonweb.org>

ISSN Print: 0445-7706 ISSN Online: 2773-1073

Editorial Board : April 2020 - March 2024

## Executive Chairman

**Dr. Anil K. Srivastava**

BSc, DOT, DYEd, PG (Rehab), Fellow  
ACOT

President, AIOTA

Lucknow

**Telephone No.:** +91-522 4331505,

**Mobile No.:** +91-9415405095,  
+91-9140879761

**Email:** [president@aiota.org](mailto:president@aiota.org)

## Executive Co-Chairman

**Dr. Surendra Kumar Meena**

MOT

Vice-President, AIOTA

Jaipur

**Mobile:** +91-9414058796

**Email:** [vicepresident@aiota.org](mailto:vicepresident@aiota.org)

## Advisory Board Members (All AIOTA Publications)

**Dr. Raj Kumar Sharma, Ph.D.,** Fellow  
ACOT, *Gurugram*

**Dr. Zarine Darius Ferzandi, MSc**  
(OT), Fellow ACOT, PGCR, *Mumbai*

**Dr. Shashi Oberai, MSc (OT), PGCR,**  
PGCCR, Fellow ACOT, *Navi Mumbai*

**Dr. Jyothika N. Bijlani, MSc (OT),**  
CPMR, NDT (Paed) UK, SI (USC),  
Fellow ACOT, *Mumbai*

**Dr. Amitabh Kishor Dwivedi, PhD,**  
Fellow ACOT, *Jaipur*  
(Co-Ordinator)

## Editor-in-Chief

**Dr. Anil K. Srivastava**

## Editor

**Dr. Punita V. Solanki**

MSc (OT), Fellow ACOT, ADCR  
Mumbai

**Mobile No.:** +91-9167180215

**Email:** [editor@ijotonweb.org](mailto:editor@ijotonweb.org)

## Executive Editor

**Dr. Lakshmanan Sethuraman**

MOT, PhD

Bengaluru

**Mobile No.:** +91-9902652502

**Email:** [eeditor@ijotonweb.org](mailto:eeditor@ijotonweb.org)

## Associate Editor

**Dr. U. Ganapathy Sankar**

PhD, Fellow ACOT

Tamil Nadu

**Mobile No.:** +91-9841129481

**Email:** [assoc.editor@ijotonweb.org](mailto:assoc.editor@ijotonweb.org)

## Assistant Editors

**Dr. Hemant Parshuram**

**Nandgaonkar**

MSc (OT), Fellow ACOT  
Mumbai

**Mobile No.:** +91-9819660953

**Email:** [asst\\_editor\\_s@ijotonweb.org](mailto:asst_editor_s@ijotonweb.org)

**Dr. Koushik Sau**

MOT

Udupi

**Mobile No.:** +91-7760064744

**Email:** [asst\\_editor\\_p@ijotonweb.org](mailto:asst_editor_p@ijotonweb.org)  
org

## Editorial Board Members

**Dr. Anita Gupta, MOT, PGDR OT,**  
*Mumbai*

**Dr. Meenakshi Batra, MOTH**  
(Paeds), PhD, Fellow ACOT,  
*New Delhi*

**Dr. Sebastina Anita Dsouza, MSc**  
(OT), PhD, *Manipal*

**Dr. Sujata Missal, MSc (OT),**  
PGDR (OT), *Coimbatore*

**Dr. Suresh Kumar K, BOT, MPH, PhD,**  
Post Doc., *Hyderabad*

# The Indian Journal of Occupational Therapy

## IJOT Editorial Office

**Executive Chairman/Editor-in-Chief:** Dr. Anil K. Srivastava | **Address:** 93, Laxmanpuri, Faizabad Road, Lucknow-226 016, Uttar Pradesh, India | **Mobile:** +91-9415405095, +91-9140879761 | **Telephone No.:** (Residence): +91-522-4331505 | **Official Email:** president@aiota.org | **Personal Email:** aiota.ak@gmail.com  
**IJOT Website:** <http://www.ijotonweb.org>

## Published by

Wolters Kluwer India Pvt. Ltd. A-202, 2<sup>nd</sup> Floor, The Qube, C.T.S. No.1498A/2 Village Marol, Andheri (East), Mumbai - 400 059, Maharashtra, India.  
**Phone:** 91-22-66491818 | **Email:** admin@ijotonweb.org  
**Website:** [www.medknow.com](http://www.medknow.com)  
**Printed at:** Dhote Offset Technokrafts Pvt. Ltd., Mumbai, Maharashtra, India

## About The AIOTA

All India Occupational Therapists' Association (AIOTA) is registered under Bombay Public Trust Act, Mumbai 1950-E-1118. (Website: [www.aiota.org](http://www.aiota.org)) AIOTA is the founder council member of the World Federation of Occupational Therapists (WFOT) (Website: [www.wfot.org](http://www.wfot.org)). Academic Council of Occupational Therapy (ACOT) is a constituent body of AIOTA, responsible for the maintenance of the standards of education and training in occupational therapy in India. The Indian Journal of Occupational Therapy (IJOT) is an official publication of AIOTA since 1955 and since 1956 with ISSN to date, with Print ISSN No.: 0445-7706, ISSN - Online: 2773-1073. The IJOT is registered with the Office of Registrar of News Papers of India vide Registration No: 1653/57. The Abbreviated Key Title for Citation is *Indian J. Occup. Ther.*

## Editorial Statement: About The IJOT

The IJOT is published quarterly (four times a year), as: Issue 1: January-March, Issue 2: April-June, Issue 3: July-September and Issue 4: October-December, effective from January, 2017.

For the Guidelines to Authors for Submission Visit AIOTA/IJOT website (<http://aiota.org/publications/guidelines> and <http://www.ijotonweb.org>) for PDF download.

The official language of the Journal is American (US) English.

IJOT welcomes submissions of original scientific research papers, review papers, case reports, preliminary articles, editorials, and specialist issue editorials, on all aspects of occupational therapy. It also includes publication of book reviews & letters to the editor.

The conference (OTICON) abstracts (of oral and e-poster: research papers only), will be published every year in IJOT - Issue 2: April-June.

IJOT - Issue 4: October-December will be the specialty edition every year based on specialty theme pre-decided by the editorial board. This Issue will also include guest editorial solicited to an experienced researcher in the pre-decided theme.

IJOT welcomes contributions/announcements on news, academic events and information related to occupational therapy, allied healthcare and rehabilitative aspects, from all over the world.

## Circulation of Print Issues

Print Issues of IJOT are available on subscription for all from January 2018 onward. Authors may subscribe print issues and/or reprints, as needed, for their records of their publication, as per the current IJOT subscription tariffs. Please note: Subscription rates are subject to revision. The AIOTA Members (Life and Provisional) can access full text PDF articles of each IJOT issues at the website: <http://www.ijotonweb.org> after login; provided their details are updated in members' database at [www.aiota.org](http://www.aiota.org). For updating details may contact the Assistant Editor (Promotion) at [asst\\_editor\\_p@ijotonweb.org](mailto:asst_editor_p@ijotonweb.org) and [admin@aiota.org](mailto:admin@aiota.org).

## Abstracting and Indexing Information

The journal is registered with the following abstracting partners: Baidu Scholar, CNKI (China National Knowledge Infrastructure), EBSCO Publishing's Electronic Databases, Ex Libris - Primo Central, Google Scholar, Hinari, Infotrieve, National Science Library, ProQuest, TdNet, Wanfang Data

The journal is indexed with, or included in, the following: Indian Citation Index, UGC CARE List.

## Subscription of Print Issues, Reprints and Online PDF Access

For mode of payment and other details, please visit [www.medknow.com/subscribe.asp](http://www.medknow.com/subscribe.asp)

Claims for missing issues will be serviced at no charge if received within 60 days of the cover date for domestic subscribers, and 3 months for subscribers outside India. Duplicate copies cannot be sent to replace issues not delivered because of failure to notify publisher of change of address. The journal is published and distributed by Wolters Kluwer India Pvt. Ltd. Copies are sent to subscribers directly from the publisher's address. It is illegal to acquire copies from any other source. If a copy is received for personal use as a member of the association/society, one cannot resale or give-away the copy for commercial or library use. All change of address information to be sent to [WKHLRPMedknow\\_subscriptions@wolterskluwer.com](mailto:WKHLRPMedknow_subscriptions@wolterskluwer.com) with cc to [asst\\_editor\\_s@ijotonweb.org](mailto:asst_editor_s@ijotonweb.org) and [president@aiota.org](mailto:president@aiota.org).

## Advertisements

The journal accepts display and classified advertising. Frequency discounts and special positions are available. Inquiries about advertising should be sent to Wolters Kluwer India Pvt. Ltd., at [advertise@medknow.com](mailto:advertise@medknow.com) with cc to [asst\\_editor\\_s@ijotonweb.org](mailto:asst_editor_s@ijotonweb.org) and [president@aiota.org](mailto:president@aiota.org). The journal reserves the right to reject any advertisement considered unsuitable according to the set policies of the journal. The appearance of advertising or product information in the various sections in the journal does not constitute an endorsement or approval by the journal and/or its publisher of the quality or value of the said product or of claims made for it by its manufacturer.

**For Advertisers Contacting the AIOTA Directly:** Advertisement inquiries to be sent to Assistant Editor (Subscription) at [asst\\_editor\\_s@ijotonweb.org](mailto:asst_editor_s@ijotonweb.org) or Editor-in-Chief at [president@aiota.org](mailto:president@aiota.org). Payments should be made by Demand Draft/Multicity Cheque/NEFT. **Bank Details:** Bank: Central Bank of India. Branch: Mumbai Central. Account Name: All India Occupational Therapists' Association. Account Type: Savings. Account Number: 1026942763. IFSC Code: CBIN0280601. For payment related queries, Honorary Treasurer, AIOTA to be contacted at [treasurer@aiota.org](mailto:treasurer@aiota.org). The advertisement rates are subject to revision.

## Disclaimer

The editorial board disclaims any responsibility or liability for statements made, opinion expressed or claims made by authors, readers and advertisers.

## Copyright and Photocopying Rights

No part of the publication may be reproduced or transmitted in any form by any means, electronically or mechanically, without the written permission from the Editor-in-Chief. The editorial board reserves the right to refuse any matter for publication and decision of the board must be accepted as final. All copyrights for published material in the IJOT are retained by the editorial board under the aegis of the AIOTA.

## Subscription Rates: (Inclusive of Postage by Registered/Speed Post/Courier) (Effective from January, 2021)

S. No.	Region	Journal	Print	Online	Print + Online
1	India	Annual Subscription: Individual (Four/Issues per Year)	INR 4000.00	INR 3000.00	INR 6000.00
	India	Annual Subscription: Institutional (Four/Issues per Year)*	INR 6500.00	INR 6000.00	INR 10000.00
2	India	Single Issue	INR 1500.00	INR 1000.00	INR 2000.00
3	India	Single Article	INR 500.00	INR 300.00	INR 750.00
4	India	Article Re-Print (For Authors: For Each Reprint)	INR 500.00		
5	Foreign	Annual Subscription: Individual (Four/Issues per Year)	US \$ 150.00	US \$ 125.00	US \$ 250.00
	Foreign	Annual Subscription: Institutional (Four/Issues per Year)	US \$ 250	US \$ 225.00	US \$ 400.00
6	Foreign	Single Issue	US \$ 70.00	US \$ 50.00	US \$ 100.00
7	Foreign	Single Article	US \$ 20.00	US \$ 10.00	US \$ 25.00
8	Foreign	Article Re-Print (For Authors: For Each Reprint)	US \$ 20.00		

\*Direct or through subscription agencies; \*Rates are inclusive of postage by Air-mail; INR: Indian Rupee; US \$ equivalent to Indian Rupee

## Donations are Exempted from Income-tax under Section 80G

## EDITORIAL

- National Minimum Standards of Education and Curriculum Development of Occupational Therapy by the All India Occupational Therapists' Association**  
Punita Vasant Solanki, Anil Kumar Srivastava, Jyothika Nand Bijlani, Lakshmanan Sethuraman 1

## ORIGINAL ARTICLES

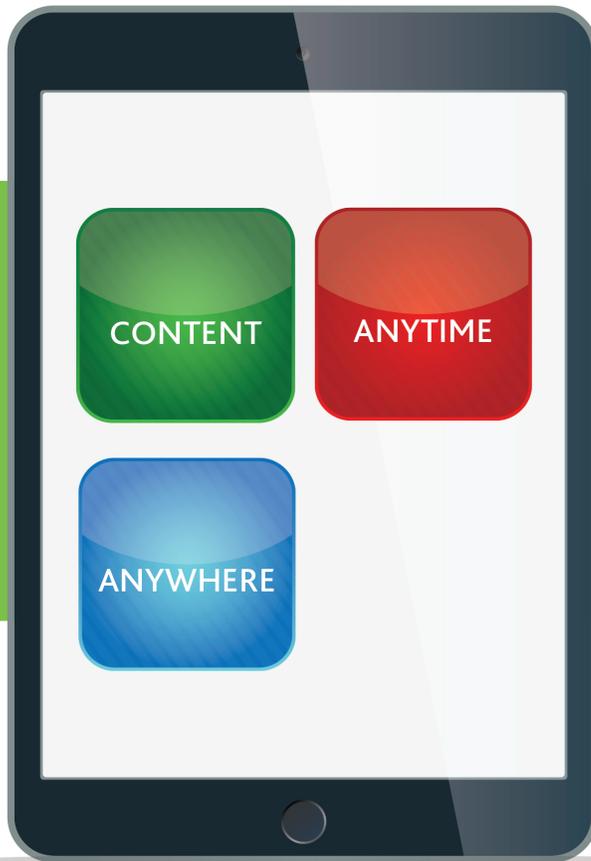
- The Efficacy of Occupational Therapy Intervention in Improving Quality of Life for Women with Premenstrual Syndrome with Different Age Groups: A Single-Arm Interventional Study**  
Neha Jain 3
- Motor Recovery Status and Cognitive Level among Stroke Patients: A Cross-Sectional Observational Study**  
Shanta Pandian, R. K. Sharma, Amit Dwivedi 13
- The Effect of Activity-based Sensory Reeducation Training on Symptom Severity in Patients with Carpal Tunnel Syndrome: A Randomized Controlled Study**  
Ananya Jana, Pragyan Singh 19

## CASE SERIES

- Occupational Participation in Patients with Neurocognitive Impairments Postneurosurgical Intervention Using Functional-based Structured Cognitive Interventions: A Case Series**  
Yash Manoj Dedhia, Shriharsh Shrinath Jahagirdar 24

## CASE REPORT

- Role of Occupational Therapy in Coronavirus Disease 2019 in a Home Health Setting: A Case Report**  
Shivani Bharti Vij 29



Medknow develops and maintains user friendly apps for iPad and Android platforms, ensuring faster, easier access to the journal content for the readers.

### Medknow app features and benefits:

- Easy-to-read full-text articles
- Browse, search and save for reference
- Interact with engaging multimedia
- Speedy issue-browsing capability via Quick View
- Quick scrolling through abstracts
- Convenient notification for issue online
- Access to tables, figures, and supplemental content
- Adjustable text sizing with 'pinch and zoom'



Scan QR code to download the latest journal apps

For more information visit [medknow.com](http://medknow.com) or email us at [info@medknow.com](mailto:info@medknow.com)

# The All India Occupational Therapists' Association

National Headquarter : 801, 8<sup>th</sup> Floor, Business Bay, Kamdhenu Realities, Above Indian Academy of Paediatrics, Plot No. 51, Sector No. 1, Nerul, Navi Mumbai - 400706, Maharashtra, India

Telephone No.: +91-22-27701801 | Email: admin@aiota.org

Website: www.aiota.org

## Office Bearers and Executive Committee, The AIOTA (April 2020 - March 2024)

### Dr. Anil K. Srivastava

President AIOTA, Executive Chairman ACOT & WFOT Delegate Lucknow

+91-9415405095, +91-9140879761 | president@aiota.org

### Dr. Surendra Kumar Meena

Vice-President

Jaipur

+91-9820962641

vicepresident@aiota.org

### Dr. Joseph Sunny

Honorary Secretary

Cochin

+91-9600005002

secretary@aiota.org

### Dr. Pratibha Milind Vaidya

Honorary Treasurer

Mumbai

+91-9821536404

treasurer@aiota.org

### Dr. Shashi Oberai

Ex-Officio Member

Mumbai

+91-9820962641

shashioberai@gmail.com

## Executive Committee

### Dr. Amitabh Kishor Dwivedi

Jaipur

+91-9785400214

akdwivedi123@yahoo.com

### Dr. M. Arun Kumar

Chennai

+91-9841544004

arunbot@rediffmail.com

### Dr. Punita V. Solanki

Mumbai

+91-9167180215

therapistindia@gmail.com

### Dr. S. Murali Krishnan

Chennai

+91-8939708089

murali.ot@gmail.com

### Dr. Pankaj Bajpai

Kolkata

+91-9433098374

pankajdaa@gmail.com

### Dr. Raj Kumar Sharma

Gurgaon

+91-9811147423

kumarrk52003@yahoo.co.in

## Executive Committee : The Academic Council of Occupational Therapy (ACOT) (April 2020 - March 2024)

### Dr. Jyothika Nand Bijlani

Dean

Mumbai

+91-9820964567

deanacot@aiota.org

### Dr. Kamal Narayan Arya

EC Member

New Delhi

+91-9899897408

kamalnarya@yahoo.com

### Dr. Shailaja Sandeep Jaywant

EC Member

New Delhi

+91-9820848040

shailaja.ot@gmail.com

### Dr. Vijay Batra

EC Member

New Delhi

+91-9811147917

vijaybatras@gmail.com

### Dr. Zarine Darius Ferzandi

EC Member

Mumbai

+91-9820742360

zarine.ferzandi@gmail.com

For AIOTA / WFOT Accredited BOT / MOT Education Programs in India, visit:

[https://aiota.org/education/accredited\\_colleges](https://aiota.org/education/accredited_colleges)

For More Information on Subscription and Advertisements:

Contact: Dr. Hemant P. Nandgaonkar

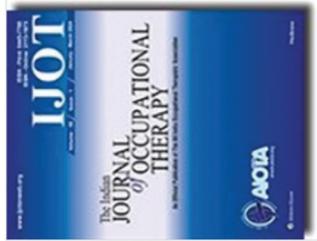
Assistant Editor, IJOT

+91-9819660953

Email: asst\_editor\_s@ijotonweb.org

Website: www.ijotonweb.org

### Current Issue



**Jan-Mar 2024 - Volume 56 - Issue 1**  
**Editor-in-Chief:** Dr. Anil K. Srivastava  
**ISSN:** 0445-7706  
**Online ISSN:** 2773-1073  
**Frequency:** Quarterly

[eTOC Alert](#)

### Current Issue Highlights

#### Editorial

#### National Minimum Standards of Education and Curriculum Development of Occupational Therapy by the All India Occupational Therapists' Association

Solaniki, Punita Vasant; Srivastava, Anil Kumar; Bijlani, Jyothika Nand; More  
*The Indian Journal of Occupational Therapy*, 56(1):1-2, Jan-Mar 2024.

[Favorite](#) | [PDF](#) | [Permissions](#)

[OPEN](#)

### Most Popular

#### Conceptualizing Spirituality in Occupational Therapy Practice: A Systematic Review

Background: Spirituality is a key domain of occupational therapy practice, and for some individuals and communities, all occupations are viewed as spiritual. However, occupational therapists find conceptualizing spirituality and its meaning for both themselves and their...  
*The Indian Journal of Occupational Therapy*, April 15, 2024

[OPEN](#)

#### Prevalence of Handwriting Difficulty among Second Grade School Students in North Chennai: A Cross-sectional Study

Background: Handwriting is one of the important skills, i.e., a child needs to meet the needs of the elementary school classroom. Handwriting difficulties affect children's school performance. The prevalence of handwriting difficulties among the school children was 34%....  
*The Indian Journal of Occupational Therapy*, April 15, 2024

[OPEN](#)

#### Influence of Parenting Style on Behavior of Preschool-Age Children Born Very Preterm: Cross-Sectional Comparative Study