

**Manas K Mandal**, Ph.D, FNAPsy

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Current Appointment

Distinguished Visiting Professor of Psychology, Indian Institute of Technology, Kharagpur

Past Appointments

Distinguished Scientist & Director General – Life Sciences, DRDO

Chief Controller (Research & Development) – Life Sciences, DRDO

Outstanding Scientist & Director, Defense Institute of Psychological Research, DRDO

Professor of Psychology, Department of Humanities & Social Sciences,  
 Indian Institute of Technology (IIT), Kharagpur

Visiting Faculty Abroad

Fulbright Lecturer, Harvard University, USA, 2003

Visiting Professor, Kyushu University, Japan, 1997, 2010-2011

Education

**Post-doctoral** 1994 – Waterloo University, Canada (Natural Science & Engineering Research Council)

1993 – Waterloo University, Canada (Indo-Canadian Shastri Fellow)

1986-87 – Delaware University, USA (Fulbright Fellow)

**Ph.D.** 1984 – University College of Science & Technology (Calcutta University)

**P.G.** 1979 – Calcutta University (First class with 1<sup>st</sup> position)

**U.G.** 1977 – Calcutta University (First Class with 1<sup>st</sup> position)

Awards

- Doctorate of Science (HonorisCausa), 2015
- Science Communication Award, DRDO (2008)
- Scientist-of-the-Year Award, DRDO (2006)\*
- Young Scientist Award, ISCA (1986)\*
- Jubilee Merit Award, Cal Univ 1979
- N.N. Sengupta Memorial Award, Cal Univ, 1977
- Technology Leadership Award, DRDO, 2015
- National Association of Medical Science (2011)
- Technology Spin-off Award, DRDO (2007)\*
- AGNI Award for Excellence, DRDO (2005)\*
- INSA-Royal Society, U.K., not availed (1997)
- Calcutta University Gold Medal (1979)
- Career Award (U.G.C.) (1988-91)
- Calcutta University Silver Medal (1977)

\*These awards were given away by the Prime Minister of India

## Published Research

- International Journals 88[list enclosed]
- Indian Journals 24[list enclosed]
- Book chapters 25[list enclosed]
- Monographs 03
- Test Construction 03

## Books

Twelve Books (Publishers: Kluwer International, IIAS Press; Allied Publishers; Nova Science (USA); Macmillan; Sage; Springer; East-West Press), [list enclosed]

## Fellowship/Visit

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| <ul style="list-style-type: none"> <li>• Int'l Atomic Energy Ass, Fukushima (2014)</li> <li>• Seymour Kety Fellowship, USA (2003)</li> <li>• Osaka University, Japan (2001)</li> <li>• Fulbright Post-doctoral Fellowship, U.S.A. (1986-87)</li> <li>• U.G.C. Fellowship, 1981-82</li> </ul> | <ul style="list-style-type: none"> <li>• Pacific Command, USA (2008)</li> <li>• Bakirkoy Days Speaker, Turkey (1999)</li> <li>• Shastri Fellowship, Canada (1993)</li> <li>• Govt. of India Fellowship for study abroad, 1986 (not availed)</li> <li>• INSA-Royal Society Nominee, 1997-98 (not availed)</li> </ul> |
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## Research experience

<b>Areas of Specialization</b>	Behavioral Neuroscience, Cognitive Science
<b>Research Supervision</b>	26 doctoral & 3 post-doctoral theses
<b>Invited / Special Lecture Oration</b>	225 National/International Conferences 125 in national & international institutes DRDO, IAS, IIT, IIM, IAM, AFA...other institutes of national importance
<b>Citation of Research</b>	More than 250 International Journals & Books with over 1500 citations

## Membership

<b>President</b>	<b>National Academy of Psychology – 2011</b>
<b>Member</b>	<b>Resident Fellow, NAoP – 2012</b> <ul style="list-style-type: none"> <li>• Member – National Academy of Sciences, India</li> <li>• Life Member – Indian Science Congress/Life Member: Sports Psychology Association of India</li> <li>• Member – National Academy of Psychology, India</li> <li>• Life Associate – Indian Association of Clinical Psychology</li> </ul>

**BOOKS :**

- Mandal, M.K., Bulman-Fleming, B., & Tiwari, G. [Eds.] (2000). **Side bias : Neuropsychological Perspective**. Kluwer International publishers, The Netherlands.
- Chakraborti, C., Mandal, M.K., & Chatterjee, R.B. [Eds.] (2003). **On Mind and Consciousness**. Indian Institute of Advanced Study – Shimla, India.
- Mandal, M.K. & Haque-Nizamie, S. [Eds.] (2004). **Current developments in schizophrenia**: Allied Publishers.
- Mandal, M.K. (2004). **Emotion: Basic Issues and Current Trends**: Affiliated East-West
- Emmerling, R., Shanwal, V., & Mandal, M.K. [Eds.] (2007). **Emotional Intelligence: Theoretical and Cultural Perspectives**. Nova Science Publishers (USA).
- Mandal, M.K. [Eds.] (2008). **In search of the right personnel**. MacMillan India.
- Mandal, M.K., Ramachandran, K, & Gupta, A. [Eds] (2008). **In Service of the soldier: A Life Science Perspective**. Macmillan India
- Kumar, U. & Mandal, M.K. [Eds.] (2010). **Suicide: Assessment & Diagnosis**. Sage
- Kumar. U. & Mandal, M.K. [Eds.] (2012). **Countering Terrorism : Psychosocial Guidelines**. Sage Publications.
- Dutta, T., Mandal, M.K., & Kumar, S. [Eds.] (2012). **Bias in Human Behaviour**. Nova Science, New York.
- Kaur, G., Awasthy, S. & Mandal, M.K. (Eds.) (2013). **Psychometric Testing in Armed Forces**. Pentagon Press, Delhi.
- Kumar. U. & Mandal, M.K. [Eds.] (2014). **Suicide Terrorism**. Sage Publications.
- Mandal, M.K. & Awasthy, A. [Eds.] (2015). **Understanding facial expressions in communication**. Springer.

**Training Manuals / Monographs:**

- Patnaik, P., Dhawalgi, S., & Mandal, M.K. (2007). **Deceit detection & interrogation**. DIPR: Cygnus, Kolkata, India.
- Mandal, M.K., Kumar, U., & Mishra, N. (2007). **Suicide and Fratricide: Dynamics and Management**. DIPR: Vidyanilyam Prakashan, Delhi, India.
- Mandal, M.K., & Awasthy, A. (2011). **Managing crowd & Mass panic: Psychosocial guidelines**. DIPR, Yugantar Publication, Delhi.

## Book Chapters:

Parkash, V., Kumar, U., & Mandal, M.K. (2015). Stress research: Varied paradigms. In S.B. Singh, N.R. Prabhakar, & S.N. Pentyala [Eds.] **Translational research in environmental & occupational research**, Springer.

Awasthi, a., & Mandal, M.K. (2014). Facial expressions of emotions: Research perspectives. In M.K. Mandal & A. Awasthy (Eds.). **Understanding facial expressions in communication: Cross-cultural & Multidisciplinary perspectives**, Springer.

Kaur, G., Awasthy, A., & Mandal, M.K. (2012) Pictorial situation judgement test. In G. Kaur, S. Awasthy, & M.K. Mandal (Eds.), **Psychometric testing in armed forces: Issues & challenges**. Pentagon Press.

Mandal, M.K., Sabharwal, A., & Awasthy, A. (2012). Facial expressions of emotion: A neuro-cultural perspective. In P.N. Tandon, R.C. Tripathi, & N. Srinivasan [Eds.], **Expanding Horizons of the Mind Science(s)**, New York: Nova Science.

Mukherjee, S., Kumar, U. & Mandal, M.K. (2010). Suicide and homicide: Theoretical Issues. In U.Kumar & M.K. Mandal [Eds.]. **Suicidal Behaviour: Assessment of People-at-risk**. Sage International.

Mandal, M.K., Asthana, H.S., & Biswal, R. (2008). Side bias in human behaviour. In N. Srinivasan, A.K. Gupta, & J. Pandey [Eds.]. **Advances in Cognitive Science**. Sage.

Gangopadhaya, M. & Mandal, M.K. (2007). Emotional intelligence: A universal or culture-specific concept? In R. Emmerling, V. Shanwal, & M.K. Mandal [Eds.] (2007). **Emotional Intelligence: Theoretical and Cultural Perspectives**. Nova Science Publishers (USA).

Mandal, M.K., Asthana, H.S., & Biswal, R. (2006). Side bias in human behaviour. In N. Srinivasan, A. K. Gupta, & J. Pandey (Eds.), **Advances in Cognitive Sciences**, Sage Publications, In Press.

Mandal, M.K. (2006). **Motivation and Emotion**. NCERT Text Book of Psychology, NCERT.

Kumar, S., & Mandal, M.K. (2004). Multi-pronged approach for studying lateralization in depression. In S.N. Sarbadhikari (Ed), **Depression and dementia in brain research, clinical applications and future trends**. NOVA Science Publishers, USA.

Chattopadhyay, S., & Mandal, M.K. (2004). Schizophrenia and obstetrical complications: Are they related? In M.K. Mandal & S. Haque-Nizamie (Eds.), **Current developments in schizophrenia**, Allied Publishers.

Mandal, M.K., & Bhattacharya, T. (2004). Psychosocial stress in schizophrenia. In M.K. Mandal & S. Haque-Nizamie (Eds.), **Current developments in schizophrenia**, Allied Publishers.

Mandal, M.K. (2003). Stress: Dynamics, outcome and management. In M.B. Sharan, M.B., & D. Suar (Eds.), **Management by interpersonal relationships**. Mumbai: Jaico.

Mandal, M.K. (2003). Understanding, expressing and experiencing emotion. In M.B. Sharan, M.B., & D. Suar (Eds.), **Management by interpersonal relationships**. Mumbai: Jaico.

Mandal, M.K., & Singh, M. (2002). Similarities and variations in facial expressions of emotion across cultures. In U. Vindhya (Ed.), **Intersecting cross-roads: Psychology in India**, Concept Publishing.

Spilich, G., Mandal, M. K., & Eifenbein, H. A. (2002). Web-based interactive activity on the understanding of facial expressions. In Spilich, G., Instructor's Manual for Gazzaniga & Hetherington's "**Psychological Science**." New York: W. W. Norton.

Ida, Y., Mandal, M.K., & Bryden, M.P. (2000). Factor structure of hand preference questionnaires: Are 'skilled' and 'unskilled' factors artifacts? In **Side bias: A neuropsychological perspective** (Eds. M.K. Mandal, B.M. Bulman-Fleming, & G. Tiwari), Kluwer International Publishers, North Holland.

Asthana, H.S., Bhushan, B., & Mandal, M.K. (2000). Side bias in facial expression. In **Side bias: A neuropsychological perspective** (Eds. M.K. Mandal, B.M. Bulman-Fleming, & G. Tiwari), Kluwer International Publishers, North Holland.

Singh, A.P., Srivastava, U.R., & Mandal, M.K. (1999). Role of social support in stress and health outcomes among Indian managerial personnel. **Progress in Asian Social Psychology**, Vol. II, Korea: K-K-Sa Publishing co.

Mandal, M.K. (1999). Physiological foundations of behaviour. **Psychology in India revisited**, ICSSR (Ed: J. Pandey), New Delhi: Sage Publications

Mandal, M.K. (1998). The cognitive aspects of facial emotion processing : A review of neuropsychological researches. In Sen, A.K. & Pande, P. **Current issues in Cognitive Psychology** (pp. 46-56). New Delhi: Campus Publishers.

### International Journals

Sharma, S., Gangopadhaya, M., Austin, E., & Mandal, M.K. (2013). Development and validation of a situation judgment test of emotional intelligence. **International Journal of Selection & Assessment**, 21, 57-73.

Suar, D., Mandal, M.K., Misra, I., & Suman, S. (2013). Patterns of hand preference & unintentional injuries among Indian attempted hand switchers and hand non-switchers. **Laterality**, 18, 652-670.

Kumar, S., Harizuka, S., & Mandal, M.K. (2012). Side bias in Autism: Handedness & Footedness. **The Journal of Rehabilitation Psychology**, 38(2), 15-19.

- Mandal, M.K., Sabharwal, A., Misra, I., Suman, S., & Suar, D. (2011). Mixed handed individuals with neuroticism sustain more accident related injuries in India. **International Journal of Psychology**, 1 - 9.
- Misra, I., Suar, D. & Mandal, M.K. (2011). Lateralization effects across sensory fields & stimulus types across males. **Studia Psychologica**, 53, 13-26.
- Bhushan, B., Suar, D., & Mandal, M.K. (2010). Handedness & Handwriting: Are they related? **Handwriting Analysis Review** (American Handwriting Analysis Foundation), 5, 1-8.
- Elfenbein, H.A., Foo, M.D., Mandal, M.K., Biswal, R., Eisenkraft, N., Lim, A., & Sharma, S. (2010). Individual Differences in the Expressing and Perceiving Nonverbal Cues: New Data on an Old Question. **Journal of Research in Personality**, 44, 199-206.
- Misra, I., Suar, D., & Mandal, M.K. (2010). Revisiting the relationship between hand preference and lateral eye movement. **Psychological Test and Assessment Modeling**, 52, 261-271.
- Kumar, S., Misra, I., Suman, S., Suar, D., & Mandal, M.K. (2010). Interrelationship of Limb Dominance and Sensory Function across Age. **International Journal of Neuroscience**, 120, 110-114.
- John Paul, F.U., Mandal, M.K., Ramchandran, K., & Panwar, M.R. (2010). Cognitive performance during long term residence in polar environment. **Journal of Environmental Psychology**, 30, 129-132.
- Sharma, S., Jurgen, D., Biswal, R., & Mandal, M.K. (2009). Emotional Intelligence: Factorial Structure and Construct Validity across Cultures. **International Journal of Cross-Cultural Management**, 9, 217-236.
- Suar, D., Bhusan, B., & Mandal, M.K. (2008). Handedness and writing: Are they related? **International Handwriting Analysis Review**, 5, 1-8.
- Suar, D., Mandal, M.K., Mishra, I., & Suman, S. (2007). Life-span trends of laterality in India. **Laterality**, 12, 302-320.
- Bandopadhyay, S., Chakraborty, P. P., Mandal, M. K., Ghatak, S. K., Chowdhury, R., & Ray S. (2006). Moving sound produces a significant decrease in arousal of psychosomatic patients. **International Journal of Neuroscience**, 116, 915-920.
- Pathak, K.S., Mandal, M.K., Rai, S., & Sharma, H.O. (2006). Heroin addicts show impairment of information processing at the iconic level. **Journal of Psychoactive Drugs**, 38, 107-108.
- Dutta, T. & Mandal, M.K. (2006). Hand preference and accidents in India. **Laterality**, 11, 368-372.

- Kumar, S., & Mandal, M.K. (2005). Bilateral transfer of skill in left and right handers. *Laterality*, 10, 337-344.
- Mandal, M.K., & Ambady, N. (2004). Laterality of facial expressions of emotion: Universal and culture-specific influences. *Behavioural Neurology*, 15, 23-34.
- Kumar, S., & Mandal, M.K. (2004). Motor performance as function of verbal, nonverbal interference and handedness. *International Journal of Neuroscience*, 114, 787-794.
- Elfenbein, H., Mandal, M.K., Ambady, N., Harizuka, S., & Kumar, S. (2004). Hemifacial differences in the in-group advantage in emotion recognition. *Cognition and Emotion*, 5, 13-29.
- Basu, A., & Mandal, M.K. (2004). Visual field superiority as a function of stimulus type and content: Further evidence. *International Journal of Neuroscience*, 114, 833-839.
- Upadhaya, N., Mandal, M.K., Asthana, A.K., & Sharma, H.O. (2003). Hand Preference in Patients with Allergy, Juvenile Cancer and Schizophrenia. *Laterality: Asymmetries of Body, Brain and Cognition*, 9, 325-337.
- Srivastava, S., Sharma, H.O., & Mandal, M.K. (2003). Mood Induction with Facial Expressions of Emotion in Patients with Generalized Anxiety Disorder. *Depression and Anxiety*, 18, 144-148.
- Kumar, S., & Mandal, M.K. (2003). Task-specific motor performance and musculoskeletal response as a function of handedness. *International Journal of Neuroscience*, 113, 1487-1495.
- Ida, Y., & Mandal, M.K. (2003). Cultural differences in side bias: Evidence from Japan and India. *Laterality: Asymmetries of Body, Brain and Cognition*, 8, 121-133.
- Green, M., & Mandal, M.K. (2002). Imaging brain in search of mind: The fMRI experience IV. *Trends in Cognitive Sciences*, 6, 366-367.
- Dutta, T., & Mandal, M.K. (2002). Visual-field superiority as a function of stimulus and content. *International Journal of Neuroscience*, 112, 943-950.
- Elfenbein, H., Mandal, M.K., Ambady, N., Harizuka, S., & Kumar, S. (2002). Cross-cultural patterns in emotional communication: Highlighting design and analytical techniques. *Emotion*, 2, 75-84.
- Suar, D., Mandal, M.K., & Khuntia, R. (2002). Supercyclone in Orissa: Psychological impact on survivors. *Journal of Traumatic Research*, 15, 313-319.
- Peters, M., Tan, U., Kang, Y., Teixeira, L., & Mandal, M. (2002). Sex –specific finger length patterns linked to behavioral variables; consistency across various human populations. *Perceptual and Motor Skills*, 94, 171-181.

- Ida, Y., Dutta, T., & Mandal, M.K. (2001). Side bias and accidents in Japan and India. **International Journal of Neuroscience**, 111, 89-98.
- Mandal, M.K., Suar, D., & Bhattacharya, T. (2001). Side bias and accidents: Are they related? **International Journal of Neuroscience**, 109, 139-146.
- Mohan, A., Singh, A.P., & Mandal, M.K. (2001). Transfer and interference of motor skills in persons with mental retardation. **Journal of Intellectual Disability Research**, 45, 361-369.
- Mandal, M.K., Harizuka, S., Bhushan, B., & Mishra, R.C. (2001). Cultural variation in hemifacial asymmetry of emotion expressions. **British Journal of Social Psychology**, 40, 385-398.
- Asthana, H.S. & Mandal, M.K. (2001). Visual-field bias in the judgment of facial expression of emotion. **The Journal of General Psychology**, 128, 21-29.
- Mandal, M.K., Bhushan, B., Kumar, A., & Gupta, P. (2000). Side bias in alcohol and heroin addicts. **Alcohol and Alcoholism**, 35, 381-383.
- Bhushan, B., Dwivedi, C.B., Mishra, R., & Mandal, M.K. (2000). Performance on a mirror-drawing task by non-right handers. **The Journal of General Psychology**, 127, 271-277.
- Weiss, U., Gur, R.C., Mandal, M.K., Salloum, J.B., Gur, R.E., & Schneider, F. (2000). Cross-cultural correspondence in emotional processing in schizophrenia. **Schizophrenia Research**, 42, 57-66.
- Pandey, S., Mohanty, S., & Mandal, M.K. (2000). Somatoperceptual asymmetry for cognitive stimuli: Support from experimental and clinical observations. **Laterality**, 5, 55-62.
- Mandal, M.K., Asthana, H.S., Dwivedi, C.B., & Bryden, M.P. (1999). Hand preference in deaf children. **Journal of Developmental and Physical Disabilities**, 11, 265-274.
- Mandal, M.K., Borod, J.C., Asthana, H.S., Mohanty, A., Mohanty, S., & Koff, E. (1999). Effects of lesion variables and emotion type on the perception of facial emotion. **Journal of Nervous and Mental Disease**, 187, 603-609.
- Pandey, S., Mohanty, S., & Mandal, M.K. (1999). Tactual recognition for cognitive stimuli : Roles of hemisphere and lobe. **International Journal of Neuroscience**, 100, 21-28.
- Mandal, M.K., Jain, A., Haque-Nizamie, S., Weiss, U., & Schneider, F. (1999). Generality and specificity of emotion recognition deficit in positive and negative symptom schizophrenics. **Psychiatry Research**, 87, 39-46.
- Mandal, M.K., Ida, Y., Harizuka, S., & Upadhaya, N. (1999). Cultural difference in hand preference : Evidence from India and Japan. **International Journal of Psychology**, 34, 59-66.
- Dadkhah, A., Harizuka, S., & Mandal, M.K. (1998). Pattern of social interaction in societies of Asia-Pacific region. **Journal of Social Psychology**, 139, 730-735.



- Mandal, M.K., Pandey, R., & Prasad, A.B. (1998). Facial expressions of emotions and schizophrenia - A review. **Schizophrenia Bulletin**, 24, 399 - 412.
- Mandal, M.K., Tiwari, G., Das, T., & Bryden, M.P. (1998). Handedness in mental retardation. **Laterality**, 3, 221-225.
- Asthana, H.S., Mandal, M.K., Khurana, H., & Haque-Nizamie, S. (1998). Visuospatial and affect recognition deficit in depression. **Journal Affective Disorders**, 48, 57-62.
- Asthana, H.S. & Mandal, M.K. (1998). Hemifacial asymmetry in emotion expressions. **Behavior Modification**, 22, 177-183.
- Tiwari, G. & Mandal, M.K. (1998). Side bias in schizophrenia: Hand, foot, eye, ear. **Journal of General Psychology**, 125, 39-46.
- Mandal, M.K., Asthana, H.S., & Maitra, S. (1998). Right hemisphere damage impairs the ability to process emotion expression of unusual face. **Behavior Modification**, 22, 167-176.
- Pandey, R. & Mandal, M.K. (1997). Emotional deficit in alexithymia. **The British Journal of Clinical Psychology**, 36, 631-633.
- Asthana, H.S. & Mandal, M.K. (1997). Hemiregional variations in face during emotion expressions. **The British Journal of Psychology**, 88, 519-525.
- Asthana, H.S. & Mandal, M.K. (1997). Mirror-reversal of a face is perceived as expressing emotions more intensely. **Behavioral Neurology**, 9, 115-117.
- Mandal, M.K., Bryden, M.P., & Bulman-Fleming, B. (1996). Similarities and variations in facial expressions of emotions: Cross-cultural evidence. **International Journal of Psychology**, 31, 41-58.
- Mandal, M.K., Asthana, H.S., Pandey, R., & Sarbadhikari, S. (1996). Cerebral laterality in affect and affective illness: A review. **Journal of Psychology**, 130, 447-459.
- Mandal, M.K., Mohanty, A., Pandey, R., & Mohanty, S. (1996). Emotion-specific processing deficit in focal brain-damaged patients. **International Journal of Neuroscience**, 84, 87-95.
- Pandey, R., Mandal, M.K., Taylor, G.J., & Parker, J.D.A. (1996). Cross-cultural alexithymia: Development and validation of a Hindi translation of the twenty-item alexithymia scale. **Journal of Clinical Psychology**, 52, 169-172.
- Biswas, A.K., Nizamie, S.H., Pandey, R., & Mandal, M.K. (1996). Bilateral transfer deficit in schizophrenia: A trait marker. **Psychiatry Research**, 64, 115-120.
- Pandey, R. & Mandal, M.K. (1996). Eysenckian personality dimensions and alexithymia: Examining the overlap in terms of perceived autonomic arousal. **Personality and Individual Difference**, 20, 499-504.

Mandal, M.K., Asthana, H.S., & Pandey, R. (1995). Asymmetry in emotional face: Its role in intensity of emotion. **Journal of Psychology**, *129*, 235-241.

Mandal, M.K. & Singh, S.K. (1993). Lateral hand preference in self-classified right-handed schizophrenics. **Human Movement Science**, *12*, 507-514.

Mandal, M.K., Asthana, H.S., & Tandon, H.C. (1993). Judgment of facial expression of emotion in unilateral brain-damaged patients. **Archives of Clinical Neuropsychology**, *8*, 171-183.

Shukla, V., Behere, P.B., & Mandal, M.K. (1993). The right ear advantage in schizophrenia. **The British Journal of Clinical Psychology**, *32*, 221-223.

Mandal, M.K., Asthana, H.S., Madan, S., & Pandey, R. (1992). Hemifacial display of emotion in the resting face. **Behavioral Neurology**, *5*, 169-171.

Mandal, M.K., Pandey, R., & Madan, S. (1992). Exposed eye area differs during expressions of facial emotions. **Journal of General Psychology**, *119*, 385-389.

Mandal, M.K., Singh, S.K., Asthana, H.S., & Srivastava, P. (1992). Bilateral transfer deficit in schizophrenia. **Comprehensive Psychiatry**, *33*, 319-324.

Mandal, M.K., Pandey, G., Singh, S.K., & Asthana, H.S. (1992). Degree of asymmetry in lateral preferences - eye, foot, ear. **Journal of Psychology**, *126*, 155-162.

Mandal, M.K., Asthana, H.S., Tandon, S.C., & Asthana, S. (1992). Role of cerebral hemispheres and regions in processing hemifacial expression of emotion: Evidence from brain-damage. **International Journal of Neuroscience**, *63*, 187-195.

Mandal, M.K., Pandey, G., Singh, S.K., & Asthana, H.S. (1992). Hand preference in India. **International Journal of Psychology**, *27*, 433-442.

Asthana, H.S., Mandal, M.K., Tandon, S.C., & Asthana, S. (1991). Matching top-bottom parts of facial expressions by brain-damaged patients. **Behavioral Neurology**, *4*, 255-263.

Mandal, M.K., Tandon, S.C., & Asthana, H.S. (1991). Right brain damage impairs recognition of negative emotions. **Cortex**, *27*, 247-254.

Mandal, M.K., Srivastava, P., & Singh, S.K. (1990). Paralinguistic characteristics of speech in schizophrenics and depressives. **Journal of Psychiatric Researches**, *24*, 191-196.

Mandal, M.K. & Singh, S.K. (1990). Lateral asymmetry in identification and expression of facial emotions. **Cognition and Emotion**, *4*, 61-70.

Srivastava, P. & Mandal, M.K. (1990). Proximal spacing to facial affect expressions in schizophrenia. **Comprehensive Psychiatry**, *31*, 119-124.

Mandal, M.K., Singh, S.K., & Srivastava, P. (1990). Identification of tachistoscopically presented alphanumeric stimuli in schizophrenia. **The British Journal of Clinical Psychology**, *29*, 111-112.

Mandal, M.K. & Gewali, H. (1989). Identification of brief presentations of facial expressions of affects in schizophrenics. **International Journal of Psychology**, *24*, 605-616.

Mandal, M.K. & Palchoudhury, S. (1989). Identifying the components of facial emotion and schizophrenia. **Psychopathology**, *22*, 295-300.

Mandal, M.K. (1987). Decoding facial emotions in terms of expressiveness by schizophrenics and depressives. **Psychiatry: Interpersonal and Biological Processes**, *50*, 371-376.

Mandal, M.K. & Rai, A.K. (1987). Responses to facial emotion and psychopathology. **Psychiatry Research**, *20*, 317-324.

Mandal, M.K. & Palchoudhury, S. (1986). Choice of facial affect and psychopathology. **Journal of Social Behavior and Personality**, *1*, 299-302.

Mandal, M.K. (1986). Judgement of facial affect among depressives and schizophrenics. **The British Journal of Clinical Psychology**, *25*, 87-92.

Mandal, M.K. & Palchoudhury, S. (1985). Responses to facial expression of emotion in depression. **Psychological Reports**, *56*, 653-654.

Mandal, M.K. & Maitra, S. (1985). Perception of facial affect and physical proximity. **Perceptual and Motor Skills**, *60*, 682.

Mandal, M.K. & Bhattacharya, B.B. (1985). Recognition of facial affect in depression. **Perceptual and Motor Skills**, *61*, 13-14.

Mandal, M.K. & Palchoudhury, S. (1985). Decoding of facial affect in schizophrenia. **Psychological Reports**, *56*, 651-652.

Mandal, M.K. & Palchoudhury, S. (1985). Perceptual skill in decoding facial affect. **Perceptual and Motor Skills**, *60*, 96-98.

Saha, G.B., Palchoudhury, S., & Mandal, M.K. (1982). A study on facial expression of emotion. **Psychologia**, *25*, 255-259.

### Indian Journals

Sharma, M., Modi, S., Khushu, S., & Mandal, M.K. (2010). Neural activation pattern in self-deceivers. **Psychological Studies**, .

Mandal, M.K. (2008). Cultural In-Group Advantage in Accuracy at Recognizing Vocal Expressions of Emotion. **Psychological Studies**, *53* (2), 126-132.

- Mishra, I., Suar, D., & Mandal, M.K. (2008). How Good People are at Estimating their Own Performance? A Study of Relationship between Hand Preference and Motor Performance. **Psychology and Developing Societies**, 20(1), 111-125.
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