

## **BIBLIOGRAPHY**

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Adams, S. K. (1988): "Hand grip strength" International encyclopedia of ergonomics and human factor.

**Agarwal, K.G. (1988)**: "Casual Labour of Kanpur: Their living and working conditions" The Indian Journal of Social work. Vol (2): 298.

Agarwal, Meeta (2001): "Ergonomic assessment of activities performed by wome workers involved in food processing industries of district Nainital, Master Thesis, Dept. of FRM, College of H.Sc. G.B. P.U.A.T. Pantnagar, Uttranchal.

Agarwal, M. and Sharma, P. (2003): "Ergonomic evaluation of postural stress among Asian women workers involved in food processing industries". <u>J. of ARAHE</u>. Korea, March 10(1): 22 - 26.

**Agarwal, M. and Sharma, P. (2003)**: "Work related muscular stress (handgrip) and time expenditure pattern of women workers involved in food processing industries". <u>J. of ARAHE</u> Korea, June 10(2): 104-108.

Agropharma, Narmada (1996): "Organic food" <u>Technical article</u> Narmada Agropharma Pvt. Ltd. Growers and suppliers of organic food Badwan (M.P.)

Ahuja, A (1993): "An analysis of household activities performed by (middle and upper class) employees and non-employee home makers" <u>Master Thesis</u>, M.S. U., Baroda.

All India Coordinated Research project (AICRP) (1994): "Pesticides residue" Progress report, ICAR New Delhi p. 40 – 42

All India Co-ordinated Research Project (1999): "Ergonomics in agriculture activities of women farmers" <u>Annual Report</u> prepared by FRM Dept. College of H. Sc. GBPUAT, Uttranchal.

All India Coordinated Research project (AICRP) (2000): "Ergonomics in agriculture activities of women farmers" <u>Annual Report</u> prepared by FRM Dept. College of Home Science, Udaipur.

All India Coordinated Research Project on Human Engineering and safety in Agriculture (2000): "Test code and procedure for ergonomical evaluation of manually operated weeders": CIAE Bhopal p.9.

All India Coordinated Research Project (AICRP) (2001): "Ergonomics of farm women's drudgery" Annual Report prepared by FRM Dept. College of H.Sc. Udaipur.

Anastasi, A. (1982): "Psychological testing" 5th ed. New York. Mac Millan Publishing company. p. 102 - 104.

Asia and Pacific Development Centre (1989): "Asian and pacific women's resource and action series health" Kuala Lumpur: APDC, p. 103 - 117.

Awasthey I. (1982): "Rural women of India - A socio-economic profile of Jammu Women" B.R. Publishing Corporation, Delhi.

Bafna, Kuntal (1979): "A study of the use of time by homemakers" <u>Master Thesis</u>, M. S. University of Baroda, Baroda.

Banerjee, B. and Saha, H. (1970): "Energy cost of some daily activities of tropical male and female subjects" J. of applied physiology 29: 203.

Batliwada, S. (1988): "Fields of rice: health hazards for women and unborn children" Munshi: American J. of women and society, (56): p281.

Bedale, E. M. (1924): "Comparison of energy expenditure of a women carrying loads in eight different operations" Report: Industrial fatigue Research Board, London.

Best, J. W. and Khan, J.V. (1989): "Research in Education" New Delhi, Prentice Hall of India Pvt. p. 56.

**Bhaduri, A. (1988)**: "Technological Change and Rural women: A conceptual analysis" In: Ahmed, I. (ed) <u>Technology and Rural women</u>. Boston: George Allen and Unwin, p.15 - 26.

Bhattacharyajee, S. (1995): "Studies on the optimum location of a rotary device" <u>Unpublished M. Tech Thesis</u> Agricultural Engineering Dept. Indian Institute of Technology. Kharagpur.

Borah, Ruplekha (1991): "Technology, women's task performance and quality of life of rural household in Assam" Ph.D. Thesis Dept. of Home Management, Faculty of Home Science, The M.S. University of Baroda. p. 519.

Borg, G. (1998): "Borg's perceived exertion and pain scale" Champaign, IL.

Boussena, M. and Davies, B.T. (1987): "Engineering anthropometry of employment rehabilitation centre clients" <u>Ergonomics</u> 18(3): 223-238.

**Broucha**, L. (1967): "Physiology in industry" In: Varghese, M.A.; Bhatnagar, A., and Saha, N. P. (1986). <u>Ergonomics research on women in India</u>. Mumbai. Ergonomics laboratory SNDT Mumbai, p. 4 - 6.

Broucha, L. and Ball, P. (1953): "Fatigue measurement and reduction" <u>J. of</u> Industrial medicine and surgery 22: 547 - 554.

Brown, J. K. (1961): "Lifting: an industrial hazard" American Industrial Hygiene, Asso. Journal. 34: 294-295.

Brun, T. A.; Geissler, G. A.; Mirbagheri, I.; Hormonzdesy, M.; Bastani, J. and Hedayat, H. (1979): "The energy expenditure of Iranian agricultural workers" The American J. of Clinical Nutrition. 32: 2154-2161.

Busca, L. and Granati, A. (1945): "Lavora della Mielitura" Bolt Soc. Halspet 20:20-34.

Cayle, J. and Wardle, B. (1977): Women and Strenuous work" <u>Human factors</u> 19(5): 515 - 517.

Chakarvarti, R. (1995): "Science and Technology change: Impact on status of women- some perspective" Paper presented in seminar on Technological change and women towards  $21^{st}$  Century, Feb. 5 – 9, New Delhi.

Chander, M. (1996): "Organic farming: Implication for rural extension services" In: Kristensen, N. H. and Jensen, H.H. (eds) New research in organic agriculture. Proceedings of the 11th IFOAM International Scientific Conference. 2 (1): 144-149

**Chander, M. (2002)**: "Standards of organic livestock farming: A comparative review" In: Workshop on Organic Animal Husbandry Standards. Nov. 26 – 27, Indian veterinary research institute IVRI (UP).

Chengappa R. and Rajghatta C. (1989): "Poison in your food" India Today 2 (1): 15 - 20.

Chowkidar, V.V. and George, P.S. (1972): "Adoption behaviour and characteristic of farmers" <u>Indian J. of Extension Education</u> 8(3 &4): 103-111

Christensen, E.H. (1953): "Physiological evaluation of work in the Nykrappa Iron Workers" <u>Ergonomics Soc. Symptoms on fatigue</u> London, p. 98-108.

Christensen, E.H. (1963): "Man at work outline of work physiology" <u>Issued</u> by Chief Advisor of factories, Ministry of labour and Employment, Govt. of <u>India</u>, New Delhi p. 7 - 10

Clark, T.S. and Corlett, E.N. (1984): "The Ergonomics of work spaces and machine" A design manual London Taylor and Francis.

Competition Success Review (2002): Annual Report.

Corlett, E. N. and Bishop, R. P. (1976): "A technique for assessing postural discomfor" Ergonomics Vol. 1(12): 175 – 182.

Corney, I. (1980): "Anthropometry for designers" London, Ancher Press Limited.

Damon, A.; Stoudt, H.W.; McFarland, R.A. (1971): "The human body in equipment design". Cambridge, Mass: Harvard University Press.

De, A. and Sen, R. (1991): "Ergonomic evaluation of ploughing process of paddy cultivation in India" J. Human Factor. 15, 103 - 112.

**Dhesai, B.** (1970): "Industrial Accidents - A Heavy Price" <u>Times Weekly</u>, 3 (31): 3.

Devadas, R. P.; Sundaram, P. and Sithal Kshmi, S. (1988): "Technologies do not happen They have to be Generated" Indian Farming 17(8): 51-54.

**Devi L.** (1984): "Role of rural women in agricultural development" Kurukshetra Oct. 16, 1:15-20

**Devi, L. A. and Reddy, V.S. (1987)**: "Role performance of women in farm and home management (A path analysis)" The J. of research APAU 15(2): 143 - 147.

Devrani, R. and Ojha, T. P. (1988): "Improved agricultural implements for farm women" Paper presented in international conference on appropriate agricultrual technology for future research strategy on linkages with development agent. November 30 - December 6 Organized by ICAR, New Delhi.

Dhesi, A. S. and Wadhwa, U. (1983): "The informal sector in Nagpal: An overview" Indian J. of Regional Science, (15) 1:3

**Dubey, V.K.** (1992): "Women and rural transformation in Uttarakhand: Structure policy and experiences" In: <u>Women in Agriculture: Education, training and development (ed)</u> by Punia, R.K. Northen Book Centre, New Delhi (2): 161-183

**Durwin, J. V. (1997)**: "Energy Work and Leisure" 1<sup>st</sup> ed. Heinamanna Educational Book, London.

Edward, Allen, L. (1957): "Techniques of attitude scale construction" Bombay: Vakils, Effer and Simons Pvt. Ltd. p. 55.

**Farouq, A. (1980)**: "Use of time by individuals: A survey in Bangladesh" In: H.P. Banaswangler, and Rober, E (eds) <u>Rural Households Studies in Asia</u>, Singapore.

Francis, C. M. (1992): "Occupational hazards": The need for adequate legislation and strict implementation, Health Action, 5(4): 23.

- Gamberala, F. (1972): "Perceived exertion, heart rate and oxygen intake in different work operations" <u>Ergonomics</u> 15: 545 554.
- Gandhi (1986): "Participation of women in farm activities" Women in agriculture 2:15-20
- Gandhi, S. and Singh, R. (1987): "Time utilization pattern of different socioeconomic categories in Rural Haryana" <u>Indian J. of Home Science</u> 17(2): 80-81.
- **Devi, L.(1982)**: "Role of rural women in agricultural development" Kurukshetra, Oct. 16, 15 20.
- Gite, L. P. and Yadav, B.G. (1990): "Optimum handle height for a push-pull type manually operated dryland weeder" <u>Ergonomics</u>, 33, 1487-1494.
- Gite, L. P. (1991): "Optimum handle height for animal drawn mould board plough" Applied Ergonomics 22, 21 28.
- Gite, L. P.; Ghugare, B. D.; Adhaoo, S. H.; Pandye, A. C. and Patel, S. L. (1991): "Ergonomics evaluation of a lever operated knapsack sprayer" <u>Applied Ergonomics</u> 22: 241 250.
- Gite, et al (1993): "Ergonomics in India n agriculture A Review" <u>Paper</u> presented in the international workshop on human and draught animal powered <u>crop production</u> held on Jan. 19-22at Harare (Zimbabwe)
- Gite, L. P. (1996): "Some investigation on a sickle lever operated knapsack sprayer from mechanical and ergonomical considerations" <u>Unpublished Ph. D. thesis</u>. Indian Institute of Technology, Khadakpur.
- Gite, L. P. and Singh, G. (1997): "Ergonomics in agricultural and allied activities in India" Project report CIAE Bhopal. p. 51
- Gite, L.P. and Singh G. (2001): "Report" Central Institute of Agricultural Engineering Bhopal pp.18
- **Grandjean (1971)**: "The Physiology of Work"  $3^{rd}$  eds. London and Frances Ltd. p. 64-70.
- Grewal, N. (1980): "A comparative study on utilization of time in households activities by rural and urban homemakers of Ludhiana District" M.Sc. Thesis Punjab Agricultural University, Ludhiana.
- Grover, I and Verma T. (1993): "Rural Household Pattern: Time Household Possession, fuel and fodder consumption" <u>J. of research</u>, Haryana Agriculture University. 23(1) 54-60.

Gulati, L. (1991): "Women in the unorganised sector with reference to Kerala" The Indian J. of Labour Economics, 34(2): 241 - 248.

Gupta, (1986): "A study of communication profile and needs of rural women of Tarai in Nainital district" Master Thesis, GBPUAT, Pantnagar, Uttranchal.

Hanspal, N. (1985): "A study of the kitchen work surfaces and storage spaces suited for Punjab ladies" Master Thesis, (Abstract), PAU, Ludhiana.

Helander, M. G. and Quance, L. A. (1990): "Effect of work-rest schedule on spinal shrinkage in the sedentary workers" Applied Ergonomics, p. 279 – 284.

Henning J., Thomassian P. and Baker L. (1990): "Organic farming in Quebac" Results of a survey Dept. of agricultural economics McHill University, Quebec p. 21 - 22.

Hodges, R. D. (1981): "An agriculture for the future" In: Stonerore, B. (ed). Biological husbandry a scientific approach to organic farming, Batterworths, London, p. 1 - 14.

Hongwel, H; Daniel L. and Snyder, K. (2002): "Anthropometric differences among different occupational groups" <u>Ergonomics</u>. Vol. 45 (2): 136 - 152.

Indian Federation of Organic Agriculture Movement (IFOAM) (1996): "Concepts, principles and basic standards of organic agriculture" A Guideline for policies for the organic Agriculture standards Aurangabad Nov. 28 - 29 p. 20 - 25

International Labour Organisation, (1983): "Manual lifting and carrying load" <u>International occupation safety and health information</u> sheet no. 3 Geneva.

Jain, S. C. (1980): "Women and technology" Jaipur. Ranawat publications.

Jearth, B. K. (1970): "Social and preventive medicine" Ludiana, Manmohan Jearth, p. 93 - 103.

Jha P.N. and Sekhawat, G.S. (1972): "Adoption Behaviour of Farmers towards hybrid Bajra cultivation" <u>Indian J. of Extension education</u> 8(1&2): 24-31.

Joshi (1985): "Women in Agriculture" Indian farming. 11:11-15.

Kamalamma, N. (1981): "Development of technique for establishing time norms of household work of rural family" Ph. D. Thesis. M.S. University of Baroda, Baroda.

Kaman, E. (1982): "Physiological basis for the design of work and rest" In: Varghese M. A.; Bhatnagar, A.; and Saha, P. N. 1986. <u>Ergonomics research on women in India</u> Mumbai Ergonomic Laboratory SNDT, Mumbai, p. 4-8.

Kamon, E. and Belding, H. S. (1982): "The physiological cost of carrying loads in temperate and hot environments" <u>Human factors</u>. 13, 153 – 161.

Kathirvel K.; Manion, R. and Senthilkummar, T. (2001): "Agricultural Ergonomics: Technology of man - machine environment in farm" J. of Environment and people November p. 5-6.

Kaul, R.N. and Splinter, W.E. (1964): "The man machine concept as a guideline to the introduction and development of small implements in India" Paper presented at the 1964 annual meeting of ASAE held at Colorado.

Kaur, M. (1988): "Rural women and technological Development" Delhi Discovery Publishing House.

Kaur, Santam (1986): Role of women in Rural Development: A case study of Haryana. Ph.D. Thesis. Haryana Agriculture University, Hisar.

Keiser, M. B. and Weaver, S. K. (1962): "Body movements" <u>J. of Home Economics</u> 54: 479 - 480.

Kirk, P.M. and Sullman, M.J.M. (2001): "Heart rate strain in cable hauler choker setters in Newzeland logging operations" <u>Applied Ergonomics</u>. Vol. 32, 389-398.

Koeman, J.H. (1978): "Advances in pesticide science part 1" (ed Geissbuhler, H.) Pergamon Press, New York. p. 25 - 38

Korsak, R. J. and Sato, M. M. (1977): "Effects of pesticides on health" <u>J. of Clinical Toxicology</u>. 11:83-84.

Kothari, C. (1985): "Research Methodology: Methods and Techniques" New Delhi, Willey Eastern Ltd. p.119.

Krishnamurthy, K. and Kulkarni, K. R. (1988): "Appropriate agricultural technology for farm women" Paper presented in International conference on appropriate agricultural technologies for women. Future research strategy and linkages with development systems. Novemer 30 - Dec. 6. Organized by ICAR, New Delhi.

Lampkin, H. (1990): "Organic farming" Farming Press book U.K. p 40 - 45

Lehman, G. (1953): "Praktische Arbeits – Physiologic" Stuttgart: George Thieme Verlag

- Mathur, H. N., Babu R.; Joshie, P. and Singh B. (1976): "Effect of clear felling and reforestation on runoff and peak rates in small watershed" <u>J. of</u> Indian Foresters 102 (4): 219 226
- Molenbrock, M. (1987): "Anthropometry of elderly people in the Netherlands: Research and application" <u>Applied Ergonomics</u> 18(3): 187 199.
- Muller, E. A. (1953): "The physiological basis of rest pauses in heavy work" Quarterly J. of Experimental Physiological and Medical Sciences, 38: 205-215.
- Munjal, S.; Sangwan, V. and Grover, I. (1984): "Work Participation and time allocation pattern among rural women" In: Dak, T.M. (Eg.) Women and Work in Indian Society, New Delhi: Discovery Publishing House, p 127-135.
- Murayama, N. and Ohtsuka, R. (1999): "Seasonal fluctuation in energy balance among farmers in North-east Thailand: The lack of response of energy intake to the change of energy expenditure" J. of Clinical Nutrition. 53(1):39-49.
- Nag, P. K. and Dutt, P. (1979): "Effectiveness of simple agricultural weeders with reference to physiological responses" J. of Human Factor. 8: 13-21.
- Nag, P. K. and Chatterjee, S. K. (1981): "Physiological reactions of female workers in Indian agricultural work" <u>Human Factor</u>. 23: 607 614.
- Nag, et al (1980): "Energy Expenditure in some agriculture and allied activities" In: Ergonomics in Agriculture and Allied Activities in India (ed) Gite L. P. and Singh, G. CIAE, Bhopal. p. 42
- Nag, P.K. and Dutt, P.(1980): "Cardio respiratory efficiency in some agricultural work" Applied Ergonomics 11:81-84
- Nag, P.K. and Chintharia, S.G. (1987): "Anthropometry of small scale industrial women workers" <u>Ergonomics</u>, 23, 91-102
- Nag, P.K.; Goswami, S. P. Ashtekar and Pradhan, C. K. (1988): "Ergonomics in sickle operations" J. of Applied Ergonomics pp. 193, 233-239.
- Naire, N. V. (1992): "Occupational diseases" Health Action, 5(4):15-17.
- Negi, A. K. (1992): "Studies on impact of local folk on forest of Garwal Himalaya" M. Phil thesis, H.N.B. Garhwal Uni. Srinagar, Garhwal.
- O'brien, R. (1941): "Women's measurement for garments and pattern construction" Washington D.C. Status Government printing office" Cited in: Kuruvilla, A. (1971). Anthropometric Study of Girls between 15 20 years of age. Master thesis. M.S. University of Baroda, Baroda.

- Oberoi, K.; Sharma, V.K. and saxena, S. (1996): "Ergonomic study of Kitchen activities in Ludhiana district" <u>Progress report of the ICAR Ad-hoc research Scheme</u>, PAU, Ludhiana.
- Park, R. E. and Rodburd, K. (1962): "Behind our Masks" <u>Survey</u>. 56 · 135 139.
- Patel, M. and Singh, K.N. (1972): "Differential characteristics of adopters and non-adopters of farm planning" <u>Indian J. of Extension education</u> 6(1 & 2): 96-102
- Pathak, P.K. (2002): "Farmers animal husbandry practices in relation to organic animal husbandry standards: An Exploratory study in Bankera district of west Bengal" M.V.Sc Thesis Indian Veterinary Research Institute (IVRI) U.P. India p. 170
- **Pheasant, S. (1991)**: "Ergonomics work and health" Macmillan Press Hampshire. p. 364.
- **Pheasant, S. T. (1982)**: "Anthropometric estimates for British Civilian Adults" Ergonomics 25(11): 993 1001.
- Philip, U.; Reiche, D. and Kirchner, J. H. (1971): "The use of subjective rating of workers" Ergonomics 14(5): 611-616.
- Philips, P.G. (1954): "Metabolic cost of agricultural activities in West Africa"

  J. of Tropical Medicine 57: 12 20.
- Pradhan, S. K.; Goswami, A; Ghosh, S. K. and Nag, P. K. (1986): "Evaluation of working with spade in agriculture" <u>Indian J. Medical Research</u> 84, 424-429.
- Prasad, C.; Singh, R. P. and Krishan, K. S. (1988): "Review of research Studies" Women in agriculture in India, ICAR, New Delhi.
- **Puri, S. (1975)**: "A study of adoption of family planning measures in two high adoption villages" <u>Indian J. of Extension Education</u> 9(1 & 2): 52 57.
- Raju, P. R.; Naidu, B. R. and Reddy, M. M. (1986): "Impact of non-instutuional training on farmers knowledge, attitude and adoption" <u>J. of Research</u>, PAU. 18(2): 173 177.
- Rama, K. (1990): "Role of women in farm decision" Women in agriculture. 1:11 13.
- Rao, S. (1987): "Physiological costs and perceived exertion for home and farm activities done by rural women" <u>Unpublished Ph.D. thesis</u> SVT college of Home Science, SNDT women's University, Mumbai.

Reddy, K. J. and Reedy, G. B. (1972): "Adoption of improved agricultural practices in Andhra Pradesh" <u>Indian J. of Extension Education</u> 8 (1&2):14-23.

Rural Area Research Field Development Corporation (1980), Lucknow.

Saha, P. N.; Banerjee, P.K. and Narayan, G. G. (1973): "Evaluation of occupational workload a cold rolling mill in Bombay" Report. p. 8-12.

Saha, P.N.; Banerjee, P.K. and Narayan, G.G. (1979): "An acceptable workload for Indian workers" <u>Ergonomics</u> 22 (9):1059-1071

Sakai, M.; Kurata, K; Annevelink, E. and Oving, R. (1993): "The change of women's workload and women's role in Japanese agriculture". <u>Proceedings XVC10 STA - CIGRV Congress: Farm Planning labour and labour conditions, computed in agriculture management</u>, Wageninger, Netherlands, 10-13 May, p 158-162.

Sandhu, M. K. (1985): "A study of the utilization of the time spend in performing household activities by homemakers of rural area" An abstract published in: PAU Home Science Research Abstract. p. 23 - 24.

Saxena, D. and Bhatnagar, S. R. (1985): "A comparative study of time utilization pattern of tribal and non-tribal women in Rajasthan" Indian J. of Extension Education 21(1 & 2): 83-85.

Selvarani, S. (1992): "Handling work place stresses" <u>Health Action</u>. 5(4): 4-9.

Sen, G. (1986): "Paddy Production, Processing and Women Workers in India: The South US North East" Paper presented at the conference on: Women in rice farming system 26-30 Sept. (1983) IRRI Lusbarcs, Lutansa.

Shahnawaz, H. and Davies, B.T. (1977): "Anthropometric Study of Iranian steel workers" Ergonomics 20(6): 651 - 658.

**Shalini (2000)**: "Ergonomic evaluation of workload to determine work rest allowance in critical activities for the physical fitness of women farmers of Hill region of Nainital district" <u>Master thesis</u>. Dept. of FRM, College of H.Sc. G.B. Pant University of Agriculture and Technology, Uttranchal.

**Sharma A.K. (2001)**: "A handbook of Organic Farming" Jodhpur, Agrobios India p 627

Sharma and Dey B. (1990): "Impact of new technologies on life and employment of women. Paper presented at the Asian workshop on technological change and women towards 21st century. February 5 - 9. New Delhi, India.

- Sharma, A (1993): "Rural women and technology" <u>Ph. D Thesis</u> Department of Home Management, Faculty of Home Science. The M. S. University of Baroda, Gujarat.
- Sharma, Ashima (1986): "Constraints in the acceptance of selected household technologies by the rural women" <u>Master thesis</u> M.S. University of Baroda, Baroda.
- Sharma, P. and Thakur, T.C. (1996-98). "Ergonomic assessment of various activities performed by women farmer in farm household of hill region of U.P." Report: Adhoc Research scheme, ICAR Pantnagar, p.196.
- Sharma, S. and Singh, T.R. (1984): "Rural women's level of knowledge and persuasion for the acceptance of solar cooker device" <u>Indian J. of extension education</u>. 20(1 & 2): 47 50.
- Sharma, S. K. (1995): "Occupational health problems: Impact on output and household development of women workers of rural and urban handloom industries of Panipat" Ph.D. Thesis Dept of Home Management, Faculty of Home Science. The M. S. University of Baroda, Gujarat.
- Shukla, S. R. (1980): "Adoption Behaviour of small farmers" <u>Indian J. of Extension Education</u> 16(1 & 2): 55-58.
- Sikka, B. K. and Swarup R. (1990): "Role of Women in Hill Farming: A study of Himachal Pradesh" Agricultural Situation in India 44 (10): 835-836.
- Singh, R.V. (2001): "Untapped potential down to earth" Science & Culture 10(8): 34 41
- Singh, C. B., and Rani, V. (1983): "Work Burden of farm women: A study" Kurukshetra. 31(16): 10-13.
- Singh, J. (1989): "Energy expenditure of Cambodian women during peak agricultural activity measured by the doubly labelled water method" <u>British J. of Nutrition</u>. 62(2):315-329.
- Singh, K.N. and Singh, S.N. (1981): "Measurement in extension research" Instrument Developed at Indian Agricultural Research Institute. <u>Division of agricultural division</u>. New Delh. p. 178-181.
- Singh, S. (2000). "Ergonomic assessment of modes of carrying load and related health hazards of women farmers of Kumaon hills" <u>Master thesis</u>. Dept. of FRM, College of Home Science, G. B. Pant University of Agriculture and Technology, Pantnagar, Uttranchal.

- Singh, S. and Sharma, P. (2003): "Modes of lifting and transporting loads in rural hill areas" An analysis <u>J. of ARAHE</u>, Korea, June 10(2): 91 -98.
- Singhal, Savita (1989): "Women's work pattern and economic contribution to family resources development in rural household of Haryana" <u>Ph.D. Thesis</u>, Faculty of Home Science, M.S. University of Baroda, Baroda.
- **Snook, S. H. and Irvine, C. M. (1969)**: "Physiological studies on physiological fatigue" <u>Human factors</u> 11(3): 291 300.
- Spitzers, H. (1952): "Physiologische Grundlagarn für den erhdungszchalag veishwerarbeit In: Verghese, M. A.; Bhatnagar, A. and Saha, N. P. 1996. "Ergonomics Research on Women in India", Mumbai. Ergonomic Laboratory SNDT Mumbai. p. 4 8.
- Srivastava, J. C. (1985): "Harvesting technology for improving the quality of life of rural women" In: Borah, R. (1991) Technology, Women's Task Performance and Quality of life of rural household in Assam. Ph.D. Thesis, The M.S. U., Baroda.
- Srivastava, P.K.; Shukla, B.D. and Srivastava, N.S.I. (1995): "Appropriate agri based technologies for rural women" <u>Central Institute of agricultural Engineering</u>, Nabi bagh Bhopal p. 77.
- Staker, L. M.; Stevenson, M.G. and Towmey, L. T. (1997): "A comparison of single and combination manual handling tasks risk assessment: Body discomfort, RPE and heart rate" Ergonomics 40(6):656-669.
- Staker, L, M. (1999): "Body discomfort assessment tools", The Occupational Ergonomics Hand Book (ed) Walderman, K.; William, S.; Marras, Bocaration, London. p. 1239-1252.
- Steidl, R. E. and Bratton, K. C. (1968): "Work in the home", NY: John Wiley and Sons p. 119.
- Sudhir, R. (1992): "Women's triple burden and health" Health action 5(4):18-20.
- Sumal, P.K. (1993): "The Status of Women in Central Himalaya: A cultural interpretation" Man in India 73(1) 87-95.
- Sumangala, P.R. (1995): "Development of Standards based on anthropometric measurements and their implication in the designing of kitchen and storage" Ph.D. Thesis. Faculty of H.Sc., M.S. University of Baroda, Baroda.
- Taxation Inquiry Committee (1991): "Government of India Publication" New Delhi, Jain Book Depot.

- Tewari, P.S.; Gite, L.P.; Dubey, A. K. and Kot, L.S. (2002): "Agricultural injuries in central India: Nature, magnitude and economic impact. <u>J. of Agricultural Safety and Health</u> 8(1): 95-111.
- Tewari, V. K.; Dutta, P. K. and Murthy, A.S. R. (1991): "Evaluation of three manually operated weeding devices" <u>Applied Ergonomics</u>. 22(2): 111-116.
- Thurston, L. L. and Chave, E. J. (1929): "The measurement of attitude" Chicago University, Chicago Press.
- Tripathi, Y.C. and Tripathi, G. May June (2000): "Role of bio-pesticides in environmental safety" Science and Culture. p. 20-26.
- Yadav, B. G. and Gite L. P. (1987): "Health hazards of agricultural machinery operators": Paper for the Asian Conference on Occupational Health held at Singapore, Sept. 5 10.
- Vanackere, M. (1988): "Conditions of agricultural day labourers in Mexico" International labour review. 127(1): 91-110.
- Varghese, M.A. et al (1994): "Development of a data base for occupational workload and physical fitness" <u>Status of Indian women</u>, SNDT, Bombay University. p. 29.
- Varghese, M.A.; Chatterjee, L.; Atreya, N. and Bhatnagar, A. (1989): "Ergonomic evaluation of household activities" <u>UGC Project Report</u> Dept. of FRM, S.N.D.T., Bombay.
- Vatsa, D. K. (1996): "Development of farm tools and implements to reduce drudgery of women in hill, agriculture" <u>Progress report of ICAR Ad-hoc Research Scheme</u> Himachal Pradesh Agricultural University, Palampur.
- Verma K. (1978): "Role of women in farm work" Women in agriculture 7(3):20 24
- Vimal, I. (1992): "Occupational hazards in agriculture" <u>Health action</u> 4(4): 10-11.
- Vishwanathan, P. N.; Jeffery, F. N. (1990): "Occupational and Environmental risk with specific reference to women" <u>Asian workshop on technological change and women towards  $21^{st}$  Century, New Delhi p. 1-16.</u>
- Watts, M. and Macforlane, R. (1997): "Reducing reliance on pesticides" A Review of pesticides reduction initiatives Penang, Malaysia pan Asia and Pacific pp. 40 45

Wilson, J.R. (1984): "Standards for product safety design: A framework for their production" Applied Ergonomics 15 (3): 203 - 210

Winter, M.; Sharon, D. and Morris, E. (1985): "Technology and household task performance in Morocelli, Handears" In Sharon, Nickols (ed.). Thinking globally acting locally. The Balance Act Philadelphia. <u>Proceeding of a workshop sponsored by the family economics / Home Management section of the American Home economics Association temple university p. 75 - 85.</u>

Xiang, H.; Stallones, L. and Keefe, T.J. (1999): "Back pain and agriculture work among farmers: An analysis of the Colorado farm family health and hazard surveillance survey" <u>American J. of Indian Medicine</u>. 55(3):310-316

Andrew (1963) cited in 'Shalini (2000) 'Ergonomic evaluation of workload to determine work rest allowance in critical activities for the physical fitness of women farmers of Hill region of Nainital district' Master thesis Dept. of FRM, College of H.Sc. G.B. Pant University of Agriculture and Technology, Uttranchal

Central Institute of agricultural engineering (2000) . "A report on training of scientists of AICRP on Home Science on women friendly farm technologies for drudgery reduction"

Corney, J. (1980): "Anthropometry for designers" London: Anchor press Ltd.

Dey, R.A. (1981): "Decision making pattern in rural families with respect to selected dairy husbandry in chakha block of Allahabad, U.P." Thesis abstract 7 (1) 31

Ghugare, B.D; Adhaou, S.H; Gite, L.P. Pandaya, A.C. and Patel, S.L. (1991) "Ergonomic evaluation of a lever operated knapsack sprayer". <u>Applied Ergonomics</u> (22): 241-250.

Indian Council of Agriculture Research (2002): Report New Delhi.

Roozbazar, A; Basker, G.W. and Richerson, M.E. (1979): "A theoretical model to estimate some ergonomic parameters from age, height and weight" Ergonomics 22: 43-58.

Sandhu, M.K. (1976): "A study of the utilization of the time spend in performing household activities by homemakers in rural areas" M.Sc. thesis PAU, Homescience research abstract.

Settimi et. al. (1999) cited in Shalini (2000) "Ergonomic evaluation of workload to determine work rest allowance in critical activities for the physical fitness of women farmers of Hill region of Nainital district" Master thesis. Dept. of FRM, College of HSc. GB Pant University of Agriculture and Technology, Uttranchal

Sharma, S. and Singh, T.R. (1984) "Rural women's level of knowledge and persuation for the acceptance of solar cooker device" <u>Indian J. of Ext.</u> <u>Education</u> 20 (1 & 2) 47-50

Sharma, A.K. (2001) "A handbook of organic agriculture" Jodhpur, India, (Agrobios)

Sinha, B.P. and Verma, S.K. (1988): "Women in agriculture victim of drudgery" paper presented in: <u>International Conference on appropriate agriculture technologies for farm women, future research strategy and linkage with development system</u> Nov. 30 – Dec 6 organised by ICAR New Delhi

Singh, R.V. (2001): "Untapped potential, down to earth" 10. 34-41.

Stoudt (1981): cited in Sumangala, P.R. (1995) · "Development of Standards based on anthropometric measurements and their implication in the designing of kitchen and storage" <u>Ph.D. Thesis</u>. Faculty of H Sc, M S. University of Baroda, Baroda.

Varghese, M.A; Saha, P.N. and Atreya, N. (1994): "A rapid appraisal of occupational workload from a modified scale of perceived exertion" Ergonomics 37 (3) 485-491.

Verma, H (1972) "Study of the existing housing-conditions as related to the activity pattern of the rural household" M.Sc. thesis Ludhiana: PAU India.

Verma (1984) cited in: Singhal, Savita (1989): "Women's work pattern and economic contribution to family resources development in rural household of Haryana" Ph.D. Thesis, Faculty of Home Science, M.S. University of Baroda, Baroda