



United Nations
Educational, Scientific and
Cultural Organization



The Crafts Council of India

UNESCO/CCI/SYMP/INF/2

16 November 2006

Original: English

Available in English / French / Spanish

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INTERNATIONAL SYMPOSIUM / WORKSHOP ON NATURAL DYES (Hyderabad, India – 5-12 November 2006)

Programme

SUNDAY 5 NOVEMBER 2006

05.00-06.30 pm	Inauguration of the International Symposium/Workshop at the Shilpakala Vedika Conference Centre
06.45-07.45 pm	<i>Rang</i> – Kuchipudi Dance Show
08.00 pm	Dinner at Rock Heights

MONDAY 6 NOVEMBER 2006

1st session (09.00-10.45 am)

Title: “Natural dyes today: Declines and Revivals”

This is an introductory session aiming at presenting the situation of natural dyes in the hosting country and other regions of the world; acknowledgment of previous organization of generalist international congresses on Natural Dyes; reflections on the reasons for renewed interest in natural dyes worldwide.

Chairperson: Sri Ashok Chatterjee (India)

- Dr (Ms) Dominique Cardon (France), “Natural dyes today: why ?”
- Prof. (Ms) Ji-Hee Kim (Rep. of Korea), “Worldwide network system of natural dyes; 2001 international symposium for natural dyes in Korea”
- Dr (Ms) Karen Diadick Casselman (Canada), “Colour Congress 2002: how and why it happened”
- Ms Padmini Balaram (India), “Dyed Tribal Textiles of Bastar”
- Ms María Eugenia Davila and Mr Eduardo Portillo (Venezuela), “Reflections on the actual use of natural dyes”
- Ms Delphine Talbot (France), “Coloured identity and trends: a natural revival”

2nd session (11.00 am-01.00 pm)

Title: “Natural dyes today: a global heritage”

This session aims at illustrating the extraordinary cultural wealth of natural dyes and traditional dyeing techniques in all parts of the world.

Chairperson: Dr (Ms) Jenny Balfour-Paul (United Kingdom)

- Ms Ruby Ghuznavi (Bangladesh), “Neel: Magical Blue of Bengal”
- Prof. Zvi Koren (Israel), “Purple of the Levant”
- Ms Zarina Kendjaeva (Uzbekistan), “Natural Dyes from Uzbekistan”
- Ms Fadila Bird (United Kingdom), “Dyes used in the M’zab region”
- Ms Ranui Ngarimu (New Zealand), “Naturally Maori – Fibres and dyes of Maori”
- Mr Axel Becker (Norway), “Indigo printing tradition of Norway”, film

AFTERNOON

Dye workshops

EVENING

“Indigo Memory” Show (by Nasser Soumi) at Shilparamam

TUESDAY 7 NOVEMBER 2006

3rd session (09.00-10.45 am)

Title: “A global heritage with a social impact : gender and rural development issues”

This session will consider the social implications of current development programmes for the survival of the use of natural dyes and traditional dyeing techniques, or for reviving lost know-how and introducing improved technology.

Chairperson: Dr (Ms) Pauline Duponchel (France)

- Mr Kandiora Coulibaly (Mali), “Traditional dyeing with mud in Mali : the bogolan”
- Ms Carmen Bolanos (El Salvador), “Indigo, an empowering dye”
- Ms Adriana Buitrago Pardo (Colombia), “The colours of my *paramo*”
- Dr (Ms) Riikka Raisanen (Finland), “Natural dyeing in teaching – a problem based learning project which integrates science classes with arts, crafts and design”
- Ms Rashmi Bharti (India), “Use of natural dyes in creating sustainable livelihood options in the Central Himalayas” (Avani)
- Mr Nicolas Perez-Brito (Dominican Republic), “Logwood: survival for a people” (represented by Ms Cheryl Kolander, USA)
- Mr Edric Ong (Malaysia), “Warpath of the women – NGAR mordanting ritual of the Iban weavers of Sarawak, Malaysian Borneo”
- Ms Liz Williamson (Australia), “Contemporary natural dyeing in Australia”
- Ms Amy Frey (USA), “Revival of natural dyes in Central Tibet”

4th session (11.00 am-01.00 pm)

Title: “Sustainability and eco-friendliness of natural dyes”

This session comes as a complement to the former one, to consider the environmental impact of an increased use of natural dyes in a prospect of sustainable development. It will raise the questions of availability and production of natural dyestuffs, of the eco-friendliness of ingredients, dyeing techniques and effluents.

Chairperson: Mr David Redpath (United Kingdom)

- Ms Grace Guirola de Seassal (El Salvador), “Eco-friendliness through the production of indigo en El Salvador and promoting its sustainability through agrotourism”
- Dr (Ms) Pajaera Patanthabutr and Dr (Ms) Supanee Chayabutra (Thailand), “Thailand approach towards sustainable development in natural dyeing”
- Ms India Flint (Australia), “Alternative (and safe) mordants for plant-based dyes”
- Ms Shalini Sahoo (India), “Ethical dyeing and the tribes of Northeast India”
- Ms Luc Elina Herinivonirina (Madagascar), “Vegetable dyes in Madagascar: preservation of biodiversity to promote artisanal tradition”

AFTERNOON **Dye workshops**

EVENING Fashion Show by Asean Pacific Region WCC at Chowmahalla Palace -
Followed by a Chowki Dinner

WEDNESDAY 8 NOVEMBER 2006

5th session (09.00-10.45 am)

Title: "Scientific and technical advances"

This session will present recent research into new sources of natural dyes or into new or improved techniques allowing larger scale applications of these colorants in textile arts, crafts and industries.

Chairperson: Dr Harald Böhmer (Germany)

- Prof. Philip John (United Kingdom), "Natural indigo: scientific basis of extraction and purity"
- Dr (Ms) Padma Vankar and Ms Rakhi Shanker (India), "Use of enzymes in natural dyeing"
- Dr K. Perumal (India), "Microbial pigments for textile dyeing"
- Dr (Ms) Lamyra Hasan Jowhar Hayat (Kuwait), "Extraction of red color water insoluble shikonin dyes from *Arnebia decumbens* (Boraginaceae)"
- Dr (Ms) Sharada Devi (India), "Fastness from plants for natural dyes"
- Dr (Ms) Sarvenaz Ghanean (Iran), "Color gamut of natural dyes used for Persian woollen carpets"
- Dr (Ms) Katarzyna Schmidt-Przewozna (Poland), "New ideas and technologies of natural dyeing applied in bast fibres"
- Ms Karen Urbanek (USA), "Natural colorants/new fibres: corn, bamboo, soy and milk proteins"

6th session (11.00 am-01.00 pm)

Title: "From the past to the future of natural dyes: the contribution of archaeological and anthropological research"

Social sciences - anthropology, history and archaeology – have considerably contributed to our knowledge of dyestuffs and dyeing techniques in many civilisations, past and present. A multidisciplinary approach, including dye-analyses of historic and traditional textiles, provides orientations for further research into the chemistry of the dye plants selected by each civilisation in its own natural environment.

Chairperson: Ms Joan Fisher (United Kingdom)

- Ms Mabel Ladaga (Argentina) and Ms Verónica Selame (Chile), "Joint case studies on natural dyes from Argentina and Chile"
- Dr (Ms) Beatriz Devia Castillo (Colombia), "*Arrabidaea chica* in the tropical and Andean regions of the Americas from pre-Columbian times until the present"
- Ms Ana Roquero Caparros (Spain), "Pre-Columbian and colonial traces in nowadays dye practice in Mexico"
- Dr (Ms) Rosella Cilano (Italy), "Traditional Italian dyes. Spontaneous or cultivated plants used on popular textiles of various Italian regions"
- Dr (Ms) Bettina Zorn (Germany), "Traditional natural dyeing techniques in ancient China
Dr Jui-tsung Lee (China), "Myth of indigo – a vanished ethno plant industry of Taiwan"

AFTERNOON **Dye workshops**

EVENING "Indigo Memory" Show (by Nasser Soumi)
"Sound and Light" Show (at Fort Golconda)

THURSDAY 9 NOVEMBER 2006**7th session** (09.00-10.45 am)**Title: "Economic development and marketing of natural dyes - case studies"**

This session should provide ample ground for a discussion on the various conditions for the development of a future economy based on the renewed production and uses of natural dyes.

Chairperson: Ms Charlotte Kwon (Canada)

- Dr (Ms) Serife Atlıhan (Turkey) and Dr Harald Böhmer (Germany), "Dobag – a natural dye project from Turkey (since 1981)"
- Mr Eber Lopes Ferreira (Brazil), "Dyes production in Brazil"
- Dr Kazuki Yamazaki (Japan), "Traditional dyeing techniques in Japan"
- Ms Michele Wipplinger (USA), "20 years of development of natural dyes in the USA"
- Dr Stefano Panconesi (Italy), "Natural dyeing: trends in textiles, Italy and Europe"
- Ms Noorjehan Bilgrami (Pakistan), "From the seeds of Sindh to the shores of Japan - the story of the indigo dye"

8th session (11.00 am-01.00 pm)**Title: "Synergies for the development of natural dyes : the role of governments, NGOs, producers, consumers"**

This session will deal with the range of actions to be taken to promote and at the same time protect natural dyes, this emerging sector of the textile crafts and industries in 21st century economy: an economy that will have to be based on the rational management of renewable natural resources.

Chairperson: Mr Edric Ong (Malaysia)

- Ms Annapurna Mamidipudi of Dastkar Andhra (India), "Locating the practice of Natural Dyes in new institutional frameworks: Producers *vis a vis* State and Market"
- Ms Anne de la Sayette (France), "*Couleurs de Plantes*: a company and a network for dyes and vegetable pigments in France "
- Ms Hisako Sumi (Japan), NGO Earth Network – "Protecting natural dye-plants and the traditional dyeing-technique in Japan: promotion of natural dyes as a sustainable resource through expert-networks"
- Ms Claudine Randriambololona (Madagascar), "Vegetable dyes in Madagascar", and presentation of a document by Ms Jacqueline Razaiarimanana (Madagascar) and Ms Andrée Éthève (France).
- Ms Cheryl Kolander (USA), "Standards and certification"

AFTERNOON**Dye workshops****EVENING**

"Indigo Memory" Show (by Nasser Soumi)
Dinner at Taramati Baradari

FRIDAY 10 NOVEMBER 2006**MORNING**

Film presentation

AFTERNOON

Adoption of final report and recommendations - Closing ceremony

SATURDAY 11 NOVEMBER 2006

Visit to indigo workshop at Pochampalli – Ikat weaving centre

DYEING DEMONSTRATIONS

Dyeing demonstrations have been grouped by themes corresponding to the different technical branches of dyeing according to:

- groups of colorants and colours;
- fibres or other substrates to be dyed;
- different techniques of textile decoration with natural dyes and innovations in this field.

The demonstrations corresponding to the different themes took place simultaneously during the afternoons of the Symposium in distinct but close-by workshops situated within Shilparamam Crafts Village (www.shilparamam.org).

Programme by themes

THEME I – INDIGOID DYES: INDIGO AROUND THE WORLD – SHELLFISH PURPLE

Remarks:

- Indigo dyeing in bacterial fermentation vats requiring some time for fermentation and reduction of indigo, such dye demonstrations will last for the whole duration of the symposium.
- Indigo dyeing sessions will daily inspire and be incorporated into the artistic creation “Memory of Indigo” by Nasser Soumi.

Indigo

- **Ms Karen Urbanek** (USA) “Indigo: quick and reliable”
- **Mr Axel Frederick Becker** (Norway) “Resist print by printing-blocks and dyeing with indigo”
- **Ms Grace Guirola de Seassal** (El Salvador) “Dyeing with indigo guatemalensis”
- **Ms Pascacia Cecilia Jaimes Lino** (Mexico) “Indigo dyeing in Hueyapan (Puebla, Mexico)”
- **Mr S. Nagueshwar Rao** (India) “Kalamkari printing with indigo”

Purple

- **Ms Takako Terada** (Japan) “Shellfish purple: vat dyeing method with Rapana venosa”

THEME II – RED INSECT DYES

Two dyers working with insect dyestuffs from America (cochineal) and from Asia (lacdye) will demonstrate simultaneously their dyeing techniques.

Cochineal and lac dyeing techniques

- **Mr Fausto Contreras Lazo** (Mexico) “Dyeing of wool threads with cochineal”
- **Mr Vankar Shamji Vishram Valji** (India) “Lakh color dyeing”

THEME III – BLACKS AND BROWNS

Parallel techniques for dyeing with tannin plants using iron mordants or iron-rich mud are found in different parts of the world. Sources of richly varied brown and black dyes will also be demonstrated.

Team 1: Dyeing with mud

- **Mrs Néné Thiam** (Mali) “The art of Basilan and bogolan”
- **Mr Ragunath Prasad Nana** (Rajasthan, India) “Mud resist-printing”

Team 2: Tannin dyes and iron mordants

- **Mr Luis Rodríguez** (Mexico) “Rebozo de olor”
- **Mr Kandioura Coulibaly** (Mali) “The art of Basilan and Bogolan”

Team 3: Colours of the forest and bush

- **Ms India Flint** (Australia) "Introduction to Eucalyptus dyes"

Team 4: Dye with tinctorial woods

- **Ms Cheryl Kolander** (USA) "Mysteries of Logwood"
- **Mr Francisco Montero Gutierrez and Mr Pedro Javier Diaz Huerta** (Mexico) "Easy steps to dye with yellow fustic extract"
- **Mr Mohammed Saleem**, from Dastkar Andhra-NIRD (India) "Dyeing with wood extract"

THEME IV – NATURAL DYES IN TEXTILE DECORATION TECHNIQUES: TRADITION AND INNOVATION**Team 1**

- **Ms Kamaldeep Kaur** (India) "Innovative use of natural dyes in resist dyeing techniques"
- **Ms Di McPherson** (Australia) "Pattern making using Eucalyptus dyes with organic materials and other objects"
- **Mr Perumal Ravichandran and Ms V. Manimekalai** (India) "Dyeing of sedge culms on mat fibres"

Team 2

- **Mr Niranjan Jonnalagadda** (Andhra Pradesh, India) "Kalamkari Kalahasti: hand painting and dyeing"
- **Mr Badshah Mia** (Rajasthan, India) "Leheria – tie-dyed fabric"

Team 3

- **Mr Ismailbhai Khatri** (Kutch, India) "Ajrakh printing"
- **Mr Yadgiri Puttapaka** (India) "Telia rumal – oiled yarn tie-dyeing"

THEME V – NATURAL DYES ON UNUSUAL OR PRECIOUS FIBRES**Team 1: Plant fibres**

- **Ms Ranui Ngarimu** (New Zealand) "Raurekau Kitemuka"
- **Ms Visalakshi Ramaswamy**, MRR Foundation (Tamil Nadu, India) "Dyeing of palm leaf, sisal, korai grass, bamboo, jute"

Team 2: Silks

- **Mr Jocelyn Aimé Rakotomalala** (Madagascar) "Neyobal dyeing on raw silk and bombyx silk yarns in Madagascar"
- **Mr Fattillo Kendjaev and Ms Zarina Kendjaeva** (Uzbekistan) "Most popular colours : natural dyes of Bukhara Suzanies"
- **Ms Victoria Vijaya Kumar** (India) "Efficient and economic dyeing processes on silk"

Team 3: Leathers, feathers, hairs, wood

- **Ms Rocío Ramirez de Landoll** (Mexico) "Natural dyes on feathers and rabbit hair"
- **Mr Nageswara Rao** (India) "Painted wooden figures"
- **Mr Busani Narsingam** (India) "Painting on wood"
- **Mr Prasad Babu, C.V. Raju** (India) "Lacquered lathe-turned wood in Etikoppaka, AP"

POSTER PRESENTATIONS

1. Dr Ali Saleh Alnajadah (Kuwait) – “Natural dyes and mordants used in ALSADU weavings”
2. Assoc. Elda Maria Salice (Italie) – “Teintures naturelles en Italie”
3. Ms Paola Barzano "Natural colors from the handicraft to the industry".
4. Ms Barbara Bigler (Switzerland) – “Rubia Munjista versus Rubia Tinctoria – a comparative dye sampler”
5. Ms Pamela Borchardt and Ms Glenys Clissold (Australia) – “Plant Craft Cottage”
6. Ms Nathalie Boucherie (France) – “The ancestral art of dyeing in Peru, the examples of Paracas and Nasca cultures – Evolution of techniques, from pre-Columbian cultures to nowadays”
7. Ms Isabel Brouillet (France) – “La teinture à l'indigo chez les cordonnères du plateau dogon (Mali) : savoir-faire et identité”
8. Dr (Ms) Dominique Cardon (France) - “Presentation of the European Association “Natural Colorants Federation » and proposition of a Charter for natural dyes“
9. Ms Anita Dyer and Ms Patricia Martin (USA) – “A comparative study of mordanting and dyeing process for madder on silk”
10. Dr (Ms) Nevin Enez (Turkey) – “Finding out the ages and place of origins of textiles by means of dyestuff analysis”
11. Ms Marie-Catherine Ganfina (Congo) – “Les teintures naturelles de mon pays“
12. Dr Anna Hartl and Dr Regina Hofmann-de Keijzer (Austria) – “Imitating historical dyeing methods from the Hallstatt period - dyeing experiments with Weld, Indigo and Oak bark”
13. Ms Kathy Hattori (USA) – “Colors in Malian Mudcloth”
14. Ms Teresé Jurkuvienė (Lithuania) – “Traditional natural dyeing in Lithuania“
15. Dr Recep Karadag (Turkey) - “Dyestuffs analyses of Ararat kermes, Mediterranean kermes and Cochineal with HPLC”
16. Ms Di McPherson (Australia) – “A palette of Australian natural dyes – their use in creating patterns with organic materials and metal objects“
17. Mr Francisco Montero Guttierrez (Mexico) – “Extractos tintoreos”
18. Ms Sonja K. Nicholson and Pr. Philip John (UK) – “Bacterial Indigo Reduction”
19. Dr Ava Phukan (India) – “Dyeing of silk yarn with Singhapuspi”
20. Ms Vivien Prideaux (UK) - “Textile design“
21. Dr P. Ravichandran and Dr V. Manimekalai (India) - “Binding efficacy of natural dyes with sedge culms used for weaving superfine/silkmats of Pathamadaï“
22. Ms Auria Joy Rees (Australia) - “Indigofera Australis – its seasonal variability“
23. Ms Emma Ronald and Mr David Dunning (United Kingdom) – “Speaking in colour and pattern – the block printed ghaggras of Balotra, Rajasthan” – “Indigo blue: German vs. India” – “Indian madder: Majeeta”
24. Dr (Ms) Yoshiko and Dr (Mr) Ken Sasaki (Japan) – “Chemical approach for determination of natural dyes in Japanese historical textiles”
25. Ms Anne de la Sayette and Dr Patrick Brenac (France) – “Couleurs de plantes, natural colors and industrial challenge in France”
26. Dr (Ms) Katarzyna Schmidt-Przewozna (Poland) - “The natural dyestuffs used in Polish traditions”
27. Ms Anjali Sood and Ms Asha Bansal (India) – “Opportunities for livelihood generation and women empowerment through natural dyes” – “Prospects of value addition of Himachali shawls using natural dyes”
28. Ms Holly Story (Australia) – “Belongings: plant dyes and the sense of place, an artist’s perspective”
29. Dr Biret Tavman (Turkey) – “Natural dyes used in traditional Turkish knitted stockings”

30. Dr (Ms) Takako Terada and Mr Hideo Kojima (Japan) – “Shellfish purple: field trip to El Salvador”
31. Ms Bonnie Tchien Hy (France) – “Hei jao chou (soie gommée)”
32. Prof. Satoshi Ushida and Dr (Ms) Yuki Kohama (Japan) – “Dyeing of Indirubin obtained from Acidic conditions”
33. Ms Taniya Vaidya (India) – “Contemporary paintings with natural dyes in India: opportunities and issues”
34. Ms Andreyva von Waldenfels-Marks (Germany) – “Mushrooms for colour”

ABOUT THE “MEMORY OF INDIGO” SHOW

“Memory of Indigo” is a contemporary art event created by the artist Nasser Soumi. It took place during the International Symposium and Workshop on Natural Dyes at Shilparamam Garden in Hyderabad.

Artists and craftsmen participated in this event. A wooden disk of 20 meters in diameter, extended by a staircase rising to a total height of 9 meters served as the stage for the performances.

Master dyers from countries where natural indigo is still used such as India, Mexico, Japan and Nigeria as well as two textile printers from India and Norway and an Indian weaver worked near the structure sharing their experience and know-how.

Musicians and dancers observed the artisans at work and improvised dances to music and song inspired by the dyeing, printing and weaving processes.

The artist Nasser Soumi, jointly with the choreographer Luigia Riva, wove the activities of the different participants into a harmonious whole. Each evening culminated in a performance inspired by the activities of the day.

The public observed the work as it evolved throughout the duration of the project. The rehearsals were an essential component of the event.

EVENTS DURING THE SYMPOSIUM-WORKSHOP

- Bazaar – A week-long sale-exhibition by weavers, crafts persons, NGOs and commercial enterprises
- Exhibition – Featuring old natural dyes textiles from different parts of the world

THE VENUES

The morning sessions, poster and textile displays and lunches took place at:

SHILPAKALA VEDIKA
Alif Resources Recreations (India) Pvt. Ltd.
Shilparamam, Madhapur (Hyderabad 500081)
Tel. 91.40-23.11.27.04 - Fax 91.40-23.11.27.09
Website: www.shilpakalavedika.com

The afternoon workshop sessions, bazaar and show took place at:

SHILPARAMAM CRAFTS VILLAGE
Madhapur (Hyderabad 500063)

These two venues are adjacent to each other.