



STRUCTURAL ENGINEERS WORLD CONGRESS SEWC - INDIA



INTERNATIONAL COLLOQUIUM

ON

ARCHITECTURE-STRUCTURE INTERACTION FOR SUSTAINABLE BUILT ENVIRONMENT

SPECIAL FOCUS

WHY CONCRETE

13th, 14th & 15th July 2017

Venue: **NIMHANS Convention Center,**
Hosur Road, Lakkasandra, Wilson Garden, Bengaluru-560029, India

The Founding organizations of SEWC Inc.



American Concrete Institute (ACI)



International Association of Shell and Spatial Structures (IASS)



Japan Structural Consultants Association (JSCA)



National Council of Structural Engineers Associations (NCSEA)



Structural Engineering Institute of ASCE (SEI-ASCE)



Structural Engineers Association of California (SEAOC)

SEWC Groups

SEWC INDIA

SEWC ITALY

SEWC CHINA

SEWC SINGAPORE

SEWC MEXICO

SEWC JAPAN

SEWC TURKEY

SEWC SOUTH KOREA

SEWC POLAND

About the Colloquium

Concrete holds immense potential for the overall development of the construction industry. The concrete plays a very important role in all branches of civil engineering and is considered as a binder of sorts for material development. But, Concrete production contributes 5 per cent of annual anthropogenic global CO₂ production. To address this issue there have been notable innovations globally. The recent development of new concrete additives could produce a stronger, more workable material whilst reducing the harmful emissions. In recent times, there is a movement towards sustainable concrete.

This interaction addresses this important issue through dialogue exchange and interaction.



President's Message



R Sundaram

President - SEWC Inc. Worldwide
President - SEWC India.

As the President of Structural Engineers World Congress World wide [SEWC] and on behalf of the Organizing Committee of this prestigious Colloquium, it gives me great pleasure in welcoming you to the Structural Engineers World Congress -2017 being organized by SEWC India in Bengaluru, during July 13-15, 2017. As usual this Colloquium will be of great interest as it will feature highly respected internationally renowned speakers who will share, discuss and debate the present and new developments and advancements that will impact the fields of civil, structural engineering and related fields. SEWC gives an excellent platform for structural engineering professionals to interact with each other and to learn more about what is happening in the World of Structural Engineering now and the trends for the future.

One of the objectives of SEWC is to bring all the Structural Designers and Architects on a common platform at regular intervals

Local Groups like SEWC India, SEWC China, SEWC Italy, SEWC Mexico, SEWC Turkey, SEWC Singapore and SEWC South Korea conduct such Colloquiums regularly to meet the above need. Few other Groups like SEWC Poland, are to be formed shortly.

I would also like to inform you that SEWC India is conducting an exclusive One day Workshop by the World renowned consultant from USA Dr. S.K. Ghosh on 12th July 2017 on the subject "Earthquake Resistant Structures". The Workshop will be for a limited number of participants.

I am sure the Colloquium will be of professional and personal benefit to all of us and I am confident all participants, students, experts and professionals will immensely benefit from this Colloquium.

Past SEWC-Worldwide Congresses

July 1998

First Congress

San Francisco, USA

Chair: Roland L. Sharpe

July 2002

Second Congress

Yokohama, Japan

Chair: Katsumi Yano

November 2007

Third Congress

Bengaluru, India

Chair: R. Sundaram

April 2011

Fourth Congress

Como, Italy

Chair: Gian Carlo Giulina

October 2015

Fifth Congress - Singapore

Chair: Er. LimPengHong

Co-Chair: Er. Abhishek Murthy

About Structural Engineers World Congress

The Structural Engineers World Congress [SEWC] is dedicated to the Art, Science & Practice of Structural Engineering. SEWC Inc. [Worldwide]. SEWC, Inc. was chartered and incorporated in 1994 as a continuing organization to facilitate the planning and organizing of a Structural Engineering World Congress at regular intervals in different parts of the world. SEWC Inc. is an entirely independent organization with its own Board of Directors.

SEWC aims to cover major aspects pertaining to technical and professional practice. The Congress focuses on the needs and the contemporary issues of the structural engineering profession worldwide and highlights the profession's interface with the Society. It also re-iterates the impact of the structural engineering profession on the society reflected by the excellent public image, standing and credibility of structural engineers. SEWC presents excellent opportunities for structural engineering professionals to interact with each other and to learn more about what is happening in the world of structural engineering now and about the trends for the future.

SEWC recognizing its growth all over the world it is decided to conduct SEWC World Congress once in 2 years instead of the present 4 years. The first SEWC International Colloquium was held in 1998 in San Francisco, 2002 in Japan, 2007 in Bangalore, 2011 in Como, Italy and 2015 in Singapore [once in 4 years]. Since 2015 changed to once in 2 years and the Congress will be held in 2017 in Mexico, 2019 in Istanbul and 2021 in Shanghai. The object of SEWC is to bring all the structural engineers on a common platform at regular intervals and the local chapters like SEWC India, SEWC Italy, SEWC China, SEWC Singapore, SEWC Mexico, SEWC Japan SEWC Turkey and SEWC South Korea have formed their Groups/Chapters and conducted their national Colloquiums. Few other SEWC Groups like SEWC Poland etc. are expected to be formed shortly. Earlier SEWC India successfully conducted SEWC Colloquiums in Bangalore during 2010 and in New Delhi during 2013.

SEWC-Bengaluru 2017

The SEWC Colloquium 2017 in Bengaluru will discuss/deliberate on today's issues of global concern and aims to initiate a dialogue on the idea of creating a sustainable built environment. An outstanding galaxy of international experts in the field will deliver keynote addresses in this Colloquium.

The Colloquium presents a unique and excellent opportunity for the professionals who are participating in the Colloquium to interact with pio-

neers in their fields. It also provides a great forum to interact with fellow professionals, learn more about current practices and trends for the future.

This prestigious Colloquium will be held from 13th to 15th July 2017 in Bengaluru, a cosmopolitan city and the capital city of Karnataka State. The Venue of the Colloquium is NIMHANS Convention Centre, Bengaluru, India.

Venue

This Colloquium will be held at NIMHANS Convention Centre, which is centrally located in the city of Bengaluru. Bengaluru is a bustling metropolis with a congenial climate, sylvan surroundings and a friendly populace. Bengaluru is also known as the Garden City, the Silicon Valley of India and the IT City. Bengaluru is the capital of the State of Karnataka in South India.



KEYNOTE SPEAKERS



Prof. Mamoru Kawaguchi, Japan
Why Designers Fail to Grasp Structures?



Mr. William F Baker, USA
(Topic awaited)



Dr. Gian Carlo Giuliani, Italy
Unusual Structural Problems in High Rise R.C. Buildings



Prof. N K Srivastava, Canada
Some Observations from the Structures in Nature-4: With Special Reference to Concrete Infrastructures



Prof. Ing. Enzo Siviero, Italy
Bridging Harmony with Concrete Arched Bridges



Mr. Ron, Shaeffer, USA
Failure



Dr. Satyendra K Ghosh, USA
Earthquake-Resistant Design of Buildings and Other Structures - U.S. Practice



Prof. Dr. sc. techn Mike Schlaich, Germany
Climate Shells



Prof. Akira Wada, Japan
Seismic Retrofit Buildings Installed Concrete Walls in Tokyo Institute of Technology



Prof. Romuald Tarczewski, Poland
The Creative Clash - Synergy of Form and Structure in Concrete



Prof. Gorun Arun, Turkey
Use of Concrete in Historic Structures



Prof. Ding Jiemin, China
Research and Application of Viscous Damping Techniques in High-rise Buildings



Prof. Paolo Desideri, Roma, Italy
"Concrete" Architectures



Prof. Seung Deog Kim, South Korea
Dynamic Instability Characteristics on Shell-Like Structures



Mr. Winston Shu, Hong Kong
The Business & Human Factors in Being Green



Prof. Ken'ichi Kawaguchi, Japan
Prestressed Shell Assembled with Commercially Available Panels



Dr. Hideo Moritaka, Japan
Current Situation of Reinforced Concrete Structures in Japan

KEYNOTE SPEAKERS



Dr. Manamohan R Kalgal
India

**Pushing the Frontiers -
Innovations in Concretes**



Dr. eng. Cesare, Italy

**Recent Developments in
Formwork Technology**



Mr. Bruce S Fairbanks, Spain

**Concrete for
Sustainable Building**



Dr. Surendra P Shah, USA

**Nanotechnology, Meta
Concrete and Sustainability**



**Prof. Maria E Moreyra
Garlock**, USA

**Thin Shell Concrete
Structures of Cuba: Felix
Candela and Max Borges**



Prof. Petr Vegh, Canada

**Environmental Compatibility
of Concrete in Canadian
Construction Practices**



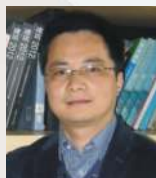
Mr. Yoshihiro Matsuda, Japan

**Collaboration between
Architects and Structural
Engineers**



Mr. Vidyashankar Hoskere
India

**Philosophical Roots for
Ideas of Sustainability**



Mr. Jimmy Jiang, China

**Development of
Assembled Buildings/PC
Structures in Shanghai**



Mr. G H Basavaraj, India

**Interactive Approach of
Material Science &
Structural System in
EcBcDc Technology**



One day workshop by
Dr. Ghosh

**"Earthquake Resistant
Structures"**

on 12th July 2017

SEWC - Worldwide Current Board Members

President:

R. Sundaram, India

Past President:

Prof. Roland L Sharpe, USA

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Vice President:

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Dr. Gian Carlo Giuliani, Italy

Prof. Sung Pil Chang, South Korea

Prof. Ding Jiemin, China

Prof. SeungDeog Kim, South Korea

Prof. Juan Gerardo Oliva Salinas, Mexico

Prof. Gorun Arun, Turkey

Er. Lim Peng Hong, Singapore

Er. Abhishek Murthy, Singapore

"SEWC SUNDARAM AWARD"

for

**Outstanding Structural
Engineers**

will be presented to

Mr. William F. Baker, USA

and

Sri. Shirish Patel, India

during the Inaugural event

SEWC - India | Governing Council



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President



Mr. M S Ramaswamy
President Elect



Mr. S C Mehrotra
Joint President - Elect



Mr. Vidyashankar
Hoskere
Vice President



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Dr. Harshanvardhan Subba Rao



Chairman of Various Committees

Chairman - Organising Committee
Technical Committee
Finance Committee
Programme Committee
Sponsorship Committee
Exhibition Committee
Logistics Committee
Communications, Publicity
Media and IT Committee
Delegate's Mobilization Committee
Publication & Proceedings Committee
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Dr. R Nagendra
Mr. P L Shashidara
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Mrs. H Usha Devi
Dr. M U Ashwath
Mr. Vidyashankar Hoskere
Dr. M S Sudarshan



Sponsorship Opportunities

Features	Principal Patron	Chief Patron	Patrons	Co-Patrons	Sponsors	Co-Sponsors	Associate Sponsors	Supporting Organizations	EXHIBITORS	
									Indoor	Outdoor
Free Delegates	25	20	10	5	3	2	1	-	-	-
Presentation time in minutes	30	20	10	-	-	-	-	-	-	-
Stall Space	Indoor	4	3	2	1	-	-	-	-	-
	Outdoor	-	-	-	-	1	1	-	-	-
Free advertisement in the Souvenir	Front Cover Fold out	Back Cover Fold out	Back Cover	Double spread	Full page colour	Full page colour	Full page colour	Full page colour	Full page colour	Full page colour
Company logo on Stage Backdrop	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-
Company logo and link in Website	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Company logo on all brochures	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-
Welcome Banner at Venue	Yes	Yes	Yes	Yes	-	-	-	-	-	-
Participating fees in INR	25,00,000	20,00,000	10,00,000	5,00,000	3,00,000	2,00,000	1,00,000	75,000	60,000	40,000

Delegate Fee

Participating Delegate Fee per seat in INR	One Day Workshop	Three day Colloquium	Combo offer
Participants - General	5,000.00	7,000.00	10,000.00
Students from AICTE recognized Institutions	2,500.00	5,000.00	6,000.00
Overseas Delegates	100 USD	150 USD	225 USD

- Note:**
- All the above rates are inclusive of all applicable taxes.
 - 10 percent discount for:
 - Members of all Supporting Organizations, without time restriction.
 - For registrations from Participants - General, on or before 30th April 2017.

Souvenir Advertisement Tariff

FULL PAGE COLOUR: ₹ 15000

Payment Details

Cheque/DD should be drawn in favour of "SEWC Society" payable at par in Bengaluru

Fee Payment can also be done by bank transfer as per details given below:

Beneficiary Name : SEWC Society
 Account Number : 64036388937
 Bank Name : State Bank of Mysore
 Branch Code : 0040195
 IFSC Code : SBMY0040195
 MICR Code : 560006038
 Branch Address : Ranga Rao Road, Shankarapuram, Bengaluru 560 004.



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INDIA CHAPTER OF ACI
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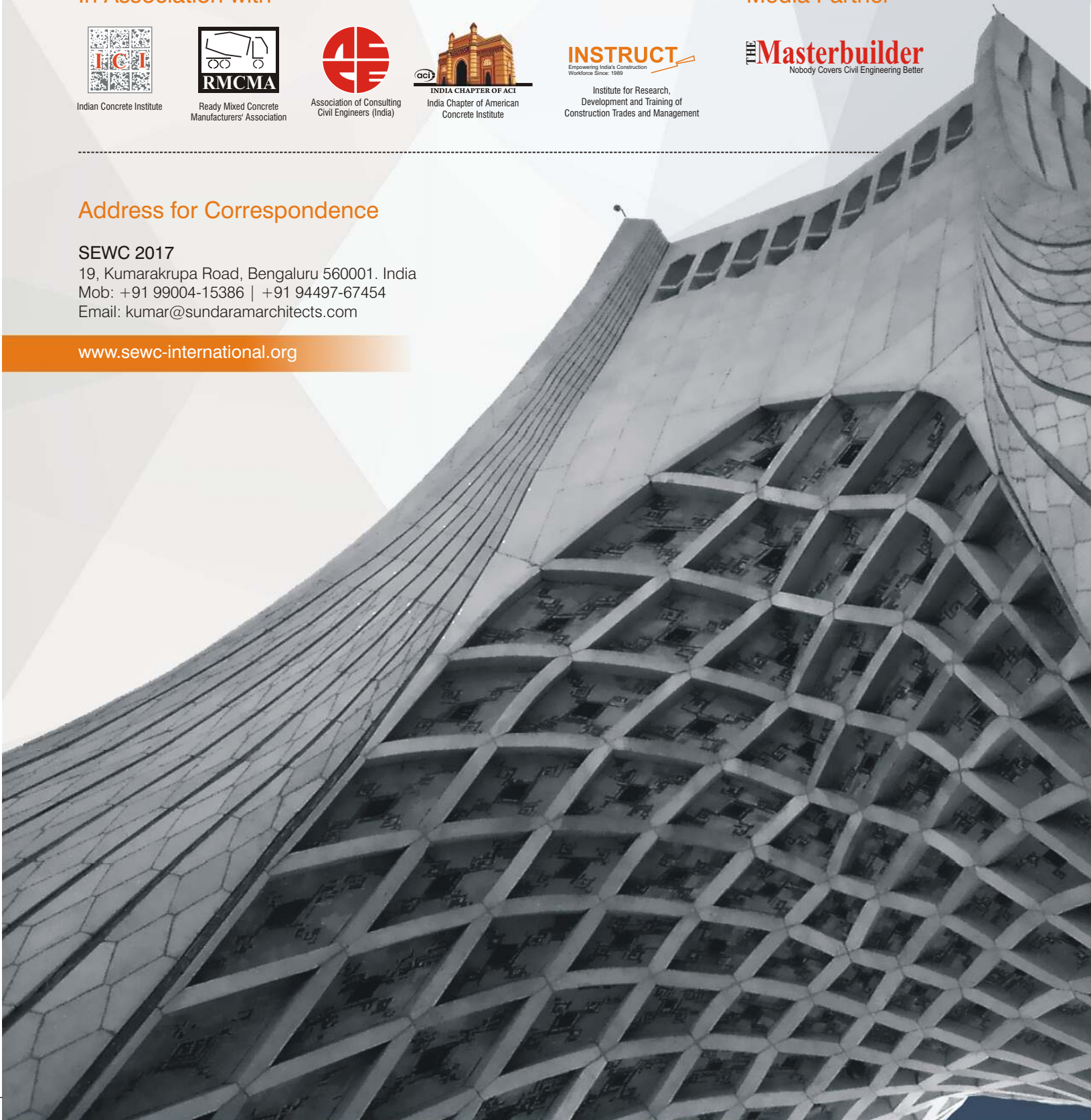


Address for Correspondence

SEWC 2017

19, Kumarakrupa Road, Bengaluru 560001, India
Mob: +91 99004-15386 | +91 94497-67454
Email: kumar@sundaramarchitects.com

www.sewc-international.org



REGISTRATION FORM - DELEGATES

International Colloquium On ARCHITECTURE STRUCTURE INTERACTION FOR SUSTAINABLE BUILT ENVIRONMENT

SPECIAL FOCUS WHY CONCRETE

ORGANISED BY



SEWC (India)

13th, 14th & 15th July 2017

Venue: NIMHANS Convention Center, Hosur Road, Lakkasandra, Wilson Garden, Bengaluru - 560 029, India

REGISTRATION FEES

Participating Delegate Fee per seat in INR	One Day Workshop	Three day Colloquium	Combo offer
Participants - General	5,000.00	7,000.00	10,000.00
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Overseas Delegates	100 USD	150 USD	225 USD

Note: 1. All the above rates are inclusive of all applicable taxes. 2. 10 percent discount for: a) Members of all Supporting Organizations, without time restriction, b) For registrations from Participants - General, on or before 30th April 2017

REGISTRATION FORM

Please register the following persons

Name:

Designation:

1 _____
2 _____
3 _____
4 _____

Cheque / DD No*: _____ Dt: _____ for ₹ _____

(Rupees: _____)

_____) is enclosed towards Delegate Fee.

Name of the Organisation: _____ Address: _____

_____ Phone: _____

Fax: _____ Mobile: _____ Email: _____

i) Cheque / DD should be drawn in favour of "SEWC Society" and sent at the following address
19, Kumarakrupa Road, Bengaluru 560001, India. Mob: +91 99004-15386 | +91 94497-67454
Email: kumar@sundaramarchitects.com

The payment can also be send by bank transfer as per details given below:

Account Number: 64036388937; Bank Name: State Bank of Mysore; Branch Code: 0040195; IFSC Code: SBMY0040195;
MICR Code: 560006038; Branch Address: Ranga Rao Road, Shankarapuram, Bengaluru 560 004.

Name, Designation and Signature
of the Authorised Person

REGISTRATION FORM - SPONSORSHIP

International Colloquium On ARCHITECTURE STRUCTURE INTERACTION FOR SUSTAINABLE BUILT ENVIRONMENT

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COMMERCIAL SPONSORSHIP FEES

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									Indoor	Outdoor
Free Delegates	25	20	10	5	3	2	1	-	-	-
Presentation time in minutes	30	20	10	-	-	-	-	-	-	-
Stall Space	Indoor	4	3	2	1	-	-	-	-	-
	Outdoor	-	-	-	-	1	1	-	-	-
Free advertisement in the Souvenir	Front Cover Fold out	Back Cover Fold out	Back Cover	Double spread	Full page colour	Full page colour	Full page colour	Full page colour	Full page colour	Full page colour
Company logo on Stage Backdrop	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-
Company logo and link in Website	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Company logo on all brochures	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-
Welcome Banner at Venue	Yes	Yes	Yes	Yes	-	-	-	-	-	-
Participating fees in INR	25,00,000	20,00,000	10,00,000	5,00,000	3,00,000	2,00,000	1,00,000	75,000	60,000	40,000

Souvenir Advertisement Tariff

FULL PAGE COLOUR:

₹ 15000

REGISTRATION FORM

Name: _____ Designation: _____

Company Name: _____ Address: _____

Telephone: _____ Fax: _____

Mobile: _____ Email: _____

Indicate sponsorship amount and the category you would like to sponsor

Sponsorship Category: _____ Amount: _____

Cheque / DD No* _____ Dt: _____ for ₹ _____

(Rupees: _____)

i) Cheque / DD should be drawn in favour of "SEWC Society" and sent at the following address
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Name, Designation and Signature
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