



Energy for Sustainable Development

(NCESD~2017)

March 23rd - 24th 2017



Organized by:

Department of Physics,
School of Mathematical and Physical Sciences
Doctor Harisingh Gour Vishwavidyalaya
(A Central University)
Sagar - 470003 M. P. India

In association with:

Solar Energy Society of India (SESI)
Energy Science Society of India (ESSI)
Unnat Bharat Abhiyan (UBA)
KAUSHAL Vikash Yojna (Skill Development Programme)



About the University:

Dr. Harisingh Gour Vishwavidyalaya, formerly University of Sagar(Saugor), is part of a suburban environment in the heart of the country. The university has been a centre of excellence in higher education for many decades. The university manifests the dream of its founder Sir Dr. Harisingh Gour to provide a congenial academic atmosphere to young brains to nurture potential for excellence. The university has produced many distinguished academicians of national and international repute. In the recent National Institutional Ranking Framework (NIRF) ranking, the university has been placed at 39th position in India and is a NAAC "A" grade university.

Conference Objective:

United Nations Development Programme (UNDP) has set 17 Goals as Sustainable Development Goals (SDGs), known as "Global Goals" in "Agenda 2030" including new areas such as climate change, economical inequality, innovations, sustainable consumption, peace and justice. The SDGs came into effect in January 2016. One of those 17 Goals, SDG 7(Affordable and Clean Energy) calls us to ensure access to affordable, reliable, sustainable and modern energy for all by 2030. Energy for Sustainable developments is effectively, the provision of energy such that it meets the needs of the present without compromising the ability of future generations to meet their own needs which has two key components renewable energy and energy efficiency. The objective of the conference is inspired by SDG 7th Calls for us. Yet 1.1 billion people have no access to electricity, while 2.9 billion have to cook with polluting, in efficient fuels such as Fire wood. And without rapid progress on SDG 7, it will impossible to deliver other SDGs by 2030. Energy is also the dominant contributor to climate change. In the line with UNDP, India has started to work on Goal 7 because there are 300 million people still live without access to formal electricity and renewable energy sources are 10 % of total energy sources. However India has set a goal to increase renewable energy sources up to 40 % till 2030. To fulfill the Indian requirement of sustainable energy, scientific and technical knowledge sharing and discussions are highly needed along with the social exposure of importance of sustainable energy. Therefore Dr. Harisingh Gour University is going to organize a "National Conference and industrial exhibition on Energy for Sustainable Development" during 2-3 March 2017. Hence conference covers the areas of renewable energy sources and technologies, energy conservations, energy storage, energy management and policies, climate change and environmental issues in Indian prospective.



Scope of Conference:

conference provides the premiere scientists, interdisciplinary forum for researchers, academicians, industrialist and corporate personnel's, research scholars, students to discuss and demonstrate the most innovations, trends, practical recent challenges encountered and the solutions adopted in the field of sustainable energy. Two parallel activities will be held in the conference as:

- •Discussions: through invited, oral and poster presentations.
- •Industrial Exhibition: in the sense of Institutional and Industrial interactions for maximum utilization of renewable energy sources, practical challenges for implementations, job opportunities in energy sectors and collaborations.

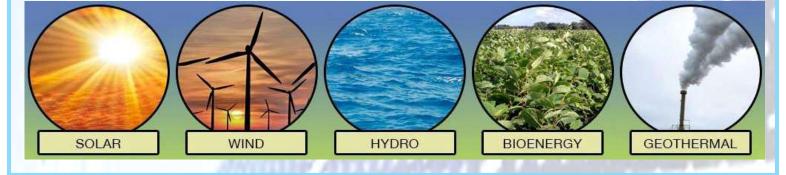






Themes-

- New and Renewable Energy Technologies
- Energy Sources:
 - Solar Energy
 - Wind and Wave Energy
 - •Hydro /Ocean/ Tidal Energy
 - •Bio fuels / Bio Energy
 - •Hydrogen Energy and Fuel Cells
 - Geothermal Energy
 - •Carbon-neutral and Negative Fuels
 - •Plasma Fusion Energy
 - Waste to Energy
- •Energy Efficiency and Conservations
- Energy Storage and Materials
- Energy Management and Policies
- •Climate Change and Global Warming
- Energy and Environment Issues
- Energy Saving Techniques
- Energy Measures and Consumptions
- Energy Needs and Crisis



Important Dates -

Call for abstract	15 December, 2016
Last date for abstract	15 February, 2017
Start of registration (Online & Offline)	01 January, 2017
Last date of registration	28 February, 2017
On-spot registration	23 March, 2017

Registration Fee:

All participants are required to register for conference. Please read the following information before completing an online registration form. Details of Registration fee for attending the Conference and stall for participating in Industrial Exhibition are given below:

Registration Fee	15 Dec. 2016 To Last Date	On spot registration during conference
Academic Delegate	Rs 1000	Rs. 1500
Research Scholar/Postdoc	Rs. 800	Rs. 1000
PG/UG Student	Rs. 300	Rs. 500
Corporate Delegate	Rs. 4000	Rs. 5000
Institute / Industry / company/ Other (For Stall in Industrial Expo.)	Rs. 15000	Rs. 20000

Method of Payment -

The registration fee can be paid through bank draft/multicity cheques or electronic transfer in favor of *Convener NCESD-2017* payable at SBI Sagar (MP).

A/C No. : 36293560108

Branch: Saugor University

IFS Code : SBIN0001143

MICR Code : 470002303

For more details please visit conference website: www.ncesd2017.org



How to reach Sagar -

A very prominent city of Bundelkhand region, Sagar is well connected by rail and road network, It is situated about 600 km from Delhi and 200 km from Katni, Jabalpur and Jhansi (U.P.). Bhopal, the capital of Madhya Pradesh, is about 208 km from Sagar by road and rail. Sagar is situated between Bina-Katni junction, 75 km from Bina and 188 km Katni junction. Bhopal, Indore (450 km) and Khajuraho (200 km) are well connected by flights.

Abstract Submission Guidelines -

Word Limit: 200 words; Font: Times New Roman (Size 12); Spacing: Double Format: Title, Authors (Underline the presenting author), Body and Key words (3-5). Submit the abstract at ncesd2017@gmail.com

Award for Oral and Poster Presentation -

A jury panel consisting of eminent scientists will adjudge 3 best oral/poster presentations among the participants. The prize will carry cash award and a citation.

Accommondation -

Limited lodging facility is available upon request.

Luxury hotels: Rs. 2500/- per day
Deluxe hotels Rs. 1500/- per day
Guest house: Rs. 1000/- per day
Hostels Rs. 250/- per day

Participants are requested to register for accommodation as earlier as possible to avoid inconvenience.



For accommodation related queries please contact:

Dr. Ashwani Kumar (+91 7697432012), Dr. Jai Singh (+91 9450014608)

Contact:

Dr. Rajneesh Kumar (Convener)
Department of Physics

Mob: 9179702674

Email: ncesd2017@gmail.com rajneeshipr@gmail.com **Web.:** www.ncesd2017.org and www.dhsgsu.ac.in

NCESD- 2017 (March 23rd- 24th 2017)











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University

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Dr. Sangita M. Kasture, Director, DBT, New Delhi



Department of Sciences Government of India & Technology









www.dhsgsu.ac.in

Energy for Sustainable Development National Conference on

(NCESD-2017)

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Registration

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www.ncesd2047.org For More Informations Visit Our Website

SONO SE ONOR

Themes

New and Renewable Energy Technologies

Energy Sources:

Solar Energy

Wind and Wave Energy

Hydro /Ocean/ Tidal Energy

Bio-fuels / Bio Energy

Hydrogen Energy and Fuel Cells

Geothermal Energy

Carbon-neutral and Negative Fuels

Plasma Fusion Energy

· Waste to Energy

Energy Efficiency and Conservations

Energy Storage and Materials

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Energy Management and Policies

Climate Change and Global Warming

Energy and Environment Issues

Energy Saving Techniques

Energy Measures and Consumptions

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Contact:

Dr. Rajneesh Kumar (convener)

Mob: 9179702674

rajneeshipr@gmail.com

Energy Science Society of India (ESSI) Solar Energy Society of India (SESI) In association with:



S. No.	Name	Affiliation
1	Shri Manu Srivastava	Principle Secretary, New and Renewable Energy Department, M.P. India
2	Prof. A. D. Sawant	Former, Vice Chancellor University of Rajasthan, India
3	Shri P.S. Parihar	Former Director, Atomic Minerals Directorate for Exploration and Research, Hyderabad,
		India
4	Prof. A. K. Gwal	Vice Chancellor AISCET, India
5	Dr. A. K. Tripathi	Advisor, Ministry of New and Renewable Energy, New Delhi, India
9	Shri John Martin Thomas	CEO, Indo-European sustainable Development, Milan, Italy
7	Shri C.B. Singh	District Renewable Energy Officer, (Sagar, Damoh and Chattarpur), India
8	Dr. M. Eswaramoorthy	Head, Department of Mechanical Engineering, ACS Collage, Bangalore, India
6	Prof. J. Parashar	Head, department of Applied Physics, SATI, Vidisha, India
10	Prof. Farid Khan	Department of Chemistry, Dr. H. S. Gour University Sagar M.P, India
11	Dr. R. K. Pai	Principle Scientific Officer, DST, New Delhi, India
12	Shri Prafulla Pathak	General Secretary, Solar Energy Society of India, New Delhi, India
13	Dr. Bipin Kumar Gupta	Scientist, NPL, New Delhi, India
14	Dr. Suraj Kumar Sinha	Secretary, Energy Science Society of India, Pondicherry Univeristy, Pondicherry, India
15	Dr. Pawan Kumar Attari	IIHS Himachal Pradesh University Summer Hill Shimla, H.P, India
16	Dr. Anand Kumar Srivastava	Department of Applied Physics, Birla Institute of Technology Jaipur Rajasthan, India
17	Dr. R. P. Prajapati	Department of Pure and Applied Physics, Bilaspur Central Univ., India
18	Shri Anant Jain	Entrepreneur, Avant Industries, Sagar, M.P. India
19	Shri Abhishek	Manglick, CEO, Ecosence, New Delhi, India
20	Dr. Saket Asthana	Department of Physics, IIT Hyderabad, India

Shri Manu Srivastava

Principle Secretary, New and Renewable Energy Department, M.P, India

Prof. A. D. Sawant

Former, Vice Chancellor University of Rajasthan, India

Shri P.S. Parihar

Former Director, Atomic Minerals Directorate for Exploration and Research, Hyderabad, India

Prof. Farid Khan

Department of Chemistry, Dr. H. S. Gour University Sagar M.P, India

Dr. Bipin Kumar Gupta

Scientist, NPL, New Delhi, India

Dr. Anand Kumar Srivastava

Department of Applied Physics, Birla Institute of Technology Jaipur Rajasthan, India

Shri Abhishek

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Vice Chancellor AISCET, India

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Advisor, Ministry of New and Renewable Energy, New Delhi, India

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CEO, Indo-European sustainable Development, Milan, Italy

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Dr. Pawan Kumar Attari

IIHS Himachal Pradesh University Summer Hill Shimla, H.P, India

Shri Anant Jain

Entrepreneur, Avant Industries, Sagar, M.P, India

List of Invited speakers:

1. Shri Manu Srivastava,

Principle Secretty, New and Renwable Energy Department, M.P.

2. Prof. A. D. Sawant

Former, Vice Chancellor University of Rajasthan

3. Shri P.S. Parihar

Former Director, Atomic Minerals Directorate for Exploration and Research, Hyderabad

4. Prof. A. K. Gwal,

Vice Chanceller AISCET

5. Dr. A. K. Tripathi,

Advisor, Ministry of New and Renewable Energy, New Delhi

6. Shri John Martin Thomas

CEO, Indo-European sustainable Development, Milan, Italy

7. Shri C.B. Singh,

District Renewable Energy Officer, (Sgar, Damoh and Chattarpur)

8. Prof. M. Eswarswami,

Head, Department of Mechanical Engineering, AES Banglore

9. Prof. J. Parashar,

Head, department of Applied Physics, SATI, Vidisha

10. Prof. F. Khan,

Department of Chemistry, Dr. HSG UNi Sagar

11. Dr. R. K. Pai

Principle Scientific Officer, DST, New Delhi

12. Shri Prafulla Pathak

General Secretary, Solar Energy Society of India, New Delhi

13. Dr. Bipin Kumar Gupta

Scientist, NPL, New Delhi

14. Dr. Suraj Kumar Sinha

Secretary, Energy Science Society of India, Pondicherry University, Pondicherry

15. Dr. Pawan Kumar Attari,

Himachal

16. Dr. Anand Kumar Shrivastava,

Department of Applied Physics, BIT Jaipur

17. Dr. R. P. Prajapati,

Department of Pure and Applied Physics, Bilaspur Central Univ.

18. Shri Anant Jain,

Enterpresure, Avant Enetrepresure, Sagar, MP

19. Shri Abhishek Manglick, CEO, Ecosence, New Delhi

Oral Presentations:

Almost 10 presentations from outside of our university

Poster Presentations:

Almost 70 presentations including our university presentors

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Organized by
Department of Physics

Dr. Harisingh Gour Vishwavidyalaya (A Central University)

Sagar ~ M.P.~470003, India

Sr. NO.	Name	Affliation	Remark
1.	Prof. A. D. Sawant	Former Vice-Chancellor, University of Rajasthan and Project Director, Trustee Waste to Energy Science and Technology India Chapter of Columbia University USA	Invited
2.	Prof. A. K. Gwal	Vice Chancellor, AISCET, Bhopal	Invited
3.	Shri John Martin Thomas	CEO, Indi-European Sustainable Development, Milan, Italy	Invited
4.	Prof. M. Eswaramoorthy	Head Department of Mechanical Engineering, AES, Banglore	Invited
5.	Shri. C. B. Singh	District Renewable Energy Officer, Sagar	Invited
6.	Shri Prabhat Kanoje	District Renewable Energy Officer, Sagar	Invited
7.	Dr. R. K. Pai	DST, New Delhi	Invited
8.	Shams Khwaja	Adjunct Professor of Law Constitutional Law Laboratory	Invited
9.	Dr. Suraj Kumar Sinha, Secretary	Energy Science Society of India, Pondicherry University, Pondicherry	Invited
10.	Shri. Anant Jain	Entrepreneur, Avant Industries, Sagar, M.P	Invited
11.	Shri P. S. Parihar	Former Director, Atomic Minerals Directorate for Exploration and Research, Hyderabad, India	Invited
12.	Dr. A. K. Tripathi	Advisor, Ministry of New and Renewable Energy	Invited
13.	Dr. Anand Kumar Shrivastava	BIT Jaipur	Invited
14.	Dr. R. P. Prajapati	Department of Pure and Applied Physics, Bilaspur Central Univ., India	Invited

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15.	Dr. Bipin Kumar Gupta	Scientist, NPL, New Delhi	Invited
16.	Prof. J. Parashar	Head, department of Applied Physics, SATI, Vidisha, M.P	Invited
17.	Prof. F. Khan	DHSG University, Sagar	Invited
18.	Shri AbhisekhManglick	CEO, Ecosence, New Delhi	Invited
19.	Dr.Suryanshu Chaudhary	AISECT Bhopal	Invited
20.	Maneesh Goutam	Deptt. Of Matematics, DHSGU, Sagar(mp)	PG
21.	Monika Agrawal	Rajsthan university	RS
22.	Divya pandey	DHSGU sagar	UG
23.	Rahul kumar sharma	Dept. of Chemistry, DHSGU, Sagar(mp)	RS
24.	Ahfaz khan	Dept. of Social Work DHSGU Sagar	RS
25.	Dr. Neelam Tiwari Pandey	Depttof physics, Govt. College, Kondagaon	F
26.	Somi Shrivastava	DHSGU sagar	PG
27.	Shivani Chaturvedi	DHSGU sagar	PG
28.	Payal Malliek	DHSGU sagar	PG
29.	Shreya Patel	DHSGU sagar	PG
30.	Jeetendra Kabeer Panthi	DHSGU sagar	UG
31.	Dinesh Kumar Kori	Deptt of com. sci, Atal bihari hindi V. V.Bhopal	PG
32.	Anurag Kumar Saraf	deptt of physics, M P Bhoj open university sagar	PG
33.	Vaishali Tamrakar	Govt. Polytechnic college sagar	F

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34.	Mona Tondan	S.o.S in Biotech Pt. Ravishankar Shukla University, Raipur (CG)	RS
35.	Veena Thakur	S.o.S in Biotech Pt. Ravishankar Shukla University, Raipur (CG)	RS
36.	Yugal Kishore Tiwari	Dept. of Physics, DHSGU, Sagar (mp)	RS
37.	Bhgawan Das Raikwar	Dept. of Physics, DHSGU, Sagar (mp)	RS
38.	Prince Jain	Dept. of Physics, DHSGU, Sagar (mp)	RS
39.	Radha Tamrakar	Dept. of Physics, DHSGU, Sagar (mp)	RS
40.	Neha Jain	Dept. of Physics, DHSGU, Sagar (mp)	RS
41.	Rajan Kumar Singh	Dept. of Physics, DHSGU, Sagar (mp)	RS
42.	Aksh Kumar Verma	Dept. of Physics, DHSGU, Sagar (mp)	RS
43.	Nidhi Jain	Dept. of Physics, DHSGU, Sagar (mp)	RS
44.	Mohamad Bin Khalid	Dept. of Physics, DHSGU, Sagar (mp)	RS
45.	Inder Kumar Singh	Dept. of Physics, DHSGU, Sagar (mp)	RS
46.	Sanjay Kumar Pathak	Dept. of Physics, DHSGU, Sagar (mp)	RS
47.	Prashant Mishra	Dept. of Physics, DHSGU, Sagar (mp)	RS
48.	Sumit Yadav	Dept. of Physics, DHSGU, Sagar (mp)	RS
49.	Niharika Chaurasiya	Dept. of Physics, DHSGU, Sagar (mp)	RS
50.	Arun Kumar Singh	Dept. of Physics, DHSGU, Sagar (mp)	RS
51.	Anubha Sodhiya	Dept. of Physics, DHSGU, Sagar (mp)	RS

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52.	Swetambra Patel	Dept. of Physics, DHSGU, Sagar (mp)	RS
53.	Pushpendra Kumar	Dept. of Physics, DHSGU, Sagar (mp)	RS
54.	Vijay Kumar Bele	Dept. of Physics, DHSGU, Sagar (mp)	RS
55.	Sunil Soni	Dept. of Physics, DHSGU, Sagar (mp)	RS
56.	Priyaka Kabir Panthi	Dept. of Physics, DHSGU, Sagar (mp)	RS
57.	Balram Fagedia	Dept. of Physics, DHSGU, Sagar (mp)	RS
58.	Maneeksha Manekar	Dept. of Physics, DHSGU, Sagar (mp)	PG
59.	Ankita Dubey	Dept. of Physics, DHSGU, Sagar (mp)	PG
60.	Chanda Ahirwar	Dept. of Physics, DHSGU, Sagar (mp)	PG
61.	Suruchi Chaurasiya	Dept. of Physics, DHSGU, Sagar (mp)	PG
62.	Shikha Tiwari	Dept. of Physics, DHSGU, Sagar (mp)	PG
63.	Jyoti Chauhan	Dept. of Physics, DHSGU, Sagar (mp)	PG
64.	Pooja Patel	Dept. of Physics, DHSGU, Sagar (mp)	PG
65.	Sheetal Patel	Dept. of Physics, DHSGU, Sagar (mp)	PG
66.	Nidhi Shahu	Dept. of Physics, DHSGU, Sagar (mp)	PG
67.	Pushpanjali Patel	Dept. of Physics, DHSGU, Sagar (mp)	PG
68.	Himanshi Shahu	Dept. of Physics, DHSGU, Sagar (mp)	PG
69.	Meenakshi Soni	Dept. of Physics, DHSGU, Sagar (mp)	PG

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70.	Pooja Yadav	Dept. of Physics, DHSGU, Sagar (mp)	PG
71.	Reena Shahu	Dept. of Physics, DHSGU, Sagar (mp)	PG
72.	Sangeeta Ahirwar	Dept. of Physics, DHSGU, Sagar (mp)	PG
73.	Avaneesh Mishra	Dept. of Physics, DHSGU, Sagar (mp)	PG
74.	Akash Madake	Dept. of Physics, DHSGU, Sagar (mp)	PG
75.	Deepak Madake	Dept. of Physics, DHSGU, Sagar (mp)	PG
76.	Sunil Banothe	Dept. of Physics, DHSGU, Sagar (mp)	PG
77.	Chatrapal Naik	Dept. of Physics, DHSGU, Sagar (mp)	PG
78.	Praveen Kumar Litoriya	Dept. of Physics, DHSGU, Sagar (mp)	PG
79.	Bhaiya Ram Prajapati	Dept. of Physics, DHSGU, Sagar (mp)	PG
80.	Pankj Kumar Kushwaha	Dept. of Physics, DHSGU, Sagar (mp)	PG
81.	Partha Paul	Dept. of Physics, DHSGU, Sagar (mp)	PG
82.	Saurav Sadhukan	Dept. of Physics, DHSGU, Sagar (mp)	PG
83.	Soumitra Das	Dept. of Physics, DHSGU, Sagar (mp)	PG
84.	Sidharth Dewangan	Dept. of Physics, DHSGU, Sagar (mp)	PG
85.	Pushparaj Tilgum	Dept. of Physics, DHSGU, Sagar (mp)	PG
86.	Pooja Ahirwar	Dept. of Physics, DHSGU, Sagar (mp)	PG
87.	Sherry Nashir	Dept. of Physics, DHSGU, Sagar (mp)	PG

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88.	Usha Ahirwar	Dept. of Physics, DHSGU, Sagar (mp)	PG
89.	Jayanti	Dept. of Physics, DHSGU, Sagar (mp)	PG
90.	Prashansa Singh	Dept. of Physics, DHSGU, Sagar (mp)	PG
91.	Sanhita Mandal	Dept. of Physics, DHSGU, Sagar (mp)	PG
92.	Saumya Ranjan Dash	Dept. of Physics, DHSGU, Sagar (mp)	PG
93.	Kumar Mani Rout	Dept. of Physics, DHSGU, Sagar (mp)	PG
94.	Shailesh Patle	Dept. of Physics, DHSGU, Sagar (mp)	PG
95.	Hariom Pawar	Dept. of Physics, DHSGU, Sagar (mp)	PG
96.	Pankaj Rana	Dept. of Physics, DHSGU, Sagar (mp)	PG
97.	Deepak Pandey	Dept. of Physics, DHSGU, Sagar (mp)	PG
98.	Gopal Jha	Dept. of Physics, DHSGU, Sagar (mp)	PG
99.	Shivam Sharanam Vishwakarma	Dept. of Physics, DHSGU, Sagar (mp)	PG
100.	Akash Lilhare	Dept. of Physics, DHSGU, Sagar (mp)	PG
101.	Ramesh Prajapati	Dept. of Physics, DHSGU, Sagar (mp)	PG
102.	Rahul Baseniya	Dept. of Physics, DHSGU, Sagar (mp)	PG
103.	Sachin Baderia	Dept. of Physics, DHSGU, Sagar (mp)	PG
104.	Ram Manoj Shahu	Dept. of Physics, DHSGU, Sagar (mp)	PG
105.	Ashish Rajak	Dept. of Physics, DHSGU, Sagar (mp)	PG

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106.	shadab anwar khan	Dept. of Physics, DHSGU, Sagar (mp)	PG
107.	Shikha	Dept. of Physics, DHSGU, Sagar (mp)	PG
108.	Sanjay Rajpoot	Dept. of Physics, DHSGU, Sagar (mp)	PG
109.	Sonam Jain	Dept. of Physics, DHSGU, Sagar (mp)	PG
110.	Aaradhana Banwari	Dept. of Physics, DHSGU, Sagar (mp)	PG
111.	Prof. Ashish Verma	Dept. of Physics, DHSGU, Sagar (mp)	F
112.	Prof. Ranveer Kumara	Dept. of Physics, DHSGU, Sagar (mp)	F
113.	Dr. Purnima Varma	Dept. of Physics, DHSGU, Sagar (mp)	F
114.	Dr. Sandhya Patel	Dept. of Physics, DHSGU, Sagar (mp)	F
115.	Dr. K. K. Dey	Dept. of Physics, DHSGU, Sagar (mp)	F
116.	Dr. Prashant Shukla	Dept. of Physics, DHSGU, Sagar (mp)	F
117.	Dr.Anupma Chanda	Dept. of Physics, DHSGU, Sagar (mp)	F
118.	Dr. Manashi Ghosh	Dept. of Physics, DHSGU, Sagar (mp)	F
119.	Dr. Jai Singh	Dept. of Physics, DHSGU, Sagar (mp)	F
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	Day-1 <u>March 2, 2017 (Thursday)</u>	
8:00 - 9:00:	REGISTRATION	
9:00 - 9:45 :	INAUGURAL CEREMONY	
9:45 - 11:30: INAUGURAL LECTURE		
	Shri. Kailash Shatharthy, Nobel laureate	
	Chairperson : Prof. S.P. Vyas	
	Repertoire: Prof. Ashish Verma	
11.30-11.45	HIGH TEA	
11.15 am-2.00pm	SESSION-1	
	KEYNOTE LECTURES	
11:15 - 12:00:	Prof. Dhiraj Bora, VC, STUA, Guhwati, Assam, Former	
12.00-12.45:	director IPR.	
	Prof. K. L. Chopra, IIT Kanpur	
	Chairperson : Prof. M. S. Tiwari	
	Repertoire: Prof. Ranveer Kumar	
12.45-1.15:	LUNCH	
1.15-3.00pm	SESSION-2	
1.15-3.00 :	POSTER SESSION (Parallel Session)	
	(INVITED LECTURE)	
1.15-1.35 : I		
1.35-1.55 : I	Prof. S.Despandey, Projet leader ITER-India	
1.55-2.10: I	Prof. Pramod Sharma, IPR Gandhingar	
2.10-2.30:I	Prof. J. Ramkumar, IIT Kanpur	
2.30-2.40: O	Dr. P. C. Maithani, MNRE, New Delhi	
2.40-2.50: O		
2.40-2.50. O	Chairperson : Prof. R.A. Singh	
2.50-3.00: O	Repertoire: Dr. Jai Singh	

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3.00 -3.10 pm	Evening Tea	
3.10-5.30 pm 3.10-5.30 pm	SESSION- 3 POSTER SESSION (Parallel Session)	
3.10-3.30: I 3.30-3.50:I 3.50-4.10:I 4.10-4.30:I 4.30-4.50:O 4.50-5.00:O	INVITED SPEAKERS LECTURES Prof. O. N. Shrivastava, BHU Prof. S. A. Ramakrisna, IIT Kanpur Prof. S. Mukharjee, Head FCIPT, IPR, Gandhinagar Prof. Y. K. Yadav, DG, SSSNIBE	
5.00-5-10: O 5.10-5.20:O 5.20-5.30:O	Chairperson : Prof. R. N Yadav Repertoire: Dr. Ritu Yadav	
5.30-6.00	Summary of Day and evening Tea	
6.00-8.00	Cultural programme	
8.00-9.00	Individual discussions and Dinner	

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	<u>Day – 2: March 3, 2017 (Friday)</u>
08:00 – 8.30	Registration
8:30 - 10:50 :	SESSION-1
8.30: - 9:15: 9:15 - 10:00: 10.00-10.45:	KEYNOTE LECTURES Prof. S. C. Kaushik, IIT Delhi Prof. Sekhar Basu, DAE, New Delhi Prof. Vijay Raghavan, Secretary, DBT, New Delhi
-	Chairperson : Prof. A. K. Rai Repertoire: Dr. Ashwani Kumar
10.45 to 11.00	HIGH TEA
11.00 pm-1.00pm	SESSION-2
11:00 - 11:20:I 11.20-11.40:I 11.40-12.00:I 12.00-12.20:I 12.20-12.30:O 12.30-12.40:O 12.40-12.50:O 12.50-1.00: O	INVITED SPEAKERS LECTURES Prof. M.M Salunkhe VC, Symbiosos, Indore Dr. Dilip Khare, Director, NREM, New Delhi Prof. R. A. Yadav, BHU, Varanasi Dr. S. K. Singh, Director, SEC, New Delhi Chairperson: Prof. M.L. Khan Repertoire: Dr. Shweta Yadav
1.00-1.30 pm:	LUNCH
1.30-3.30 pm	SESSION-3
1.30-02.45:	POSTER SESSION (Parallel Session)

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1:30 - 1:50:I	INVITED LECTURES	
1.50-2.10:I 2.10-2.30:I 2.30-2.50:I 2.50-3.00:O 3.00-3.10:O 3.10.3.20:O 320-3.30:O	Prof. V. K. Vijay, CRDT, IIT Delhi Prof. A. K. Gwal, Bhopal Dr. S. K. Deshmukh, TERI, New Delhi Dr. Sangita M Kasturi, DBT, New Delhi	
	Chairperson : Prof. P. K. Khare Repertoire: Dr. Raj Kumar	
3.30-5.30	Valedictory session Poster Award Distribution Concluding remarks Vote of Thanks	

^{*} The above programme schedule is the subject matter of availability.