



Event/Activities under Academic Association
Pre-Event / Completion Report (Tick the
appropriate one)

#	Scope	Description
1	Faculty	Science
2	Name of Academic Association	Savant Association
3	Title of the Event/Activity	Seminar on High power Terahertz generation and its applications
4	Objective of the event	Comprehensively understand how High-power terahertz (THz) generation has emerged as a promising field with various applications
5	Date – Time/Duration	2/06/2023, 2:00 pm to 4:00 pm
6	Place/Venue	415, Block A, SGT University
7	Name of Faculty Coordinator	Dr. MT Beig, Dr. Yogesh Sharma
8	Name of Students' Organizer(s)*1	Vinnie, Chayya Bhatia
9	Brief Report of the event *2 (should not exceed 500 words)	<p>The SAVANT Association, Department of Physics, Faculty of Science, SGT University, under the aegis of Optical Society of America (OPTICA), organized a "High Power Terahertz Generation and Its Applications" seminar on June 2nd, 2023. The seminar aimed to explore advanced techniques for generating high-power Terahertz radiation and its diverse applications.</p> <p>The seminar was led by Dr Mukesh Jewariya, Senior Scientist, CSIR-National Physical Laboratory-New Delh and recipient of the Korean Research Fellowship (KRF) (2015-2017). Over 50 people, including UG/PG students, research scholars, and faculty members, attended the seminar.</p> <p>Professor Dr. Lakhwinder Singh, the Dean of the Faculty of Science, welcomed the attendees, motivating them to engage and enthusiastically participate in the seminar. After that, Prof. (Dr.) Lakhwinder Singh, Dr. Mukesh Kumar, Head, Department of Physics, presented the welcome sapling and memento to the honoured speaker.</p> <p>Dr. Mukesh Jewariya commenced the talk by elucidating the fundamental principles underlying the generation of high-energy terahertz radiation. He delved into the vast realm of its applications, ranging from medical diagnosis through imaging and spectroscopy, security screening, and material analysis to high-speed wireless communication for seamless data transfer.</p> <p>The seminar provided an enriching experience for participants, offering abundant information and fostering novel insights into the subject matter. Dr. Mukesh Jewariya displayed commendable expertise by meticulously addressing the audience's questions, leaving no queries unanswered. The event was concluded with a vote of thanks by Dr. MT Beig.</p> <p>Overall, the seminar proved an outstanding success, serving as an exceptional platform for students and faculty members to learn from a distinguished expert in the field and exchange invaluable ideas.</p>
10	Role of participating students	Students asked the questions related to Terhertz
11	Expected outcome as understood by the students (Bullet points – max of 3-5 points)	<p>The expected outcome of the seminar:</p> <ul style="list-style-type: none">➤ Gain a comprehensive understanding of high-power terahertz (THz) generation, including the underlying principles and techniques involved.

		<ul style="list-style-type: none"> ➤ Explore the diverse range of applications where THz generation has shown promise, such as communications, imaging, spectroscopy, non-destructive testing, and biomedical sciences. ➤ Identify the advancements and breakthroughs in THz generation technology, enabling participants to stay updated with the latest developments in the field. ➤ Acquire knowledge and insights that can be applied to their respective fields or research, leveraging the potential of high-power terahertz generation for innovative applications and solutions.
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12	Suggestions/Remarks	
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Name	Class	Rollno	Signature
Nidhi Sharm	221706003 M.Sc Chemistry	221706003	Nidhi Sharm
Prachi	M.Sc chemistry	221706012	Prachi
Jyoti	M.Sc. chemistry	221706017	Jyoti
Sudesh	M.Sc. EVS	221709006	Sudesh
Banmidang	B.Sc Forensic science	221719036	Banmidang
Dhruvika	BSC Forensic Science	221719006	Dhruvika
Mansha Yadav	Ph.d Mathematics	211715002	Mansha
Wazir Singh	Ph.d (Environmental Sc.)	201713002	Wazir Singh
Bhawana Yadav	MSc (Mathematics)	221707004	Bhawana
Ekta	MSc (Mathematics)	221707003	Ekta
Ruby	MSc (Physics)	221708004	Ruby
Anjali	MSc (Physics)	221708010	Anjali
Bharti	MSc (Physics)	221708003	Bharti
Jagrithi	MSc (Physics)	221708005	Jagrithi
Reetu	Ph.D Scholar	211714001	Reetu
Madhu Yadav	Ph.D Scholar (Physics)	211714004	Madhu
Rajni	Phd Chemistry	211716002	Rajni
Taruna	Phd Chemistry	211716003	Taruna
Ratul Chauhan	M.Sc chemistry	221706020	Ratul
Asma	"	221706015	Asma
Varsha	"	221706019	Varsha
Meenal	"	221706018	Meenal
Vipin Yadav	Ph.D (Forensic)	1901713003	Vipin
Dr. Pradeep Mable	faculty member		Dr. Pradeep Mable
Dr. Sirojod Singh	faculty		Dr. Sirojod Singh

*2 Add photographs with captions (Total 7 photographs including 2 geo tagged)

#	Insert Photographs/Images
1	 <p data-bbox="266 604 1218 636">Dean sir with other faculty member presenting memento to Dr. Mukesh Jewariya</p>
2	 <p data-bbox="266 978 1226 1010">Dean Sir with other faculty members, presented a sapling to Dr. Mukesh Jewariya</p>
3	 <p data-bbox="266 1549 649 1579">Students attending the Seminar</p>

4



Students attending the Seminar

5



Students take notes during the seminar

6



Dr. Mukesh Jewariya during the workshop

Advisor / Co-advisor Name: Dr. MT Beig
/Dr. Yogesh Sharma

Date: 2/6/2023

Please mail the filled information to: ACADEMIC ASSOCIATION (acad.assoc@sgtuniversity.org).

Send the

- 'Pre Event Report' at least a week before the event date
- For 'Completion Report' send the report within a week of the event conducted
- 200 words for media to be attached

A handwritten signature in blue ink, appearing to be 'MR' followed by a stylized flourish.



SGT UNIVERSITY

SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY
(UGC Approved University) GURGAON, Delhi-NCR

(Established by the Haryana Act No. 8 of 2013)

Remuneration Payment Bill Form (Guest Speaker/Expert Talk)

Topic of Expert Talk: High Power Terahertz Generation and its Applications
 Name of Speaker: DR. MUKESH J. JHARANA
 Address: C.S.I.R. - NPL
 Name of Internal Coordinator: Dr. Mukesh Kumar, Associate Professor, Dept. of Physics
 Venue of the event: GIS, A Block, SGT University
 Date & time for expert talk: 02/06/2023 Time: 2:00 PM - 4:00 PM

Name of Event	Venue of the event	No. of students/ participants	Amount of Payment for talk	Remarks
<u>Seminar on High Power Terahertz Generation and its Applications</u>	<u>GIS A-block</u>	<u>60/-</u>	<u>Rs 4500/-</u>	

Mukesh Kumar
 (Signature of Internal Coordinator)
 ID No. (If any):

Pl. attach the approval of your authority.
08/6/23

[Signature]
 (Signature of External Speaker)
 ID No. (If any):

As per requirement his cv has been attached herewith

Head of the Dept.: Mukesh Kumar
02/06/2023

Countersigned (Dean): [Signature]
02/06/2023

Received in cash a sum of Rs. Rs. 4500/-

Date: _____

[Signature]
6/6/23
 Registrar
 SGT University
 Budhera, Gurugram

[Signature]
 (Signature of the External Speaker)

[Signature]
2/6/23

R-1764
27/5/23

FACULTY OF SCIENCE

Date: 26-05-2023

SGTU/FOSC/2023/1372

Registrar
University
Gurugram

Through Proper Channel)

Permission to conduct a workshop entitled "High power Terahertz generation and Its Applications" on 2nd June, 2023 and approval for honorarium, sapling, memento & hospitality.

whereby informed that a workshop entitled "High Power Terahertz Generation and Its Applications" has been scheduled on 2nd June, 2023, by Savant Association, Department of Physics, Faculty of Science. In this regard, we need your permission for honorarium to be paid to an external invited expert (Off-line), sapling, memento and hospitality. The details of the external subject expert is as follow:

Details of the Expert	Timing
Dr. Mukesh Jewariya, Senior Scientist, CSIR-National Physical Laboratory-New Delhi	High Power Terahertz Generation and Its Applications 2:00-4:00 pm

S.No.	Requirements	Quantity	Amount
1	Honorarium	01	4500 ✓
2	Memento	01	800 ✓
3	Sapling	01 ✓	100
4	High Tea	08	640
5	Lunch (Ambrosia)	07	2100
6	Water Bottle	10	70
7	Photographer	01	-
8	E-banner	01	-

Address: 415, 4th Floor, A-Block

You
sincerely,
26/05/2023
Faculty of Science, FOSC

The report of the Dean, FOSC may kindly be considered for approval, etc.

Attach profile of speaker
27/5/23

1 Sapling
1 Memento
Dean, FOSC
Faculty of Science
SGT University
Budhera, Gurugram
26/5/2023
27/5/23
28/5/23

Registrar
SGT University
Budhera, Gurugram
28/5/23



Head. physics <hod.physics.fosc@sgtuniversity.org>

Invitation for Motivation cum Lecture

2 messages

Head. physics <hod.physics.fosc@sgtuniversity.org>
To: jewariya.mukesh@nplindia.org
Bcc: jamilur.ansari@ggnindia.dronacharya.info

Thu, May 25, 2023 at 11:30 AM

Respected Sir,
Greetings of the day!

We are from Dept. of Physics, Faculty of Science, SGT University, Gurugram. To motivate and encourage our ug and pg students, we organize invited talks by eminent personalities related to the subject. We request your kind considerations to visit our faculty on 2nd June 2023 and deliver a seminar on High Power Terahertz Generation and Its Applications to enlighten us and our students. In this regard, we humbly await your kind response

Thanks & regards

Dr Mukesh Kumar
Head, Department of Physics
Faculty of Science
Shree Guru Gobind Singh Tricentenary (SGT) University
Gurugram-122505, Haryana, India.

Mukesh Jewariya <jewariya.mukesh@nplindia.org>
To: hod physics fosc <hod.physics.fosc@sgtuniversity.org>

Fri, May 26, 2023 at 2:13 PM

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Dear sir
I am delighted to receive your email
I hereby confirm my talk to be delivered on given time
Thanks

[Quoted text hidden]

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Regards Dr. Mukesh Jewariya Senior Scientist and Assistant Professor (AcSIR) Length, Dimension, and Nanometrology Room No.18 & 10 (AML Building) National Physical Laboratory Dr. K.S.Krishnan Marg, New Delhi 110012. (Council of Scientific & Industrial Research) Ministry of Science and Technology, Govt. of India.
Email: jewariya.mukesh@gmail.com; https://linkprotect.cudasvc.com/url?a=https%3a%2f%2fnplindia.org&c=E,1,Hzzrwwza_BMsLUII1TT1Qzn4-1QhVWBG4dRjV_5fB1SJY3YdUFIF6FdqHGyMxcdjFH1T0y-4pHJ50Cwcb71yKhjLFK-_YVvQiSyZpxeG0_YRIg.,&typo=1 jewariya.mukesh@gmail.com Office: +91-11-4 7061669/2669, Fax: +91-11-45609310 Mobile: +91-8588811541