

Date : 04/11/2019

From,

1) Dr. Satyanarayan

Head Of the Department

Department of Mechanical Engineering,

AIET, Mijar

2) Dr. Jayaram

Associate Professor

Department of physics

AIET Mijar

To,

IQAC Chairman

AIET, Mijar

Respected sir,

**Sub: Proposal For Conduction of three days International conference on Laser deposition (iCOLD-2019)-reg**

We here by Proposing to conduct three days International conference on Laser deposition (iCOLD-2019). This conference is for all teaching staffs of various academia, industry Persons & also research scholars. This is scheduled to be held from 27/11/2019 to 29/11/2019.

Kindly permit us to conduct this conference.

Thanking you,

Yours sincerely

1) Dr. Satyanarayan 2) Dr. Jayaram

H. O. D.

Dept. Of Mechanical Engineering  
Alva's Institute of Engg. & Technology  
Mijar, MOODBIDRI - 574 225

PRINCIPAL

Alva's Institute of Engg. & Technology,  
Mijar. MOODBIDRI - 574 225, D.K



## Alva's Institute of Engineering & Technology

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225


Phone: 08258-262725, Fax: 08258-262726

Ref no.ME-2019-20

Date:- 21-11-2019


### Circular

This is inform that Department of Mechanical Engineering is organizing Three days International Conference on "**Laser Deposition (iCOLD-2019)**" on **27-29 November 2019**. All are hereby instructed to attend the same without fail.

  
H.O.D.

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Principal

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Mijar, MOODBIDRI - 574 225, D.K

# International Conference

on

## Laser Deposition:

Nanostructures, Hetero-structures and 2D layers

(iCOLD-2019)

November 27-29, 2019

Organized by

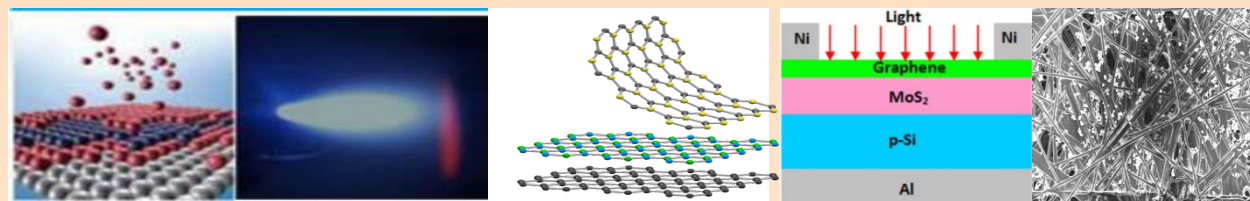
Departments of Electronics and Communication & Mechanical Engineering

**Alva's Institute of Engineering and Technology**

**Moodbidri- 574225**

In association with

**Indian Institute of Technology Madras**



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**Scope of the conference:** This conference aims to review the advancement in nanostructures, hetero-structures and 2D layers from physics and technology points of view. Laser aided Deposition techniques and Atomic Layer Deposition are the key techniques enabling researchers in the realization of device quality thin films, hetero-structures and multi-layers. The scope includes a variety of materials such as semiconductors, superconductors, ferroelectrics, multi-ferroics, polymers, nano-materials, organic materials, photonic materials, 2D systems, computational aspects, surface coatings, bio-medical coatings and also novel technologies for very low frequency vibration sensors and energy harvesters, proton exchange membrane fuel cells and other advanced devices.

The conference will comprise plenary and invited talks, oral and poster presentations. It is hoped that this international conference will provide a platform, both for specialists and research students, to present their latest results on their work.



## Call for papers

Technical/Research papers are invited from scientists/research scholars/faculties in the areas mentioned below.

### Topics to be covered, but not limited to

- Thin film science and technology of advanced materials, hetero-structures, multilayers and super-lattices
- Fundamentals of Laser-Material Interactions
- Ultrafast Phenomena and Phase Transformations
- Emerging Trends in Photo-excitations and New Applications
- Pulsed Laser Deposition
- Lasers in Nanoscience – Photonic Fabrication at Nanoscale
- Laser Interactions with Organic and Biological Materials
- Atomic Layer Deposition
- Thin film growth kinetics in Pulsed Laser Deposition and Atomic Layer Deposition
- Novel materials, nano and hetero-structures and 2D layers
- Computational aspects of materials
- Smart materials including shape memory alloys
- Ferroelectrics and Multi-ferroics and their multilayers
- Organic and Inorganic photonic materials
- Superconductors and topological insulators
- Low and very low frequency vibration sensors
- Energy harvesters and proton exchange membrane fuel cells
- Technologies & devices for emerging electronics
- Surface coatings including high laser damage-resistant coatings
- Characterization techniques and measurement protocols
- Mechanisms, Modeling, and simulations

### Instruction to authors:

The abstracts (not exceeding one A4 page, single spaced, Times New Roman 12 font) should include Full name and affiliation of all authors and e-mail id and phone number of the corresponding author.

Manuscripts should be in single spaced on A4 Paper with font size 12 and not more than SIX pages in length, including figures and tables.

Reference number should be in square bracket in the text and should be listed at the end of manuscript with author name, year, title, journal, volume, issue and page number.

### Who can participate?

Faculty from Academic Institutions

Research Scholars and PG students

Engineers/Scientists from Industry and R & D Centers



## Important Dates:

Last date for submission of Abstracts: September 15, 2019

Intimation of Acceptance: October 15, 2019

Last date for submission of Full length Paper\*: October 30, 2019

*[\*Papers will be reviewed and accepted papers will be published in SCOPUS indexed journal]*

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Dr. K.P Ray, DIAT, Pune	Dr. K. Hokamoto, Kumamoto University, Japan
Dr. Poornesh KK, NITK, Surathkal	Dr. Priyanka Maheshwari, NPL, Delhi
Dr. S. Torii, Kumamoto University, Japan	Dr. Sangeetha Kale, DIAT, Pune.

## Registration Fee:

Research Scholars/PG Students: Rs. 2,000/-  
Faculty of Academic institutions: Rs. 5,000/-  
Researchers from Industry: Rs. 8,000/-  
International Participants: USD 100/-

**Registration/ Abstract/ Manuscript submission:** <https://aiet.org.in/icold.html>

## Accommodation:

Accommodation will be provided based on prior request, first-come first-served basis.

**Contact:** 9892818760, 9611945201, 9964810960, *Email:* [icold2019@aiet.org.in](mailto:icold2019@aiet.org.in)

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ALVA'S  
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# International Conference

## on Laser Deposition

Nanostructures, Heterostructures and 2D layers

(iCOLD-2019)  
Program Schedule

Day 1: Nov 27, 2019 Wednesday, Venue: MBA Seminar Hall

8:00-9:30 : Registration  
9:30-10:30 : Inauguration & Keynote  
Chief Guest: Dr. Karanam Umamaheshwar Rao Director, NITK Surathkal  
President : Dr. M. Mohan Alva Chairman, Alva's Education Foundation @.  
10:30-11:00 : Tea Break

### Session 1: Laser Deposition

Chair: Dr. Lalit M. Kukreja, Founder – President, Epi-knowledge Foundation, Mumbai

✓ KN-2 11:00 to 11:45 : Dr. W. Prellier, CNRS UMR, France  
Magnetic properties in strained  $\text{PrVO}_3$  thin films  
IT-1 11:45 to 12:15 : Dr. Neeraj Khare, IIT Delhi  
Pulse Laser Deposited Nanocomposite high-Tc Superconducting Films  
IT-2 12:15 to 12:45 : Dr. Satish B. Ogale IISER, Pune  
Pulsed Laser Deposition of some non-oxide and oxide materials for emergent energy applications  
IT-3 12:45 to 13:15 : Dr. M.K. Jayaraj, CUSAT, Cochin  
Large area growth of  $\text{MoS}_2$  thin films by pulsed laser deposition  
13:15-14:00 : Lunch

### Session 2: Laser Deposition: Applications

Chair: Dr. Sathish B. Ogale, IISER, Pune

PT-1 14:00 to 14:40 : Dr. Burkhard Fechner, Coherent, Germany  
Coated conductor processing with excimer lasers  
IT-1 14:40 to 15:10 : Dr. P. Murugavel, IIT Madras  
Magnetoelectric and photovoltaic effect on PLD grown BCT-BZT thin films  
IT-5 15:10 to 15:40 : Dr. Subash Pai, Excel Instruments, Mumbai  
Pulsed Laser Deposition: A view from Manufacturer  
IT-6 15:40 to 16:10 : Dr. Nilesh J. Vasa, IIT Madras  
Formation of Lateral p-n Diode Using Pulsed Laser Deposition and Subsequent Laser-Assisted Doping  
16:10 to 16:30 : Tea Break

### Session 3: Novel Devices

Chair: Dr. M.K. Jayaraj, CUSAT, Cochin

IT-7 16:30 to 17:00 : Dr. K. Sethupathi, IIT Madras  
Enhanced electrocaloric effect in PLZT ceramics  
IT-8 17:00 to 17:30 : Dr. Bikas C. Das IISER, Trivandrum  
Future Trends on Low-Voltage Operated Thin-Film Electronic Applications  
IT-9 17:30 to 18:00 : Dr. Prahallad Padhan, IIT Madras  
Exotic physical phenomena in  $\text{SrRuO}_3$ - $\text{PrMnO}_3$  superlattices  
IT-10 18:00 to 18:30 : Dr. Sangeetha Kale, DIAT, Pune  
Synthesis and Analysis of Pulsed Laser Deposited Lithium Niobate thin films for photonic device applications.  
18:30 to 22:00 : Banquet Dinner at Resort (Sponsored by Laser Science)

**DAY 2: 28-11-2019, Venue: MBA Seminar Hall**

### Session 4: Applied Materials

Chair: Dr. Sangeetha Kale, DIAT, Pune

✓ KN-3 9:15 to 10:00 : Kazuyuki Hokamoto, Kumamoto University, Japan  
Synthesis of various functional nano-material powders through underwater and underliquid explosion phenomena  
PT-2 10:00 to 10:40 : Dr. Shuichi Torii, Kumamoto University, Japan  
Enhancement of Heat Transfer Performance in Pipe Flow Using Graphene-Oxide-Nanofluid and Its Application  
IT-11 10:40 to 11:10 : Dr. Satyanarayan, AIET, Moodbidri  
Overview on Diffusion between Solder and Base Metals for Electronic Applications  
11:10 to 11:30 : Tea Break



**Session 5: Novel Materials**  
**Chair: Dr. K. Sethupathi, IIT Madras**

- PT-3 11:30 to 12:10 : Dr. M.S.Ramachandra, Rao IIT Madras  
Physics and Technology of doped wide bandgap materials
- IT-12 12:10 to 12:40 : Dr. Ranjith Ramadurai, IIT Hyderabad  
Nano Structured Multiferroic Composites of Lead-Free  $\text{Ba}_{0.85}\text{Ca}_{0.15}\text{Zr}_{0.1}\text{Ti}_{0.9}\text{O}_3 / \text{CoFe}_2\text{O}_4$   
Through Pulsed Laser Ablation
- IT-13 12:30 to 13:00 : Dr. Manjunatha Pattabi, Mangalore University  
Silver Particulate Films on Softened Polymer Substrates
- 13:00 to 14:00 : Lunch
- 14:00 to 15:30 : Poster Session
- 15:30 to 16:00 : Tea

**Session 6: Micro and Nanostructures**  
**Chair: Dr. M.S.Ramachandra Rao, IIT Madras**

- IT-14 16:00 to 16:30 : Dr. Maneesh Chandran, NIT Calicut  
Fabrication of microchannels in polycrystalline diamond using pre-fabricated Si substrates
- IT-15 16:30 to 17:00 : Dr. K. Lakshmi Ganapathi, IIT Madras  
Heterostructures of 2D semiconductors with functional oxides: Interfaces and Devices
- IT-16 17:00 to 17:30 : Dr. Poornesh KK, NITK, Surathkal  
Stress Distribution in High-Capacity Electrode Particles with Concentration Dependent Properties
- IT-17 17:30 to 18:00 : Dr. Rajesh Rai, AJIET, Mangalore  
Polymer based Piezoelectric Microelectromechanical Systems
- IT-18 18:00 to 18:30 : Dr. Lalit M. Kukreja.  
Founder - President, Epi-knowledge Foundation, Mumbai.  
Direct Laser Deposition of alloys and polymers for additive manufacturing
- 18:45 to 19:45 : **Cultural Program**  
Alva's Samskrutika Kala Vaibhava Venue: AIET Auditorium
- 20:00 to 21:00 : Dinner,  
Venue: AIET, Host: Alva's Education Foundation @.

**DAY 3: 29-11-2019, Venue: MBA Seminar Hall**

**Session 7: Energy**  
**Chair: Dr. D. V. Manjunatha, AIET, Moodbidri**

- ✓ KN-4 9:10 to 9:50 : Dr. Richard Pinto, AIET, Moodbidri  
Advances in hydrogen fuel cells-current status and future directions
- IT-19 9:50 to 10:20 : Dr. Jayarama A. AIET, Moodbidri  
Piezoelectric polymer based MEMS cantilever beams for very low frequency vibration sensors;
- IT-20 10:20 to 10:50 : Dr. Raviprakash Y. IIT Madras  
Recent Advances in Thin film Photovoltaics
- IT-21 10:50 to 11:20 : Dr. Bhallamudi V. Praveen, IIT Madras  
Quantum sensors for magnetic imaging and magnetic resonance spectroscopy
- 11:20 to 11:45 : **Tea Break**

**Session : Thin Films**  
**Chair: Dr. Praveen J, AIET, Moodbidri**

- IT-22 11:45 to 12:15 : Dr. Ramaprasad A. T, AIET, Moodbidri  
Effect of Sonication and initiator onto Polypyrrole grafted chitin
- IT-23 12:15 to 12:45 : Dr. Raghavendra Bairy, NMAMIT, Nitte  
Structural, linear and nonlinear optical properties of  $\text{Cd}_{1-x}\text{Al}_x\text{S}$  semiconductor nanostructures:  
Influence of film thickness
- 12:45 to 13:45 : **Lunch**

**Session : Industry and Oral session**  
**Chair: Dr. Dattathreya, AIET, Moodbidri**

- 13:45 to 15:45 : Oral and Industry session
- 15:45 to 16:15 : Tea
- 16:15 to 17:15 : Panel Discussion: Relevance of R & D in Engineering Education  
Moderator: Dr. Richard Pinto, AIET, Moodbidri
- 17:15 to 17:30 : Valedictory
- 17:30 to 18:00 : **High Tea**

\* **KN : Key Note**  
**PT : Plenary Talk**  
**IT : Invited Talk**





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OF APPRECIATION

This is to certify that Prof. /Dr. /Mr. /Ms. \_\_\_\_\_  
of \_\_\_\_\_  
has presented a technical paper titled as \_\_\_\_\_

in the International Conference on **Laser Deposition** (iCOLD-2019)  
held during November 27-29, 2019 organized by the Department of  
Electronics and Communication & Mechanical Engineering.

.....  
Dr. Richard Pinto  
Chair: iCOLD-2019

.....  
Dr. M. S. Ramachandra Rao  
Co-Chair : iCOLD-2019

.....  
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WHEREAS, the Organizer desires to enter into this Agreement whereby Elsevier will be responsible for the publication of papers (hereinafter "Proceedings") of the International Conference on Laser Deposition: Nanostructures, Hetero-structures and 2D layers in the journal entitled *Materials Today: Proceedings* (hereinafter "Procedia").

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On behalf of Organizer

On behalf of Elsevier Ltd

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Title: **AIET Chair**  
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Date: **07 August 2019**

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Name: **Dr. M. S. Ramachandra Rao**  
Title: **IIT Madras**  
Date: **17 September 2019**



December 9, 2019

To:

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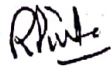
Subject: Reimbursement of miscellaneous expenses during iCOLD 2019

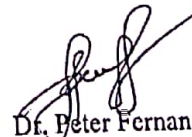
The following are the miscellaneous expenses. The original bills duly signed by Conference-chair and principal are attached

Sl. No.	Item	Company	Amount INR
1	Mementoes for Invited Speakers	Art and Craft, Chikmagalore, Invoice No:39, dated 03-12-2019	6600
2	Auditorium decoration	Star Arts bill dated 27-11-2019	4850
3	Coolers at Auditorium	Shree Durga Kripa Arrangers, Yedapadavu	3200
4	Flowers for Inauguration	Shri Mariyamma Flower stall agent, Karkala	615
5	Drinking Water (500 bottles)	Dell Services, Moodbidri	2500
6	Jio Recharge Internet service for Invited Speakers	Dell Services, Moodbidri	444
7	Treat for Important Guests	Hotel Shanthi Bhavana and others	3525
8	Banners-3	Madhuban, Moodbidri	1805
9	TA for Participants	DVS College, Shimoga	1760
10	Transportation for Chief guest	Naisha Travels, Mangalore	1700
	<b>Total</b>		<b>Rs. 26999</b>

The above amount will be reimbursed by the in-charge Registration Desk, Prof. Sadashiv Bellubhi. Kindly transfer the amount Rs. 26,999 to his Account. The account details are as follows:

Name of the account holder : Sadashiv Bellubhi  
Account Number : 0612118000498  
IFSC : CNRB0000612  
Bank Name : Canara Bank, Hampankatta

  
Dr. Richard Pinto  
Chair-iCOLD2019

  
Dr. Peter Fernandes  
Principal  
PRINCIPAL  
Alva's Institute of Engg. & Technology,  
Mijur, MOODBIDRI - 574 225, D.K.

SADASHIV M BELLUBBI  
S/O MAMALLAPPA BELLUBBI  
ASST.PROF. MECHANICAL DEPT  
A I E T, MIJAR  
MOODBIDRI

Account Statement as of 17-12-2019 18:37:45 GMT +0530

Customer Name	SADASHIV M BELLUBBI
Branch	MANGALORE HAMPANAKATTA
Searched by : Today's Transactions	
Account Number	0612118000498
Customer Id	71425880
Account Currency	INR
Balance B/F	4,068.64
Closing Balance	4,318.64

Txn Date	Value Date	Cheque No.	Description	Branch Code	Debit	Credit
17-Dec-2019 13:57:48	17-Dec-2019	000000718909	Funds Transfer from INTERNATIONAL CONFERENCE ON LASER DEPOSI	2764		12,349.00
17-Dec-2019 16:05:33	17-Dec-2019	935116237171	UPI/935116237171/IClca900d96b7c44d4f92d284118825da86/17/12/2019 16:05:33/sadashivmb2005-1@okicici/raghu.mck@okaxis/Debit	33	2,622.00	
17-Dec-2019 16:13:18	17-Dec-2019	935116270283	UPI/935116270283/ICl1d0a48774f8343989f31f242f4e062a1/17/12/2019 16:13:18/sadashivmb2005-1@okicici/0612118000643@cnrb0000	33	2,515.00	
17-Dec-2019 16:39:55	17-Dec-2019	935116387643	UPI/935116387643/ICl8b7bc090e6764d0ca28204a6d5da5c1d/17/12/2019 16:39:55/sadashivmb2005-1@okicici/santhoshsnayak@okhdfc	33	615.00	
17-Dec-2019 17:40:33	17-Dec-2019	3981	ATM Cash-1333E005-CANARABANKDAKSHINAKANNKAIN-17/12/19 17:40:33/5261	1333	2,500.00	
17-Dec-2019 18:17:10	17-Dec-2019	935118401556	UPI/935118401556/ICl83faf4476f4c46e2a66888746361e1ad/17/12/2019 18:17:10/sadashivmb2005-1@okicici/narendraskarkala@okici	33	637.00	
17-Dec-2019 18:33:43	17-Dec-2019		NEFT OW-SADASHIV BELLU-P19121778803254	136	3,460.00	



# iCOLD 2019

## Registration Committee.

1> Kumarswamy

1168 = ∞	Banner
900 = ∞	Cashew
444 = ∞	Jio
110 = ∞	Lunch
<hr/> 2622 = ∞	

Received  
M.C.K.  
17/12/19

Paid to  
google pay

2> Dr. Satyanarayan

2515 = ∞ Dinner

Suma  
17/12/19

3> Sadashiv

1760 = ∞	Transportation charge
1700 = ∞	Director's transportation
<hr/> 3460 = ∞	

Received  
Sadashiv  
17/12/19

4> Narendra (PRO)

637 = ∞ Banner

Google pay → 87 227 04495

5> Veerendrakumar

2500 = ∞ water bill →

6> Santosh S Nayak

510  
35  
70  

---

615 = ∞

} Sent via Google pay  
9535623318

Amount received from FO is  
12349 = ∞ on 17/12/19

### Amount paid

2622 = ∞  
2515 = ∞  
3460 = ∞  
637 = ∞  
2500 = ∞  
615 = ∞  

---

12,349 = ∞



Payment details for International Conference iCOLD2019

Richard Pinto <rpinto1942@gmail.com>  
to Shantharam, Shantharam, Principalalet, me

Tue, Jun 18, 2019, 4:09 PM

Dear Sir,

The Departments of Electronics and Communication and Mechanical Engineering of Alva's Institute of Engineering and Technology (AIET) will be organizing the International Conference on 'Laser Deposition: Nanostructures, Hetero-structures and 2D layers' (iCOLD-2019) in association with Indian Institute of Technology Madras (IITM) during 27 – 29 November 2019. This conference has been approved by Principal and Vivek Sir.

Attached is the conference flyer; The conference website is: <http://aiet.org.in/icold.html>. Almost all the pages have been constructed and being implemented by system administrator.

Since we need to give payment details we have mentioned the following account details for receiving payments through NEFT and Demand Draft.

**Payment**

**Payment**

**By NEFT: Account No: Account Number: 0416338000000028**

**IFSC: LAVB0000416**

**Address of the Bank: Lakshmi Vilas Bank Ltd.**

**Mudbidri, PIN 575227**

**By Demand Draft No....., date..... (in favor of ALVA'S EDUCATION FOUNDATION' MOODBIDRI)**

The above account was given by you to Dr. Jayaram when he applied for the RPS project of AICTE. Since the project is not likely to come, we thought we can use it for iCOLD 2019 conference account.

Please let us know whether this is ok.

Thanks and regards,

Dr. Richard Pinto  
Organizing Chair,  
iCOLD2019

Payment details for International x

mail.google.com/mail/u/0/?tab=rm&ogbl#search/finance%40alvas.org/FMfcgxwChJqgggkPJNGPTBzMHGFDDNv

Gmail Search mail

44 of many

**Shantharam Kamath** <finance@alvas.org> Wed, Jun 19, 2019, 6:01 PM ☆ ↶ ⋮  
to Richard, Shantharam, Principalalet, me ▾


Dear Sir,

Please suggest if you want separate account for the said conference so that the event will be correctly bifurcated and same can be closed after the completion of the event.  
Please confirm whether we should open the said account specifically for the conference.

\*\*\*

--

Thanks & Regards,  
Shantharam G Kamath  
Finance Officer,  
ALVAS EDUCATION FOUNDATION  
+919379426826



Payment details for International x

mail.google.com/mail/u/0/?tab=rm&ogbl#search/finance%40alvas.org/FMfcgxwChJqgggkPJNGPTBzMHGFDDNv

Gmail Search mail

44 of many

**Richard Pinto** <rpinto1942@gmail.com> Thu, Jun 20, 2019, 9:25 AM ☆ ↶ ⋮  
to Shantharam, Shantharam, Principalalet, me ▾

Dear sir,

Yes, it will be good if a separate Savings Account is opened for the conference.  
Hence, pl. open an account for iCOLD 2019 and send the details so that we can display them in the conference website under "Payment Options".

Regards  
Richard Pinto

\*\*\*

**Shantharam Kamath** <finance@alvas.org> Mon, Jun 24, 2019, 5:49 PM ☆ ↶ ⋮  
to ACCOUNTS, Richard, Principalalet, me ▾

Nayak,

Process the new account by tomorrow day end and share the details with the Concerned coordinator for the further process.

\*\*\*

**Richard Pinto** <rpinto1942@gmail.com> Tue, Jun 25, 2019, 3:04 PM ☆ ↶ ⋮  
to accounts, Principalalet, me, Shantharam ▾

44 of many

**Richard Pinto** <rpinto1942@gmail.com>  
to accounts, Principalaiet, me, Shantharam ▾

 Tue, Jun 25, 2019, 3:04 PM

Dear Mr. Nayak,  
Please open a savings account for the International Conference ICOLD 2019.  
This conference has been approved and the final flyer is attached here for your perusal.

Regards





ORIGINAL FOR RECIPIENT



editLook

Shanthadurga Complex, Opp. SBI Regional Office, Shiribeedu, Udupi  
UDUPI, Karnataka 576101 IN  
8904045319  
editlookudupi@gmail.com  
GSTIN: 29CVVPS3913C1Z3

**Tax Invoice 769**

INVOICE TO  
iCOLD 1019, AIET  
Alvas Education Foundation,  
Shobhavana Campus, Mijar,  
Moodbidri - 574 225,  
Mangalore, D.K.

SHIP TO  
iCOLD 1019, AIET  
Alvas Education Foundation,  
Shobhavana Campus, Mijar,  
Moodbidri - 574 225, Mangalore,  
D.K.

PLACE OF SUPPLY  
29 - Karnataka

DATE  
26/11/2019

PLEASE PAY  
**₹20,600.00**

DUE DATE  
26/11/2019

NO	HSN/SAC	DATE	ACTIVITY	DESCRIPTION	UNIT	QTY	TAX	RATE	AMOUNT
1		26/11/2019	Book	Laser Deposition		110	1% GST	175.00	19,250.00
2		26/11/2019	Invitation		NOS	300	1% GST	4.50	1,350.00

Company's Bank Detail:

Name : Editlook

A/C No : 841420110000334

Branch : Udupi Branch (Bank of India)

IFSC Code : BKID0008414

MICR Code : 576013002

INCLUDES TAX  
TOTAL

203.96  
20,600.00

TOTAL DUE

**₹20,600.00**

THANK YOU.

*Printe*

*del*  
*2/12/19*

PRINCIPAL  
Alva's Institute of Engg. & Technology,  
Mijar, MOODBIDRI - 574 225, D.K

This is a Computer Generated Invoice

ORIGINAL FOR RECIPIENT

## Tax Invoice 782



**editLook**  
Shanthadurga Complex, Opp. SBI Regional Office, Shiribeedu, Udupi  
UDUPI, Karnataka 576101 IN  
8904045319  
editlookudupi@gmail.com  
GSTIN: 29CVVPS3913C1Z3

**INVOICE TO**

iCOLD 1019, AIET  
Alvas Education Foundation,  
Shobhavana Campus, Mijar,  
Moodbidri - 574 225,  
Mangalore, D.K.

**SHIP TO**

iCOLD 1019, AIET  
Alvas Education Foundation,  
Shobhavana Campus, Mijar,  
Moodbidri - 574 225, Mangalore,  
D.K.

**PLACE OF SUPPLY**

29 - Karnataka

DATE  
02/12/2019

PLEASE PAY  
₹1,280.00

DUE DATE  
02/12/2019

NO	HSN/SAC	DATE	ACTIVITY	DESCRIPTION	UNIT	QTY	TAX	RATE	AMOUNT
1		02/12/2019	Certificate		NOS	128	1% GST	10.00	1,280.00

**Company's Bank Detail:**

Name : Editlook  
A/C No : 841420110000334  
Branch : Udupi Branch (Bank of India)  
IFSC Code : BKID0008414  
MICR Code : 576013002

INCLUDES TAX  
TOTAL

12.67  
1,280.00

TOTAL DUE

₹1,280.00

THANK YOU.

*R. Pinto*

*Acc*  
*11/12/19*

This is a Computer Generated Invoice

PRINCIPAL  
Alva's Institute of Engg. & Technology,  
Mijar, MOODBIDRI - 574 225, D.K.



December 4, 2019

To

The Finance officer

Alva's Education Foundation

Dear Sir,

Subject: Partial settlement of iCOLD2019 bills

Attached here are the bills for partial settlement of iCOLD2019.

- 1) Abstract book and Souvenir : Rs. 20,600/- (Company's Bank Detail:  
Name : Editlook; A/C No : 841420110000334; Branch : Udupi Branch  
(Bank of India); IFSC Code : BKID0008414; MICR Code : 576013002)
- 2) Participant Certificates : Rs. 1280/- (Company's Bank  
Detail: Name : Editlook; A/C No : 841420110000334; Branch : Udupi  
Branch (Bank of India); IFSC Code : BKID0008414; MICR Code :  
576013002)
- 3) Conference kit : Skybags : Rs. 26880/- (Account Holder.....sky bags; Ac  
no...022201979895710501; Bank name and Branch: catholic syrian bank ,  
Hampankatta branch; IFSC.....CSBK0000222)
- 4) Transport bill: Rs. 28800 (Account holder: SANJAY GODBOLE, Acc. No:  
2764101008310, IFSC CNRB0002764)

Please transfer the amounts as per the bank details against each item

Thanks and Regards



Dr. Richard Pinto

Organizing Chair: iCOLD2019

  
Principal

Alva's Institute of Engg. & Technology,  
Mijur, MOODEBURI - 574 225, D.K

GST No. 29ABKFS9040B1Z2

TAX INVOICE  
CASH/CREDIT

Ph: 0824 - 2440716

**SKY BAGS**

Manufacturers &amp; Wholesalers in All Kinds Bags, Belts, Rexins

2nd Floor, Sujirkar Complex, Market Road, Mangalore - 575 001.

To: (International Conference  
ICOP - 2019)

Invoice No. 3157

Date:

25/11/19

Alvas Engineering & Technology  
Moorbidri

Party GST No.

Date:

Sl.No.	RATE	PARTICULARS	HSN Code	QTY.	AMOUNT RS.	PS.
①	240	Conference Bags		100	24000	
Total Tax Amount		2880	Total		24000	
E-Way No.			Less Discount			
			Add CGST	6%	1440	
			ADD SGST	6%	1440	
			ADD IGST			
E. & O.E.			GRAND TOTAL		26880	

Goods once sold will not be taken back or exchanged

Thank you, Visit Again

For SKY BAGS

PRINCIPAL  
Alva's Institute of Engg. & Technology,  
Moor, MOORIBIDRI - 574 225, D.K

Signature



# NIRANJANA TRAVELS

06/20/2019

06/20/2019

Ref.

Date 02/12/19

Immova Rent

4 days x 3000 per day x 13/12 = 15,600.00

- Fifteen thousand and six hundred -  
(Details enclosed)

Ref.

Poohe  
NIRANJANA TRAVELS

Total : 28,800.00

# NIRANJANA TRAVELS

06/20/2019

06/20/2019

Ref.

Date 02/12/19

Swift Dajin Red

4 days x 3000 per day x 11/12 = 13,200.00

- Thirteen thousand and two hundred -  
(Details enclosed)

Poohe  
NIRANJANA TRAVELS  
Total : 28,800.00  
Swift Dajin Red  
02/12/19

**FORM G.F.R. 19 A**  
**UTILIZATION CERTIFICATE**  
 (IN DUPLICATE)

SERB Sanction No: SSY/2019/000946

Date: 11-12-2019

Certified that out of Rs. 100,000/- of grants-in-aid sanctioned during the year 2019 in favour of Alva's Institute of Engineering and Technology vide SERB Sanction No: SSY/2019/000946 dated October 25, 2019, Rs. 100,000/- has been utilized for the purpose of organizing International Conference on Laser Deposition; Nanostructures, Hetero-structures and 2D layers @COLD-2019 for which it was sanctioned and that the balance of Rs. 0.00 remaining unutilized at the end of the event has been surrendered to SERB (Vide Cheque / DD No. NA), dated NA.

2. Also certified that we have satisfied that the conditions on which the grants-in-aid was sanctioned have been fulfilled/are being fulfilled, and to see that the money was actually utilized for the purpose for which it was sanctioned.



Signature of Organizing Chair



Head of the Institution  
Principal  
PRINCIPAL

Alva's Institute of Engg. & Technology  
Majur, MOODBIDRI - 574 225, D.K.

Signature of Accounts /  
Finance Officer  
(with Seal)



NOTE: STATEMENT OF EXPENDITURE AND UTILIZATION CERTIFICATE, SCANNED COPIES, SHOULD BE UPLOADED ONLINE FIRST UP  
 SANCTIONED THROUGH ONLINE PROCESS AND ORIGINALS SHOULD BE SUBMITTED IN YOUR OFFICE IN SHORTEST POSSIBLE TIME.



Satya Narayan &lt;satyan.nitk@gmail.com&gt;

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**Invitation for Key Note - International Conference iCOLD 2019 - 27 – 29 November 2019.**

9 messages

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**Satya Narayan** <satyan.nitk@gmail.com>

Thu, Jun 20, 2019 at 10:57 PM

To: HOKAMOTO &lt;hokamoto@mech.kumamoto-u.ac.jp&gt;

Respected Professor Hokamoto Sir,

Good Morning...

**Greetings from AIET...**

The Departments of Electronics and Communication and **Mechanical Engineering** of Alva's Institute of Engineering and Technology (AIET) will be organizing the *International Conference on 'Laser Deposition: Nanostructures, Hetero-structures and 2D layers'* (iCOLD-2019) in association with *Indian Institute of Technology Madras (IITM)* during **27 – 29 November 2019**.

In this regard, I kindly request and invite you as a **Key Note Speaker** for our International Conference iCOLD-2019.

Kindly find the attached is the conference flyer (*website: <http://aiet.org.in/icold.html>*)

Kindly accept our request.

Thanking you,

Yours sincerely,

**Dr. Satyanarayan**

Associate Professor, Dept.of Mechanical Engineering  
Alva's Institute of Engineering and Technology (AIET)  
Shobhavana Campus, Mijar - 574 225 Moodbidri  
Mangalore, D.K District, Karnataka, India  
Mobile [+91-9964810960](tel:+91-9964810960)

**iCOLD2019 Flyer.pdf**

301K

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**HOKAMOTO K** <hokamoto@mech.kumamoto-u.ac.jp>

Fri, Jun 21, 2019 at 4:32 AM

To: Satya Narayan &lt;satyan.nitk@gmail.com&gt;

Cc: hokamoto@mech.kumamoto-u.ac.jp

Dear Dr. Satyanarayan,



I understand that you will organize an International symposium and requested me to play a role of Keynote Lecturer. I am slightly worrying because of the title of the symposium mainly focused on Laser Deposition, electrical engineering field. I think I only can demonstrate the synthesis of nano-powders through underwater explosion and related issues. Most of them are electrical metal wire explosion and detonation of an explosive including the synthesis of graphene based on the help of Gao Xin, Only one study was made by our group, synthesis of TiO<sub>2</sub> in underwater explosion using laser abrasion. Can you accept such different talk?

Besides, it is not a serious matter to cover the cost by my side but I would like to make sure about the support for flight and staying expenses. I prefer to stay at a hotel even by paying the cost for WiFi and others. Also, should make sure the connecting flight time.

With best regards,

Kazuyuki Hokamoto

[Quoted text hidden]

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**Satya Narayan** <satyan.nitk@gmail.com>  
To: HOKAMOTO K <hokamoto@mech.kumamoto-u.ac.jp>

Fri, Jun 21, 2019 at 4:08 PM

Respected Prof. Hokamoto Sir,

Thank you for your email. I discussed with **Dr. Richard Pinto, Convener** (*Professor, Dept. of Electronics and Communications Engg*), *Organizing Committee Chair* and **Dr. Jayarama A, Co-convener** (*Dept. of Engg Physics*), about your topic “**Synthesis of TiO<sub>2</sub> in underwater explosion using laser abrasion**”. **Both Professors said topic is fine.**

However, due to limited financial issues it is very difficult to support flight fare from the conference committee. But, we will take care of your accommodation facility by booking a good hotel with wifi facility. **Also registration fee is waived.** Even we will take care of your transportation facility from airport to hotel including sightseeing.

I believe that you can you accept our request.

Thanking you,  
Yours sincerely,  
**Satyanarayan**

[Quoted text hidden]

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**HOKAMOTO K** <hokamoto@mech.kumamoto-u.ac.jp>  
To: Satya Narayan <satyan.nitk@gmail.com>

Fri, Jun 21, 2019 at 5:29 PM

Dear Dr. Satyanarayan,

Thank you for your clarification and I understand the condition. Basically, I am positive on the invitation this time. Still, there are two issues I would like to make sure.

1. Does your side prefer limited topic on the “Synthesis of TiO<sub>2</sub> in underwater explosion using laser abrasion”? I will be able to add more talking also on the underwater explosion by other energetic sources such as explosive and electrical metal wire explosion. If your side is not serious on the topic, I prefer the talk on the presentation whole covered. It is up to your side. You don't have to have serious discussions, just give me your feeling please.
2. It is slightly difficult to find flights available. Expedia did not show any. I got some through some sites but includes LCC. I think Cathay will be able to give moderate cost flights but I could not find yet.

I will be checking available flights during this weekend. Hope to have a nice weekend!

[Quoted text hidden]

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**Satya Narayan** <satyan.nitk@gmail.com>  
To: HOKAMOTO K <hokamoto@mech.kumamoto-u.ac.jp>

Sun, Jun 23, 2019 at 12:17 AM


Respected Sir,

Thank you for your mail. I thank you so much for accepting our request and invitation. I will mail you the official invitation letter at the earliest.

1. About your question on title of the topic, once again I had discussion with Dr. Pinto, he expressed that topic is novel and interesting. As per my view, topic *Synthesis of TiO<sub>2</sub> in underwater explosion using laser abrasion* matches to the theme of the conference and also I request you that you can talk more on underwater explosion by other energetic sources such as explosive and electrical metal wire explosion. Absolutely, there is no problem from our side sir.
2. Regarding flight, I will suggest the following flights, I hope details are convenient to you sir. Please find the attached flight details in word format too. Sir, I feel its very difficult to get direct connecting flights from Fukuoka to Mangalore. I suggest you that please book the flight from Fukuoka to Bangalore (Cathay Specific) and separately from Banaglore to Mangalore (Indigo).

FUK-BLR

BLR-FUK

 **Cathay Pacific, CX-5381** (Economy)  
Operated by Cathay Dragon, Airbus A330-300



<b>Fukuoka (FUK)</b> <b>16:35</b> Mon, 25 Nov 2019 Itazuke T-I	⌚ 4h 05m   Non Stop Free Meal	<b>Hong Kong (H...</b> <b>19:40</b> Mon, 25 Nov 2019 Hong Kong T-1
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Change plane at **Hong Kong (HKG)**, Connecting Time: **1h 05m**

 **Cathay Dragon, KA-154** (Economy)  
Airbus A330-300



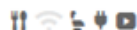
<b>Hong Kong (HKG)</b> <b>20:45</b> Mon, 25 Nov 2019 Hong Kong T-1	⌚ 6h 15m   Non Stop Free Meal	<b>Bangalore (BL...</b> <b>00:30</b> Tue, 26 Nov 2019 Bengaluru
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Passenger of all Nationalities are advised to confirm with respective embassies for all visa requirements. This communication is for informational & general purposes only & Yatra assumes no responsibility, legal or otherwise, of its applicability & accuracy.

FUK-BLR

BLR-FUK

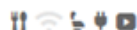
 **Cathay Pacific, CX-5153** (Economy)  
Operated by Cathay Dragon, Airbus A330-300



<b>Bangalore (BLR)</b> <b>01:30</b> Sat, 30 Nov 2019 Bengaluru	⌚ 5h 25m   Non Stop Free Meal	<b>Hong Kong (H...</b> <b>09:25</b> Sat, 30 Nov 2019 Hong Kong T-1
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Change plane at **Hong Kong (HKG)**, Connecting Time: **1h 40m**

 **Cathay Pacific, CX-5380** (Economy)  
Operated by Cathay Dragon, Airbus A330-300



<b>Hong Kong (HKG)</b> <b>11:05</b> Sat, 30 Nov 2019 Hong Kong T-1	⌚ 3h 20m   Non Stop Free Meal	<b>Fukuoka (FUK)</b> <b>15:25</b> Sat, 30 Nov 2019 Itazuke T-I
---	----------------------------------	---

Passenger of all Nationalities are advised to confirm with respective embassies for all visa requirements. This communication is for informational & general purposes only & Yatra assumes no responsibility, legal or otherwise, of its applicability & accuracy.



**Flight Details** ✕

**Bangalore → Mangalore**  
Tue, 26 Nov | 0h 55m | Non Stop ₹ 2,488  
(Per Adult)

**ITINERARY** FARE SUMMARY & RULES

DEPARTURE

IndiGo, 6E - 902  
Operated by IndiGo  
Airbus A320-100

Bangalore (BLR)  
Tue, 26 Nov,  
06:15  
Bengaluru - T-1

0h 55m | Non Stop | Paid Meal

Economy Class | Partially Refundable | 15 Kgs

Mangalore (IXE)  
Tue, 26 Nov, 07:10  
Bajpe

**Flight Details** ✕

**Mangalore → Bangalore**  
Sat, 30 Nov | 1h 00m | Non Stop ₹ 3,150  
(Per Adult)

**ITINERARY** FARE SUMMARY & RULES

DEPARTURE

IndiGo, 6E - 858  
Operated by IndiGo  
Airbus A320-100

Mangalore (IXE)  
Sat, 30 Nov,  
09:25  
Bajpe

1h 00m | Non Stop | Paid Meal

Economy Class | Partially Refundable | 15 Kgs

Bangalore (BLR)  
Sat, 30 Nov, 10:25  
Bengaluru - T-1

Sir, please let me know if any assistance from my side.

Yours truly,  
**Satyanarayan**

[Quoted text hidden]



**Fukuoka to Bangalore - Flight Details.docx**  
193K

**HOKAMOTO K** <hokamoto@mech.kumamoto-u.ac.jp>  
To: Satya Narayan <satyan.nitk@gmail.com>

Sun, Jun 23, 2019 at 1:35 AM

Dear Dr. Satyanarayan,

Thank you for your reply and I don't have to worry about the topic of my talk now but I know there still is problem on my flights.

The schedule you suggested for returning won't be able to connect because the flight departure time is 01:30AM from Bangalore. I think you are mistaken as 1:30PM.

I also did my search during Saturday and found the following for domestic flights. International segment, the same as you suggested but one day later for my coming to save the days. I don't prefer long days stay and I hope my talk will be made on the 2<sup>nd</sup> or 3<sup>rd</sup> day. Since the ticket is issued separately, the connection is not guaranteed. I prefer to start earlier for my returning flight because I need to responsible for the cost when missed the Cathay flights.

\*Nov 27, 2019 Bangalore 5:25 Mangalore 6:35 IndiGo Rs 2,488

\*Nov 29, 2019 Mangalore 17:40 Bangalore 18:45 Spicejet Rs 7,893

After fixed the date of my visiting, I plan to reserve my flights. But I know we have long enough time.

[Quoted text hidden]

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**Satya Narayan** <satyan.nitk@gmail.com>  
To: HOKAMOTO K <hokamoto@mech.kumamoto-u.ac.jp>

Sun, Jun 23, 2019 at 1:30 PM

Respected Sir,

Thank you for your mail. Sorry from side. Yes Sir, I thought flight time is 1.30pm. So, I suggested 9.25am flight.

Since, you are coming from long distance I would suggest to stay for one more extra day. If possible you can leave on **December 1 (1.30am, Sunday)**.

There is a same flight

\*Nov 30, 2019 Mangalore (17:40) to Bangalore (18:45) Spicejet Rs 7,893.

Yes Sir, we have long time. Request you to reserve the flights. At the earliest we are releasing final flyer.

Once again thank you so much sir.

Yours truly,  
**Satyanarayan**

[Quoted text hidden]

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**HOKAMOTO K** <hokamoto@mech.kumamoto-u.ac.jp>  
To: Satya Narayan <satyan.nitk@gmail.com>

Mon, Jun 24, 2019 at 3:02 AM

Dear Dr. Satyanarayan,

Thank you for your e-mail. Since I have another business trip in the next week, so, I prefer my schedule coming to Mangalore early in the morning on 27<sup>th</sup> and start my returning trip on 29<sup>th</sup> evening. I am sure it is best for me. Kindly reserve my hotel with WIFI for two nights. I became very busy. Thank you for your help.

With best regards,

Kazuyuki Hokamoto

[Quoted text hidden]

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**Satya Narayan** <satyan.nitk@gmail.com>  
To: HOKAMOTO K <hokamoto@mech.kumamoto-u.ac.jp>

Mon, Jun 24, 2019 at 10:40 AM

Respected Sir,

Thank you for your email. I understand the same. Sure Sir, I will reserve the hotel for two days with WiFi facility. For further updates, I will be in touch with you sir.

Thanking you,  
Yours truly,  
**Satyanarayan**

[Quoted text hidden]





Satya Narayan &lt;satyan.nitk@gmail.com&gt;

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**about Invitation for Plemary Talk - International Conference iCOLD 2019, from TORII**

2 messages

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**torii** <torii@mech.kumamoto-u.ac.jp>  
To: Satya Narayan <satyan.nitk@gmail.com>  
Cc: torii@mech.kumamoto-u.ac.jp

Sat, Jun 22, 2019 at 7:27 AM

Dear Professor Dr. Satya Narayan:

Thank you for your e-mail and the attached file.  
It is so great !  
It is my great honor to be invited as a Key note Speaker for iCOLD-2019.

I am looking forward to seeing you in India soon.

Best Regards,

From TORII

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From: Satya Narayan [mailto:[satyan.nitk@gmail.com](mailto:satyan.nitk@gmail.com)]  
Sent: Friday, June 21, 2019 2:39 AM  
To: TORII  
Subject: Invitation for Plemary Talk - International Conference iCOLD 2019 - 27 – 29 November 2019.

Respected Professor Torii Sir,

Good Morning...

Greetings from AIET...

I trust this e-mail reaches you well.

I am glad to inform you that, the Departments of Electronics and Communication and Mechanical Engineering of Alva's Institute of Engineering and Technology (AIET) will be organizing the International Conference on 'Laser Deposition: Nanostructures, Hetero-structures and 2D layers' (iCOLD-2019) in association with Indian Institute of Technology Madras (IITM) during 27 – 29 November 2019.

In this regard, I kindly request and invite you as a Key note Speaker for our International Conference iCOLD-2019.

Kindly find the attached is the conference flyer (website: <http://aiet.org.in/icold.html>)

Kindly accept our request.

Thanking you,

Yours sincerely,

Dr. Satyanarayan

Treasurer-iCOLD 2019.

Associate Professor, Dept.of Mechanical Engineering

Alva's Institute of Engineering and Technology (AIET)

Shobhavana Campus, Mijar - 574 225 Moodbidri

Mangalore, D.K District, Karnataka, India

Mobile +91-9964810960

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**Satya Narayan** <satyan.nitk@gmail.com>  
To: torii <torii@mech.kumamoto-u.ac.jp>

Sun, Jun 23, 2019 at 12:20 AM

Respected Professor Torii Sir,

Good Morning...

Thank you for your mail. I thank you so much for accepting our request and invitation. I will mail you the official invitation letter at the earliest.

In case any assistance is needed please do let me know sir. Once again, thank you very much sir.

Yours truly,  
Satyanarayan

[Quoted text hidden]

## Fwd: iCOLD2019: Submission of full length Manuscripts

From: INTERNATIONAL CONFERENCE iCOLD 2019 (icold2019@aiet.org.in)

To: satyan.nitk@gmail.com; satyaa.nitk@yahoo.com

Date: Monday, March 16, 2020, 09:14 PM GMT+5:30

----- Forwarded message -----

From: **INTERNATIONAL CONFERENCE iCOLD 2019** <[icold2019@aiet.org.in](mailto:icold2019@aiet.org.in)>

Date: Wed, Dec 11, 2019, 1:21 PM

Subject: iCOLD2019: Submission of full length Manuscripts

To: Mr.Raghvendra Bairy NMAMIT Physics <[rbairy@nitte.edu.in](mailto:rbairy@nitte.edu.in)>, Dr. Bikas C. Das <[bikas@iiservm.ac.in](mailto:bikas@iiservm.ac.in)>, Mkj Mkj <[mkj@cusat.ac.in](mailto:mkj@cusat.ac.in)>, Maneesh Chandran <[maneesh@nitc.ac.in](mailto:maneesh@nitc.ac.in)>, Nilesh Jayantilal Vasa <[njvasa@iitm.ac.in](mailto:njvasa@iitm.ac.in)>, Dr.Manjunatha Pattabi <[manjupattabi@yahoo.com](mailto:manjupattabi@yahoo.com)>, Lakshmi Ganapathi K <[klganapathi@iitm.ac.in](mailto:klganapathi@iitm.ac.in)>, Ranjith Ramadurai <[ranjith@iith.ac.in](mailto:ranjith@iith.ac.in)>, Bhallamudi Vidya Praveen <[praveen.bhallamudi@iitm.ac.in](mailto:praveen.bhallamudi@iitm.ac.in)>, Satya Narayan <[satyan.nitk@gmail.com](mailto:satyan.nitk@gmail.com)>, Wilfrid PRELLIER <[wilfrid.prellier@ensicaen.fr](mailto:wilfrid.prellier@ensicaen.fr)>, Ramachandra Rao MS <[msrrao@iitm.ac.in](mailto:msrrao@iitm.ac.in)>, Kamalabharathi K <[kamalabk@srmist.edu.in](mailto:kamalabk@srmist.edu.in)>, Senthilkumar E <[senthile2@srmist.edu.in](mailto:senthile2@srmist.edu.in)>, Rajalekshmi TR <[tr.rajalekshmi@gmail.com](mailto:tr.rajalekshmi@gmail.com)>, Dhruba Das <[dhruba2591@gmail.com](mailto:dhruba2591@gmail.com)>, Bibekananda Das <[bibekanandadas404@gmail.com](mailto:bibekanandadas404@gmail.com)>, Anna Thomas <[annamol21aug@gmail.com](mailto:annamol21aug@gmail.com)>, Juvaid Olavattur <[juvu4u@gmail.com](mailto:juvu4u@gmail.com)>, Anubhab Sahoo <[anubhabphy@gmail.com](mailto:anubhabphy@gmail.com)>, udaya devadiga <[udaya140213@gmail.com](mailto:udaya140213@gmail.com)>, Sreejith P.K <[sreejithpk@gmail.com](mailto:sreejithpk@gmail.com)>, Amith V <[amithrvce4@gmail.com](mailto:amithrvce4@gmail.com)>, Pritirose Augustine <[pritiroseaugustine@gmail.com](mailto:pritiroseaugustine@gmail.com)>, Mahadevreddy kudge <[mreddykudge04@gmail.com](mailto:mreddykudge04@gmail.com)>, vijayalaxmi H M <[burukule@gmail.com](mailto:burukule@gmail.com)>, Ms. Charishma NMAMIT - E & C <[shettycharishma@nitte.edu.in](mailto:shettycharishma@nitte.edu.in)>, <[vijeeshv@nitte.edu.in](mailto:vijeeshv@nitte.edu.in)>, <[sanjay.sjce@gmail.com](mailto:sanjay.sjce@gmail.com)>, jayaram bhat <[jmb.bhat@gmail.com](mailto:jmb.bhat@gmail.com)>, Rahul Rajesh <[rahulrajesh276@gmail.com](mailto:rahulrajesh276@gmail.com)>, LEt OuT <[srushtis160@gmail.com](mailto:srushtis160@gmail.com)>, NIDHI NAVEEN <[atharman285@gmail.com](mailto:atharman285@gmail.com)>, Banuprakash M <[banuprakashmp@gmail.com](mailto:banuprakashmp@gmail.com)>, dayanand gk <[dayanand.gk@gmail.com](mailto:dayanand.gk@gmail.com)>, Narayana Yerol <[narayanayerol@gmail.com](mailto:narayanayerol@gmail.com)>, <[vinuthapr@gmail.com](mailto:vinuthapr@gmail.com)>, Sadashiv Bellubbi <[sadashiv@aiet.org.in](mailto:sadashiv@aiet.org.in)>, Gajanan M Naik <[gajamnaik@gmail.com](mailto:gajamnaik@gmail.com)>, Laxminarayana Kamath <[lnkkamath@gmail.com](mailto:lnkkamath@gmail.com)>, sreya suresh <[sreyas008@gmail.com](mailto:sreyas008@gmail.com)>, Geetha gowda <[geethagowda432@gmail.com](mailto:geethagowda432@gmail.com)>, Radhika Moger <[radhikamoger610@gmail.com](mailto:radhikamoger610@gmail.com)>, Mohammed Shiyas <[msmshiyasm786@gmail.com](mailto:msmshiyasm786@gmail.com)>, chaithanya jain <[chaithu0211@gmail.com](mailto:chaithu0211@gmail.com)>, Sudarshan k rao <[sudarshan.kr11@gmail.com](mailto:sudarshan.kr11@gmail.com)>, Sunil Kumar M <[sunilptur404@gmail.com](mailto:sunilptur404@gmail.com)>, Gopal Krishna UB <[gopalkrishnaub@gmail.com](mailto:gopalkrishnaub@gmail.com)>, Gurushanth B Vaggar <[gvgr.aiet@gmail.com](mailto:gvgr.aiet@gmail.com)>, Pramod Badyankal <[pramodvab@gmail.com](mailto:pramodvab@gmail.com)>, kumar swamy Mc <[raghu.mck@gmail.com](mailto:raghu.mck@gmail.com)>, <[kvs\\_a@yahoo.com](mailto:kvs_a@yahoo.com)>, Sandesh Kumar <[sandeshkumarrai@gmail.com](mailto:sandeshkumarrai@gmail.com)>, yashwanth yashu <[usernameisyashwanth@gmail.com](mailto:usernameisyashwanth@gmail.com)>, prerana hs <[hsprerana2000@gmail.com](mailto:hsprerana2000@gmail.com)>, Anusha Anusha <[anusha123497@gmail.com](mailto:anusha123497@gmail.com)>, Vijaykumar H K <[hkvkmech@gmail.com](mailto:hkvkmech@gmail.com)>, <[arjunsr92@gmail.com](mailto:arjunsr92@gmail.com)>, <[rashmi.kr.988@gmail.com](mailto:rashmi.kr.988@gmail.com)>, <[praveenj\\_vishruth@yahoo.in](mailto:praveenj_vishruth@yahoo.in)>, Soumen Pradhan <[spradhan.ph@gmail.com](mailto:spradhan.ph@gmail.com)>, Hithesh Raj <[hitheshraj.98@gmail.com](mailto:hitheshraj.98@gmail.com)>, Rakesh pawar <[rakeshpawar1717@gmail.com](mailto:rakeshpawar1717@gmail.com)>, Nanda Kishore <[nandakishore4445@gmail.com](mailto:nandakishore4445@gmail.com)>, jyothi john <[jyothijohn89@gmail.com](mailto:jyothijohn89@gmail.com)>, Jayarama A <[jrmarasalike@gmail.com](mailto:jrmarasalike@gmail.com)>

Dear Colleagues,

Greetings from Alva's Institute of Engineering and Technology, Moodbidri

First of all, on behalf of the organizing committee, I thank all the participants of International conference iCOLD-2019 for the successful organization of the conference.

As I requested during the conference, I take this opportunity to request you again to submit manuscripts on or before December 20, 2019.

As you are aware, we are planning to publish the manuscripts in "Materials Today: Proceedings" which is a Scopus Indexed journal by Elsevier.



We wish to inform you the following for the preparation and submission of full length paper to iCOLD-2019:

Authors are requested to login directly into the site at <https://ees.elsevier.com/matpr/default.asp> and upload the manuscript files under “Submit new manuscripts” under ‘iCOLD-2019’.

Please adhere to the following the instructions provided on the screen

<https://www.elsevier.com/journals/materials-today-proceedings/2214-7853/guide-for-authors>

Selected, Peer reviewed papers meeting the standards of iCOLD-2019 will be published in the Special issue of the journal planned in January/ February 2020.

**Manuscripts not meeting the above mentioned requirements maynot be accepted**

Attached are 1) Template for paper preparation and 2) Instructions to write papers

Thanks and Regards  
Richard Pinto  
Chair, iCOLD-2019



Guide for authors - Materials Today\_ Proceedings - ISSN 2214-7853.pdf  
1.1MB



MATPR\_EES\_template.docx  
3.3MB

## Invitation and support for International Conference iCOLD 2019

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From: INTERNATIONAL CONFERENCE iCOLD 2019 (icold2019@aiet.org.in)

To: luigi.bonacina@unige.ch; nadine.vogler@uni-jena.de; jcchang@unimicron.com; francesco.mauri@uniroma1.it; psp\_phy@unishivaji.ac.in; bouchta.sahraoui@univ-angers.fr; dominique.dumas@univ-lorraine.fr; yann.legrand@univ-rennes1.fr2; hua\_liu@uow.edu.au; shulei@uow.edu.au; hbhat@usc.edu; d.shetty@utah.edu; pierre-emmanuel.gaillardon@utah.edu; dmsira2@utep.edu; les@volt.uchc.edu; vc@vtu.ac; faculty@vtu.ac.in; library@vtu.ac.in; phd@vtu.ac.in; prexam@vtu.ac.in; re@vtu.ac.in; registrar@vtu.ac.in; research@vtu.ac.in; dan.oron@weizmann.ac.il; pcampagnola@wisc.edu; feng.zhao@wsu.edu; basavaraju\_b@yahoo.co.in; jrmarasalike@yahoo.co.in; kvr\_nitw@yahoo.co.in; rktshri@yahoo.co.in; sbkjrf@yahoo.co.in; shobha\_ramdas@yahoo.co.in; surmadathil@yahoo.co.in; vivek\_alva@yahoo.co.in; kwanwl@yahoo.co.jp; poonam\_tandon@yahoo.co.uk; acbose007@yahoo.com; alirakshani@yahoo.com; amruthamuraleedharan@yahoo.com; amruthamuralidharan@yahoo.com; arathi\_av@yahoo.com; faheema3375@yahoo.com; jayadevags@yahoo.com; kfc\_order@yahoo.com; kvs\_a@yahoo.com; narayanay@yahoo.com; patilps\_2000@yahoo.com; s1\_myneni@yahoo.com; satyaa.nitk@yahoo.com; shettigarseetharam@yahoo.com; sid\_duttagupta@yahoo.com; smdharma@yahoo.com; sumajk72@yahoo.com; surya\_nekkare@yahoo.com; swami78@yahoo.com; vcsiddakatte@yahoo.com; Vpv222@yahoo.com; aida\_salah2@yahoo.fr; aida-salah2@yahoo.fr; arathi\_av@yahoo.in; praveenj\_vishruth@yahoo.in; priyankapooklath@yahoo.in; sasidharansu@yahoo.in; tmc.faheem@yahoo.in; fjkao@ym.edu.tw; binary\_group@ynao.ac.cn; hjk3@yonsei.ac.kr

Date: Wednesday, July 17, 2019, 11:00 AM GMT+5:30

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Dear Sir/madam

Greetings from Alva's Institute of Engineering and Technology (AIET)

AIET is organizing International Conference on Laser Deposition ( iCOLD 2019) in association with IIT Madras during November 27 – 29, 2019.

This conference aims to review the advancement in nanostructures, hetero-structures and 2D layers from physics and technology points of view. Laser aided Deposition techniques and Atomic Layer Deposition are the key techniques enabling researchers in the realization of device quality thin films, heterostructures and multi-layers. The scope includes a variety of materials such as semiconductors, superconductors, ferroelectrics, multi-ferroics, polymers, nano-materials, organic materials, photonic materials, 2D systems, computational aspects, surface coatings, bio-medical coatings and also novel technologies for very low frequency vibration sensors and energy harvesters, proton exchange membrane fuel cells and other advanced devices.

As a scientist who has contributed significantly in some of the above mentioned areas, the organizing committee feels that we will be greatly honored with your participation in the conference. I would therefore like to take this opportunity to invite you to participate in the conference.

Selected papers will be published in Scopus indexed journal. For more details please login <http://aiet.org.in/icold.html>

A Conference souvenir will be released during the inaugural session of iCOLD 2019. Companies and Industries are invited to advertise their products/services and give impetus to

the conference. The souvenir will be provided to all delegates. The conference souvenir will consist of:-

- o Message by dignitaries
- o Abstracts of plenary/invited talks and contributed papers
- o Conference program
- o Advertisements etc.

We request you to support the conference by providing advertisement. The advertisement rates are as follows:

#### **Conference Souvenir Advertisement Rates**

- Back cover: Rs. 1,00,000
- Front inside cover: Rs. 30,000
- Back inside cover Rs. 30,000
- Full page: Rs. 20,000
- Half page: Rs. 10,000
- Conference kit (File, Pad, Pen etc.) : Rs. 50,000

Companies sponsoring ads valued above Rs.20,000/- will be provided with table space for exhibiting their products and complimentary registration for two delegates.

For more information Please see the attached iCOLD 2019 flye and visit <http://aiet.org.in/icold.html>

We are looking forward to hearing from you.

With warm regards,

Convener/ Conference Chair - iCOLD 2019  
Alva's Institute of Engineering and Technology  
Shobhavana Campus, Moodbidri  
D.K District, Karnataka State, INDIA  
Ph: +919892818760, 9611945201



iCOLD2019 Flyer.pdf  
300.9kB



# **International Conference on Laser Deposition: Nanostructures, Heterostructures and 2D layers (iCOLD-2019)**

## **A Brief Report**

An International Conference on Laser Deposition: Nanostructures, Heterostructures and 2D layers (iCOLD-2019) was held during November 27-29, 2019 at Alva's Institute of Engineering and Technology (AIET), Moodbidri. This conference was organized by Departments of Electronics & Communication Engineering and Mechanical Engineering of AIET in association with Indian Institute of Technology, Madras.

The Conference was inaugurated by Chief Guest Dr. Karanam Uma Maheshwar Rao, Director, NITK Surathkal at 9.30 AM on November 27, 2019; The inaugural program was graced by guests Dr. Burkhard Fechner, Coherent, Germany and Dr.

M. S. Ramachandra Rao, IIT Madras. Sri. Vivek Alva, Managing Trustee; Dr. Richard Pinto, Conference-chair and Dr. Peter Fernandes, Principal, AIET were present during the inaugural session. The Abstract/Souvenir book was released during the inaugural function.

The Chief-guest delivered the inaugural keynote and conference session began with a second keynote by Dr. W. Prellier, CNRS UMR, France. The conference had scientific and technical sessions during November 27-29, 2019. There were 4 keynotes, 3 plenary talks and 22 invited lectures by renowned scientists from international institutes/companies such as CNRS UMR, France, Kumamoto University-Japan, Coherent-Germany and central institutes like IIT Madras, IIT Delhi, IIT Hyderabad, IISER-Pune, CUSAT-Cochin, IISER-Trivandrum, DIAT- Pune, NIT Calicut and NITK Surathkal. There were more than 70 research papers by researchers from all over the world.

This conference reviewed the advancements in nanostructures, heterostructures and 2D layers from physics and technology points of view. Laser

aided Deposition techniques and Atomic Layer Deposition are the key techniques enabling researchers in the realization of device quality thin films, heterostructures and multi-layers. The scope included a variety of materials such as semiconductors, superconductors, ferroelectrics, polymers, nano-materials, organic materials, photonic materials, 2D systems and also novel technologies for very low frequency vibration sensors. There was an important session on energy which covered energy harvesters, proton exchange membrane fuel cells including advances in hydrogen fuel cells and other advanced devices.

The conference comprised plenary and invited talks, oral, poster presentations along with 2 industry talks. There was an exhibition of novel devices such as hydrogen fuel cells, methanol fuel cells, low frequency vibration sensors, gas sensors etc. There was a cultural program on 28-11-2019 evening by students of Alva's Education Foundation. The conference ended with a panel discussion with the theme 'Relevance of R & D in Engineering Education'. The feedback from the delegates rated the conference 'good to excellent'. Further it may be added that this international conference has provided a platform, both for specialists and research students, to present their latest results in the areas of novel materials and technologies and also to enhance R&D effort at AIET. The conference proceedings will be published in Elsevier journal 'Materials Today- Proceedings'. This conference was supported by M/s Laser Science Services (I) Pvt. Ltd., Mumbai (platinum sponsors), DST- Science and Engineering Research Board and Canara Bank Moodbidri. AIET has provided all infrastructural support for the organization of the conference including guest house accommodation for some participants, partial transportation and Seminar hall/auditorium services along with sponsoring cultural program.

**Photographs Section:** Please paste high resolution photographs in given spaces below or may be submitted directly on online / email in JPEG format.

**INAUGURAL SESSION:**





## INVITED TALKS



## POSTER SESSION



## Cultural Program



## Group Photos

