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# BICON-2014



## The 9<sup>th</sup> Indo Japan Bilateral Conference

### Oct 12-17, 2014 · Jaipur, India

**VENUE :**

**UTSAV AUDITORIUM, BIYANI GIRLS COLLEGE,  
VIDHYADHAR NAGAR, JAIPUR (INDIA)**



*Organised & Sponsored by*  
Biyani Group of Colleges, India



*Co-Organised & Supported by*  
Japan Advanced Institute of Science and Technology, Japan



Our Potential Participants,

With an objective of encouraging the spirit of research and innovations and to sow the seed for the promotions of Indo-Japan bilateral academic/research collaborations, the **Biyani Group of Colleges (BGC)** in collaboration with **Japan Advanced Institute of Science and Technology (JAIST)** feels proud to host the 9<sup>th</sup> Biyani's International Conference (BICON 2014) which encompasses of five annual co-located symposiums, each specialized in their domains, specific knowledge areas, comprising (i) Science and Engineering, (ii) Information Technology, (iii) Commerce and Management, (iv) Social Science and (v) Education.

This six-day event, consists of total 12 plenary presentations (2 daily) from leading figures from their specialised fields and total 15 technical sessions, containing 30 invited talks and 30 young researchers talk selected from rigorously refereed submitted papers. There will also be poster presentations, panel discussions and commercial exhibits. As a special feature, this event will serve a platform for young students/scientists to have face-to-face interaction and grasp future career opportunities for the distinctive institutes in India (IITs, IIMs) and Japan (JAIST).

BICON2014 fields delighted to welcome you all in this promising, knowledge ushering event. We very much look forward your active participation into a personally and professionally satisfying meeting in the historical, and cultural pink-city–Jaipur. Do enjoy and don't forget to join us on Oct 12-17 for BICON2014!

With very best regards,



**Manish Biyani**  
Conference Organizing Chair  
Res Director,  
Biyani Group of Colleges  
Res Asso Professor, JAIST



**Yuzuru Takamura**  
Conference Organizing Co-Chair  
Advisor,  
Biyani Group of Colleges  
Professor, JAIST

### Day 1 (Oct 12, Sun) 11:00 ~ 14:00 hrs. : Inauguration and Welcome Reception

#### Chief Patrons:



**H.E. Ms Deepa Gopalan Wadhwa**,  
The Ambassador of India to Japan  
(on request)



**H.E. Mr. Takeshi Yagi**,  
The Ambassador of Japan to India  
(on request)



**Dr. Chadaram Sivaji**,  
Counselor, Science & Technology  
Embassy of Japan in Tokyo



**Dr. K. Vijay Raghavan**,  
Secretary, Dept of Biotech., India  
(on request)

#### Presidential Message:



**Hiroki Yamaguchi**,  
President,  
Saitama University, Japan



**Atsushi Koma**,  
President, Akita Prefectural  
University, Japan



**Tetsuo Asano**,  
President,  
JAIST, Japan



**Rajeev Biyani**  
President  
Biyani Group of Colleges, India



### Day 2 (Oct 13, Mon) 08:30 ~ 18:00 hrs. Advanced Material Science and Engineering

#### Plenary Speakers:



**Tatsuya Shimoda**  
Prof, School of Materials Science,  
JAIST, Japan



**Neeraj Khare**  
Prof, Dept of Physics,  
IIT-Delhi, India

#### Invited Speakers:

##### Synthesis and processing of smart materials



**Kohki Ebitani**  
Prof & Vice-dean, School of  
Materials Science, JAIST, Japan



**Anil Kumar**  
Prof & Head, Dept. of Chemistry,  
IIT-Roorkee, India

2 Young researcher selected talks

##### Bio-inspired new materials for Healthcare



**Yuzuru Takamura**  
Prof, School of Materials Science,  
JAIST, Japan



**Amit Mishra**  
Asst Prof, Cellular and Molecular  
Neurobiology Unit, IIT-Jodhpur, India

2 Young researcher selected talks

##### Microstructural characterization of smart materials



**Masahiko Tomitori**  
Prof, School of Materials Science,  
JAIST, Japan



**Davinder Kaur**  
Prof, Dept. of Physics,  
IIT-Roorkee, India

2 Young researcher selected talks



**Day 3 (Oct 14, Tue)**  
**08:30 ~ 18:00 hrs.**  
**New Horizons of Information Technology by using Engineering and Mathematical Approaches**

**Plenary Speakers:**



**Hiroyuki Iida**  
 Prof & Dean, School of Information Science, JAIST, Japan



**Nak-Young Chong**  
 Prof, School of Information Science, JAIST, Japan

**Invited Speakers:**

**Computational Mathematics and application**



**RC Mittal**,  
 Prof & Head, Mathematics IIT-Roorkee, India



**R N Jat**  
 Prof. & Head, Dept of Mathematics, University of Rajasthan, India

2 Young researcher selected talks

**Computer Graphic Design and Communication**



**Balwinder Sodhi**  
 Asst Prof, CS and Engineering IIT-Ropar, India



**Preetam Kumar**  
 Asst Prof, Electrical Engineering IIT-Kharagpur, India

2 Young researcher selected talks

**Advanced Chemical Engineering for the information technologies**



**Ashok Bhaskarwar**  
 Prof, Chemical Engineering, IIT-Delhi, India



**Prakash Biswas**  
 Asst Prof, Chemical Engineering, IIT-Roorkee, India

2 Young researcher selected talks



**Day 4 (Oct 15, Wed)**  
**08:30 ~ 18:00 hrs.**  
**Assessment process and Quality Enhancement in Education Organization**

**Plenary Speakers:**



**Prof. B.K. Passi**  
 Retd. Vice Chairman of NCTE, India



**Hemlata Talesra**  
 Prof. & Director, Smt. K.B. Dave College of Edu., India

**Invited Speakers:**

**Assessment through Quality Indicator and Innovative ways**



**Chhaya Goel**  
 Prof. & Reader, Maharaja Sayajirao University, India



**Shireesh Pal Singh**  
 Asst. Prof. Central Univesity-Punjab, India

2 Young researcher selected talks

**Monitoring and Management in Educational Setup**



**Jai Parkash Hooda**  
 Prof & Principal, JCD (PG) College of Education and JCD Memorial College, India



**D R Goel**, Prof & Retd. Dean, Dept of Education, Maharaja Sayajirao University, India

2 Young researcher selected talks

**Framework for the Pivotal Teacher**



**M P Sharma**, Prof & Director, Vidya Bhawan G.S. Teachers College & Vidya Bhawan Gandhian Institute of Educational Studies, India



**Pankaj Arora**, Asso Prof, Dept of Education, University of Delhi, India

2 Young researcher selected talks



**Day 5 (Oct 16, Thu)**  
**08:30 ~ 18:00 hrs.**  
**Creativity and Innovation in Management of Business**

**Plenary Speakers:**



**Sanjeev Sinha**  
 President, Sun and Sands Group, Japan



**Vesa Peltokorpi**  
 Prof, School of Knowledge Science, JAIST, Japan

**Invited Speakers:**

**Finance**



**CA Sanjay Biyani**  
 Prof., Director (Acad.) Biyani Group of Colleges, India



**V. K. Gupta**,  
 Prof., Finance & Accounting IIM-Indore, India

2 Young researcher selected talks

**Human Resource**



**Mayank Rai**  
 Director, Edugram Academy, India



**Ambika Nag**,  
 Former Professor, University of Rajasthan, India

2 Young researcher selected talks

**Marketing**



**R. K. Anand**  
 Director, Inst of Coop Mgmt., India



**Tanjul Saxena**  
 Associate Professor, Indian Institute of Health Management Research, India

2 Young researcher selected talks



**Day 6 (Oct 17, Fri)**  
**08:30 ~ 18:00 hrs.**  
**Changing dynamics of Global Economy**

**Plenary Speakers:**



**Yoshiaki Shimazaki**  
 Prof, Akita Prefectural University, Japan



**Takeuchi Fumihide**  
 Prof., School of Knowledge Science, JAIST, Japan

**Invited Speakers:**

**Impact of Rising Income Level on Living Standard Level**



**Alpana Kateja**  
 Prof. & HOD, Dept. of Economics University of Rajasthan, India



**Sushma Sood**,  
 Prof. & Dean, University of Rajasthan, India

2 Young researcher selected talks

**Impact of Capital Markets on Global Economies**



**Satish Batra**  
 Retd. Prof., Dept. of Economics, University of Rajasthan, India



**Manoj Dayal**, Professor & Dean, Guru Jambheshwar University of Science & Technology, India

2 Young researcher selected talks

**Impact of Judicial System on Global Economy Structure**



**Somdev**  
 Prof., Indian Council of Social Science, India



**Ravi Srivastava**,  
 Prof., Centre for the Study of Regional Development School of Social Sciences, India

2 Young researcher selected talks



## THEMES AND LOCAL COMMITTEE OF FIVE-DAY SYMPOSIA PROCEEDINGS



**Oct 13, Mon (08:30~18:00 hrs.)**  
Advanced Material Science and Engineering  
ISBN: 978-93-83462-35-3

Dr. Leena Kansal, Email: [convener@biyaniconference.com](mailto:convener@biyaniconference.com);  
Mob.: 9530005979  
Dr. Manish Biyani, Email: [biyanijp@yahoo.co.in](mailto:biyanijp@yahoo.co.in)  
Department of Science, Biyani Girls College,  
[www.biyanicolleges.org](http://www.biyanicolleges.org)



**Oct 15, Wed (08:30~18:00 hrs.)**  
Assessment process and Quality Enhancement in Education Organization  
ISBN: 978-93-83462-39-1

Dr Shipra Gupta, Email : [conveneredu@biyaniconference.com](mailto:conveneredu@biyaniconference.com);  
Mob. : 9461036868; Mr Ajit Jain, Mob. : 9413012119; Department of Education,  
Biyani Girls B.Ed. College, [www.biyanigirlscollege.com](http://www.biyanigirlscollege.com)



**Oct 16, Thu (08:30 ~ 18:00 hrs.)**  
Creativity and Innovation in Management of Business  
ISBN: 978-93-83462-37-7

Dr Tripti Vijayavargia, Email : [convenerims@biyaniconference.com](mailto:convenerims@biyaniconference.com);  
Mob.: 9351713508; Dr Varsha Sharma, Mob.: 9785053049  
Department of Commerce and Management, Biyani Institute of Science &  
Management, [www.bisma.in](http://www.bisma.in)



**Oct 14, Tue (08:30~18:00 hrs.)**  
New horizons of Information Technology by using  
Engineering and Mathematical Approaches  
ISBN: 978-93-83462-36-0

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Management [www.bisma.in](http://www.bisma.in)



**Oct 17, Fri (08:30 ~ 18:00 hrs.)**  
Changing dynamics of Global Economy  
ISBN: 978-93-83462-38-4

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Dr Abhishek Baldwa, Mob. : 9413074822; Department of Social Sciences, Biyani  
Girls College, [www.biyanicolleges.org](http://www.biyanicolleges.org)

## SPECIAL FEATURES FOR YOUNG STUDENT/SCIENTIST

1. Paper (Oral) Presentation: 6 Best Young Research Presentation Awards and 6 Best Poster Awards will be selected from the submitted poster-abstracts
2. Panel Session: Discussion on Job Opportunities by Industry Experts
3. Two-week Basic Japanese Language Learning Course by Experts from Japan

## IMPORTANT DEADLINES

1. Standard online registration for conference: **Sept 14, 2014**
2. Last date for submission of Poster-abstract: **Sept 14, 2014**
3. Author notification for acceptance of oral/poster: **Sept 30, 2014**
4. Application of Exhibitor and Sponsorship: **Sept 30, 2014**

For detailed information  
visit our website :  
[www.biyaniconference.com](http://www.biyaniconference.com)

### Address for Correspondence

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