

## International Conference on Algebra and Its Applications

**SATURDAY, NOVEMBER 12, 2016**

08:00 a.m. to 09:30 a.m.	<b>Registration</b>	
09:30 a.m. to 11:00 a.m.	<b>Inauguration</b>	
11:00 a.m. to 11:30 a.m.	<b>High Tea</b>	
<b>Prof. M. A. Kazim Memorial Lectures (New Conference Room)</b> Chairperson : Prof. M. A. Quadri (Former Chairman, Aligarh Muslim Univ., India)		
11:30 a.m. to 12:00 noon	Prof. S. Tariq Rizvi	<i>Theory of (quasi-)Bear and extending modules with applications</i>
12:05 p.m. to 12:35 p.m.	Prof. Jae Keol Park	<i>Modules hulls of certain classes of modules</i>
12:40 p.m. to 01:10 p.m.	Prof. Sergio R. Lopez-Permouth	<i>Modules over infinite dimensional algebras</i>
01:15 p.m. to 01:45p.m.	Prof. K. M. Rangaswamy	<i>Some recent advances in the ideal theory of Levitt path algebras</i>
01:45 p.m. to 02:45 p.m.	<b>Lunch</b>	
	<b>Invited Talks (New Conference Room )</b> Chairperson : Prof. K. M. Rangaswamy (Univ. of Colorado, U.S.A.)	
02:50 p.m. to 03:10 p.m.	Prof. Ayman Badawi	<i>Recent results on n-absorbing ideals of commutative rings</i>
03:15 p.m. to 03:35 p.m.	Prof. B. M. Pandeya	<i>Modules whose non-zero endomorphisms are monomorphisms</i>
03:40 p.m. to 04:00 p.m.	Prof. A. R. Rajan	<i>Relations between inductive groupoids and normal categories</i>
04:05 p.m. to 04:25 p.m.	Prof. P. G. Romeo	<i>Biordered sets of rings with involution</i>
04:25 p.m. to 04:40 p.m.	<b>Tea/Coffee Break</b>	
04:40 p.m. to 05:30 p.m.	<b>Paper Reading Sessions (10 minutes each)</b> New Conference Room Chairperson : Prof. S. K. Khanduja (IISER, India)	<b>Paper Reading Sessions (10 minutes each)</b> Smart Class Room Chairperson : Prof. R. P. Sharma (Himachal Pradesh Univ., India)
06:00 p.m. onwards	<b>Cultural Programme</b>	
08:00 p.m. onwards	<b>Dinner</b>	

**Paper Reading Sessions  
(10 minutes each)  
Smart Class Room  
02:50 p.m. – 04:25 p.m.**

**Chairperson : Prof. Noor Mohd. Khan**  
(Aligarh Muslim Univ., India)

# International Conference on Algebra and Its Applications

**SUNDAY, NOVEMBER 13, 2016**

## Plenary Lectures (New Conference Room)

**Chairperson : Prof. Jae Keol Park** (Busan National Univ., South Korea)

09:00 a.m. to 09:30 a.m.	Prof. Robert Wisbauer	<i>Separability in algebra and category theory</i>		
09:35 a.m. to 10:05 a.m.	Prof. Hidetoshi Marubayashi	<i>Projective ideals in generalized hereditary noetherian prime rings</i>		
10:10 a.m. to 10:40 a.m.	Prof. Dolors Herbera	<i>Big pure projective modules over noetherian domains</i>		
10:45 a.m. to 11:15 a.m.	Prof. Luisa Carini	<i>On the Multiplicity-Free Plethysms <math>p_2[s_\lambda]</math></i>		
11:15 a.m. to 11:45 a.m.	<b>Tea/Coffee Break</b>			
	<b>Invited Talks (New Conference Room)</b>			
	<b>Chairperson : Prof. Robert Wisbauer</b> (Heinrich Heine Univ., Germany)			
11:45 a.m. to 12:05 p.m.	Prof. S. K. Khanduja	<i>History and development of Eisenstein-Schonemann irreducibility criteria</i>		
12:10 p.m. to 12:30 p.m.	Prof. J. N. Salunke	<i>On four tuple of distinct integers such that the sum of any two of them is cube of a positive integer</i>		
12:35 p.m. to 12:55 p.m.	Prof. T. T. Chelvam	<i>Genus of graphs from commutative rings: A survey</i>		
01:00 p.m. to 01:20 p.m.	Prof. Gangyong Lee	<i>Direct sums of Rickart and (quasi-)Baer modules</i>		
01:25 p.m. to 01:45 p.m.	Prof. S. K. Nimbhorkar	<i>Generalizations of extending elements in certain modular lattices</i>		
01:45 p.m. to 02:40 p.m.	<b>Lunch</b>			
	<b>Invited Talks (New Conference Room)</b>	<b>Invited Talks (Smart Class Room)</b>		
	<b>Chairperson : Prof. Sergio Lopez-Permouth</b> (Ohio Univ., U.S.A.)	<b>Chairperson : Prof. Luisa Carini</b> (Univ. of Messina, Italy)		
02:40 p.m. to 03:00 p.m.	Prof. R. P. Sharma	<i>On construction of global actions of partial actions on sets</i>	Prof. Madhu Raka	<i>Duadic codes over a non-chain ring and their Gray images</i>
03:05 p.m. to 03:25 p.m.	Prof. Najmeh Dehghani	<i>On Schröder-Bernstein Property for Baer modules</i>	Prof. Maheshanand Bhaintwal	<i>Skew cyclic and quasi-cyclic codes over finite rings</i>
03:30 p.m. to 03:50 p.m.	Prof. Basudeb Dhara	<i>b-Generalized derivations and generalized skew derivations on multilinear polynomials in prime rings</i>	Prof. Ahmed N. Alkenani	<i>On the equitable injective of Graphs</i>
03:55 p.m. to 04:15 p.m.	Prof. Punita Batra	<i>Representations of the twisted full toroidal Lie algebra</i>	Prof. El Hassan El Kinani	<i>Lie symmetry methods: applications to nonlinear ordinary and fractional differential equations</i>
04:15 p.m. to 04:30 p.m.	<b>Tea/Coffee Break</b>			
04:30 p.m. to 05:30 p.m.	<b>Paper Reading Sessions (10 minutes each)- New Conference Room</b>		<b>Paper Reading Sessions (10 minutes each)- Smart Class Room</b>	
	<b>Chairperson : Prof. B. N. Waphare</b> (Savitribai Phule Pune Univ., India)		<b>Chairperson : Prof. Ayman Badawi</b> (American Univ. of Sharjah, U.A.E.)	
08:00 p.m. onwards	<b>Dinner</b>			

**Paper Reading Sessions  
(10 minutes each)  
Smart Class Room  
11:45 a.m. – 01:45 p.m.**

**Chairperson : Prof. B. M. Pandeya**  
(IIT, BHU, India)

## International Conference on Algebra and Its Applications

**MONDAY, NOVEMBER 14, 2016**

**Plenary Lectures (New Conference Room)**  
**Chairperson : Prof. S. Tariq Rizvi (Ohio State Univ., USA)**

09:00 a.m. to 09:30 a.m.	Prof. Rajendra Bhatia	<i>Symplectic eigenvalues of positive definite matrices</i>
09:35 a.m. to 10:05 a.m.	Prof. Tsiu-Kwen Lee	<i>Functional identities and additive maps of Jordan type</i>
10:10 a.m. to 10:40 a.m.	Prof. M. Sato	<i>On Nakayama conjecture and related conjectures- Review</i>
10:45 a.m. to 11:15 a.m.	Prof. Najib Mahdou	<i>On amalgamated algebras along an ideal: A survey</i>
11:15 a.m. to 11:45 a.m.	<b>Tea/Coffee Break</b>	
	<b>Invited Talks (New Conference Room)</b> <b>Chairperson : Prof. Dolors Herbera (Universtat Autonoma de Bercelona, Spain)</b>	
11:45 a.m. to 12:05 p.m.	Prof. Najat Muthana	<i>Homoderivations on rings</i>
12:10 p.m. to 12:30 p.m.	Prof. Abdellah Mamouni	<i>On *-semiderivations and *-generalized semiderivations</i>
12:35 p.m. to 12:55 p.m.	Prof. B. N. Waphare	<i>Order properties of generalized projections</i>
01:00 p.m. to 01:20 p.m.	Prof. S. K. Sardar	<i>Connection between Gamma-semirings and Morita equivalence of semirings</i>
01:25 p.m. to 01:45 p.m.	Prof. A. K. Bhuniya	<i>On some varieties of idempotent semirings determined by the Green's relations</i>
01:45 p.m. to 02:40 p.m.	<b>Lunch</b>	
02:40 p.m. to 03:40 p.m.	<b>Paper Reading Sessions (10 minutes each)</b> <b>New Conference Room</b> <b>Chairperson : Prof. S. K. Nimbhorkar</b> (Dr. B.A.M. Univ., India)	<b>Paper Reading Sessions (10 minutes each)</b> <b>Smart Class Room</b> <b>Chairperson : Prof. Najib Mahdou</b> (Univ. S.M. Ben Abdellah Fez, Morocco)
03:40 p.m. onwards	<b>Closing Ceremony/Discussions</b> <b>(New Conference Room)</b>	

**Paper Reading Sessions**  
**(10 minutes each)**  
**Smart Class Room**  
**11:45 a.m. – 01:45 p.m.**

**Chairperson : Prof. A. R. Rajan**  
 (Univ. of Kerala, India)