

INTERNATIONAL CONFERENCE ON
ALGEBRA AND ITS APPLICATIONS (ICAA-10)
(Under UGC-DRS Programme)
(February 20-22, 2010)

Department of Mathematics
Aligarh Muslim University,
Aligarh-202002, India

ACADEMIC PROGRAMME

SATURDAY, FEBRUARY 20, 2010

08.30 a.m. to 9.30 a.m.	:	Registration
9.30 a.m. to 11.00 a.m.	:	Inauguration
11.00 a.m. to 11.30 noon	:	Tea

➤ **Plenary Lectures**

❖ **New Conference Room**

Chairperson : **Prof. M. A. Quadri**

11.45 a.m. - 12.15 p.m.

Speaker : **Prof. Surjeet Singh (Chandigarh, India)**
Topic : *Rings with indecomposable right R-modules uniform*

12.20 p.m. – 12.50 p.m.

Speaker : **Prof. Alberto Facchini (Italy)**
Topic : *Semilocal Categories*

12.55 p.m. – 01.25 p.m.

Speaker : **Prof. U. Dempwolff (Germany)**
Topic : *Invariants of semilinear transformations*

1.30 p.m. – 02.30 p.m. Lunch



Invited Talks

❖ New Conference Room

Chairperson : **Prof. M.Z. KHAN**

03.00 p.m. - 3.20 p.m.

Speaker : **Prof. Sudhir R. Ghorpade (Mumbai, India)**

Topic : *Matrices, polynomials, and sequences over finite fields*

03.25 p.m. - 03.45 p.m.

Speaker : **Prof. Yang Lee (Korea)**

Topic : *Structure of coefficients of zero-dividing polynomials*

03.50 p.m. - 04.10 p.m.

Speaker : **Prof. Punita Batra (Allahabad, India)**

Topic : *Highest weight representations of pre-exp-polynomial Lie algebras*

04.15 p.m. – 04.30 p.m.

Tea/Coffee Break



Paper Reading Sessions (10 minutes each)

❖ New Conference Room

04.30 p.m. – 05.30 p.m.

Chairperson : **Prof. Mohammad Rais Khan**

Speakers :

❖ Old Conference Room

04.30 p.m. – 05.30 p.m.

Chairperson : **Prof. S. K. Khanduja**

Speakers :

**INTERNATIONAL CONFERENCE ON ALGEBRA AND ITS
APPLICATIONS (ICAA-10)
(February 20-22, 2010)
SUNDAY, FEBRUARY 21, 2010**

➤ **Plenary Lectures**

❖ **New Conference Room**

Chairperson : **Prof. H. Marubayashi**

09.00 a.m - 09.30 a.m.

Speaker : **Prof. M. Ferrero (Brazil)**
Topic : *Partial actions of groups on semiprime rings*

09.35 a.m. - 10.05 a.m.

Speaker : **Prof. Jugal Verma(Mumbai, India)**
Topic : *On the Chern number of filtrations of ideals*

10.10 a.m. – 10. 40 a. m.

Speaker : **Prof. Luisa Carini (Italy)**
Topic : *On the Kronecker product of Schur functions in reduced notation*

10.45 a.m. – 11. 15 a. m.

Speaker : **Prof. K. N. Raghavan (Chennai, India)**
Topic : *RSK bases and Kazhdan-Lusztig cells*

11.15 a.m. – 11.30 a.m

Tea/Coffee Break

➤ **Invited Talks**

❖ **New Conference Room**

Chairperson : **Prof. Adolf Mader**

11.30 a.m. - 11.50 a.m.

Speaker : **Prof. Tsiu-Kwen Lee (Taiwan)**
Topic : *Derivations modulo elementary operators*

11.55 a.m. - 12.15 p.m.

Speaker : **Prof. Vincenzo De Filippis (Italy)**
Topic : *On generalized derivations in prime rings*

12.20 p.m. – 12.40 p.m. :

Speaker : Prof. Ajda Fornsner (Slovenia)
Topic : *A note on commutativity preservers on matrix algebras*

12.45 p. m. - 1.05 p.m.

Speaker : Prof. Nurcan Argac (Turkey)
Topic : *Prime rings with generalized derivations on right ideals*

01.10 p.m. – 01.30 p.m.

Speaker : Prof. Claus Haetinger (Brazil)
Topic : *On free actions and dependent elements*

❖ Old Conference Room

Chairperson : Prof. Jugal Verma

11.30 a.m. - 11.50 a.m.

Speaker : Prof. Manoj K. Yadav (Allahabad, India)
Topic : *Central automorphisms of finite p -groups*

11.55 a.m. - 12.15 p.m.

Speaker : Prof. A. R. Rajan (Kerala, India)
Topic : Normal category and regular rings

12.20 p.m. – 12.40 p.m. :

Speaker : Prof. R. P. Sharma (Shimla, India)
Topic : *Irreducible S_n -modules*

12.45 p. m. - 1.05 p.m.

Speaker : Prof. Mohammad Javad Nematollahi (Iran)
Topic : *Quasi δ -discrete modules*

01.10 p.m. – 01.30 p.m.

Speaker : Prof. Fatemeh Dehghani-Zadeh (Iran)
Topic : *On the asymptotic behavior of graded generalized local cohomology modules*

1.15 p.m. – 02.30 p.m. Lunch



Invited Talks

❖ New Conference Room

Chairperson : Prof. Yang Lee

03.00 p.m. - 3.20 p.m.

Speaker : Prof. Lia Vas (U.S.A.)
Topic : *Cleanness of a class of Baer * and Von Neumann algebras*

03.25 p.m. - 03.45 p.m.

Speaker : Prof. Yiqiang Zhou (Canada)

03.50 p.m. - 04.10 p.m.
Topic : *Clean index of rings and applications to clean rings*
Speaker : **Prof. Yong Uk Cho (Korea)**
Topic : *A study on strong regularity and related concepts*

❖ Old Conference Room

Chairperson : **Prof. Edmund Puczyłowski**

03.00 p.m. - 3.20 p.m.

Speaker : **Prof. S. K. Khanduja (Chandigarh, India)**
Topic : *On a Theorem of Dedekind*

03.25 p.m. - 03.45 p.m.

Speaker : **Prof. B. M. Pandeya (Varanasi, India)**
Topic : *Completely M-cyclic modules and noetherian rings*

03.50 p.m. - 04.10 p.m.

Speaker : **Prof. S. K. Nimbhorker (Aurangabad, India)**
Topic : *M- modular pairs in multiplicative lattices*

04.15 p.m. – 04.30 p.m. Tea/Coffee Break

➤ Paper Reading Sessions (10 minutes each)

➤ **New Conference Room** **04.30 p.m. – 05.30 p.m.**

Chairperson : **Prof. Claus Haetinger**

Speaker :
Topic :

❖ **Old Conference Room** **04.30 p.m. – 05.30 p.m.**

Chairperson : **Prof. Sudhir R.Ghorpade**

Speaker :
Topic :

**INTERNATIONAL CONFERENCE ON ALGEBRA AND ITS
APPLICATIONS (ICAA-10)
(February 20-22, 2010)**

MONDAY, FEBRUARY 22, 2010

➤ **Plenary Lectures**

➤ **New Conference Room**

Chairperson : Prof. Alberto Facchini

09.00 a.m - 09.30 a.m.

Speaker : Prof. H. Marubayashi (Japan)
Topic : *Prime factor rings of Ore extensions over a commutative Dedekind domain*

09.35 a.m. - 10.05 a.m.

Speaker : Prof. Edmund Puczyłowski (Poland)
Topic : *On ideal extensions of rings*

10.10 a.m. – 10. 40 a. m.

Speaker : Prof. Adolf Mader (U.S.A.)
Topic : *Regularity in Hom*

10.45 a.m. – 11. 15 a. m.

Speaker : Prof. Burkhard Külshammer (Germany)
Topic : *The depth of subgroups and subalgebras*

11.15 a.m. – 11.30 a.m Tea/Coffee Break

➤ **Invited Talks**

New Conference Room

Chairperson : Prof. U. Dempwolff

11.30 a.m. - 11.50 a.m.

Speaker : Prof. Chan Huh (Korea)
Topic : *Rings whose Jacobson radicals contains all nilpotent elements*

11.55 a.m. - 12.15 p.m.

Speaker : Prof. Ali Kordi (Iran)
Topic : *On LI-ideals of lattice implication algebras*

12.20 p.m. – 12.40 p.m. :

Speaker : Prof. K. Suvama (Anantapur , India)
Topic : *A Result on Prime $(-1, 1)$ Rings*

12.45 p. m. - 1.05 p.m.

Speaker : Prof. Parvathi Sivasubramaniam (Chennai, India)
Topic : *The Combinatorial Representations of a class of sub algebras of partition algebras*

01.10 p.m. – 01.30 p.m.

Speaker : Prof. Y. S. Pawar (Kolhapur, India)
Topic : *Annihilator semi-ideals and 0-modular semilattices*

1.30 p.m. – 02.30 p.m. Lunch

➤ Paper Reading Sessions (10 minutes each)

❖ **New Conference Room** **02.30 p.m. – 03.00 p.m.**

Chairperson : Prof. Tsiu-Kwen Lee

Speaker :

Topic :

❖ **Old Conference Room** **02.00 p.m. – 03.00 p.m.**

Chairperson : Prof. Nurcan Argac

Speaker :

Topic :

**03.30 p.m. : Closing Ceremony/Discussions
New Conference Room**