

REGISTRATION FORM

National Seminar On Solar Robotics October 9-10, 2015

Prof. Dr./Mr./Ms.....

Designation

Organization.....

Address

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Phone (off).....(Resi).....

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(E-mail).....

Registration Category (Tick one):

- Academic
 Student
 Industry

Registration fee Details.

Bank.....

Amount

DDNo.Date.....

Please tick

- I plan to present a paper
 I plan to participate in paper presentation
 Accommodation required

(All demand drafts should be made in favour of "JAMIA MILLIA ISLAMIA"
payable at New Delhi.)

Date.....

Signature of Participant

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Dr. Badshah Alam

Address for Correspondence

Prof. Mohd Suhaib

Coordinator, NSSR-2015

Department of Mechanical Engineering

Faculty of Engineering & Technology (FET)

Jamia Millia Islamia (A Central University)

Jamia Nagar, New Delhi - 110025

Mob. : +91-9868853897, 9654017631

Ph: +91-11-26981717, Ext: 2426

Email : nsosr2015@gmail.com, Web : www.jmi.ac.in/nssr15

National Seminar On Solar Robotics

October 9-10, 2015



Coordinator
Prof. Mohd Suhaib

Co- Coordinator
Dr. A F Sherwani

Organized
by



DEPARTMENT OF MECHANICAL ENGINEERING

Faculty of Engineering & Technology (FET)

Jamia Millia Islamia (A Central University)

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Ph: +91 - 11 - 26981717, Ext: 2426

www.jmi.ac.in

Jamia Millia Islamia

Jamia Millia Islamia was founded at Aligarh in United Province, India in 1920 during the Khilafat and non-cooperation Movement in response to Gandhiji's call to boycott government supported educational institutions. Jamia moved from Aligarh to Delhi in 1925. The Jamia was made a Central University by an act of Parliament in 1988. Today, Jamia Millia Islamia is one of the most prominent and promising Central Universities of the country. The academic programme of the University leading to higher education degrees, diplomas and certificates are offered through nine faculties (Education, Humanities & Languages, Natural Science, Social Science, Fine Arts, Engineering & Technology, Architecture, Dental and Law). Besides its nine faculties, the Jamia has a number of centres of learning and research.

Faculty of Engineering & Technology

This Faculty was established in 1985 with the Department of Civil, Mechanical and Electrical Engineering department. The department of Electronic & Communication Engineering, Computer Engineering and Department of Applied Sciences and Humanities were subsequently added to this Faculty.

Its undergraduate programme includes B.Tech and B.E. (Evening) in Civil Engineering, Electrical Engineering, Mechanical Engineering, Electronics and Communication Engineering, and Computer Engineering. It also offers postgraduate programmes, M.Tech (Electrical Power System Management), M.Tech. (Mechanical Engineering-Indl. Prod/Thermo fluid/Machine Design), M.Tech. (Civil Engineering), M.Tech. (Environmental Science & Engineering) and M.Sc (Electronics). The University Polytechnic of the Faculty offers day and evening course for diploma in Civil Engineering, Electrical Engineering, Mechanical Engineering, Computer Engineering and Electronics & Communication Engineering.

Department of Mechanical Engineering

Since its inception in 1985, the Department of Mechanical Engineering has exhibited tremendous growth in teaching and research. The Department offers a regular four-year B.Tech. Programme in "Mechanical Engineering" and regular M.Tech. Programme in "Mechanical Engineering -- Indl. Prod/Thermo fluid/Machine Design". The Department also runs a four-year B.E. (Evening) programme in "Mechanical Engineering" for working professional with diploma Engineering. The Department is also actively

engaged in research leading to Ph.D. degree. The Department has well established facilities for research work in the areas of robotics and automation, Instrumentation & control, Gas Dynamics & CFD, Renewable Energy, IC Engine, Tribology, Mechanisms & Design, Concurrent Engineering, Reverse Engineering & RPT, Supply chain Management, Ergonomics, Metrology & Measurement, Material Testing & Characterization, Friction stir welding and many allied areas. The Department has conceived, designed and executed a unique state of the art Land Fill Gas Plant (LFG). A large number of leading organizations are regularly visiting the faculty for campus placements of Mechanical Engineering graduates.

Aim and Scope of the Seminar

National Seminar on Solar Robotics is being organised on 9-10 Oct, 2015, at Jamia Millia Islamia to explore the challenges and opportunities for the development of solar energy as a competitive energy source. Scientific studies and applications related to solar robotics have shown rapid progress and become increasingly important for our country. Besides, this research area has already been well focused by academics worldwide. The seminar will provide a platform to present practical and theoretical studies and technological advances, so that academicians, researchers, industry and Govt representative who closely follow national/international developments in solar robotics systems can communicate and conduct assessments on recent technologies. The seminar will bring together many researchers representing the basics of solar energy utilization. Their objective will be to identify the technical barriers to large-scale implementation of solar energy and the basic research directions in the area of solar robotics.



Call for Papers

Research papers are invited on latest developments in the area of "Solar Robotics". Seminar Topic includes however not limited to following broad areas.

- Solar Energy
- Energy Efficiency
- Integrated Photovoltaic
- MPPT for solar PV system
- DC Micro-grid challenges & Application
- Role of Power electronics in solar PV
- Robotics & Mechatronics
- Pneumatics & Hydraulics
- Microcontrollers & PLC
- Sensors & Actuators
- Fuel Cells and Hydrogen Technologies

Poster Presentations

Abstracts are invited for poster presentations. Participants interested in contributing poster presentation may submit their abstracts on the topics given above. We will provide two sessions, exclusively for poster presentations and expert intense discussions, among the participants. All abstracts submitted will be peer reviewed by experts before acceptance.

Registration

The registration fee (non refundable) may be paid through Demand draft in favour of "JAMIA MILLIA ISLAMIA" payable at New Delhi, along with the registration form.

Academicians/ Scientists/ Industry	: Rs. 1000/-
Research Scholars & Students	: Rs. 200/-

Important Dates

Last date for submission of papers	: 03-10-2015
Intimation of paper acceptance	: 05-10-2015
Last date for Author's Registration	: 09-10-2015

Instructions for Authors

Research papers & Poster abstract can be submitted to the email: nsosr2015@gmail.com. Detailed guidelines for the authors are available on website www.jmi.ac.in/nssr15. Accommodation may be arranged in the University Guest House / Near by Hotels with the prior request of authors.