



**SHRI RAM MURTI SMARAK INSTITUTIONS**  
Bareilly • Lucknow



**SRMS College of Engineering & Technology, Bareilly**

Shri Ram Murit Smarak College of Engineering & Technology Bareilly campus is offering M.Tech, MBA, MCA, M.Pharm, B.Pharm and B.Tech ( Computer Science & Engineering, Electronics & Communication Engineering, Information Technology, Electrical & Electronics and Mechanical Engineering.) It is affiliated to U.P. Technical University, Lucknow.



E-mail : srmscet@srmscet.edu | Website : www.srms.ac.in

**SRMS Womens' College of Engineering & Technology, Bareilly**

Shri Ram Murti Smarak Women's College of Engineering & Technology is offering MBA & B.Tech Course in Computer Science & Engineering, Electronics & Communication Engineering, Electrical Engineering & Information Technology. It is a affiliated to U.P. Technical University, Lucknow.



E-mail : info@srmswct.ac.in | Website : www.srms.ac.in

**SRMS Institute of Medical Sciences, Bareilly**

1. **HOSPITAL** - Shri Ram Murti Smarak Institute of Medical Sciences, Bareilly is a 950 bed multi super speciality tertiary & trauma care hospital.
2. **MEDICAL COLLEGE** - Shri Ram Murti Smarak Institute of Medical Science, Bareilly is Offering MBBS & MD, MS Course approved by Medical Council of India, New Delhi since academic session 2005-2006. It is affiliated to MJP Rohilkhand University, Bareilly.
3. **SRMS SCHOOL OF NURSING** - Offering diploma in General Nursing & Midwifery (GNM)
4. **R.R. CANCER INSTITUTE & RESEARCH CENTER**
5. **SRMS PARAMEDICAL COLLEGE**



E-mail : info@srmsims.ac.in | Website : www.srms.ac.in



**SRMS College of Engineering & Technology, Unnao**

Shri Ram Murti Smarak College of Engineering & Technology Unnao campus is offering B.Tech Course in Computer Science & Engineering, Electronics & Communication Engineering, Mechanical Engineering, Electrical & Electronics Engineering, Electronics Engineering. It si affiliated to U.P. Technical University, Lucknow.



E-mail : info@srmscet-lkr.ac.in | Website : www.srmscet-lkr.ac.in

**SRMS International Business School, Unnao**

Shri Ram Murti Smarak International Business School is a world class management school in Lucknow region offering AICTE approved PGDM course. It has distinctive faculty, global curriculum and world class infrastructure.



E-mail : info@ibs.srms.ac.in | Website : www.srms.ac.in

**LRT 136 Shri Ram Murti Smarak School, Unnao**

Shri Ram Murti Smarak provides a platform to L.R.T. 136 School where the blooming birds are nurtured with world class educational amenities these children from remote areas are privileged with high-tech learning stream in a homely environment.



**Shri Ram Murti Smarak Functional Imaging & Medical Centre Lucknow**

Shri Ram Murti Smarak Trust has added another milestone to its glory of journey in the field of medical science by establishing India's one of the most advanced diagnostic centre at Lucknow which is an ONE STOP for all diagnostic needs under ONE ROOF. This ultra modern diagnostic centre is capable of doing all kind of advanced diagnostics right from Nuclear Medicine to Radio diagnosis to the lab investigations.



E-mail : srmsfmc@srms.ac.in | Website : www.srms.ac.in



**SHRI RAM MURTI SMARAK COLLEGE OF ENGG. & TECHNOLOGY, UNNAO**

35 Km. on NH - 25, Lucknow-Kanpur Highway, Asha Khara, Unnao, U.P- 209859, India  
Phone: 05143-278401-43 Fax: 05143-278404  
Website : www.srms.ac.in | E-mail: riet15@srms.ac.in

**NATIONAL CONFERENCE**

**ON RESEARCH & INNOVATION IN ENGINEERING AND TECHNOLOGY (RIET 2015)**  
**Date : 6th & 7th Nov 2015**



Organized by :



**SHRI RAM MURTI SMARAK COLLEGE OF ENGG. & TECHNOLOGY, UNNAO**

Mobile no. : 9458704914, 9458702596

Website : www.srms.ac.in  
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### About SRMS Trust :

SRMS Trust, a public Charitable Trust, established in the year 1990, is a living tribute to the memory of veteran freedom fighter, true Gandhian, ex parliamentarian, ex minister UP, Late Shri Ram Murti ji. The primary objective of the trust is to provide and promote education and research in the field of science and management, engineering and technology, medicine and humanities

The aim of the SRMS trust is the upliftment of masses by

- ★ Promoting the social values
- ★ Promoting technical and professional Education
- ★ Promoting Health and Medical Education

SRMS Trust has strived to provide the best facilities, faculty and resources to its students and the larger community. The institutions of the trust have consistently been ranked among the top colleges in the state of Uttar Pradesh and Northern India

### About The College :

Shri Ram Murti Smarak College of Engineering & Technology, Unnao is a premier engineering college of North India. It was established in 2011 under the aegis of Shri Ram Murti Smarak Trust. The SRMS CET is among the top ranked private engineering colleges of North India. It is one of the best technical institutes of UPTU having its campus at 35 KM stone on Lucknow-Kanpur Highway, Unnao, well connected from Lucknow with Rail and Roads and 15 mins drive from Amousi Airport Lucknow. Presently, it offers four years degree courses in five branches - Computer Science & Engineering, Electrical & Electronics Engineering, Electronics Engineering, Electronics & Communication Engineering & Mechanical Engineering. All the courses are duly approved by All India Council of Technical Education (AICTE), Ministry of HRD, Government of India New Delhi.

### Aim of the Conference :

The main objective of this conference is to provide a forum for researchers, educators, students and industries to exchange ideas, to communicate and discuss research findings and innovations and new advances in engineering and technology. The forum enables participants to explore possible avenues to foster academic and student exchange, as well as scientific activities within the country. This process involves local, regional and national experts in engineering and technology. It provides a platform for the next generation to be able to share their respective knowledge and experiences and to develop new ideas to improve the level of knowledge in technology. The conference will give opportunity to student's academia and practitioners to communicate and discuss current research and innovations and future scope in industrial sector.

The Conference proceedings will be published with ISBN number.

### Topics to be covered :

Topics to be addressed in this conference include, but are not limited to the following.

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| <ul style="list-style-type: none"> <li>• Applications of AI Techniques in Design and Manufacturing</li> <li>• CAD/CAM/CAE/CFD</li> <li>• Design and Manufacturing</li> <li>• Energy Management and Conservation</li> <li>• Green Manufacturing</li> <li>• Heat and Mass Transfer</li> <li>• HVAC</li> <li>• Production and Industrial Engineering</li> <li>• Automatic Control System,</li> <li>• Industrial Process Control,</li> <li>• Robotics and Automation,</li> <li>• Circuits and Systems,</li> <li>• Industrial and Power Electronics,</li> <li>• Power System optimization</li> <li>• Smart and Micro Grids, FACTS Devices</li> <li>• Microwave Imaging and Remote Sensing</li> <li>• Microwave Photonics and Plasmonics</li> <li>• RF and Microwave Integrated Circuits</li> <li>• Embedded Systems</li> <li>• VLSI Design</li> </ul> | <ul style="list-style-type: none"> <li>• MEMS/ Mechatronics</li> <li>• Wireless Communication and Networking</li> <li>• Cognitive radio</li> <li>• Data Mining &amp; Web Mining</li> <li>• Information &amp; Network security</li> <li>• Remote sensing</li> <li>• Soft Computing and Applications</li> <li>• Medical Informatics</li> <li>• Artificial Intelligence</li> <li>• Machine Learning</li> <li>• Nano- Technology</li> <li>• Advances in Spectroscopy</li> <li>• Advances in Nuclear Research</li> <li>• Materials for Engineering Applications</li> <li>• Bio/Chemical Sensors</li> <li>• Machine Learning</li> <li>• Artificial Intelligence</li> <li>• Non-linear Dynamics</li> <li>• Plasma Physics</li> <li>• Solid State Physics</li> </ul> |
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### IMPORTANT DATES

Last date for Submission of Abstract	-	07 Oct, 2015
Notification of Abstract Acceptance	-	10 Oct, 2015
Full Paper Submission along with Registration	-	20 Oct, 2015
Conference	-	6 <sup>th</sup> & 7 <sup>th</sup> Nov 2015

### REGISTRATION FEE :

Research Scholars/Student : Rs 300 Academicians : Rs 500 Industrial delegates: Rs 1000 Registration fee should be paid by Bank Draft in favour of "SRMSCET", payable at Lucknow. Registration fee enables participation in all technical sessions and hospitality including accommodation during the conference.

### HOW TO REGISTER :

The registration form could be downloaded from the website (www.srms.ac.in). Duly filled-in registration form along with DD towards registration fee must be received through post / courier by 20th Oct 2015 at following address.

## NATIONAL CONFERENCE : RIET - 2015

### Shri Ram Murti Smarak College of Engineering & Technology, Unnao

35 Km. on NH - 25, Lucknow-Kanpur Highway,  
Asha Khara, Unnao, U.P- 209859, India  
E-mail: riet15@srms.ac.in

For more information and query Contact :  
Mr. Saurabh Srivastava # 9458704914  
Mr. Mukesh Kumar Singh # 9458702596

### CONFERENCE SCHEDULE

#### First Day (6<sup>th</sup> Nov 2015)

09:00 AM to 10:00 AM	-	Registration
10:00 AM to 10:45 AM	-	Inaugural Function
10:45 AM to 11:15 AM	-	High Tea
11:15 AM to 12:00 PM	-	Keynote 01
12:00 PM to 01:15 PM	-	Technical Session I
01:15 PM to 02:15 PM	-	Lunch Break
02:15 PM to 03:00 PM	-	Keynote 02
03:00 PM to 04:30 PM	-	Technical Session II
04:30 PM to 05:00 PM	-	Tea

#### Second Day (7<sup>th</sup> Nov 2015)

10:00 AM to 11:00 AM	-	Keynote 03
11:00 AM to 11:15 AM	-	Tea
11:15 AM to 01:15 PM	-	Technical Session III
01:15 PM to 02:15 PM	-	Lunch
02:15 PM to 03:15 PM	-	Technical Session IV
03:15 PM to 04:00 PM	-	Valedictory
04:00 PM to 04:30 PM	-	Tea

## CONFERENCE ORGANIZING COMMITTEE

Chief Patron	Chairperson	Technical Advisory Committee		Tech. Support Committee
<b>Shri Dev Murti</b> Chairman (SRMS Trust)	<b>Mrs. Sarika Shrivastava</b> (Dean Academics) & HOD. EN, Deptt.	<b>Prof. Subhash Mehra</b> Trust Administrator	<b>Prof. Bharti Dwivedi</b> IET Lucknow	<b>Mr. B.K. Maitin</b> MED
<b>Patron</b>	<b>Convenor</b>	<b>Prof. Prabhakar Gupta</b> Dean Academic SRMSCET Bareilly	<b>Prof. K.S. Verma</b> KNIT Sultanpur	<b>Mrs. Sahreen Hizab</b> ECE
<b>Shri Aditya Murti</b> Secretary (SRMS Trust)	<b>Prof. A.K. Bajpai</b> HOD ME, Deptt.	<b>Prof. Jagannath Sahoo</b> Director Pharmacy Bareilly	<b>Prof. Subhuddhi Sudhakar</b> IIT Roorkee	<b>Dr. Versha Gupta</b> HAS
<b>Prof. Shyamal Gupta</b> Director (SRMSCET Unnao)	<b>Co-convenor</b>	<b>Prof. Anant Kr. Shrivastava</b> Principal, SRMSCWCET Bareilly	<b>Prof. R.D.S. Yadava</b> BHU Varanasi	<b>Mr. Akhilesh Pratap Singh</b> CSE
	<b>Mr. Saurabh Srivastava</b> MED.	<b>Prof. A.K. Agarwal</b> IIT, BHU Varanasi	<b>Dr. Vivek Singh</b> BHU Varanasi	<b>Mr. Amod Pandey</b> ECE
	<b>Mr. Mukesh Kr. Singh</b> EN	<b>Prof. S.K. Srivastava</b> MMMTU Gorakhpur	<b>Dr. Punit Kumar</b> Lucknow University	<b>Mrs. Jhoomer Ghosh</b> HAS.
		<b>Prof. R.N. Sharma</b> NIT Hamirpur		<b>Ms. Garima Singh</b> ECE
				<b>Dr. Prashant Singh</b> HAS