

ORGANISING COMMITTEE

Chief Patron:

Sri Sanjib Kumar Rout
Chairman, CVRGI

Patron:

Prof.(Dr.) K.C. Patra
Director, CVRGI

Prof. (Dr.) Bhabes Bhattacharya
Principal, CVRCE

Convenor:

Prof.(Dr.) Saikat Chatterjee
HOD, Mechanical Engineering

Organising Secretary:

Dr. Manidipto Mukherjee
Assistant Professor, Mechanical Engineering, CVRCE

Mr. Manabhanjan Sahoo
Assistant Professor, Mechanical Engineering, CVRCE

ABOUT THE COLLEGE

C.V. Raman College of Engineering(CVRCE) extending over 100 acres of beautifully landscaped area, situated on the outskirts of Bhubaneswar, is a progressive institution in Odisha, setup to promote the highest standard of technical education in the state. The Institute is approved by the All India Council for Technical Education. The institute is also accredited by NBA and certifies to ISO 9001:2008. The institute is rated "A" Grade Engineering College by NAAC and is affiliated to Biju Patnaik University of Technology. The college aims at educating the students to become not only competent professionals but also excellent human beings, who would contribute towards the welfare of the society and help in raising the quality of life of its people.

ABOUT THE WELDING CENTRE OF EXCELLENCE

(WCoE)

The WCoE is one of the key facility in CVRCE, Bhubaneswar. It was formed to strengthen the understanding and co-operation in promoting the development of welding/joining technology. The WCoE has complete range of conventional and modern welding facilities for MMAW, MIG/MAG, TIG, CMT-Robotic with sophisticated mechanical, metallurgical and NDT laboratory.

CONTACT DETAILS

Dr. Manidipto Mukherjee | 09831349152(M)
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Mr. Manabhanjan Sahoo | 07873945679(M)
E-mail - manabhanjan80@rediffmail.com



Faculty Development Programme on ADVANCES IN WELDING TECHNOLOGY (AWT'17) (1st May - 6th May 2017)



Organised By

**Department of Mechanical Engineering
C.V.Raman College of Engineering
Bidyanagar, Mahura, Janla
Bhubaneswar, Odisha, India
Pin - 752054**

ABOUT THE COURSE

Welding is one of the oldest materials processing technologies, but is an evergreen technologies, which has evolved day by day. The modern Industrial scenario has proven that welding is inevitable to produce any product. Starting from space crafts, automobiles, mobile phones and even a small pendrive uses any one of the welding or it's allied processes. The main objective of the course is to provide basic knowledge about various fusion and solid state welding processes and also provide an in-depth knowledge about the latest trends in the field of welding technology.

RESOURCE PERSONS

*Eminent experts from BHEL, IGCAR, IITs, NITs and Scientists from research organisations will share their expertise

ELIGIBILITY CRITERIA

Faculty members from Departments of AICTE approved Institutions and practising engineers from Industry can apply. Eligible participants are requested to send filled application form and DD to the address for correspondence on or before the last date. The FDP is open for faculty members belonging to Design/Thermal/Manufacturing/Metallurgy/Welding/Electrical specialization.

TENTATIVE TOPICS TO BE COVERED

- * Overview of Welding Processes & Materials
- * Emerging trends in welding techniques
- * Evolution of welding power sources
- * Development of welding consumables
- * Welding metallurgy of ferrous & non-ferrous alloys
- * Weld joint design, residual stress and distortion control
- * Advancement in fusion welding processes
- * Emerging trends in solid state welding processes
- * Welding of dissimilar alloys
- * Non-destructive testing & evaluation of welded joints
- * Repair and maintenance welding techniques

WHO SHOULD ATTEND

- * Faculty from various AICTE approved Engineering Colleges/Institutions
- * Industry Personnels

REGISTRATION

The registration fee for

Faculty	:	Rs. 1000/-
Industry Personnels	:	Rs. 1500/-

The payment should be made by means of a DD drawn in favour of "C.V. Raman College of Engineering", payable at Bhubaneswar. The filled-in registration form is to be sent along with the DD to the Organising Secretary on or before 22-04-2017. Fees include FDP materials, lunch and tea.

IMPORTANT DATES

- Receipt of Application : **22-04-2017**
- Intimation of selection : **25-04-2017**

REGISTRATION FORM

Advances in Welding Technology (AWT'17)

1st May to 6th May 2017

Department of Mechanical Engineering
C.V. Raman College of Engineering,
Bhubaneswar, Odisha, Pin- 752054
(Use CAPITAL LETTERS only)

1. Name: _____
2. Date of Birth: _____
3. Gender:(M/F): _____
4. Designation: _____
5. Department: _____
6. Institution: _____
7. Academic Qualification: _____
8. Area of Specialization: _____
9. Experience in Years: _____
10. Mobile No.: _____
11. Email Id: _____
12. Address of Correspondence: _____

13. Pin Code: _____

The information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the course for the entire duration.

Place:

Date :

Signature of Applicant

Signature with seal of Head of the Institution

Faculty Development Programme (FDP)
on
Advances in Welding Technology (AWT'17)
(1st - 6th May, 2017)
Organized by
Department of Mechanical Engineering
C.V. Raman College of Engineering, Bhubaneswar

Time Schedule:

Day	Time	Topic
01.05.2017	10:00 am – 11:00 am	Registration and Tea
	11:00 am – 11:15 am	Inauguration
	11:15 am – 1:15 pm	Lecture by Dr. S. Pandey, Professor, IIT Delhi
	1:15 pm – 2:15 pm	Lunch
	2:30 pm – 4:30 pm	Lecture by Dr. M. Z. Khan Yusufzai, Professor, IIT BHU
	4.30 pm – 4.45 pm	Tea
Day 2		
02.05.2017	11:00 am – 11:15 am	Tea
	11:15 am – 1:15 pm	Lecture by Dr. S. Bag, Professor, IIT Guwahati
	1:15 pm – 2:15 pm	Lunch
	2:30 pm – 4:30 pm	Lecture by Dr. S. Bag, Professor, IIT Guwahati
	4.30 pm – 4.45 pm	Tea
Day 3		
03.05.2017	11:00 am – 11:15 am	Tea
	11:15 am – 1:15 pm	Lecture by Dr. G.G. Roy, Professor, IIT Kharagpur
	1:15 pm – 2:15 pm	Lunch
	2:30 pm – 4:30 pm	Visit to the Advanced Welding Technology Center, CVRCE
	4.30 pm – 4.45 pm	Tea
Day 4		
04.05.2017	11:00 am – 11:15 am	Tea
	11:15 am – 1:15 pm	Lecture by Dr. Parth Sarathi De, Professor, IIT Bhubaneswar
	1:15 pm – 2:15 pm	Lunch
	2:30 pm – 4:30 pm	Lecture by Dr. V. J. Badheka, Professor, PDPU Gandhinagar
	4.30 pm – 4.45 pm	Tea
Day 5		
05.05.2017	11:00 am – 11:15 am	Tea
	11:15 am – 1:15 pm	Lecture by Dr. V. J. Badheka, Professor, PDPU Gandhinagar
	1:15 pm – 2:15 pm	Lunch
	2:30 pm – 4:30 pm	Lecture by Dr. U.K. Bhat, Professor, NIT Karnataka, Surathkal
	4.30 pm – 4.45 pm	Tea
Day 6		
06.05.2017	10:00 am – 11:00 am	Assessment
	11:00 am – 11:15 am	Tea
	11:15 am – 1:15 pm	Lecture by Dr. N. Parida, Professor, CVRCE & Former Head NML Jamshedpur
	1:15 pm – 2:15 pm	Lunch
	2:30 pm – 4:30 pm	Lecture by Mr. G. R. Mohanty, MD, CPPL, Bhubaneswar
	4.30 pm – 5.00 pm	Valediction and Certification

Accommodation for Participants

Outside Campus

Hotel Name	Address	Contact	Double Occupancy Rate / Day (apprx.) (Rs.)	Approximate Distance from College Campus
Agrani Guest House	N1 - 275, Nayapalli, IRC Village, Bhubaneswar, Odisha 751015	0674 255 3388	700 - 1200	12 - 14 KM
Om Sai Residency	Fire Station, Near Delta Square, Bhubaneswar, Odisha 751008		700 - 1400	10 - 12 KM
Hotel Presidency	1471/A, Nayapalli, Bhubaneswar, Odisha 751015	0674 255 9569	1700 - 2800	12 - 14 KM
Hotel Kharavela	Plot No. 209 & 2002 Khandagiri Chhak, Jagamara, Bhubaneswar, Odisha 751030	0674 235 1463	2400 - 3300	6 - 7 KM
Hotel Siddharth	A1/2, NH5, IRC Village, Nayapally, Bhubaneswar, Odisha 751015	0674 255 1122	2700 - 4000	12 - 14 KM
Hotel Crown	A1/(a), IRC Village, Nayapalli, Bhubaneswar, Odisha 751015	0674 300 0000	3600 - 7000	12 - 14 KM

N.B.: For outside campus, participants are required to arrange accommodation and travel on their own.

In-campus Accommodation in Hostels

- Double Sharing : Rs. 100/- per day
- Single Sharing : Rs. 200/- per day
- Breakfast / Dinner : Available at College Canteen on payment basis

N.B.: For breakfast and dinner, prior information needs to be given to the Canteen Staff.

For in-campus accommodation, participants are required to send their consent (Double Sharing/Single Sharing) to the following Mail Id: **manabhanjan80@rediffmail.com**. Accommodation will be provided on 'first come first served' basis.