AICTE Sponsored	About the institution	about the course
	IIT Madras is a premier centre for teaching, research	The primary aim to propose this course is to sta
Short Term Course on	and industrial consultancy in the country. The campus	academic and industrial research in the area (
	in the month of February is expected to be pleasant	knowledge base that exists and being developed b
Structural Analysis and Design of	with temperatures around 28 °C (max) and 20 °C	the academicians and researchers across the world
Pressure Vessels (SAaDPVs)	(min). On campus guest house and hostel	The main objective of the short term course is t
	accommodations will be provided for the participants	introduce the basic and advanced elements that
5 - 12 February 2018	based upon availability.	govern the structural analysis and design of PVs
5 - 12 1 Cordary 2010	About the course	Various leading experts will be delivering lectures an
Organized by	Since the first wide use of pressure vessels (e.g.	structural analysis and design of PVs during the
organized by	submarines, underwater vehicles, pressure chambers	proposed course.
AN JUDIA	and boilers) in World War I, their presence has	
A Survey of the second	are important for both civilian applications including	Course contents
	marine science, salvage, exploration and facility	The tentative list of topics to be covered in this cours
litmadras 🥖 👔 📣 🛔	inspection/maintenance and military applications	is:
TECHNOLOGY	including attacking enemy surface ships or	- Introduction about pressure vessels,
तिहिस्यति कर्मती	submarines, aircraft carrier protection, blockade	- Basic principles of structural analysis,
Department of Ocean Engineering	running, ballistic missile platform, reconnaissance,	- Local loading and local attachments.
Indian institute of Technology Madras	conventional land attack and covert insertion of special	- Flanges, and Pipe bends,
Chennai (TN) - 36. PIN - 600 036. India.	more specialized tasks such as search-and-rescue	- Matrix and computer analyses of pressure vessels,
www.oec.iitm.ac.in	operations or undersea cable repair. Based on their	- Stiffness and flexibility matrices,
Spansarad by	wider operational capabilities they are employed in	- Equilibrium and compatibility conditions,
Sponsored by	navies, coastal protection/patrol forces, tourism and	- Equilibrium methods,
	undersea mining/archaeology activities, etc. The	- Externally pressurized vessels
Stell for Tealing	technical expertise in the area of pressure vessel	- Creep effect analysis,
	dobal and national level. Even the premier institutions	- Analysis of ligament stresses, and
यागः जगर्मस् जोरामम् हि	in India, including IIT Madras, who otherwise have	- Applications in design and analysis of pressur
	pioneered research in various areas related to	vessels like submarines, underwater vehicles
	pressure systems, have not built any significant	pressure chambers and bollers, etc.
AICTE, New Delhi - 110 070, India	research base in pressure vessel related areas. In fact most of our educational institutions lack even primary	Important dates
www.aicte-india.org	understanding of pressure vessel design and	Last date of registration: Jan. 22, 2018
Course Coordinator	in the area of 'Pressure Vessel Design and	Intimation of solucition: Ion 24, 2019
Dr. R. Sharma, Associate Professor, Department of	Engineering (PVDaE)' and to initiate first concrete	mumation of selection: Jan. 24, 2018
Ocean Engineering, Indian Institute of Technology	effort in continuous educational training, we are	Course dates: 5 - 12 February 2018
iviauras, Unennai (Tamii Nadu) - 600 036, India. Phone numbers: +91-44-2257-4822 (ח): +91-8122636837 (כפוו)	operating this short term course on 'Structural Analysis	Participation certificate
<b>E-mail:</b> rajivatri@iitm.ac.in	and Design of Pressure Vessels' with financial support	Certificate of participation will be issued to all the participant
Research gate profile: www.researchgate.net/profile/R_Sharma3	from the AICTE, India.	only after successful completion of the course.

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	How to apply?	Financial Assistance	AICTE Sponsored Short Term Course on	
		Limited number of - first 30 - participants from	"Structural Analysis and Design of Pressure	6
Ł	• By e-mail: Scanned copy of the filled in	AICIE approved engineering institutions will be	Vessels (SAaDPVS)", 5-12 February 2018	
J.	application form duly endorsed by the	eligible for to and fro railway fare via the shortest	REGISTRATION FORM	
	forwarding authority to be mailed at	Channai India Eurthermore they will be provided	1. Name (block letter):	8
£	raiivatri@gmail.com and cc to the	free lodging and boarding in the institute quest	2. Designation & pay scale:	
2	rajivatri@vaboo.com.bv.lan.22.2018	house/hostels during the period of the course	4. Address for communication:	10
×	<u>rajivatine yanoo.com</u> by Jan. 22, 2010.	nouse/nostels during the period of the course.		
Å.		<b>Note 5:</b> Only the candidates attending the course in		
2	• By post: Dr. R. Sharma, Associate Professor,	full will be eligible for TA.	Ph. No.: Fax No.:	18
Jr	Department of Ocean Engineering, Indian			
£	Institute of Technology Madras, Chennai	<b>Note 6:</b> For all other participants no TA, lodging and	5. Hignest Academic Qualification:	
	(Tamil Nadu) - 600 036. India.	boarding support will be paid by the IIT Madras,	7 Experience (in years):	8
¥	(	India.	(a) Teaching:	
3	Application format is given in this breakure		(b) Industrial:	0
×.	• Application format is given in this brochure.	Registration fee for industry and other persons	8. Amount of TA required as per entitlement mentioned in the	
£	Note 1: Along with the application, the applicants	All other interested participants need to pay a	brochure (only for AICTE approved college teachers):	
2	have to cond a demand droft for 1000 Da drown on	registration fee of 20, 000 Rs. (i.e. registration fee =	9. Mastery in Matlab <sup>111</sup> : Novice/Medium/Expert user	18
Å.	have to send a demand draft for 1000 RS. drawn on	16400 Rs. and GST = 3600 Rs.).	Please register me for the course on "SAaDP\/s' to be held at IIT.	
£	any of the nationalized/private banks in favor of		Madras. India.	
<u> </u>	"Indian Institute of Technology Madras' as a caution	For students the registration fee is: 10, 000 Rs. (i.e.		8
Ł	deposit towards confirmation of their participation.	registration fee = $8200$ Rs. and GST = $1800$ Rs.).	Place:	
L.		This fee is to be paid by a demand draft drawn on	Date:	
	Note 2: For the selected participants, the caution	any of the nationalized/private banks in favor of	(Signature of the applicant)	
£	money shall be refunded on the last day of the	"Indian Institute of Technology Madras'		
	course only if the participant joins the course.		SPUNSURSHIP	
×	Note 2. For the new selected neuticipants, the	<b>Note 7:</b> These participants will not receive any TA,	Prof./Dr./Mr./Ms./Mrs is an	
£	Note 3: For the non-selected participants, the	lodging and boarding support.	sponsored. The applicant will be permitted to attend the short	
2	caution money shall be refunded on the day of		term course on "SAaDPVs" at IIT Madras during date of STC, if	10
×.	selection and will be sent by speed post.	Course assistants	selected.	
L.	Nete 4. Discos cond your duty filled in employed	The following course assistants can be contacted		ľ
<u>्</u> `	Note 4: Please send your duly filled-in application	for any clarification needed on doubts or in case any		6
Ł	form and demand draft to the course coordinator at	other detail or information is needed:	Date: (Signature of Sponsoring Authority)	
5	the earliest.		Designation:	0
	Courses notice	- IVIR. B. K. TIWARI, e-mail: trybktiwari@gmail.com		
¥	Course notes	Mr. P. P. Sahaa, a mail: patit lugku@gmail.com	Official Seal:	
	will be provided to all the selected participants		DD No.:	0
×		Also, the course coordinator can be contacted	Bank:	
L.			Amount: 1000 Ks.	
	اکٹر اکٹر اکٹر اکٹر اکٹر اکٹر اکٹر اکٹر	کر گکر گکر گکر گکر گکر گکر گکر گکر گکر گ	ا وہ کو	<b>C</b>