



Day wise Schedule for Webinar Series

Learn more about Water Technology: Role of Water Technology and challenges in the Water Sector after the Covid-19 lockdown

Module	Date	Time	Topic	Speaker
Module-1 Brief Introduction to the Water Sector (4 Sessions)	01.06.20	11.00 AM -12.00 PM	Introduction to Water cycle & Water Management	Mr. Hugo Van Niekerk Dr. Debarpita Ghosal
	01.06.20	03.00 PM -04.00 PM	Discussion on Potable water	Mr. Hugo Van Niekerk
	02.06.20	11.00 AM -12.00 PM	Overview to Industrial Water Sector	Mr. Hugo Van Niekerk
	02.06.20	03.00 PM -04.00 PM	Discussion on Wastewater management	Mr. Hugo Van Niekerk
Module-2 Role of Skilled Manpower in the Water Sector. (2 Sessions)	03.06.20	11.00 AM -12.00 PM	Challenges of Water Sector across the globe	Mr. Hugo Van Niekerk
	03.06.20	03.00 PM -04.00 PM	Skilling ecosystem across the globe	Mr. Rajat Samantaray Mr. Aswatha Narayana
Module-3 Introduction to WorldSkills (2 Sessions)	04.06.20	11.00 AM -12.00 PM	About WorldSkills, WorldSkills Standard Specification. Documents Overview: TD, TP, PPE, PPF, IL, MS	Mr. Rajat Samantaray
	04.06.20	03.00 PM -04.00 PM	WSSS for Water Technology, Competition Rule, Detailed overview of TD, TP, PPE, PPF, IL, MS for Water Technology	Mr. Rajat Samantaray
Module-4	05.06.20	11.00 AM -12.00 PM	Professional Practice during WS Water Technology Competition	Mr. Rajat Samantaray



WorldSkills Water Technology, it's modules (6 Sessions)	05.06.20	03.00 PM -04.00 PM	Virtual Reality based Water & Wastewater process	Mr Aswatha Narayana
	06.06.20	11.00 AM -12.00 PM	Chemical & Biological analysis (Laboratory work)	Mr Aswatha Narayana
	06.06.20	03.00 PM -04.00 PM	Mechanical Maintenance in Water & Wastewater Treatment Plant	Mr Aswatha Narayana
	08.06.20	11.00 AM -12.00 PM	Automation in Water & Wastewater Treatment Plant	Mr Aswatha Narayana
	08.06.20	03.00 PM -04.00 PM	Documentation & Water Reports	Mr Aswatha Narayana
	Module-5 Automation in Water Sector (5 Sessions)	09.06.20	11.00 AM -12.00 PM	Introduction to Automation in Water Sector
09.06.20		03.00 PM -04.00 PM	A brief discussion on Factory & Process Automation with Industrial Control System.	Mrs. Barnali Brahma
10.06.20		11.00 AM -12.00 PM	Understanding Control System through EduKit-PA	Mrs. Barnali Brahma
10.06.20		03.00 PM -04.00 PM	Learning environments with FluidLab® PA process in MPS PA Compact Workstation	Mrs. Barnali Brahma Mr Aswatha Narayana
11.06.20		11.00 AM -12.00 PM	EDS® Water Management Wastewater treatment	Mr Aswatha Narayana
Module-6 Chemical and Environmental Aspects (5 Sessions)	11.06.20	03.00 PM -04.00 PM	Sources of wastewater and different pollutants	Dr. Debarpita Ghosal
	12.06.20	11.00 AM -12.00 PM	Aspects of parametric measurement of water pollutants	Dr. Debarpita Ghosal
	12.06.20	03.00 PM -04.00 PM	Chemical/Analytical techniques for the quantitative determination of water pollutants	Dr. Debarpita Ghosal



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	13.06.20	11.00 AM -12.00 PM	Treatment Processes for Wastewater	Dr. Debarpita Ghosal
	13.06.20	03.00 PM -04.00 PM	Challenges of Wastewater sector post-COVID-19	Mr. Hugo Van Niekerk