

**Institute of National Analytical Research and Service (INARS)**  
**Bangladesh Council of Scientific and Industrial Research (BCSIR)**  
**Internal Training Schedule: 2022 2023**

Sl. No.	Name of the parameter	Name of the Instrument	Date/ Day	Trainee	Trainer	Supporting Staff	Course coordinator
1.	<sup>1</sup> H & <sup>13</sup> C	NMR Spectrometer	16-17 October 22	Shofiul Islam Mollah Jamal, SSO Md. Ripaj Uddin, SO Aynun Nahar, SO	Shamim Ahmed, PSO Dr. Muhammad Abdullah Al Mansur, PSO	Sahela Sultana, LDA Nurul Islam, Jr. Tech	Md. Ahedul Akbor, SSO
2.	C,H,N,S	Elemental Analyzer	30-31 October 22	Md. Abu Bakar Siddique, SSO Ismail Hossain, RC Tajnin Jahan, SO	Shamim Ahmed, PSO Dr. Sabina Yasmin, SSO	Sahela Sultana, LDA Moin Uddin, Lab Attendnt.	Dr. Muhammad Abdullah Al Mansur, PSO
3.	Residual Alcohols, PAH	Gas Chromatograph (GC)	09-10 November 22	Dr. Sabina Yasmin, SSO Shahnaz Sultana , SO Md. Mehedi Hasan, SO	Md. Ahedul Akbor, SSO Aynun Nahar, SO	Sahela Sultana, LDA Md. Abu Hanif, Lab Attendant	Shamim Ahmed, PSO
4.	Alkalinity, Free Chlorine	Titrimetric	23-24 November 22	Khondoker Pervaze Ahmed, Jr. Tech. Md. Saleh Ahmed, Jr. Tech. Md. Shahjalal Sarker, Jr. Tech.	Md. Ahedul Akbor, SSO Shofiul Islam Mollah Jamal, SSO	Sahela Sultana, LDA Jomir Ali, Lab Attendant	Shamim Ahmed, PSO
5.	Phosphate, NH <sub>3</sub>	UV-Visible Spectrometer	07-08 December 22	Md. Abu Bakar Siddique, SSO Md. Mehedi Hasan, SO Md. Ismail Hossain, RC	Dr. Muhammad Abdullah Al Mansur, PSO Tajnin Jahan, SO	Sahela Sultana, LDA Md. Shiper Miah, Lab Attendant	Shamim Ahmed, PSO
6.	Na, K	Flame Photometer	14-15 December 22	Tajnin Jahan, SO Md. Saleh Ahmed, Jr. Tech. Md. Shahjalal Sarker, Jr. Tech.	Md. Ahedul Akbor, SSO Md. Abu Bakar Siddique, SSO	Sahela Sultana, LDA Md. Abu Hanif, Lab Attendant	Shamim Ahmed, PSO
7.	pH, Conductivity	Multimeter	04-05 January 23	Shahnaz Sultana, SO Md. Saleh Ahmed, Jr. Tech. Jahangir Alam, Jr. Tech.	Dr. Muhammad Abdullah Al Mansur PSO Dr. Humayun Kabir, SSO	Woaz Kazi, LDA Ahammad Ali Islam, Lab. Tech	Md. Ahedul Akbor, SSO
8.	TDS, TSS	Gravimetric	18-19 January 2023	Khondoker Pervaze Ahmed, Jr. Tech. Md. Saleh Ahmed, Jr. Tech. Md. Shahjalal Sarker, Jr. Tech.	Dr. Sabina Yasmin, SSO Md. Abu Bakar Siddique, SSO	Sahela Sultana, LDA Nurul Islam, Jr. tech	Dr. Muhammad Abdullah Al Mansur, PSO
9.	COD, BOD	Titrimetric	08-09 February 23	Khondoker Pervaze Ahmed, Jr. Tech. Md. Moin Uddin, Lab Attendnt. Md. Shiper Miah, Lab Attendnt.	Shahnaz Sultana, SO Md. Jahangir Alam, Jr. Tech.	Amir Hossain, MLSS Nasima Begum, Jr. Tech.	Md. Ahedul Akbor, SSO
10.	Color, NH <sub>3</sub>	UV-Visible Spectrometer	22-23 February 23	Aynun Nahar, SO Shahnaz Sultana, SO Md. Ismail Hossain, RC	Tajnin Jahan, SO Md. Ripaj Uddin, SO	Woaz Kazi, LDA Jahangir Alam, Jr. Tech.	Dr. Muhammad Abdullah Al Mansur, PSO

11.	Acidity, CO <sub>2</sub> , Hardness	Titrimetric	01-02 March 23	Khondoker Pervaze Ahmed, Jr. Tech. Jomir Ali, Lab Attendant. Md. Shahjalal Sarker, Jr. Tech.	A. H.M. Shofiul Islam Mollah Jamal, SSO Md. Ripaj Uddin, SO	Sahela Sultana, LDA Md. Abu Hanif, Lab Attendant.	Dr. Muhammad Abdullah Al Mansur, PSO
	As (As), Mercury (Hg)	AAS	16-17 March 23	Dr. Humayun Kabir, SSO Dr. Sabina Yasmin, SSO Md. Ripaj Uddin, SO	Md. Abu Bakar Siddique, SSO Md. Mehedi Hasan, SO	Ahhammad Ali Islam, Lab. Tech Nasima Begum, Jr. Tech.	Md. Ahedul Akbor, SSO
	H <sub>2</sub> O <sub>2</sub> , Glycerene	Titrimetric	05-06 April 23	Md. Abu Bakar Siddique, SSO Sharmin Ahmed, SO Md. Jahangir Alam, Jr. Tech	Dr. Humayun Kabir, SSO A. H.M. Shofiul Islam Mollah Jamal, SSO	Sahela Sultana, LDA Nurul Islam, Jr. Tech.	Dr. Muhammad Abdullah Al Mansur, PSO
	E. coli, Coliform	Microbiological	16-17 April 23	Dr. Humayun Kabir, SSO Sharmin Ahmed, SO Md. Ripaj Uddin, SO	Shahnaz Sultana, SO Dr. Sabina Yasmin, SSO	Sahela Sultana, LDA Amir Hossain, MLSS	Md. Ahedul Akbor, SSO
	Lead (Pb), Cadmium (Cd)	AAS	10-11 May 23	Sharmin Ahmed, SO Shofiul Islam Mollah Jamal, SSO Aynun Nahar, SO	Md. Abu Bakar Siddique, SSO Md. Mehedi Hasan, SO	Woaz Kazi, LDA Nasima Begum, Jr. Tech.	Dr. Muhammad Abdullah Al Mansur, PSO
5.	Turbidity, Salinity	Multimeter	24-25 May 23	Md. Ismail Hossain, RC Md. Jahangir Alam, Jr. Tech Md. Moin Uddin, Lab. Attendant.	Dr. Humayun, Kabir, SSO Dr. Sabina Yasmin, SSO	Sahela Sultana, LDA Md. Shiper Miah, Lab Attendant.	Md. Ahedul Akbor, SSO
17.	Total N <sub>2</sub>	Kjheldal Nitrogen	07-08 June 23	Shofiul Islam Mollah Jamal, SSO Md. Mehedi Hasan, SO Sharmin Ahmed, SO	Dr. Humayun Kabir, SSO Aynun Nahar, SO	Woaz Kazi, LDA Amir Hossain, MLSS	Dr. Muhammad Abdullah Al Mansur, PSO
18.	Caffeine	HPLC	18-19 June 23	Dr. Sabina Yasmin, SSO Tajnin Jahan, SO Sharmin Ahmed, SO	Dr. Humayun Kabir, SSO A. H.M. Shofiul Islam Mollah Jamal, SSO	Sahela Sultana, LDA Md. Moin Uddin, Lab. Attendant.	Md. Ahedul Akbor, SSO


