

**INSTRUMENTATION AUTOMATION SURVEILLANCE & COMMUNICATION
SECTOR SKILL COUNCIL
B-12 (2nd & 3rd Floor), Sector-1
Noida – 201301**

Minutes of 21st Governing Council Meeting held on 29th September 2020

The **21st Governing Council Meeting** was held on **29th September 2020 at 11:00 A.M. onwards** at Instrumentation Automation Surveillance & Communication Sector Skill Council office at **B-12 (2nd & 3rd Floor), Sector-1 Noida - 201301 / through On Line.**

Members Present:

Sr.No	Attendees	Position in IASC-SSC	Designation	Organization
1	Mr. Anupam Jaiswal	GC Member	Chairman	IASC-Sector Skill Council
2	Mr. Nagendra Goel	GC Member	Chairman & Director	Bips Systems Ltd
3	Mr. Ashok D. Shahane	GC Member	Non-Executive Director	IASC SSC /Nominated Director by NSDC
4	Ms. Renu Agrawala	GC Member	Director	Indo Nuclear Energy Pvt Ltd, IASC-Sector Skill Council
5	Mr. A.K Jain	GC Member	Ex-CMD	Rajasthan Electronics & Instrumentation Ltd.
6	Mr. Avijit Das	GC Member	Director	NABL
7	Mr. V. Nagendran	GC Member	Chairman	Nagman Instruments and Electronics Pvt Ltd
8	Mr. Harish Nachnani	GC Member	National Sales Head	FESTO
9	Mr. Milan Desai	GC Member	Vice President	Phoenix Contact (I) Pvt Ltd
10	Dr. Babu Lal	GC Member	Ex-ED	BHEL
11	Ms. Anjula Gupta	GC Member	Chartered Accountant	Suresh Chandra & Associates
12	Mr. Ajay Bhushan	Ex-Officio Member	Officiating O-CEO	IASC-Sector Skill Council
13	Mr. Mohan Reddy	Representative	SSC Governance Team	NSDC
14	Mr. A. Balamurugan	Ex-Officio Member	Vice President-Operations	IASC-Sector Skill Council
15	Mr. Ashok Bhattacharya	GC Member	Technical-Consultant	

As the Quorum was complete, the meeting was called to order.

Agenda was already circulated to all the members. Members requested Mr. Anupam Jaiswal (Chairman IASC-Sector Skill Council) to take the Chair. With the permission of the Chair, officiating CEO, Mr. Ajay Bhushan commenced the proceedings. Agenda points were discussed which are covered in the succeeding paragraphs.

1. Confirmation of Minutes- 20th GC Meeting

Confirmation of Minutes of 20th GC Meeting which was held on 12th June 2020 in the Council office. The minutes of meeting duly approved by chairman were circulated among the members, few comments were received on HR policy which will be discussed today as no comments received the minutes are approved (except HR Policy)

2. A.) 100 days plan and Business Plan for Q-3 and Q-4.

100 days Plan V/s Achievements from June to Sept' 2020

100 Days Business Plan		
Project Name	Total Numbers	Under Execution
Paid / Campus /CSR for Certification	100	15,073
Government Projects Targets	1,850	1224
TOT	50	45 (30 already certified and 15 planned on 28th Sept. 2020)
TOT / TOA Renewal	50	20
Addition of TPs	20	18
RPL / STT	5,500	1860

Reference to the 20th GC Meeting as advised by Mr. Ashok Shahane that the 1st Quarter of this Financial Year is ruined due to epidemic COVID-19; it will be good to review/re-analyze the Annual Business Plan and Revenue & Expenditure for Financial Year 2020-21. He also advised to prepare the 100 days target program in phase-1. Based on the suggestion, the same was prepared and the details of achievements were discussed in detailed in the meeting. Mr. Mohan Reddy raised the question that is all the numbers are on Skill India Portal? Mr. Goel replied that the projects may be under execution stage, O-CEO confirmed this. He further updated that all the numbers are from Paid RPL programme. Mr. Ashok Shahane suggested that in the business plan expected achievement figures should come in 4th Column of the plan, which will provide that how strong the council is proceeding towards the targets. He also assured that all GC members and NSDC will provide the complete support to achieve the targets. Dr. Babu Lal added that the actual achievement should be also part of Target V/s. achievement sheet. GC advised the O-CEO to incorporate the suggestions in the given sheets.

B.) Business Plan for Q-3 & Q-4

Business Plan Q-3 & Q-4				
Project Name	Total	Q3	Q4	Remarks
Paid / Campus for certification	5,000	2000	3000	
RPL	120,000	40000	80000	
Short Term Training (STT)	10,000	4000	6000	
National Apprenticeship Program Scheme (NAPS) Contract	200	60	140	
New QPs to be added	19	5	10	4 already approved
Total Content to be created	14	7	7	
Online Content e-Kaushal	14	7	7	
NAPS curriculum	14	6	8	1 ready and 5 under execution

New Business plan for Q-3 and Q-4 was presented for the approval of Governing Council. With the permission of the chair Mr. Nagendra Goel (Founder Chairman, IASC) shared his views that as per the IASC Sector Skill council is concern and the New education policy have introduced we have to redesign the process of our QPS which will be now designed for the colleges and universities. He added that 60% to 70% of the QPs should be on level 6 onwards and the council has to align with the technical universities and closely work with them. Being the technical council the QPs should have the clear demarcation in 2 manners, One the QPs should be for Graduates and second for CBSE and ITI's level. Mr. Goel informed the GC that in next NOS committee meeting the council will redesigned the QPs which should go beyond Level 5 and above as the Government focus is on R&D sector , designing and Development . Mr. Ashok Shahane has endorsed the suggestions given by Mr. Goel and appreciates the work done by the council under his supervision. He also instructed to Mr. Mohan Reddy to arrange the webinars related to the suggestions given by Mr. Goel.

Mr. Avijit Das raised the question that under the current scenario how the figure of 1,20,000 candidates under RPL will be achieved ? In reply of the same O-CEO has communicated that the RPL numbers are worked out on the basis of state skill development missions such as UPSDM, BSDM, JSMD, PSDM, ASDM, PMKVY and with association like AIMA for MSME paid RPL Programme.

Mr. Nagendra Goel added that various associations like cement, Paper, Sugar, Steel, AIMA, CII, NSIC etc. have consolidated their manpower to be certified under paid RPL programme. Mr. Ashok Shahane appreciated the planning suggested by Mr. Goel. He also updated that most of our QPs are now creating for industry 5.0 to move with colleges and universities. Mr. Ashok Shahane and GC members appreciated the efforts made by Mr. Ashok Bhattacharya for his contribution to council.

Chairman, Mr. Anupam Jaiswal added that the focus should also be given on ordnance factories like Kanpur etc. GC members appreciate the suggestion given by the chairman.

3. Approval & Progress of Qualification Packs Development / NAPS Curriculum/ Content Development.

Mr. Balamurugan has explained about the Progress of Qualification Packs Development / NAPS Curriculum/ Content Development. 4 QPs have already submitted for NSQC approval and 2 submitted for QRC approval .Detailed information about Qualification Packs are mentioned below.

Sr.No.	Status	Qualification Pack	Sub Sector	QP Code	NSQF Level
1.	QPs submitted for NSQC approval(4)	Testing and Calibration – Electro technical	Instrumentation & Automation	IAS/Q5002	4
		Testing and Calibration – Mechanical Dimension	Instrumentation & Automation	IAS/Q5003	4
		DCS Programmer and Troubleshooter	Instrumentation & Automation	IAS/Q5605	4
		HMI/SCADA Programmer and Troubleshooter	Instrumentation & Automation	IAS/Q5606	4
2.	QPs submitted for QRC approval(2)	VFD Programmer and Troubleshooter	Instrumentation & Automation	IAS/Q5607	4
		Mechatronics Technician	Instrumentation & Automation	IAS/Q5701	4
3.	QPs for Industrial Validation (3)	Testing and Calibration – Process Parameters	Instrumentation & Automation	IAS/Q5011	4
		Operation and Maintenance - Flue Gas Analyzers	Instrumentation & Automation	IAS/Q56**	4
		Operation and Maintenance - Water Quality Analyzers	Instrumentation & Automation	IAS/Q56**	4
4.	QPs under development (10)	Home Automation Technician	Instrumentation & Automation	IAS/Q56**	4
		I/IOT based factory Automation Technician	Instrumentation & Automation	IAS/Q56**	4
		I/IOT based factory Automation Engineer	Instrumentation & Automation	IAS/Q56**	5
		I/IOT based factory Automation Specialist	Instrumentation & Automation	IAS/Q56**	6
		DCS Specialist	Instrumentation & Automation	IAS/Q56**	6
		AI/ML Specialist	Instrumentation & Automation	IAS/Q56**	6
		Smart City Technician	Instrumentation & Automation	IAS/Q56**	4
		High-end Security Surveillance	Surveillance	IAS/Q69**	5
		Autonomous Robotics Expert	Instrumentation & Automation	IAS/Q56**	6
		Manager System Integration	All	IAS/Q56**	7

**National Apprenticeship Promotion Scheme (NAPS)
Curriculum Development (Plan & Status)**

Status	Sr. No	Qualification Pack	NSQF Level
Ready	1	Junior Instrumentation Technician Process Control	4
Under Development	2	Cabling Technician (Multi Skill)	4
	3	PLC Programmer and Trouble Shooter	4
	4	Instrumentation Technician Process Control	4
	5	Industrial Automation Technician	4
	6	Industrial Automation Specialist	5
Plan to Develop	7	HMI / SCADA Programmer and Trouble shooter	4
	8	DCS Programmer and Trouble Shooter	4
	9	Installation and Commissioning Technician (AM/FM Radio Station)	4
	10	Testing and Calibration - Mechanical Dimension	4
	11	Testing and Calibration - Electro Technical	4
	12	Building Automation Specialist	5

Content (Participant Handbook & Facilitator Guide) Development & Plan

Status	Sr. No	Qualification Pack	NSQF Level
Content ready	1	Industrial Automation Technician	4
	2	Industrial Automation Specialist	5
	3	Junior Instrumentation Technician Process Control	3
	4	Instrumentation Technician Process Control	4
	5	Installation and Commissioning Tech Head End	4
	6	Calibration Technician (Thermal)	4
	7	Instrumentation Technician (Control Valve)	4
Under Development	8	Cabling Technician (Multi Skill)	4
	9	PLC Programmer and Trouble Shooter	4
	10	Installer Additive Manufacturing (3D Printing)	4
Plan to Develop after NSQC approval	11	HMI / SCADA Programmer and Trouble shooter	4
	12	DCS Programmer and Trouble Shooter	4
	13	Installation and Commissioning Technician (AM/FM Radio Station)	4
	14	Testing and Calibration - Mechanical Dimension	4
	15	Testing and Calibration - Electro Technical	4
	16	Building Automation Specialist	5

Dr. Babu Lal said that all the QPs which are under development are very relevant, such as high end security surveillance and autonomous Robotics experts should be on level 6, 7 & above. Mr. A. K. Jain appreciated that the council is moving towards the right direction and is on fast track.

4. Approval of HR Policy (Amendment V-1.0)

Reference to the last GC Meeting Mr. Mohan Reddy (Representative-NSDC) had advised to incorporate the process for selection of CEO/COO in HR Policy. Members were also requested to provide their inputs related to HR Policy. Mr. Nagendra Goel (Founder Chairman) had suggested that Daily Allowance/Travel Allowance should be clearly defined in the Policy along with the details of Privilege Leaves. Based on the same the suggestions were put up in front of HR Committee on dated 25th July 2020 and the amendments have been incorporated. The amended version 1.0 is enclosed herewith (**Annexure-1**) for the approval of Governing Council. GC advised the officiating CEO to take the approval by circulation.

5. Inclusion of top 5 Industry members in the Governing Council

Reference to the email received from NSDC dated 4th August '2020 regarding the Inclusion of top 5 Industry members in the Governing Council /Board of SSCs. O-CEO informed that Our Council already has the representation from BECIL, Bharat Heavy Electricals Limited, FESTO, Dept of Heavy Industry (DHI) and National Accreditation Board for Testing & Calibration Laboratories (NABL). We have send the proposal to induct 5 GC Members from the prestigious organizations i.e. Siemens Limited, Schneider Electric India, Bharat Electronics Limited, Central Electronics Limited, BOSCH, DEN and Airtel. Founder Chairman suggested that roped in more GC members from Universities as the inputs received from them will be more beneficial for council. He suggested including the Dean of IP University as GC Member. Mr. A.K. Jain appreciated the suggestion and added that Institute participation will increase the employability.

6. Memorandum of Understanding (MoU) signed (June 2020 to Sept 2020)

Officiating CEO given the details of MoU signed between June '2020 to September'2020 which is as under for the reference of GC members:

- Meerut Institute of Engineering and Technology (MIET): COE for Industrial Automation, 6 Faculty nominated for Faculty Development Program, 200+ Students attended the online seminar
- All India Council for Robotics & Automation (AICRA): Council is associated with the AICRA to work in the Oil and Gas Sector.
- Shri . Vishwakarma Skill University (SVSU): MoU signed to establish the framework for programs for exchange and collaboration in areas of skill development in creation on livelihood on unemployed youths, up-skilling and RPL projects for MSMEs industries on Industry 4.0 outcome based trainings, assessment and certification under various skill development projects on approved IASC-SSC job roles/QPs.
- Pondicherry Engineering College: MoU signed for conducting D.Voc Program on Industrial Automation job role.
- Dr. Babasaheb Ambedkar Marathwada University: MoU signed for expansion of new technical skill based manpower training and train existing faculty and interns training students on IASC-SSC job roles/QPs .
- MES College, Kerala: MoU signed for conducting B.Voc program on Industrial Automation job role, 73 Students to be assessed in the month of September 2020.

- NITCON Ltd: MoU signed for creating livelihood program, Atma-Nirbhar Bharat by skilling the unemployed youth and up-skilling projects for MSME industries on Industry 4.0 outcome based training.

7. Details of Webinars organized during June 2020 to Sept 2020.

- **SME Meet to empanel Subject Matter Experts and to increase Master Trainer / Lead Assessor Capacity on 11th Jul, 2020.**

A webinar was organized on 11th July 2020 by team IASC-SSC regarding SME Meet to empanel Subject Matter Experts and to increase Master Trainer / Lead Assessor Capacity. The seminar was attended by 20 industry experts including A.K Jain (Ex-CMD, REIL), Shri. Babu Lal (Ex- Executive Director, BHEL) Mr. Nagendra Goel (Chairman, Bips Group of Companies), Shri. H.K Kadam (Ex-GM Technical, RCF), Shri. Satvinder Singh (MD, NITCON) and few members of Siemens, Schneider etc.

20 industry experts empanelled as IASC-SSC subject matter experts and 7 master trainers added after the seminar.

- **SLP Government (PG) College on 25th Jul, 2020**

One week virtual International Faculty Development Program (FDP) organized by Government S.LP (PG) College Morar, Gwalior in technical association with PG Tech Research Institute (PGTRI) Indore, was held on 25th July 2020 where IASC-SSC founder Chairman Shri. Nagendra Goel was the Chief Guest of the program. For incredible contribution as a Chief Guest for the Development Program award and recognition monument was provided to the Chief Guest.

Other Suggestions received from GC Members:

Mr. Ashok Shahane and Mrs. Anjula Gupta advised officiating-CEO that from next meeting onwards Income and Expenditure Expenses also be prepared to assess the cash flow position of council.

Mr. Goel suggested the formation of Business committee consisting of GC members and members from outside to facilitate O-CEO for smooth operations of council.

Mr. Ashok Shahane advised that the council should not go for the numbers but should focus on the quality skills for the youth. He also suggested creating the impact report of the certifications done. Officiating CEO informed that we are already doing the same and are submitting to the concerned Industries.

Mr. A.K. Jain suggested to O-CEO to share at least one important issue in every GC meeting related to the opportunity and achievement of the council.

The meeting ended with the votes of thanks to chair
