

# ***APFNDT Regional News***

***Newsletter Vol. 4, Issue 3. January, 2022***

***Asia Pacific Federation for Non-Destructive Testing  
(APFNDT)***



**Asia Pacific Federation for Non Destructive Testing**

## CONTENTS

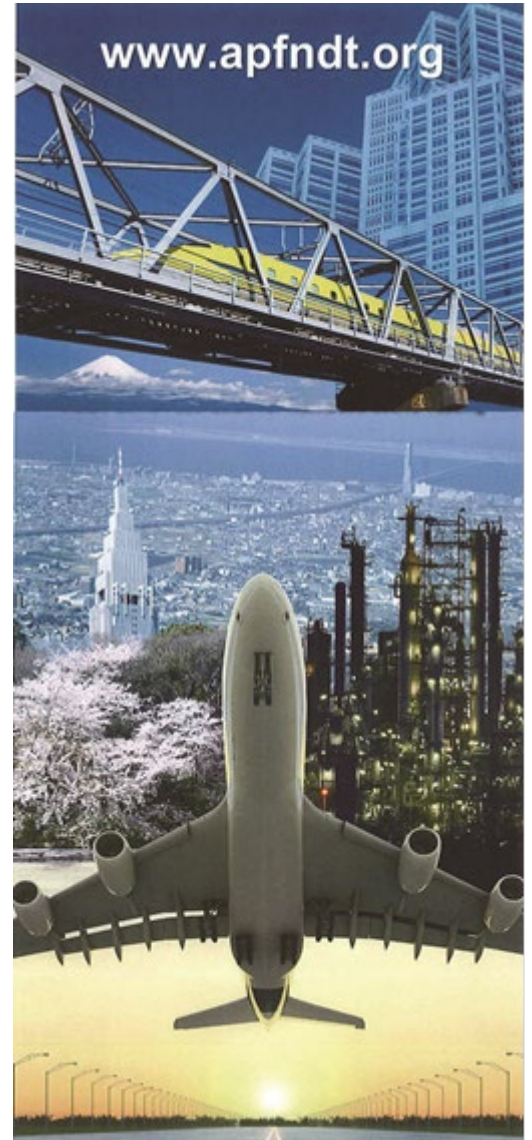
- I. Current APFNDT Board of Directors
- II. Message from the President of APFNDT
- III. Dr. Ooka Receives Prime Minister Award (JSNDI)
- IV. 20<sup>th</sup> WCNDT Update (KSNT)
- V. NDT and Mental Health (AINDT)
- VI. ASNT Asia-Pacific Update
- VII. Report from Bangladesh (BSNDT)
- VIII. APFNDT Task Group 7 NDE 4.0 (AINDT)

### Advertisements

- (1) 2024 Photo Competition (ICNDT)
- (2) WCNDT 2024 (KSNT)
- (3) APCNDT 2023 (AINDT)
- (4) PANNDT 2023 (CINDE)
- (5) Regional Events

### Secretariat of APFNDT

C/O The Japanese Society for Non-Destructive Inspection  
10F Tachibana Annex Building, 2-25-14 Kameido, Koto-ku, Tokyo, 136-0071, Japan  
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## I. Current APFNDT Board of Directors

### APFNDT Executive Committee (AEC) 2017-2023



#### President

Dr. Norikazu Ooka  
The Japanese Society for  
Non-Destructive Testing (JSNDI)



#### General Secretary

Mr. Les Dick  
New Zealand Non Destructive Testing  
Association (NZNDTA)



#### Vice President

Dr. Jong Po Lee  
The Korean Society for  
Nondestructive Testing (KSNT)



#### Treasurer

Mr. Kevin Smith  
The American Society for Nondestructive  
Testing (ASNT)



#### Immediate Past President

Dr. B. Venkatraman  
Indian Society for Non-destructive  
Testing (ISNT)



#### 16th APCNDT President,

Mr. Paul Grosser  
The Australian Institute for  
Non-Destructive Testing (AINDT)

### APFNDT Board Members 2017-2023

#### Regional Representative Group One – Western Asia, Central Asia, South Asia

##### Mr. D. J. Varde

The India Society for Non-  
Destructive Testing (ISNT)

##### Mr. Alexander Mullin

The Russian Society for Non-  
Destructive Testing and Technical  
Diagnostics (RSNTTD)

#### Regional Representative Group Two - East Asia, South East Asia

##### Dr. Gong Tian Shen

The Chinese Society for Non-  
Destructive Testing (ChSNDT)

##### Dr. Man Yong Choi

The Korean Society for Non-  
Destructive Testing (KSNT)

##### Dr. Takamasa Ogata

The Japanese Society for  
Non-Destructive Inspection (JSNDI)

##### Prof. Chih-Hung Chiang

The Society for Nondestructive  
Testing and Certification of Taiwan  
(SNTCT)

#### Regional Representative Group Three – Pacific, Oceania

##### Mr. Glenn Tubrett

The Canadian Institute for  
Non-Destructive Evaluation (CINDE)

##### Mr. Pranay Wadyalkar

The Australian Institute for Non-  
Destructive Testing (AINDT)

#### Auditor

##### Dr. S. K. Babu

Non-Destructive Testing Society  
Singapore (NDTSS)

#### Secretariat of APFNDT

The Japanese Society for  
Non-Destructive Inspection (JSNDI),  
[secretariat@jsndi.or.jp](mailto:secretariat@jsndi.or.jp)

## II. Message from the President of APFNDT

Firstly, I would like to wish everyone a very happy and productive New Year as we all move forward with new and exciting goals. Let me briefly report on some past and future APFNDT activities.

Due to the ongoing situation in regards to COVID-19, on October 1, 2021 at 10:00 (Japan Standard Time), the first ever APFNDT General Assembly (GA) was held online. I would like to thank everyone for their attendance, especially those members with difficult time zones.

In order to prepare for the GA, the Executive Committee (AEC) met several times and in addition the full Board met as well. It was agreed that because the need for an online GA would be necessary, arrangements were made to hold the GA and implement a proper voting system. Because of this, the Secretariat continued to prepare even on the day so that the GA would run smoothly. I was also relieved to see that everyone looked to be in good health and spirits.

Last year, ISO/TC 135 and related SC meetings, were held online for approximately two weeks from October 11-22. Overall, several SC's were completed in one day, nine SC's in two to three days, and four to five days including the last TC 135 general meeting. In contrast to face-to-face meetings, it is possible to express ones opinion while watching the faces of those present, but online, it is somewhat difficult to decide whether to agree, disagree, or abstain, but since there were not many comments, it was possible to make smooth progress.

However, we had a lively discussion at the APFNDT general meeting, and I believe we had a productive and fruitful outcome. Online meetings have their advantages and disadvantages, but I would like to get back to face-to-face discussions so that I can see everyone once again.

In promoting APFNDT activities, I would like to do my best together with the current AEC, Board, and member countries until the next APFNDT GA to be held in conjunction with the 16<sup>th</sup> APCNDT in Melbourne, Australia from February 27 to march 3, 2023. As for NDT, there is a worldwide rush for international conferences, but APFNDT member countries should cooperate with each other as colleagues to make WCNDT 2024 a success. I believe that we should not spare any effort. Furthermore, I believe that it is this unity from APFNDT that will lead to the success of the 16<sup>th</sup> APCNDT to be held in 2023, and the next to be held in Hawaii in the United States.

In APFNDT, the Board activities so far have been progressing well even under the spread of COVID-19. With the establishment of internet channels with APFNDT and ICNDT, administrative processes and information exchanges are becoming smoother, the newsletter is being developed, and the budget for each TG's activities are being allocated and in particular we have great expectations for TG 6: Standards and TG 7: NDE 4.0.

In the world of NDT, techniques, personnel, and standards are essential valuables. In order to implement these elements, I believe that we need to collaborate with ICNDT and each region to ensure the implementation of a qualification and certification system for Non-Destructive testing personnel in each country based on ISO 9712, which is under revision. Because of this, I would like to personally ask for the cooperation and support of all member countries.

*Dr. Norikazu Ooka*

Dr. Norikazu Ooka  
President,  
The Asia-Pacific Federation for Non-Destructive Testing (APFNDT)

### III. Dr. Ooka Receives Prime Minister Award (JSNDI)

#### JSNDI Executive Advisor, Dr. Norikazu Ooka, Receives the 2021 Prime Minister Award for Standardization

October 19, the Japanese Ministry of Economy, Trade and Industry (METI) officially made public the winners for the 2021 Industrial Standardization Awards. The presentation ceremony took place the following day on October 20, with 51 award recipients in total. By the nomination of the Japanese Society for Non-Destructive Inspection (JSNDI), Dr. Ooka received the Prime Minister Award for Standardization. This prestigious award is given to those who have demonstrated excellence in promoting standardization and only one applicant is chosen each year. In addition, the ceremony was broadcasted via a live stream due to strict adherence to COVID-19 guidelines.



Dr. Ooka giving his official acceptance speech



Parliamentary Vice-Minister Yumi Yoshikawa and Dr. Ooka

The Japanese Society for Non-Destructive Inspection (JSNDI)

#### IV. 20<sup>th</sup> WCNDT Rescheduled Again for Greater Participation in Better Circumstances (KSNT)

**PLEASE NOTE: Unfortunately, because of the timing between the release of the Newsletter and the announcement from KSNT, there has been another final postponement to 2024. Please see the official site for all of the most up to date information. [www.20thwcndt.com](http://www.20thwcndt.com)**

The 20<sup>th</sup> World Conference on Non-Destructive Testing (20<sup>th</sup> WCNDT) has been rescheduled again and will take place from **30 May – 3 June 2022** at Songdo Convensia, Incheon, South Korea.

- **Background of the Decision to Postpone**

The decision was made based on the judgement that rescheduling a few additional months would facilitate as many delegates as possible to attend from around the world and allow attendees more time to prepare to visit Korea. The rescheduled dates are considered the most convenient time for our participants to travel internationally and are very close to the original dates of the 13<sup>th</sup> ECNDT, which has already been postponed to 3-7 July 2023. The Organising Committee of the 20<sup>th</sup> WCNDT has closely monitored the current pandemic situation and tried constantly to seek available options for the successful hosting of the physical, in-person conference. Equally important, the health and safety of everyone participating in the conference must be the top priority. Although the situation with the COVID-19 pandemic is still unforeseeable, it is profoundly hoped that conditions for international travel could be improved over the next year with increasing vaccination worldwide so that participants can enjoy a live conference in Incheon, Korea.

- **Venue: Songdo Convensia, Incheon**

Located in the Incheon Free Economic Zone (IFEZ), Songdo Convensia is readily accessible from/to the Incheon International Airport (IATA: ICN) and it takes less than an hour from Seoul by public transportation. The conference and exhibition facilities have been fully renovated in 2018. Attendees will enjoy their stay with world-class accommodations within walking distance from the venue and experience of diverse local cultures.

- **Related Logistics Issues**

All paid registrations, accepted abstracts, contracts for exhibition and sponsorship that have been made to date shall be maintained and rolled over to the rescheduled conference. Updated “important dates” for the submission of additional abstracts and the rescheduled registration deadlines in accordance with the new dates are available at the conference website. In addition, the revision of accepted abstracts should be made through the online modification system by logging in to the conference website. Participants are advised to visit the website regularly to check relevant information about the Conference.

The Organising Committee is committed to providing a dynamic technical programme and delivering the best outcomes to all delegates and participants. The 20<sup>th</sup> WCNDT will be an exciting place to network, exchange ideas, and to share experiences with professional colleagues in NDT and related fields from all around the world.

For further information, contact the Conference Secretariat by email: [secretariat@wcndt2020.com](mailto:secretariat@wcndt2020.com) or telephone: +82 2 6257 7568, or visit the website at: [www.20thwcndt.com](http://www.20thwcndt.com)

## V. NDT and Mental Health (AINDT)

What is mental health?

It's an expression we hear almost daily, so it might surprise you that the term 'Mental Health' is frequently misunderstood. 'Mental Health' is often used as a substitute for mental health conditions – such as depression, anxiety conditions, schizophrenia, and others.

According to the World Health Organization, however, mental health is “a state of well-being in which every individual realises his or her own potential, can cope with the normal stresses of life, can work productively and fruitfully, and is able to make a contribution to her or his community.”

So rather than being about 'what's the problem?' it's really about 'what's going well?' "Mental health is about wellness rather than illness" To make things a bit clearer, some experts have tried coming up with different terms to explain the difference between 'mental health' and 'mental health conditions'. Phrases such as 'good mental health', 'positive mental health', 'mental wellbeing', 'subjective wellbeing' and even 'happiness' have been proposed by various people to emphasise that mental health is about wellness rather than illness. While some say this has been helpful, others argue that using more words to describe the same thing just adds to the confusion.

As a result, others have tried to explain the difference by talking about a continuum where mental health is at one end of the spectrum – represented by feeling good and functioning well – while mental health conditions (or mental illness) are at the other – represented by symptoms that affect people's thoughts, feelings, or behavior.

As I'm sure all of our readers can agree, the daily stresses of being an NDT and/or CM Practitioner are enormous due to the amount of operations responsibility

we carry on our shoulders. The associated effects of any form of stress can be hard to recognize and much harder to seek help from a professional or your peers due to the fear of the “stigma” associated with failure or weakness. Let's get it straight from the outset, asking for help with any mental health problems is not a weakness, it shows character and a huge amount of bravery.

Having been part of the wonderful world of NDT for over 20 years, and spending nearly ten years at the AINDT I firmly believe my staff and I have talked or have access to more NDT & CM practitioners within Australia and New Zealand than probably any other person within this great nation which we all call home. Particularly over the past twelve months (or from the start of the COVID-19 pandemic) Mental Health issues have been at the forefront of everyone's minds, NDT and CM is no different with more and more practitioners seeking help or simply just reaching out for someone to talk too we have seen an influx of call and emails from practitioners whom are seeing the effects of the stresses caused by the pandemic. The AINDT is and always will be here for our members and certificate holders wishes to reach out for some impartial assistance or even just a chat.

The inspection industry is a rather unique place, no one actually knows what we do when we run around with our spray cans of fairy dust and our magical boxes with touch screens. This often leads to us being rather insular in our work and non-work activities. Many inspectors spend a huge amount of time only interacting with other inspection personnel, unfortunately this is just a consequence of the dark art that is NDT & CM but it can lead to many people in our circle feeling uncomfortable to open up about our inner feelings for fear of it spreading through the NDT/CM channels. I believe this was probably the case 20 or 30 years ago when showing any form of emotion was frowned upon, but today we live in a much different world where mental health issues are more recognised, and help is more readily available through many different avenues and organisations.

One such organisation is Beyond Blue (but this is only one of many), they have published an Anxiety and depression checklist. This simple checklist asks you to reflect on your feelings over the past four weeks. Together, these ten questions measure how distressed you've been recently, by signs of depression and anxiety. It is a measure of distress commonly used by Australian GPs and mental health professionals to determine what level of support you may require.

After completing this checklist, you can print your score for your records or to give to your General Practitioner. Some questions included in the checklist are:

- About how often did you feel nervous?
- About how often did you feel depressed?
- About how often did you feel worthless?

In closing, the AINDT would like to encourage any member, certificate holder and especially colleagues of people whom they suspect is struggling to step up and ask R U OK! Not all superheroes wear a cape, most are just normal people who are willing to step up and listen to someone who may be struggling.

We are such a small industry we need to stick together and support each other whilst promoting a sense of openness to overcome the "stigma" associated with the inspection industry. As the younger generation starts to enter our industry our current and future mentors need to be more open in recognizing the signs of mental health issues and step up and ask R U OK at the earliest opportunity.

Peter Milligan ([peter.milligan@aindt.com.au](mailto:peter.milligan@aindt.com.au))

Chief Executive Officer (AINDT)

## VI. ASNT Asia-Pacific Update

### ASNT Certification Services, LLC

The American Society for Nondestructive Testing established an independent organization to manage its

reputable certification and accreditation activities. ASNT Certification Services, LLC launched on 1 July 2021 and will continue providing certification and accreditation services to our members and customers.

ASNT Certification Services, LLC will operate under the leadership of a Board of Managers composed of ASNT Board members and Society members. The new entity maintains its own policies, operating budgets, and financial records while sharing ASNT staff and office space.

<https://asntcertification.org>

### Upcoming ASNT Conferences

- 16 - 18 March 2022. ICPITT (International Chemical and Petroleum Industry Inspection Technology) Sugar Land Marriott Town Square, Sugar Land, TX
- 26 - 28 April 2022. Digital Imaging for NDT, Denver, CO.
- 20 - 23 June 2022. Research Symposium, St. Louis, MO
- 23 - 26 August 2022. 7<sup>th</sup> US-Japan NDT Symposium, Waikoloa HI

[asnt.org/events](https://asnt.org/events)

### Stand out with ASNT's Employer Based Certification Accreditation

ASNT's Employer Based Certification (EBC) Audit Program provides the NDT industry with a registry program that ensures NDT Service Providers and Inspection Agencies meet the minimum compliance with either SNT-TC-1A or CP-189 through the employer's Written Practice.

Organizations can secure nondestructive testing (NDT) personnel certification compliance and ensure proper oversight of your employer-based NDT certifications programs with ASNT's EBC Audit Program.



The benefits of EBC include:

- **Competitive Advantage** — An effective employer-based certification program can be a critical enabler of growth.
- **Recognition** — Receive recognition from ASNT—the industry-recognized, trusted source who developed SNT-TC-1A and CP-189.
- **Standardization** — Tackle the challenges faced individually by companies through industry-wide standardization and practices.
- **Cost Reduction** — Save time and resources and reap potential cost reductions through fewer site visits to review NDT personnel certification.

According to Lott Inspection who was accredited earlier this year, *“The decision to participate in the ASNT Certification Services EBC Audit Program was an easy one for us. Since our founding in 1986, Lott Inspection recognized the importance of ensuring that our in-house training and certification programs met the requirements of ASNT SNT-TC-1A and CP-189. Our clients trust us because they know we diligently follow the recommendations of SNT-TC-1A,”* said Kim-Tsew Tee, ASNT NDT Level III, Technical Manager. *“From start to finish, it only took five months for us to receive the EBC accreditation ensuring that our training and certification programs comply with SNT-TC-1A. We are very proud to be associated with ASNT Certification Services and the EBC program.”*

Dave Vigne, President of National Inspection & Consultants LLC, was the first company to receive the ASNT accreditation and commented *“The audit conducted by ASNT was comprehensive and strenuous but fair and unbiased, and EBC accreditation can provide a measure of confidence that NDT personnel certification programs meet industry standards. I would encourage all companies who use NDT to explore this program and consider applying for accreditation.”*

How the EBC program works?

## EBC Audit Program Process Flow



\* The accreditation audit is conducted remotely using real time technology. If the applicant chooses to have an on-site audit, then ASNT will charge extra fees to account for the travelling and accommodation necessary. For further details relating to on-site audit, please contact ASNT ISC.

### Benefits of the EBC Program

- As an ASNT accredited company for EBC, your company will be identified on the online EBC Global Registry, demonstrating to your customers, future customers, and competitors your ability to implement and maintain an employer-based NDT certification program that is verified by ASNT. You distinguish yourself between those that can as opposed to those that cannot, proudly showing your ASNT EBC Accreditation logo on your media, giving you that marketing edge.
- There are potential cost reduction opportunities. Your customers can use the ASNT Accreditation as their means of oversight, reducing their need to audit.
- Having a program managed by industry through ASNT provides the opportunity to share information for the betterment of the industry to tackle the challenges faced individually by companies and working collectively to standardize these challenges. Everyone faces the same challenges, so why work on these issues alone, when you can work with the EBC Committee?

Registry can be found at:

[https://asntcertification.org/Accreditation/EBC\\_Program/Registry.aspx](https://asntcertification.org/Accreditation/EBC_Program/Registry.aspx)

To find out more about ASNT's other programs please visit [www.asnt.org](http://www.asnt.org).

## VII. Highlights of Bangladesh Society for Non-Destructive Testing at a Glance (BSNDT)

Preamble: Bangladesh Society for Non-Destructive Testing (BSNDT) strongly believes that it's a wonderful opportunity accorded by the APFNDT to publish an article from the BSNDT in the APFNDT Regional Newsletter.

Accordingly, the BSNDT President, Office Bearers of its Executive Committee and the learned general members would love to avail the opportunity in reciprocating its sincere greetings to the President of the APFNDT and the Secretariat for publishing in the Regional Newsletter for 2021. Also to provide a brief outline of the salient information on different aspects of the Society since its inception including its thoughts on future activities:

### When and how BSNDT was born?

It was realized in the later part of the last century that there would be a great demand for highly skilled and trained manpower in the field of NDT. Human resources development program of NDT will have far reaching effect on the development and poverty alleviation of the region especially in Bangladesh. Considering the importance of NDT technology in Bangladesh and to build up a strong and effective infrastructure of local NDT practitioners of international standard, Bangladesh has been actively participating in the IAEA/RCA projects in the industrial sector. As a part of the activities of this project a National Executive Management Seminar on "Application of NDT in Industry" was organized jointly by IAEA, BAEC (Bangladesh Atomic Energy Commission) and NDT Personnel Certification Committee of Bangladesh which was held in the Conference Room of Atomic Energy Centre, Dhaka (AECD) on 6-7 December 1989 to create awareness among the users of different industries. In that seminar the honorable delegates

expressed their opinion to form a NDT Society to promote application and development of this specific technology in Bangladesh. The concept of Bangladesh Society for Non-Destructive Testing (BSNDT) was thus evolved in 1989.

### What's its Constitutional Background & Organizational Structure?

At the end of the aforementioned session of the National Executive Management Seminar held on 6 – 7 December 1989, an ad-hoc committee was formed to draft a Constitution for the proposed NDT Society in Bangladesh. The draft Constitution of the proposed NDT Society of Bangladesh named as "Bangladesh Society for Non – Destructive Testing" (BSNDT) was framed by this ad-hoc committee and was signed by this ad-hoc committee members at their 5<sup>th</sup> meeting held on November 19, 1990 and thus the BSNDT was formed. The General body in their first General meeting held on May 6, 1991 approved this draft Constitution.

Dr. Md. Sana Ullah, Former Head, NDT Division, AECD and Mr. Jafar Sadique, former Senior Engineer, NDT Division, AECD were elected as founder President and General Secretary respectively of this newly developed organization of the BSNDT. The Constitution had a provision of an Executive Committee (EC) to be formed for a period of every 2 (two) years. This EC is formed with the President, 2Vice - Presidents, General Secretary, Treasurer, 2 Joint Secretaries and 15 Council Members and also includes 1. Ex-Officio Member being the Past President & 1. Ex-officio Member being the Chairman, Non-Destructive Testing Personnel Certification Committee (NDTPCC) of Bangladesh.

### What are its aims and objectives?

Since its inception, the BSNDT is trying hard to promote NDT technology in Bangladesh by arranging national seminars, training courses, holding meetings, workshops, publications etc. It has been continuing to the practice and effective application of NDT to achieve safety and reliability of industrial products. As a

professional organization, the society is working in close collaboration with Bangladesh Atomic Energy Commission (BAEC), Bangladesh Standards & Testing institution (BSTI), various industries & Universities, Government and private organizations to set standards and guidelines for the maintenance of technological excellence within the profession.

### How is it contributing to the industries?

BSNDT disseminates its duties and responsibilities with right earnest for the developments and applications of NDT technology in the industrial sector of Bangladesh for QA & QC of the industrial products. Which, in turn, contributes in the development of technical manpower of the profession and thus resulting in Industrial and Infrastructural development of the Country.

### What are its membership requirements and process of selection?

The Membership of the Society is classified into: Fellows, Members, Associate Members, Associates & Member Institution / Organization. The Minimum age and entry requirements are as follows:

- **Fellow** 40 Years - M. Sc./B. Sc. (Engg.) or equivalent with at least 7 years working experience in NDT and as a Member for a period of at least 7 years may apply and must be engaged in a position of higher responsibilities at the time of application.
- **Fees:** Admission Fee -Tk. 1000/-(For all Age), Tk.2000/ (For Age up to 57 Years) and Tk. 1000/-(For Age Over 57 Years).
- **Member** 25 Years- M. Sc. / B. Sc. (Engg.) or equivalent with at least one year of working experience after completion of Level-2 professional Certification in any branch of NDT and engaged in a responsible position at the time of application and as an Associate Member for a period of at least 5 years may also apply.
- **Fees:** Admission Fee - Tk.200/-, Annual Subscription -Tk.200/- and a Life Time Subscription - Tk. 2000/-.

- **Associate Member** - 21 Years - Bachelor of Science or Diploma in (Engg.) or equivalent with At least 3 years working experience after completion of Level-1 professional Certification in any branch of NDT.
- **Fees:** Admission Fee -Tk.100/-, Annual Subscription -Tk.150/- and a Life Time Subscription – Tk. 2000/-.
- **Associate** 18 Years - Has an interest in NDT Fees are: Admission Fee - Tk.100/-, Annual Subscription - Tk.100/- and Life Time Subscription – Tk. 2000/-.
- **Member Institution / Organization-** Any government or private entity having an interest in NDT/requiring Services for NDT now or in future.
- **Fees:** Admission Fee - Tk.1,000/-, Annual Subscription -Tk.5,000/- and Life Time Subscription -Tk.30,000/-.

### How is it standing today with how many individuals and institutional members?

At this point in time BSNDT has over 200 individual members of different categories, 13 member organizations and 20 Fellows. It had been publishing the “Newsletter” – the Voice of BSNDT at a regular interval as well as other matters of interest in the profession of NDT including but not limited to promotion of NDT technology. It also awards the members and corporate members for outstanding work on occasions. Due to the pandemic caused by the Corona viruses, it had not been possible to perform these activities since 2019.

### With whom does BSNDT have collaborative associations?

In order to enhance its professional excellence, BSNDT has expanded its activities with other NDT societies of the world in terms of mutual cooperation in addition to the cooperation with different national organizations. During this period, BSNDT has established cooperative relationships under a bi-lateral memorandum of understanding with many NDT Societies e.g. Australia, Canada, Denmark, India,

Indonesia, Italy, Japan, Malaysia, Norway, Pakistan and Sri Lanka in their respective areas of interest devoted to the promotion of the art, science and technology of Non Destructive Testing (NDT).

### **What are its milestone events, if any?**

The milestone events of the BSNDT which are really very much attractive and commemorating are provided below:

1. November 19, 1990, the day which the draft Constitution of the BSNDT was framed by the ad-hoc committee and signed by this committee members at their 5<sup>th</sup> meeting held at the premises of the Atomic Energy Centre, Dhaka and thus the BSNDT was formed.
2. BSNDT became a member of the International Committee for Non - Destructive Testing (ICNDT) in 1995 just after five years of its formation.
3. BSNDT was approved to participate in the Asia Pacific Committee for Non - Destructive Testing (APFNDT) program according to the Office Memorandum No.../510 dated 03.03. 2009 of the Ministry of Science and Technology of the Government of the People's Republic of Bangladesh (the Controlling Ministry of BAEC).
4. By an Official circular no.../1400 dated 08.04.2009 of BAEC, the BSNDT being a Society is recognized as a part of the newly constituted Non-destructive Testing Personnel Certification Committee (NDTPCC) of Bangladesh.
5. It was a part of the proud privilege of the BSNDT to recognize the Individual and Organizational members in view of their contribution for the promotion and development of the professional knowledge and fruitful application of NDT Technology to the national perspective in general and BSNDT's professionalism in particular. Accordingly 8 individuals & 6 organizations were accorded with the outstanding achievement awards through ceremonial occasions every 2 years from 1996 to 2010.

In the Individuals category, 8 (Eight) Awardees are Dr. Md. Sanaullah, Chief Scientific Officer (CSO), Atomic Energy Centre, Dhaka (AECD), BAEC 1996, Mr. Md. Enayet Ullah Molla, CSO, AECD, BAEC 1998, Engr. Delawar Bakht, MD & CEO, Titas Gas T & D Co. Ltd. 2000, Prof. Dr. Qumrul Ahasan, MME Dept., BUET 2002, Mr. Md. Mahiuddin Khan, NDT Engineer, Biman Bangladesh Airlines, 2004, Engr. Jafar Sadique, CE, AECD, BAEC, 2006, Group Captain Kazi Nazrul Haque, Bangladesh Air Force, 2008 and Mr. Md. Faruque Hossain Chowdhury PSO, AECD, BAEC, 2010.

In the Organization Category, the 6 awardees were the Atomic Energy Centre, Dhaka, 1996, Titas Gas T&D Co Ltd., 1996, Engineering Inspection Services Bangladesh, 2000, Bakhraabad Gas Systems Ltd, 2002, Chittagong Dry Dock Limited, 2006 and Bangladesh Industrial X-ray (BIX), 2008.

### **What are BSNDT's current National & International activities?**

BSNDT regularly organizes meetings, seminars, conferences and workshops in collaboration with local as well as foreign organizations in which foreign delegates from Sister Societies and other related organizations participate. BSNDT members also participate in overseas seminars organized by Sister Societies and the ICNDT. As a part of its continual support, the NDT Division of the Atomic Energy Centre (AEC), Dhaka has been helping BSNDT to organize its many of the Seminars / Symposiums / Workshops / Training courses / AGM / Council meetings etc. in its premises as well.

### **How many courses and Training programs has BSNDT conducted so far?**

BSNDT has more than 200 members of different categories, 13 member organizations and 20 Fellows. It publishes the "Newsletter" – the Voice of BSNDT, at a regular interval and other matters of interest in the profession of NDT. For the promotion of NDT technology, it also awards member persons and corporate members

for outstanding work.

Because of certain unexplainable and eventual set-backs suffered by the Society in continuing its academic and organizational activities except maintaining routine functions, it could not conduct its planned motivational and academic events over the past few years. Furthermore, this has been seriously intervened by the pandemic situations in the recent past. Anyway, some of the seminars, workshops and training events arranged by the BSNDT are provided below:

- “AECD- BSNDT-SAJ National Workshop on Advanced NDT & Plant Condition Monitoring”, January 25 -26, 2013.
- “BSNDT- AECD National Workshop on Digital Industrial Radiography”, June 08 – 09, 2012.
- “Seminar on NDT for Productivity, Safety & Quality”, organized by the BSNDT, March 14, 2009.
- “BSNDT-OLYMPUS Joint Workshop on Advanced NDT”, held at Dr. Anwar Hossain Auditorium, BAEC, January 11-12, 2008.
- “Seminar on NDT for Quality & Safety”, held at BUET-Central Auditorium Seminar Room, March 19, 2004.
- “BSNDT-ISNT Joint Workshop on NDT Certification, Standards & Calibration”, September 9, 2000, Dhaka.
- “BSNDT National Seminar on NDT for the New Millennium”, July 10, 1999.
- “Seminar on NDT Technology” on the occasion of 4<sup>th</sup> Annual Convention of the BSNDT, February 10, 1994.
- “Seminar on NDT Technology” on the occasion of 3<sup>rd</sup> Annual Convention of BSNDT, February 9, 1993.

#### **What is BSNDT thinking about its future activities?**

At the advent of the new century, there has been tremendous impact of entering into the 4th industrial revolution in the world in general, and Bangladesh is not an exception to step into the march, and thus, not only active in the grass roots infrastructural and small scale

industrial sectors, but also launching a huge number of Mega Projects in Power Generation, Roads & Bridges, Railways, Export Processing Zones, Steel & Cement industries, Airport Terminals and Aviation Industry etc.. Obviously, all these Mega Projects are generating great demand for highly skilled and trained manpower in the field of NDT.

Human Resources development program of the BSNDT will have far reaching effects in supporting these industrial developments and poverty alleviation efforts of the region especially in Bangladesh. In recognition to organizing and managing this spirit of amazing step forward, the BSNDT, despite facing critical circumstances due to the pandemic caused by the deadly Corona Viruses and other eventualities, have prepared 3 Project proposals in response to the invitation from the APFNDT & Secretariat and sent to the APFNDT & Secretariat for consideration. These are:

#### **Project-1**

Development of Quality Manual for Operating NDT Certification Scheme of Bangladesh through APFNDT assistance to fulfill the requirements for Mutual Recognition Agreement (MRA) on NDT Certification Scheme for the global acceptance.

#### **Project-2**

Flaw detection & recognition software for Ultrasonic demonstration for conducting training on Ultrasonic testing method was requested from APFNDT.

#### **Project-3**

Arrangement of Online / Remote Learning Refresher / Train the Trainer Course for Level - 2 Certified Personnel on Different NDT methods through APFNDT.

In fine, apart from the above, BSNDT plans to implement its decisions taken in the last Council meeting and believes that the Meeting to hold the long outstanding Annual General Meeting and the election of new Executive Committee, enhancing the number of members in different categories, holding of Seminar & Training program & publication of its NDT Newsletter. It's

now expected routine functions of the forum would be re-activated soon at the wading of the currently diminishing pandemic impact caused by the Deadly Corona Viruses.

### Acknowledgements

The author gratefully recalls the inspiration received from Engr. Md.Rezau IKarim Khan, President, BSNDT and thanks to the Team of Mr. Md. Saiful Alam, General Secretary, BSNDT for spontaneously supporting with essential information which the author has freely used in developing this article. Above all, it's the APFNDD & Secretariat that has invited and encouraged us to send the article of the BSNDT for publication in their Regional Newsletter and thus enabling to share this information and thoughts about activities and aspirations of the BSNDT with all under the umbrella of the APFNDD.

\*Engr. Delawar Bakht is a Council Member, Life Fellow and Past President of the BSNDT. He worked for over 50 years in the Oil, Gas & Energy sector of the country and is currently an Adviser: Gas, Energy & Environment, BETS Consulting Services Ltd, a leading Multi-disciplinary Company based in Bangladesh.

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### VII. APFNDD Task Group 7 NDE 4.0 (AINDT)

As many of you know, APFNDD formed the newest Task Group (TG) in the Federation, TG 7 NDE 4.0 to help contribute to the cutting edge field on NDT and disseminate information on the subject. In the last issue

of the APFNDD Newsletter, the Australian Institute for Non-Destructive Testing (AINDT), provided a brief introduction to NDE 4.0 and highlighted the broad scope of the subject matter. As NDE 4.0 is largely undefined and as many NDT Societies are finding, requires experts to contribute rather than having just general knowledge of various subjects.

Due to the vast nature then, any group looking to tackle NDE 4.0 issues will be limited by what kind of experts are in attendance, for example it would stand to reason that discussing robotics or automation would prove uneventful without specialists in the field to provide their opinion. This also leads to the problem of actually defining what NDE 4.0 is, which means participating in a dialogue between many different organizations, experts in their respect fields and even those involved with standardization or qualification. As discussed in the previously mentioned article, there is also an ethical concern at play especially in regards to machine to machine or machine to human interfaces.

Because of this, APFNDD TG 7, would like to take a more unique approach and rather than asking individuals to join, send an open invitation to APFNDD Members. The first official TG 7 meeting took place on July 5, 2021 with only a handful of attendees, but by opening up the group the next meeting on September 6, 2021 had a much more robust and fruitful discussion due to more participation.

The next online meeting is scheduled for February 14<sup>th</sup>, 2022, so if your NDT Society has an interest in learning more about NDE 4.0 or you would like to contribute somehow, by all means please contact the APFNDD Secretariat to get more information on attending the next meeting.

Pranay Wadyalkar, (AINDT), [pranay@lmats.com.au](mailto:pranay@lmats.com.au)



# ICNDT Photograph Competition 2024 “NDT Stories in Pictures”

Songdo Convensia, Incheon, Korea

## Prize

Win the prize of “One Free Full Registration” to the 20th World Conference on Non-Destructive Testing (WCNDT) from 27 to 31 May 2024 in Korea.

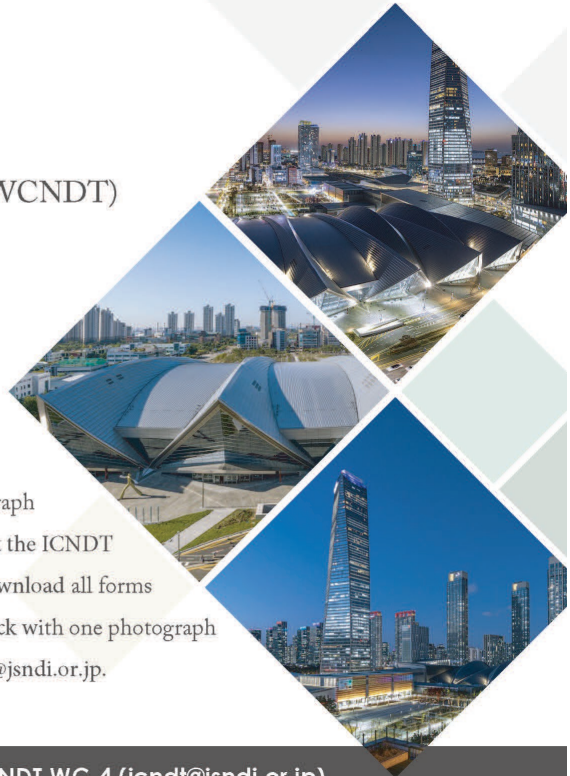
**Deadline** | **31 January 2024**

## Commendation

The winner will be announced on the ICNDT Website by the end of March 2024, and awarded during the 20th WCNDT with a certificate of commendation.

## How to apply

To enter the “ICNDT Photograph Competition 2024”, please visit the ICNDT website at [www.icndt.org](http://www.icndt.org) to download all forms and once completed, send it back with one photograph to the ICNDT WG 4 at [icndt@jsndi.or.jp](mailto:icndt@jsndi.or.jp).



If you have any inquiries you wish to know, please contact to ICNDT WG 4 ([icndt@jsndi.or.jp](mailto:icndt@jsndi.or.jp)).



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# 20<sup>th</sup> WCNDT

20<sup>th</sup> World Conference on Non-Destructive Testing  
Songdo Convensia, Incheon, Korea  
**May 30 (Mon) ~ June 3 (Fri), 2022**

## IMPORTANT DATES

Abstract Submission	<b>31 October 2021</b>
Notification of Acceptance of Abstract	<b>30 November 2021</b>
Submission of Camera-ready Abstract(Mandatory)	<b>31 January 2022</b>
Submission of Extended Abstract or Paper*(Optional)	<b>31 January 2022</b>
Registration and Payment of Presenting Author	<b>31 January 2022</b>
Preliminary Program	<b>28 February 2022</b>

\*For the conference proceedings (NOT for the SCIE journal submission)

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 **ICNDT**  
The World Organisation for NDT

 **KSNT**

**PLEASE NOTE: Unfortunately, because of the timing between the release of the Newsletter and the announcement from KSNT, there has been another final postponement to 2024. Please see the official site for all of the most up to date information. ([www.20thwcmdt.com](http://www.20thwcmdt.com))**



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The 16th APCNDT Conference is promising to be the must attend regional event for the Asia Pacific Federation for Non-Destructive Testing and its member societies. The conference will include a technical and scientific program along with technical educational workshops presented by leading NDT and CM experts.

As one of the biggest events on the NDT Calendar for 2023, be sure to **SAVE THE DATE!**



**EVENT DETAILS:**

**When:** 28<sup>th</sup> Feb - 3<sup>rd</sup> March, 2023  
**Host:** Australian Institute for Non Destructive Testing  
**Venue:** Melbourne Convention and Exhibition Centre  
**City:** Melbourne, Australia



For more information about attending, exhibiting, presenting or sponsoring, please visit [apcndt2023.com.au](http://apcndt2023.com.au) or phone +61 3 9328 8831



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## Events & Conferences 2022 – 2024 Schedule

### ASNT Conferences and Events

Please visit [asnt.org/events](https://asnt.org/events) to see more information on ASNT Events.

### ICPITT (International Chemical and Petroleum Industry Inspection Technology)

16 - 18 March 2022.

Sugar Land Marriott Town Square, Sugar Land, TX.

### Digital Imaging for NDT

26 - 28 April 2022.

The Westin Westminster, Denver, CO.

### Research Symposium

20 - 23 June 2022.

Hilton St. Louis Frontenac, St. Louis, MO.

### ASNT and JSNDI Conferences

#### 7th US-Japan NDT Symposium

23 - 26 August, 2022.

Waikoloa Beach Marriot Resort & Spa, Waikoloa, HI, USA.

### BINDT Conferences

#### 59<sup>th</sup> Annual British Conference on NDT and Materials Testing Exhibition.

6 - 8 September, 2022.

International Centre, Telford, UK.

### ChSNDT Symposiums

#### Third World Congress on Condition Monitoring (3<sup>rd</sup> WCCM)

25 - 28 October, 2022.

Beijing International Convention Center, Beijing, China  
Hotel Dorint Kurfurstendamm, Berlin, Germany.

### DGZfP Conferences

#### The 1st International Conference on NDE 4.0

24 – 26 October, 2022.

Eurostars Grand Central, Munich, Germany.

### MSNT Conferences

#### Malaysia International NDT Conference and Exhibition 2020 (MINDTCE`20)

7 - 8 December, 2021.

Sunway Pyramid Convention Centre (SPCC), Malaysia.

### EFNDT Conferences

#### The 13th European conference on Non-Destructive Testing (ECNDT 2022)

6 - 10 June, 2022.

Centre de Congressos de Lisboa (CCL), Lisbon, Portugal.

### PANNDT Conferences

#### The 8<sup>th</sup> Pan-American Conference for Non-Destructive Testing (PANNDT 2023)

19 - 23 June 2023.

Fallsview Casino Resort, Niagra Falls, Ontario, Canada

### NDTSS Conferences

#### The 4th Singapore International Non Destructive Conference & Exhibition (SINCE 2022)

7 - 8 November 2022.

Marina Bay Sands International Convention Centre, Singapore.

### ICNDT & KSNT Conferences

#### The 20<sup>th</sup> World Conference for Non-Destructive Testing (20<sup>th</sup> WCNDT)

27 - 31 May 2024.

Songdo Convensia, Incheon, Korea.