

# Revolutionizing Adult Education: Dampak Teknologi Informasi Terhadap Strategi Pembelajaran



**Knowledge Sharing Widyaiswara LAN RI**  
29 Juli - 9 Agustus 2024

<b>29 JUL</b> 09.00-10.00 WIB	<b>PENDEKATAN PEMBELAJARAN HEUTAGOGY UNTUK PENGEMBANGAN KOMPETENSI ASN</b> Ferry Firdaus, S.Pd., M.Ed.	<b>30 JUL</b> 09.00-10.00 WIB	<b>LEARNING ORGANIZATION: MENINGKATKAN ADAPTABILITAS DAN DAYA SAING DI ERA DIGITAL</b> Drs. M. Aminuddin Maliki, M.Ed.
<b>31 JUL</b> 09.00-10.00 WIB	<b>REVOLUTIONIZING ADULT EDUCATION: DAMPAK TEKNOLOGI INFORMASI TERHADAP STRATEGI PEMBELAJARAN</b> Dra. Indrawati, MTEFL.	<b>01 AGT</b> 09.00-10.00 WIB	<b>POSITIVE FEELING</b> Dra. Idha Softawaty, M.Ed., Mgmt.
<b>02 AGT</b> 14.00-15.00 WIB	<b>TANTANGAN DAN STRATEGI PENGELOLAAN KINERJA ASN ERA DIGITAL</b> Sarinah Dewi, SE., ME.	<b>05 AGT</b> 13.00-14.00 WIB	<b>FROM PRINCIPLES TO PRACTICE: IMPLEMENTASI CORE VALUES ASN BERAKHLAK DI SEKTOR PUBLIK</b> Ani Suprihartini, SE., MM.
<b>06 AGT</b> 14.00-15.00 WIB	<b>KOMPETENSI ADAPTIF BAGI ASN MUDA</b> Mid Rahmalia, SE., M.Si.	<b>07 AGT</b> 09.00-10.00 WIB	<b>PERSONAL BRANDING</b> Dra. Sinta D. Simanjuntak, MA.
<b>08 AGT</b> 10.00-11.00 WIB	<b>HOSPITALITY DALAM PELAYANAN PUBLIK</b> Mery Hasibuan, S.Pd., MAP.	<b>09 AGT</b> 14.00-15.00 WIB	<b>MODEL PENGEMBANGAN KOMPETENSI KEMITRAAN PROFESIONAL ASN DALAM RANGKA PENINGKATAN KINERJA</b> Drs. M. Iqbal Fadillah, M.Ed.L

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**TERSEDIA SERTIFIKAT!**

**Indrawati**  
**WI - Balai Bahasa LAN**  
**31 July 2024**

## My Profile



### QUOTE

*Tell me and I forget. Teach me and I remember. Involve me and I learn."* – Benjamin Franklin

**INDRAWATI**

Balai Diklat Bahasa

Lembaga Administrasi Negara

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# Revolutionizing Adult Education - Dampak Teknologi Informasi Terhadap Strategi Pembelajaran

Background

Implementasi Strategi Pembelajaran yg efektif terkait **Digital Learning**

Pendekatan Strategi Pembelajaran Melalui IT & Model Pembelajaran Menggunakan AI

Studi Kasus & Contoh Peningkatan Pembelajaran Bahasa Inggris Melalui Inovasi Digital di Balai Bahasa

**AGENDA**

# Apa Perbedaan Sekolah & Kehidupan (School & Life)

Ice Breaker

What is the difference between school and life?

"In school, you're taught a lesson and then given a test.

In life, you're given a test that teaches you a lesson."

~ Tom Bodett



# Background

- Lanskap POD Berkembang Pesat
- Pentingnya menyesuaikan **Strategi Pembelajaran** dg **Kemajuan Teknologi**.
- Teknologi mengubah POD meningkatkan aksesibilitas, personalisasi, & keterlibatan peserta dalam pembelajaran

# Importance of Adult Education

- Lifelong Learning
- Economic Benefits
- Social Inclusion
- Personal Development
- Health and Well-being

# Question

**How does information technology change how we teach and students learn?**



# Quote

*"The future of education is in the hands of the learners, and technology empowers them to drive their learning journey."*



Audrey Watters

Book:  
**Teaching Machines**



# Technology Generation

- ❖ Sat Nav
- ❖ Email
- ❖ Memory Sticks
- ❖ Powerpoint
- ❖ Internet Explorer / Firefox
- ❖ Satellite
- ❖ TV
- ❖ DVDs
- ❖ Digital Cameras
- ❖ Blogs
- ❖ Mobile Phones



- ❖ My space
- ❖ Bebo
- ❖ Facebook
- ❖ MSN
- ❖ Google
- ❖ Ipod
- ❖ Limewire
- ❖ eBay
- ❖ Xbox
- ❖ Wii
- ❖ PSP
- ❖ Skpe

## Distinctive Ways of Thinking, Communicating & Learning



Today's learners are ...  
**Creative producers**



# New Technology



# New Generation

# Today's Learners

Live on the Web

Interact

Network

Aggregate resources

Build communities

Create

Share

Collaborate

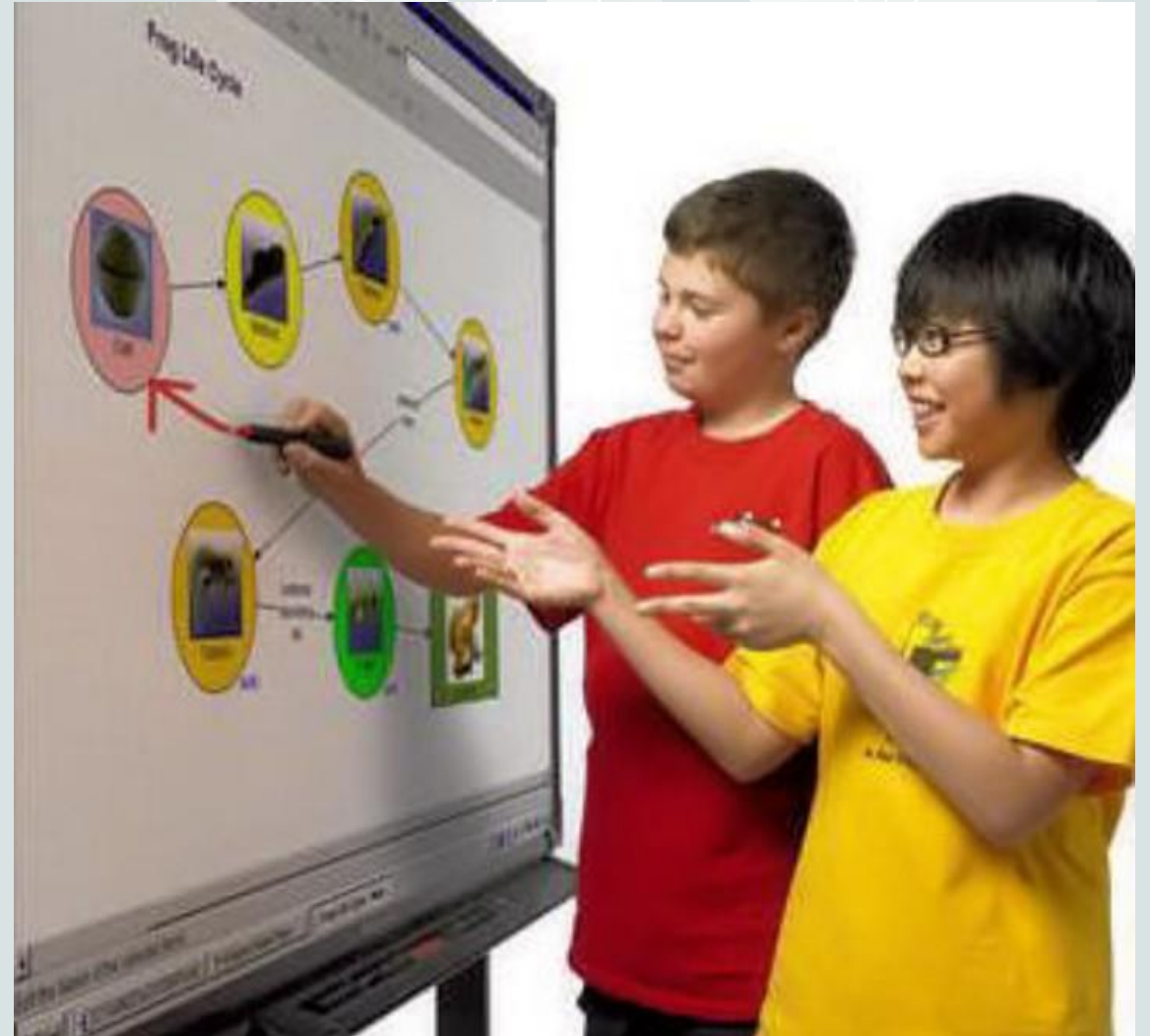


# We want students ...

- Focus
- Direction
- Clarity
- Multi-sensory stimulation
- Sense of challenge and accomplishment



# Media-rich and media-centric content



## Adaptable to all learning styles ...

- Multi-tasking
- Focused, just-in-time
- Social – local, and extended
- Collaborative
- Networked, connected
- Mobile, nomadic



## Perubahan Peran Peserta & WI



# Implementing Effective Learning Strategies

- Needs Assessment
- Flexible Learning Formats
- Active Learning
- Relevance & Practicality

- Supportive Environment
- Use of Technology
- Continuous Feedback
- Personal Development
- Etc

# Implementing Effective Learning Strategies

<b>Needs Assessment</b>	Identify the specific needs and goals of adult learners to tailor the education program accordingly.
<b>Flexible Learning Formats</b>	Offer various formats, such as online courses, evening classes, and weekend workshops, to accommodate busy schedules.
<b>Active Learning</b>	Engage learners through interactive methods like discussions, group projects, and hands-on activities to enhance understanding and retention.
<b>Relevance &amp; Practicality</b>	Ensure that the content is relevant to learners' lives and work, emphasizing practical application.

# Implementing Effective Learning Strategies

<b>Supportive Environment</b>	Create a supportive and inclusive learning environment that encourages participation and collaboration.
<b>Use of Technology</b>	Incorporate technology to facilitate access to resources, interactive learning experiences, and communication among learners.
<b>Continuous Feedback</b>	Provide regular feedback and assessments to track progress, address challenges, and adjust teaching methods as needed.
<b>Professional Development for Educators</b>	Ensure educators are well-trained in adult learning principles and methodologies to effectively facilitate learning.



# Pendekatan Strategi Pembelajaran Melalui IT

**Blended Learning**

**Learning Management  
Systems**

**Interactive Content**

**Flipped Classroom Models**

**Collaborative Tools**

**Online Assessments**

**Personalized Learning**

**AI (Artificial Intelligence)**

# Pendekatan Strategi Pembelajaran Melalui IT

## Blended Learning

- Kombinasikan pengajaran tatap muka tradisional dg pembelajaran online.
- Gunakan ***platform online*** untuk materi tambahan, kuis, & diskusi.

## Interactive Content

- Multimedia - video, podcast, & simulasi interaktif utk melibatkan peserta
- Penggunaan Gamifikasi dlm pembelajaran

# Strategi Pembelajaran Menggunakan IT & Pendekatan (Approaches)

## Collaborative Tools

- Gunakan alat Kolaborasi - Google Workspace, Microsoft Teams

## Personalized Learning

- Menerapkan teknologi pembelajaran adaptif sesuai dg kecepatan peserta.
- Gunakan analisis data utk mengukur kemajuan peserta

# Strategi Pembelajaran Menggunakan IT & Pendekatan (Approaches)

## Learning Management Systems (LMS):

- Gunakan LMS: Moodle, Blackboard/Canvas utk menyusun materi belajar, assessment & mengelola tugas & penilaian.
- Integrasikan alat & Sumber daya pelatihan pd LMS utk kelancaran Pembelajaran

## Flipped Classroom Model

- Independent & guided learning strengths
- Leading to a more engaging, effective
- Student-centered experiences

## Online Assessments

- Online quizzes, tests, and assessments
- Automated grading tools

# AI (Artificial Intelligence) - Machine Learning Models

- ChatGPT
- Midjourney
- Bing AI
- Bard
- DALL-E

# AI – (English) Language Learning

## 1. Natural Language Processing (NLP) Models

- Grammarly
- Duolingo

## 2. Speech Recognition Models:

- Google Speech-to-Text
- SpeechAce: improve their speaking skills

## 3. Chatbot-based Learning Models:

- Replika - practice English in a conversational context

## 4. Personalized Learning Systems

- Automated Essay Scoring
- e-rater by ETS and Project Essay Grade (PEG)

# Case Studies

Contoh Peningkatan  
Pembelajaran Bahasa Inggris  
Melalui Inovasi Digital di Balai  
Bahasa

Penyelenggaraan Pilot Project Kerja  
Sama LAN - Balai Bahasa  
&



mangoSTEEMS is an interactive **English Learning Platform** that provides a fast, effective, and enjoyable way to learn English



Produk  
mangoSTEEM  
yang telah  
diujicobakan oleh  
Balai Bahasa

## **SPEAKING:**

- AISAT

## **WRITING:**

- ADAPTERA
- MY ACCESS
- INTELLY WRITER

# PELATIHAN & ASSESSMENT

**Nama Pelatihan:**

Social English Conversation (Basic Intermediate level)

**Total Jumlah Jampel:**

12 JP

**Kompetensi yang dibangun:**

peserta mampu menggunakan ungkapan dan tata bahasa Inggris yang baik dan benar dalam konteks percakapan sosial

**Target Peserta:**

15 orang pegawai LAN

**Tanggal pelaksanaan pelatihan:**

2-5 April 2024

**Moda pelatihan:**

online (Zoom)

**Metode Pembelajaran:**

Coaching

**Assessment:**

AISAT Mangosteems (online)

# Alur Penyelenggaraan Pelatihan Social English Conversation

## Persiapan

- **Undangan peserta**
- **Seleksi & Pemanggilan** peserta (SDM & Balai)
- **Penyusunan Kurikulum & Jadwal** Penugasan pengajar
- **Penyusunan Bahan Ajar** pelatihan

## Pelaksanaan Pelatihan

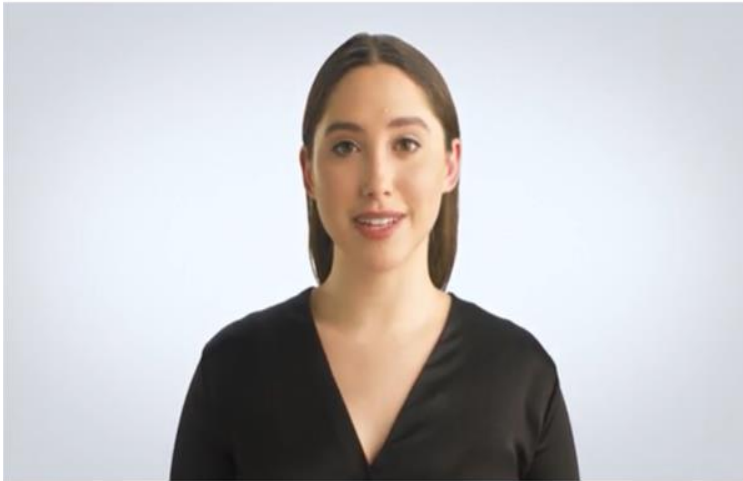
- **Balai & SDM**
- **Pembukaan** Pelatihan sesuai jadwal
- **Monitoring**

## Assessment

- **AISAT**
- **MangoSTEEMS**
- **Online Score report**

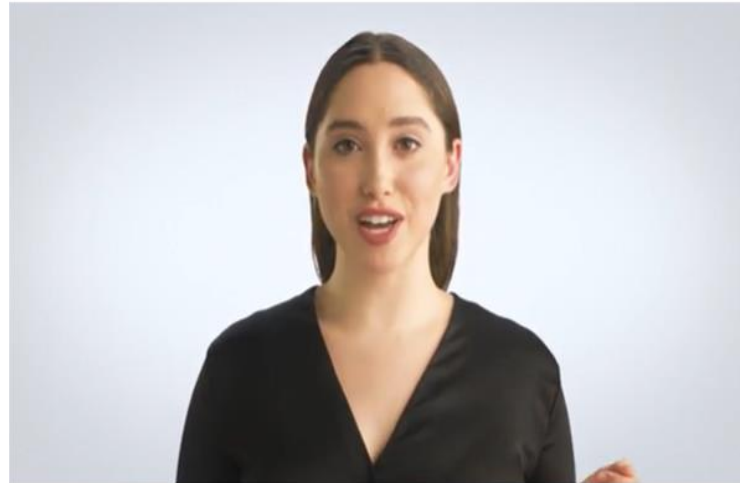
<b>Hari/Tanggal</b>	<b>Materi</b>	<b>Fasilitator</b>	<b>JP</b>
<p>Selasa, 2 April 2024 08.00 - 10.15</p>	<ul style="list-style-type: none"> <li>- General overview</li> <li>- Strategies in dealing with speaking test in general</li> <li>- Practice question 1 from speechace</li> <li>- Other practice questions</li> </ul>	<p>Anastasia Sastri &amp; Indrawati</p>	<p>3 JP</p>
<p>Rabu, 3 April 2024 08.00 - 10.15</p>	<ul style="list-style-type: none"> <li>- Short explanation about speaking rubric</li> <li>- Practice question 2 from speechace</li> <li>- Other practice questions</li> </ul>	<p>Sir Labora &amp; Ira Khoiriyah</p>	<p>3 JP</p>
<p>Kamis, 4 April 2024 08.00 - 10.15.00</p>	<ul style="list-style-type: none"> <li>- Practice question 3 from speechace</li> <li>- Other practice questions</li> </ul>	<p>Sinta Simanjuntak &amp; Idha Saftawaty</p>	<p>3 JP</p>
<p>Jumat, 5 April 2024 08.00 - 10.15</p>	<ul style="list-style-type: none"> <li>- Tutorial AISAT speaking test</li> <li>- Assessment dg AISAT</li> </ul>	<p>Anastasia sastri &amp; Ira khoiriyah</p>	<p>3 JP</p>

# Pertanyaan pada speechace , topik: INTERNET



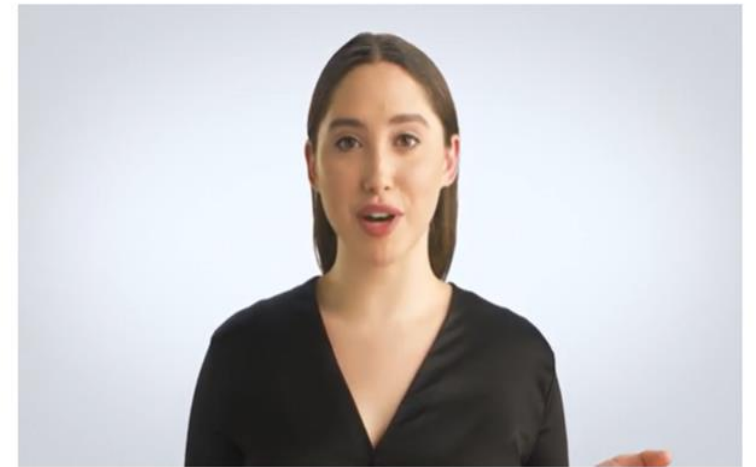
What are the advantages of the internet?

**Question 1**



What are some of the disadvantages of the internet?

**Question 2**



Do you think that parents should monitor children's internet use?

**Question 3**

# ACADEMIC WRITING

## Competency Skill Test

**Nama Kegiatan:**

Academic Writing Skill Test

**Tanggal Pelaksanaan:**

Selasa, 2 April 2024

**Tujuan dan sasaran:**

Tersedianya data tentang Academic writing skills menggunakan **My Access (mangoSTEEMS)**

**Target Peserta:**

30 orang JFT LAN

**Sifat Test: Online**

# Alur Penyelenggaraan ACADEMIC WRITING SKILL TEST

Persiapan



Pelaksanaan test

- **Undangan peserta (SDM & Balai)**

- 30 peserta

- **Balai, MyAccess (magosteem)**
- **Online score report**
- (PIC: Pram & Sasa)

## Catatan:

Sifat kegiatan full online & AI

Pertanyaan tentang :

1. Paragraf
2. Esay

PIC standby jika ada pertanyaan dari peserta (bukan tatap muka mengajar)



Produk mangostem  
yang akan  
diujicobakan oleh  
Balai Bahasa

## **SPEAKING:**

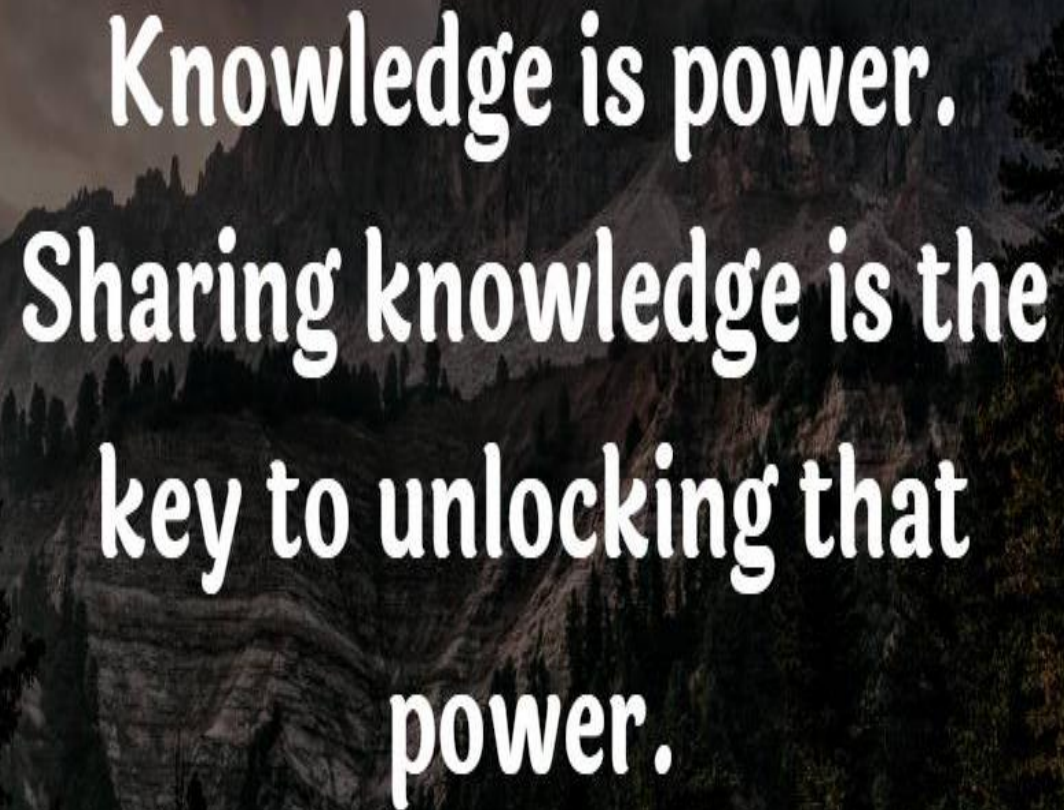
- AISAT

## **WRITING:**

- ADAPTERA
- MY ACCESS
- INTELLY WRITER



## Inspiring Quote



Knowledge is power.  
Sharing knowledge is the  
key to unlocking that  
power.

## Keep Contact

**INDRAWATI**

Balai Diklat Bahasa

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Jakarta Pusat

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# Knowledge Sharing Widyaiswara LAN RI



29 Juli - 9 Agustus 2024

**29  
JUL**

09.00-10.00 WIB

PENDEKATAN  
PEMBELAJARAN HEUTAGOGY  
UNTUK PENGEMBANGAN  
KOMPETENSI ASN

Ferry Firdaus, S.Pd., M.Ed.

**30  
JUL**

09.00-10.00 WIB

LEARNING ORGANIZATION:  
MENINGKATKAN  
ADAPTABILITAS DAN DAYA  
SAING DI ERA DIGITAL

Drs. M. Aminuddin Maliki, M.Ed.

**31  
JUL**

09.00-10.00 WIB

REVOLUTIONIZING ADULT  
EDUCATION: DAMPAK  
TEKNOLOGI INFORMASI  
TERHADAP STRATEGI  
PEMBELAJARAN

Dra. Indrawati, MTEFL.

**01  
AGT**

09.00-10.00 WIB

POSITIVE  
FEELING

Dra. Idha Saftawaty, M.Ed.,  
Mgmt.

**02  
AGT**

14.00-15.00 WIB

TANTANGAN DAN  
STRATEGI PENGELOLAAN  
KINERJA ASN ERA DIGITAL

Sarinah Dewi, SE., ME.

**05  
AGT**

13.00-14.00 WIB

FROM PRINCIPLES TO  
PRACTICE: IMPLEMENTASI  
CORE VALUES ASN BERAKHLAK  
DI SEKTOR PUBLIK

Ani Suprihartini, SE., MM.

**06  
AGT**

14.00-15.00 WIB

KOMPETENSI ADAPTIF BAGI  
ASN MUDA

Mid Rahmalia, SE., M.Si.

**07  
AGT**

09.00-10.00 WIB

PERSONAL  
BRANDING

Dra. Sinta D. Simanjuntak, MA.

**08  
AGT**

10.00-11.00 WIB

HOSPITALITY DALAM  
PELAYANAN PUBLIK

Mery Hasibuan, S.Pd., MAP.

**09  
AGT**

14.00-15.00 WIB

MODEL PENGEMBANGAN  
KOMPETENSI KEMITRAAN  
PROFESIONAL ASN DALAM  
RANGKA PENINGKATAN KINERJA

Drs. M. Iqbal Fadillah, M.Ed.L

**zoom**

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**TERSEDIA  
SERTIFIKAT!**

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