



SERVING NATION  
SINCE 1964



# TRAINING CALENDAR

(April 2024 - March 2025)





# About NITTTR,CHENNAI

The National Institute of Technical Teachers' Training and Research, Chennai is a premier institution established in 1964 under the Ministry of Education, Government of India, dedicated to enhancing the quality of technical education in the country. It has been granted the "Institution Deemed to be University" status by the Ministry recently. This recognition acknowledges our 60 years of commitment to providing quality education and training, marking a significant milestone in our journey toward excellence in technical education and research.

Established to improve the standards of technical education, NITTTR offers a range of programs and services tailored to the needs of educators and institutions in the technical education sector. At the core of NITTTR's mission is the training and professional development of technical teachers. Through its various training programs, workshops, and courses, NITTTR equips educators with the necessary skills and knowledge to excel in their roles. These programs cover diverse topics such as curriculum development, teaching methodologies, educational technology, and quality assurance, ensuring that educators stay updated with the latest trends and practices in the field.

In addition to training, NITTTR also conducts research and consultancy activities aimed at improving the overall ecosystem of technical education. The institution engages in cutting-edge research to address key challenges and opportunities in the field, contributing to the advancement of knowledge and innovation. Moreover, NITTTR offers consultancy services to technical institutions seeking guidance on various aspects such as infrastructure development, curriculum design, and pedagogical practices.

NITTTR's commitment to excellence in technical education extends beyond its training and research initiatives. The institution actively promotes collaboration and networking among professionals in the technical education sector, fostering a community of practice where ideas and best practices are shared and exchanged. NITTTR plays a pivotal role in shaping the future of technical education in India



# Departments / Centres



Academic Studies  
and Research



Educational Media  
and Technology



Civil and Environmental  
Engineering



Electrical, Electronics  
and Communication Engineering



Computer Science  
and Engineering



International Affairs



Curriculum Development,  
Planning and Coordination



Mechanical Engineering



Education



Resource Center



Educational Management  
and Applied Science



Rural and Entrepreneurship  
Development

# Civil and Environmental Engineering



| Course | Title |
|--------|-------|
|--------|-------|

- |  |  |
|--|--|
| • <b>Advanced Soil Stabilization Techniques</b><br>22-26 April 2024 / Online Mode @ HQ                           | • <b>Analysis and Design of Buildings using ETABS</b><br>24-28 June 2024 / Contact Mode @ HQ                                 |
| • <b>Construction Techniques for Earthquake Resistant Structures</b><br>29 April - 03 May 2024/ Online Mode @ HQ | • <b>Transportation Engineering</b><br>24-28 June 2024 / Contact Mode @ HQ   |
| • <b>Disaster Management</b><br>27-31 May 2024 / Online Mode @ HQ  | • <b>Water Treatment Techniques</b><br>24-28 June 2024 / Contact Mode @ HQ   |
| • <b>Surveying using TS, GPS &amp; Drone</b><br>03-07 June 2024 / Contact Mode @ HQ                              | • <b>Material Testing Laboratory</b><br>08-12 July 2024 / Contact Mode @ HQ  |
| • <b>ISO -17025 - Laboratory Management System</b><br>10-14 June 2024 / Online Mode @ HQ                         | • <b>Design and Detailing of RCC Elements using IS 456-2000 (Limit State Design)</b><br>22-26 July 2024 / Contact Mode @ ECV |



# Civil and Environmental Engineering

| Course | Title |
|--------|-------|
|--------|-------|

- **Town Planning and Green Building**

22-26 July 2024 / Contact Mode @ HQ

- **Geotechnical Engineering Laboratory Practice - EXCITE Programme - EXcellence in Civil Engineering TEaching)**

22-26 July 2024 / Contact Mode @ HQ

- **Industrial Training for Excellence in Civil Engineering**

22 July - 09 August 2024 / Contact Mode @ HQ

- **FOSS in Civil Engineering**

29 July - 02 August 2024 / Contact Mode @ HQ

- **Sustainable Construction Materials & Techniques**

12-16 August 2024 / Online Mode @ HQ

- **Analysis of Multistoried buildings for vertical and lateral loads**

19-23 August 2024 / Online Mode @ HQ

- **Design of Steel Structures by using IS 800-2007**

09-13 September 2024 / Contact Mode @ ECV

- **Modern Geotechnical Engineering and Ground Improvement Techniques**

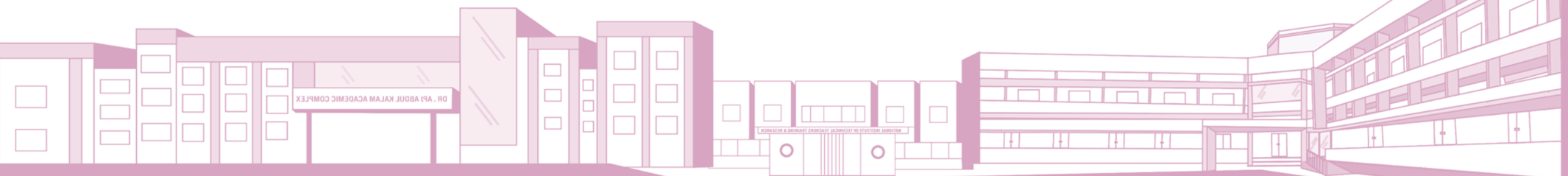
09-13 September 2024 / Online Mode @ ECK

- **Structural Evaluation of pavement using NDT Device**

23-27 September 2024 / Contact Mode @ HQ

- **Application of 3D printing in Civil Engineering**

14-18 October 2024 / Contact Mode @ HQ





# Civil and Environmental Engineering



| Course | Title |
|--------|-------|
|--------|-------|

- **Road Safety Audit Process and Procedures**

21-25 October 2024 / Contact Mode @ HQ

- **Analysis and Design of Buildings using ETABS**

04-08 November 2024 / Contact Mode @ HQ

- **Retrofitting & Rehabilitation of Concrete Structures**

11-15 November 2024 / Contact Mode @ HQ

- **Design of RCC and Steel Structures**

18-22 November 2024 / Online Mode @ HQ

- **Transportation Planning and Green Building**

18-22 November 2024 / Online Mode @ HQ

- **Intelligent Transportation System**

25-29 November 2024 / Online Mode @ HQ

- **Pre-Engineered Buildings**

02-06 December 2024 / Contact Mode @ HQ

- **Geographical Information System Applications in Disaster Management**

02-06 December 2024 / Online Mode @ ECK

- **Structural Analysis using STAAD/Pro**

09-13 December 2024 / Contact Mode @ HQ

- **Pavement Design using IRC Guidelines**

16-20 December 2024 / Online Mode @ HQ

- **Green Building Initiatives**

16-20 December 2024 / Contact Mode @ ECH



# Civil and Environmental Engineering

| Course | Title |
|--------|-------|
|--------|-------|

- **Green Campus Initiatives for Higher Educational Institutions**

20-24 January 2025 / Contact Mode @ ECK

- **Revit Architecture**

27-31 January 2025 / Contact Mode @ HQ

- **Building Beyond Blueprints: Entrepreneurship Training for Civil Engineers**

27-31 January 2025 / Online Mode @ HQ

- **Project Management Tools & Techniques**

03-07 February 2025 / Contact Mode @ HQ

- **Analysis and Design of Buildings using ETABS**

17-21 February 2025 / Contact Mode @ HQ

- **Transportation Engineering**

24-28 February 2025 / Contact Mode @ ECB

- **GIS Applications in SMART City Development**

03-07 March 2025 / Online Mode @ ECK

- **Application of Python in Civil Engineering**

03-07 March 2025 / Contact Mode @ HQ

- **Structural Analysis using ETABS**

10-14 March 2025 / Contact Mode @ HQ

- **Disaster Management**

24-28 March 2025 / Contact Mode @ HQ



# Computer Science and Engineering



| Course | Title |
|--------|-------|
|--------|-------|

- |   |  |
|---|--|
| ● <b>Information Security</b><br>01-05 April 2024 / Online Mode @ HQ                            | ● <b>Social Network Analysis</b><br>10-14 June 2024 / Online Mode @ HQ     |
| ● <b>Data Analytics</b><br>15-19 April 2024 / Online Mode @ HQ                                  | ● <b>RDBMS using PostgreSQL</b><br>08-12 July 2024 / Online Mode @ HQ      |
| ● <b>Software Architectural Patterns</b><br>22-26 April 2024 / Online Mode @ HQ                 | ● <b>Predictive Analytics</b><br>22-26 July 2024 / Online Mode @ HQ        |
| ● <b>Software Engineering &amp; Project Management</b><br>06-10 May 2024 / Online Mode @ HQ     | ● <b>Cyber Security</b><br>24-28 July 2024 / Online Mode @ HQ              |
| ● <b>Web Design using HTML5 &amp; CSS3 with Bootstrap</b><br>27-31 May 2024 / Contact Mode @ HQ | ● <b>Internet of Things</b><br>29 July - 02 August 2024 / Online Mode @ HQ |
| ● <b>Python for Beginners</b><br>03-07 June 2024 / Contact Mode @ HQ                            | ● <b>MEAN stack</b><br>05-09 August 2024 / Contact Mode @ HQ               |
|   | ● <b>Artificial Intelligence</b><br>19-23 August 2024 / Contact Mode @ HQ  |





# Computer Science and Engineering

## Course

## Title

- **Machine Learning**

26-30 August 2024 / Contact Mode @ ECH

- **Cloud Computing**

02-06 September 2024 / Online Mode @ HQ

- **MongoDB**

09-13 September 2024 / Contact Mode @ HQ

- **Data Analytics & Visualization**

23-27 September 2024 / Contact Mode @ HQ

- **Computer Hardware & Networking**

21-25 October 2024 / Contact Mode @ ECH

- **Mobile Application Development**

21-25 October 2024 / Contact Mode @ HQ

- **PHP and MySQL / Postgress**

18-22 November 2024 / Online Mode @ HQ

- **Data Mining Techniques**

25-29 November 2024 / Online Mode @ HQ

- **Python Programming**

09-13 December 2024 / Contact Mode @ HQ

- **Cyber Foresnsics**

16-20 December 2024 / Contact Mode @ HQ

- **Blockchain Technologies**

06-10 January 2025 / Contact Mode @ HQ

- **Data Interpretation and Visualization**

20-24 January 2025 / OnlineMode @ HQ

- **Data Communication and Networks**

17-21 February 2025 / Contact Mode @ HQ

- **Cryptography Techniques**

03-07 March 2025 / Online Mode @ HQ

- **Data Management and Privacy**

10-14 March 2025 / Online Mode @ HQ

- **Open Source Software in Engineering Applications**

10-15 March 2025 / Contact Mode @ ECK



# Curriculum Development, Planning and Coordination



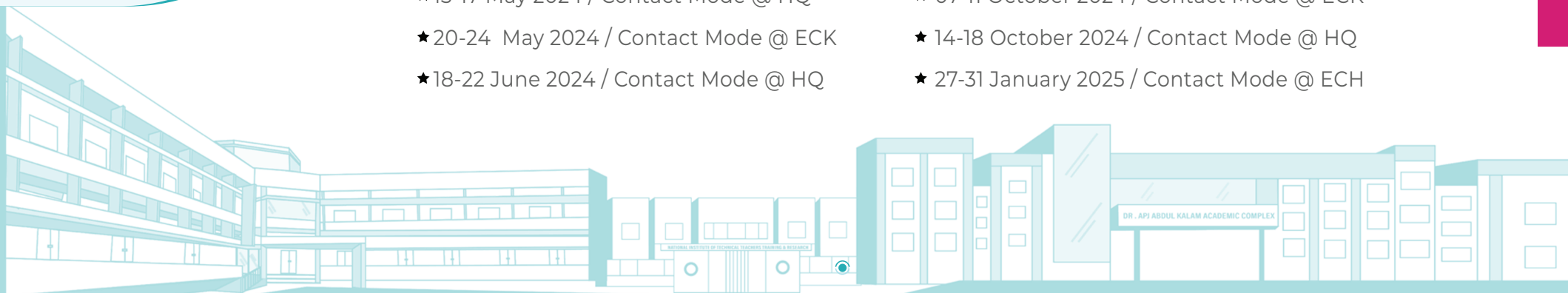
## Course Title

### Curriculum Revision Workshops

- ★ 15-19 April 2024 / Contact Mode @ ECB
- ★ 22-26 April 2024 / Contact Mode @ ECB
- ★ 6-10 May 2024 / Contact Mode @ ECB
- ★ 13-17 May 2024 / Contact Mode @ ECB
- ★ 03-07 June 2024 / Contact Mode @ ECB
- ★ 05-09 August 2024 / Contact Mode @ ECB
- ★ 19-23 August 2024 / Contact Mode @ ECB
- ★ 02-06 September 2024 / Contact Mode @ ECB
- ★ 23-27 September 2024 / Contact Mode @ ECB
- ★ 06-10 January 2025 / Contact Mode @ ECB
- ★ 20-24 January 2025 / Contact Mode @ ECB
- ★ 03-07 February 2025 / Contact Mode @ ECB
- ★ 24-28 February 2025 / Contact Mode @ ECB

### NBA Accreditation

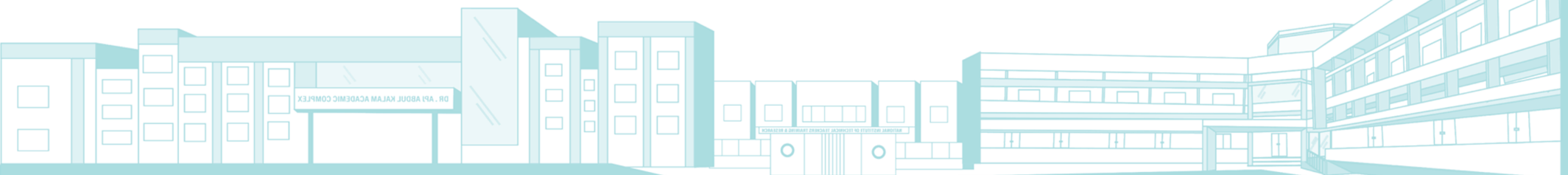
- ★ 22-26 April 2024 / Contact Mode @ HQ
- ★ 13-17 May 2024 / Contact Mode @ HQ
- ★ 20-24 May 2024 / Contact Mode @ ECK
- ★ 18-22 June 2024 / Contact Mode @ HQ
- ★ 08-12 July 2024 / contact Mode @ HQ
- ★ 07-11 October 2024 / Contact Mode @ ECK
- ★ 14-18 October 2024 / Contact Mode @ HQ
- ★ 27-31 January 2025 / Contact Mode @ ECH



# Curriculum Development, Planning and Coordination

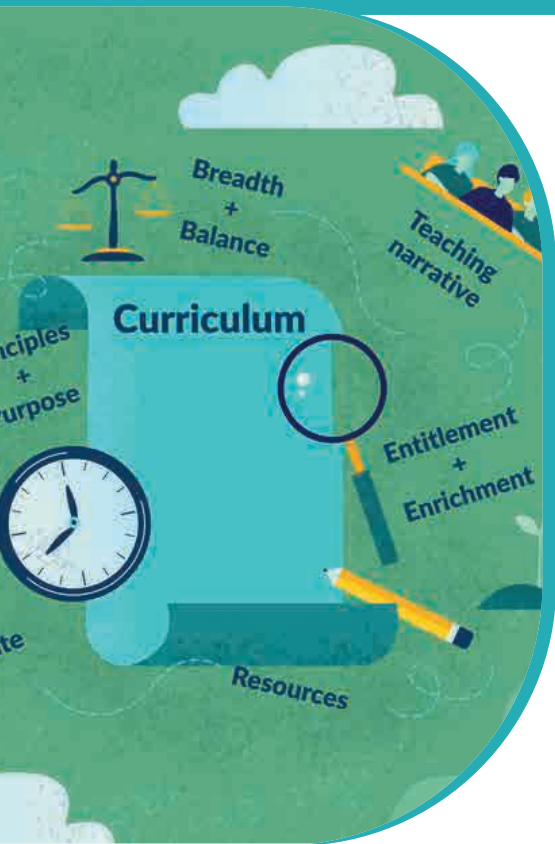
- **Curriculum Towards CDIO**  
29 April - 03 May 2024 / Contact Mode @ HQ
- **Strategic curriculum design for effective OBE implementation**  
20-24 May 2024 / Contact Mode @ HQ
- **Strategic Planning and Institutional Development**  
24-28 June 2024 / Contact Mode @ ECK
- **Quality Assurance through NAAC Accreditation Process**  
01-05 July 2024 / Contact Mode @ ECK
- **EduCraft: Mastering ISO 21001 Standards in Education**  
08-12 July 2024 / Online Mode @ HQ
- **Art of writing research article and drafting for grant of projects**  
08-12 July 2024 / Contact Mode @ HQ

| Course | Title   |
|--------|---|
| •      | <b>Institution Development &amp; Administration (Batch – III)</b><br>08-12 July 2024 / Contact Mode @ ECB                 |
| •      | <b>Sustainable Systems: ISO 14001 Certification Training Program</b><br>05-09 August 2024 / Online Mode @ HQ              |
| •      | <b>Outcome Based Education</b><br>05-09 August 2024 / Contact Mode @ HQ   |
| •      | <b>Outcome Based Curriculum Implementation</b><br>26-30 August 2024 / Online Mode @ HQ                                    |
| •      | <b>Societal Responsibility of an Engineer</b><br>02-06 September 2024 / Online Mode @ HQ                                  |
| •      | <b>Accreditation of Engineering Institutions System, Process and Benefits</b><br>09-13 September 2025 / Contact Mode @ HQ |





# Curriculum Development, Planning and Coordination



| Course | Title |
|--------|-------|
|--------|-------|

- **Developing Graduate Attributes through Student Activities**

23-27 September 2024 / Online Mode @ HQ

- **Outcome Based Curriculum Design and Implementation**

11-15 November 2024 / Contact Mode @ ECK

- **Climate Change – Adaptation, Mitigation and Management**

18-22 November 2024 / Contact Mode @ HQ

- **Outcome Based Curriculum Implementation**

02-06 December 2024 / Online Mode @ HQ

- **Research Article, Thesis Writing and IPR**

16-20 December 2024 / Online Mode @ HQ

- **Outcome Based Curriculum Implementation**

06-10 January 2025 / Contact Mode @ HQ

- **NAAC Accreditation**

06-10 January 2025 / Contact Mode @ HQ

- **Latest Trends Libraries**

03-07 February 2025 / Contact Mode @ ECH

- **Accreditation of Diploma Institutions System, Process and Benefits**

10-14 February 2025 / Contact Mode @ HQ

- **Institution Development & Administration (Batch – IV)**

03-07 March 2025 / Contact Mode @ ECB

- **NEP-2020 Impact & Plans**

03-07 March 2025 / Online Mode @ ECH



# Education



| Course | Title |
|--------|-------|
|--------|-------|

- |   |  |
|---|--|
| ● <b>Advanced Pedagogy</b><br>01-05 April 2024 / Contact Mode @ HQ                              | ● <b>Assessment excellence for effective implementation of OBE</b><br>27-31 May 2024 / Contact Mode @ HQ |
| ● <b>Digital tools for English language teaching</b><br>22-26 April 2024 / Contact Mode @ HQ    | ● <b>Induction Training Programme</b><br>03 -14 June 2024 / Contact Mode @ HQ                            |
| ● <b>Industrial Training Program for English Teachers</b><br>06-25 May 2024 / Contact Mode @ HQ | ● <b>Instructional Design and Delivery Systems</b><br>03-07 June 2024 / Contact Mode @ HQ                |
| ● <b>Induction Training Programme</b><br>06-17 May 2024 / Contact Mode @ ECH                    | ● <b>Instructional Design and Delivery Systems</b><br>03-14 June 2024 / Contact Mode @ ECK               |
| ● <b>Advance Pedagogy</b><br>13-17 May 2024 / Contact Mode @ ECH                                | ● <b>Induction Training Programme</b><br>03-14 June 2024 / Contact Mode @ ECH                            |
| ● <b>Induction Training Programme</b><br>20-31 May 2024 / Contact Mode @ ECH                    | ● <b>Advance Pedagogy</b><br>10-14 June 2024 / Contact Mode @ ECH  |



# Education

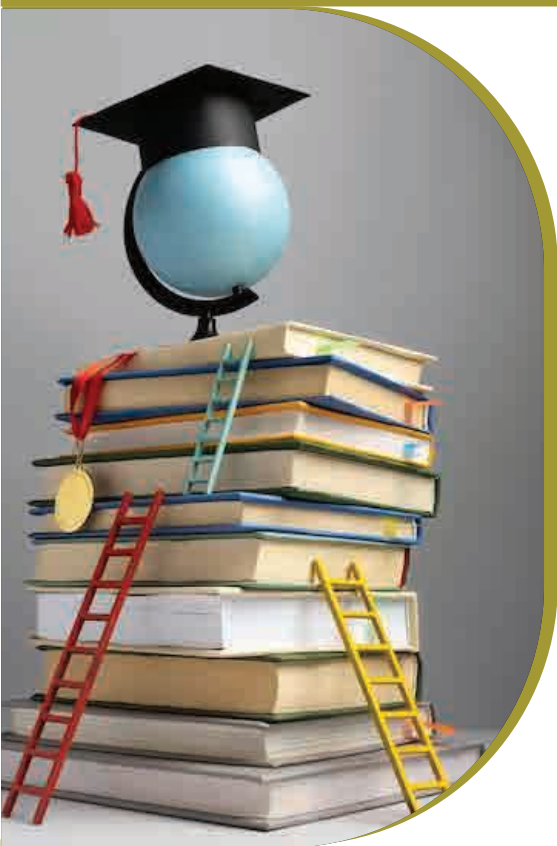
| Course | Title |
|--------|-------|
|--------|-------|

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>● <b>Advanced Pedagogy</b><br/>10-14 June 2024 / Contact Mode @ HQ</li> <li>● <b>Outcome Centric Pedagogy</b><br/>10-14 June 2024 / Contact Mode @ HQ</li> <li>● <b>Induction Training Programme</b><br/>18-29 June 2024 / Contact Mode @ ECH</li> <li>● <b>Student Psychology</b><br/>24-28 June 2024 / Online Mode @ HQ</li> <li>● <b>Innovation in Question Paper Design and Student Assessment in OBE Era</b><br/>24-28 June 2024 / Contact Mode @ HQ</li> <li>● <b>Aspiring Leaders Training</b><br/>08-12 July 2024 / Online Mode @ HQ</li> </ul> | <ul style="list-style-type: none"> <li>● <b>Communication Skills Laboratory – Best practices</b><br/>08-12 July 2024 / Contact Mode @ HQ</li> <li>● <b>Capacity Building for Teachers</b><br/>08 - 12 July 2024 / Online Mode @ ECB</li> <li>● <b>Induction Program for Newly Recruited Teachers</b><br/>15-26 July 2024 / Contact Mode @ ECK</li> <li>● <b>Professional Development in English Language Teaching</b><br/>22-26 July 2024 / Contact Mode @ HQ</li> <li>● <b>Open Book Examination</b><br/>22-26 July 2024 / Contact Mode @ ECH</li> </ul> |
|--|---|





# Education



| Course | Title |
|--------|-------|
|--------|-------|

- |   |  |
|---|--|
| ● <b>Self Healing Techniques</b><br>05-09 August 2024 / Contact Mode @ HQ                                     | ● <b>Instructional Design and Delivery System</b><br>02-06 September 2024 / Online Mode @ HQ           |
| ● <b>Effective Teaching Strategies for English Language Learners</b><br>05-09 August 2024 / Contact Mode @ HQ | ● <b>Advanced Pedagogy</b><br>09-13 September 2024 / Online Mode @ HQ                                  |
| ● <b>Question Paper setting &amp; Open book Examination</b><br>19-23 August 2024 / Contact Mode @ ECH         | ● <b>Communication Skills</b><br>09-13 September 2024 / Contact Mode @ HQ                              |
| ● <b>Effective OBE pedagogy</b><br>19-23 August 2024 / Contact Mode @ HQ                                      | ● <b>Pedagogical styles for promoting entrepreneurship</b><br>09-13 September 2024 / contact Mode @ HQ |
| ● <b>Technical Writing</b><br>19-23 August 2024 / Contact Mode @ HQ   | ● <b>Resilient Pedagogy and Heutagogy</b><br>23-27 September 2024 / Contact Mode @ ECV                 |
| ● <b>Induction Training Programme</b><br>02-13 September 2024 / Online Mode @ HQ                              | ● <b>Employability Skills</b><br>23-27 September 2024 / Contact Mode @ ECB                             |



# Education

| Course | Title |
|--------|-------|
|--------|-------|

- **Indian Knowledge Systems**

14-18 October 2024 / Online Mode @ HQ

- **Research Methodology**

21-25 October 2024 / Online Mode @ HQ

- **Gamification Practices in Language Pedagogy**

21-25 October 2024 / Contact Mode @ HQ

- **Life Skills Training**

04-08 November 2024 / Contact Mode @ HQ

- **Harnessing AI for Innovate Teaching**

04-08 November 2024 / Contact Mode @ HQ

- **Methodology & Change Management**

18-22 November 2024 / Online Mode @ ECB

- **Generative AI in Pedagogy**

25-29 November 2024 / Online Mode @ HQ

- **Outcome Based Education**

02-06 December 2024 / Contact Mode @ HQ

- **English for Research**

02-06 December 2024 / Online Mode @ HQ

- **Recent Trends in Literary and Language Research**

16-20 December 2024 / Online Mode @ HQ

- **Mentoring and Counselling Skills for Teachers**

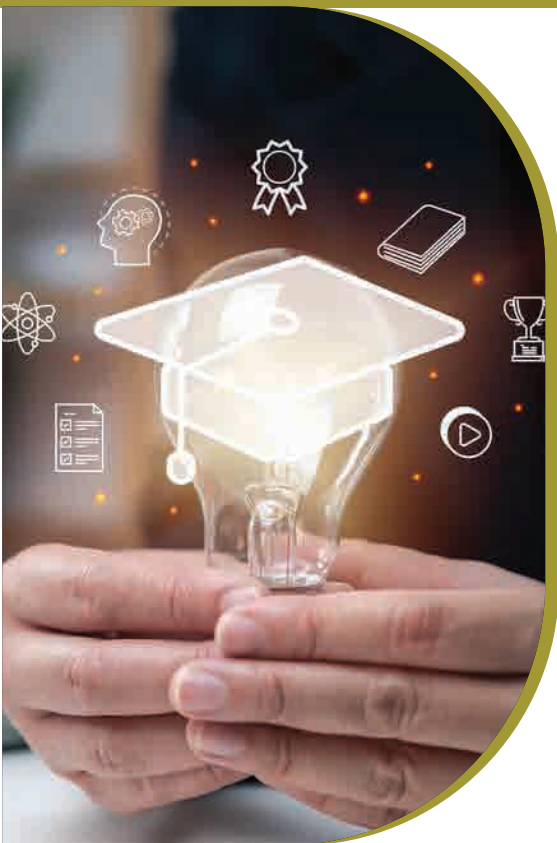
06-10 January 2025 / SPOC Mode @ HQ

- **Critical Pedagogy for Educational Equity**

27-31 January 2025 / Online Mode @ HQ



# Education



| Course | Title |
|--------|-------|
|--------|-------|

- **Yoga and Healing Techniques for Wellbeing**

27-31 January 2025 / Contact Mode @ HQ

- **Career Guidance and Counselling**

03-07 February 2025 / Contact Mode @ ECK

- **Question Paper Authoring and Student Evaluation**

03-07 February 2025 / Contact Mode @ HQ

- **Environmental Humanities**

17-21 February 2025 / Online Mode @ HQ

- **Resilient Pedagogy and Heutagogy**

17-21 February 2025 / Online Mode @ HQ

- **Indian Constitution**

17-21 February 2025 / Contact Mode @ HQ

- **Oucome based Assessment**

19-23 February 2025 / Contact Mode @ HQ

- **Whole Brain Engineering**

03-07 March 2025 / Online Mode @ HQ

- **Instructional Design and Delivery System**

04-08 March 2025 / contact Mode @ HQ

- **Disability and Education**

17-21 March 2025 / Online Mode @ HQ





# Educational Management and Applied Science



| Course | Title |
|--------|-------|
|--------|-------|

- **Assessment & Developing Teaching Competency**

01-05 April 2024 / Online Mode @ ECB

- **Institution Development & Administration (Batch – I)**

10-14 June 2024 / Contact Mode @ ECB

- **Institution Development & Administration (Batch – II)**

24-28 June 2024 / Contact Mode @ ECB

- **Academic Leadership and Classroom Management**

22-26 July 2024 / Online Mode @ ECB

- **Leadership for Academicians of Higher Educational Institutions**

05-09 August 2024 / Online Mode @ ECK

- **Counselling for Student Development**

26-30 August 2024 / Contact Mode @ ECB

- **Managing stress for Effective Living**

09-13 September 2024/ Contact Mode @ ECB

- **Motivation & Change Management**

04-08 November 2024 / Online Mode @ ECB

- **Attitudinal Development & Change Management**

09-13 December 2024 / Online Mode @ ECB

- **Life Skills Development**

10-14 February 2025 / Online Mode @ HQ

- **Managing Emotions**

03-07 March 2025 / Online Mode @ ECB

- **Counselling for Student Development**

10-14 March 2025 / Online Mode @ ECB

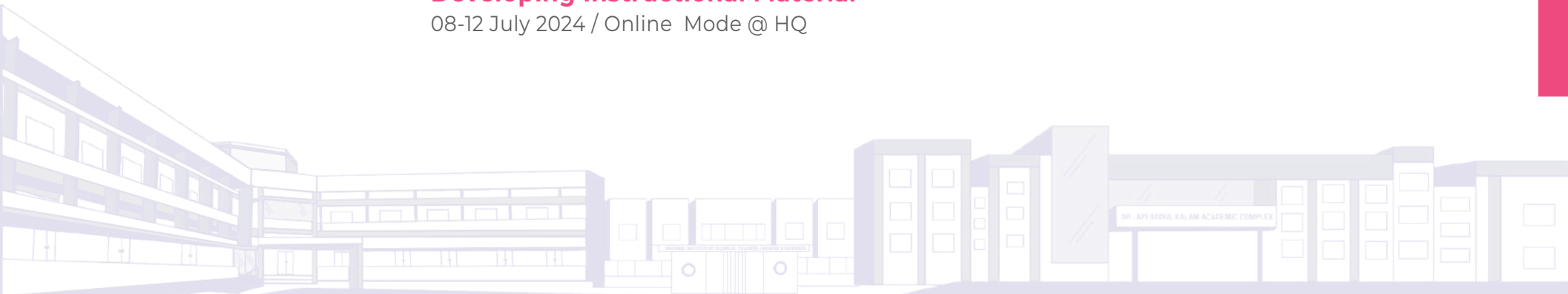


# Educational Media and Technology



| Course | Title |
|--------|-------|
|--------|-------|

- |   |  |
|---|--|
| • <b>E-Content Development and LMS</b><br>20-24 May 2024 / Online Mode @ HQ                     | • <b>Innovative Approaches in Teaching and Learning</b><br>22-26 July 2024 / Contact Mode @ HQ         |
| • <b>ICT for Teaching and Learning</b><br>20-24 May 2024 / Online Mode @ HQ                     | • <b>Digital Pedagogy and Online Tools</b><br>29 July - 02 August 2024 / Online Mode @ HQ              |
| • <b>Data Analytics with Python for Media Applications</b><br>27-31 May 2024 / Online Mode @ HQ | • <b>Applications of Cloud Computing in Media and Internet</b><br>05-09 August 2024 / Online Mode @ HQ |
| • <b>Immersive Technologies – AR and VR</b><br>03-07 June 2024 / Contact Mode @ HQ              | • <b>Instructional Design for Online Courses</b><br>19-23 August 2024 / Online Mode @ HQ               |
| • <b>Python Framework for Game Development</b><br>10-14 June 2024 / Contact Mode @ HQ           | • <b>Infographics and Digital Storytelling</b><br>26-30 August 2024 / Online Mode @ HQ                 |
| • <b>Developing Instructional Material</b><br>08-12 July 2024 / Online Mode @ HQ                |  |



# Educational Media and Technology

| Course | Title |
|--------|-------|
|--------|-------|

- **Cyber Security Awareness For Handling Social Media Vulnerabilities**

02-06 September 2024 / Online Mode @ HQ

- **Learning Technologies**

04-08 September 2024 / Online Mode @ HQ

- **Innovative Use of Educational Media and Technology**

09-13 September 2024 / Contact Mode @ HQ

- **Optimizing Online Publishing with LaTeX Techniques**

23-27 September 2024 / Online Mode @ HQ

- **Video-Based Collaborative Learning**

14-18 October 2024 / Online Mode @ HQ

- **Outcome Based Learning and Teaching**

21-25 October 2024 / Contact Mode @ HQ

- **Utilizing R for Data Analysis and Insight Discovery**

04-08 November 2024 / Online Mode @ HQ

- **Digital Competencies for Developing and Managing Digital Libraries**

18-22 November 2024 / Online Mode @ HQ

- **Interactive E-Learning Module for Teacher Training**

25-29 November 2024 / Online Mode @ HQ

- **Educational Video Production workshop for Mechanical and Allied Branches**

16-20 December 2024 / Contact Mode @ HQ

- **Digital Literacy and Technology Competency**

16-20 December 2024 / Contact Mode @ HQ





# Educational Media and Technology



| Course | Title |
|--------|-------|
|--------|-------|

- |  |   |
|--|---|
| • <b>Open Educational Research (OER) and Social Media Analytics</b><br>06-10 January 2025 / Online Mode @ HQ           | • <b>Leveraging Contemporary Educational Tools for Engagement</b><br>10-14 February 2025 / Online Mode @ HQ |
| • <b>Digital Tools for Education</b><br>20-24 January 2025 / Contact Mode @ HQ   | • <b>Content Development for AR and VR</b><br>17-21 February 2025 / Contact Mode @ HQ                       |
| • <b>Bibliometric Analysis and Reference Management</b><br>20-24 January 2025 / Contact Mode @ HQ                      | • <b>Game Development using Unreal Engine</b><br>03-07 March 2025 / Contact Mode @ HQ                       |
| • <b>Educational Video Production workshop for Civil and Allied Branches</b><br>27-31 January 2025 / Contact Mode @ HQ | • <b>Emerging Trends in Digital Learning Environments</b><br>17-21 March 2025 / Online Mode @ HQ            |
| • <b>Data Analytics for Multimedia Applications</b><br>03-07 February 2025 / Contact Mode @ HQ                         | • <b>Cloud Computing for Media and OTT platforms</b><br>24-28 March 2025 / Online Mode @ HQ                 |

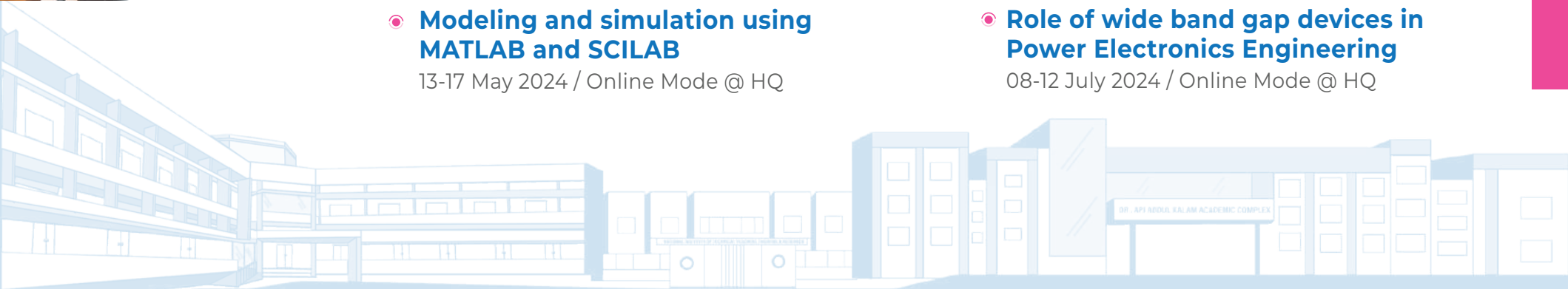


# Electrical, Electronics and Communication Engineering



| Course | Title |
|--------|-------|
|--------|-------|

- |   |   |
|---|---|
| • <b>Embedded Systems using 8051 Micro Controller</b><br>01-05 April 2024 / Online Mode @ HQ  | • <b>VHDL Programming</b><br>27-31 May 2024 / Online Mode @ HQ  |
| • <b>MATLAB and LabVIEW Applications</b><br>08-12 April 2024/ Online Mode @ HQ                | • <b>Circuit creation analysis simulation and PCB Design using Multisim</b><br>03-07 June 2024 / Online Mode @ HQ |
| • <b>Measurement and Control for System Automation</b><br>22-26 April 2024 / Online Mode @ HQ | • <b>AI Applications in Electrical and Electronics Engineering</b><br>10-14 November 2024 / Contact Mode @ HQ     |
| • <b>Verilog Programming</b><br>29 April - 03 May 2024 / Online Mode @ HQ                     | • <b>Arduino Projects using Tinkercad</b><br>24-28 June 2024 / Online Mode @ HQ                                   |
| • <b>Digital and Mobile Communication Engineering</b><br>06-10 May 2024 / Online Mode @ HQ    | • <b>Electric Vehicle Dynamics and Control</b><br>01-05 July 2024 / Online Mode @ HQ                              |
| • <b>Modeling and simulation using MATLAB and SCILAB</b><br>13-17 May 2024 / Online Mode @ HQ | • <b>Role of wide band gap devices in Power Electronics Engineering</b><br>08-12 July 2024 / Online Mode @ HQ     |



# Electrical, Electronics and Communication Engineering

## Course

## Title

- **Programmable Logic Controller Systems using micro 820 controllers**

22-26 July 2024 / Online Mode @ HQ

- **Data Communication & Networking**

29 July - 02 August 2024 / Online Mode @ HQ

- **Working with Electrical CAD, Estimation and Costing**

05-09 August 2024 / Online Mode @ HQ

- **Quality Assurance of Technical Institutions through Accreditation**

12-16 August 2024 / Online Mode @ HQ

- **Industrial Training on Industrial Automation using PLC, Pneumatics and Robotics**

19 August - 06 September 2024 / Contact Mode @ HQ

- **Industrial Instrumentation and control**

26-30 August 2024 / Online Mode @ HQ

- **MATLAB Programming**

09-13 September 2024 / Online Mode @ HQ

- **Graphical System Design using LabVIEW**

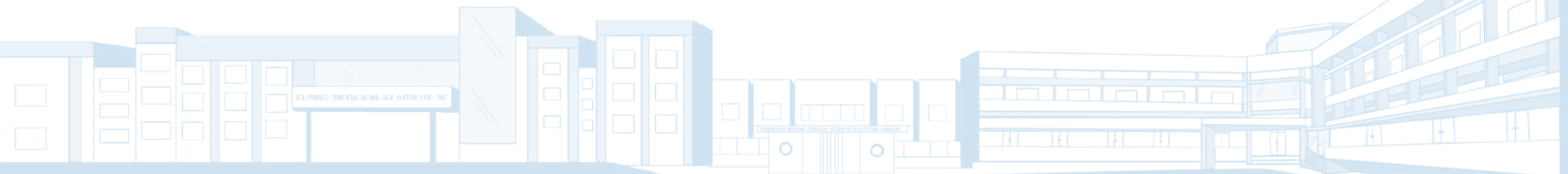
16-20 September 2024 / Online Mode @ HQ

- **Applications of AI Techniques for Power Systems**

23-27 September 2024 / Online Mode @ HQ

- **Biomedical Electronics and Telemedicine**

30 September - 04 October 2024 / Online Mode @ HQ





# Electrical, Electronics and Communication Engineering

| Course | Title |
|--------|-------|
|--------|-------|

- **Advanced Communication Systems**

14-18 October 2024 / Online Mode @ HQ

- **IoT Applications for sensors and Actuators**

21-25 October 2024 / Online Mode @ HQ

- **Cyber Physical Systems (CPS)**

04-08 November 2024 / Online Mode @ HQ

- **Modern software Tools usage in Electrical and Electronics Engineering**

18-22 November 2024 / Online Mode @ HQ

- **Engineering Application using MATLAB Programming**

25-29 November 2024 / Online Mode @ HQ

- **Electrical Machines for EV applications**

02-06 December 2024 / Online Mode @ HQ

- **Biomedical Engineering and IoT in Healthcare**

09-13 December 2024 / Online Mode @ HQ

- **Modern Communication**

09-13 December 2024 / Contact Mode @ ECH

- **Sensors and Instrumentation**

16-20 December 2024 / Online Mode @ HQ

- **MATLAB and LabVIEW Programming for Engineering Applications**

30 December - 03 January 2024-25 / Online Mode @ HQ



# Electrical, Electronics and Communication Engineering

| Course | Title |
|--------|-------|
|--------|-------|

- **Design of Electrical & Electronic Systems for wind & solar**

06-10 January 2025 / Online Mode @ HQ

- **Soft Computing Techniques for Engineering Applications**

20-24 January 2025 / Online Mode @ HQ

- **Switch gear protection, PLC and SCADA**

27-31 January 2025 / Online Mode @ HQ

- **Simulations in Electronics**

03-07 February 2025 / Online Mode @ HQ

- **Electric Vehicle Technology & Lithium ion Batteries**

10-14 February 2025 / Online Mode @ HQ

- **Smart Grid and Renewable Energy**

17-21 February 2025 / Online Mode @ HQ

- **LabVIEW Programming**

24-28 February 2025 / Online Mode @ HQ

- **Internet of things (IoT) using Arduino and Raspberry Pi**

03-07 March 2025 / Online Mode @ HQ

- **Wireless Communication**

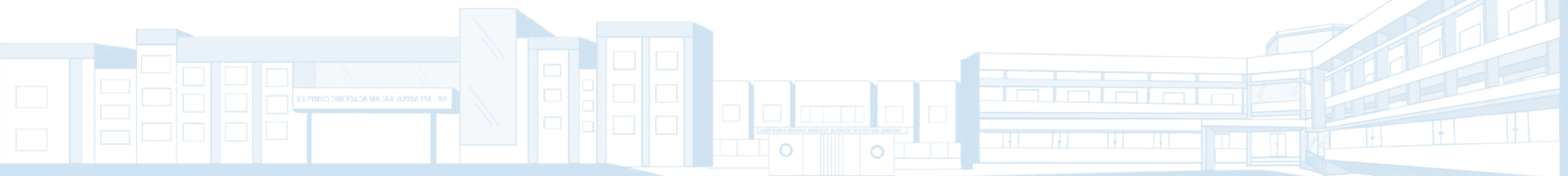
10-14 March 2025 / Online Mode @ HQ

- **Intelligent Control and Automation**

17-21 March 2025 / Online Mode @ HQ

- **Industry 4.0 and Internet of Things (IoT) Applications**

24-28 March 2025 / Online Mode @ HQ



# Mechanical Engineering



| Course | Title |
|--------|-------|
|--------|-------|

- |   |   |
|---|---|
| ● <b>Industry 4.0 – Concepts &amp; Applications</b><br>01-05 April 2024 / Online Mode @ HQ  | ● <b>Computer Integrated Manufacturing</b><br>06-10 May 2024 / Contact Mode @ HQ                    |
| ● <b>Advances in Materials &amp; Manufacturing</b><br>15-26 April 2024/ Contact Mode @ HQ   | ● <b>Recent Development in Mechanical Engineering</b><br>06-10 May 2024 / online Mode @ HQ          |
| ● <b>Geometric Dimensioning and Tolerancing</b><br>15-19 April 2024 / Online Mode @ HQ      | ● <b>Non Traditional Machining</b><br>13-17 May 2024 / Online Mode @ HQ                             |
| ● <b>Emerging Trends in Additive Manufacturing</b><br>22-26 April 2024 / Contact Mode @ ECB | ● <b>Unmanned Aerial Vehicles: Disruptive Technology</b><br>13-17 May 2024 / Contact Mode @ OC      |
| ● <b>Green Energy Technology</b><br>22-26 April 2024 / Contact Mode @ HQ                    | ● <b>Robotics &amp; Mechatronics for Industrial Automation</b><br>20-24 May 2024 / Online Mode @ HQ |
| ● <b>Smart Manufacturing</b><br>29 April - 03 May 2024 / Online Mode @ HQ                   | ● <b>Project Management Skills</b><br>27-31 May 2024 / Contact Mode @ HQ                            |





# Mechanical Engineering

| Course | Title |
|--------|-------|
|--------|-------|

- **Robot Modeling and Simulation**

03-07 June 2024 / Contact Mode @ HQ

- **Energy and Enviromental Management**

10-14 June 2024 / Online Mode @ HQ

- **AI and ML in Drone Applications**

10-14 June 2024 / Online Mode @ HQ

- **3D Modeling**

24-28 June 2024/ Contact Mode @ HQ

- **CAD/CAM**

08-12 July 2024 / Contact Mode @ ECH

- **Smart Factory**

22-26 July 2024 / Contact Mode @ HQ

- **Python Programming**

22-26 July 2024 / Contact Mode @ HQ

- **Industrial Training in Mechanical Engineering in collaboration with RSDC**

22-26 July 2024 / Contact Mode @ HQ

- **IoT and Image Processing for UAV Applications**

05-09 August 2024 / Online Mode @ HQ

- **Renewable Energy Sources**

05-09 August 2024 / Online Mode @ HQ

- **AI /ML in Robotic Applications**

26-30 August 2024/ Online Mode @ HQ

- **CNC Machines & Programming**

02-06 September 2024 / Contact Mode @ HQ



# Mechanical Engineering



| Course | Title |
|--------|-------|
|--------|-------|

- **Advances in Welding & Manufacturing**

09-13 September 2024 / Contact Mode @ HQ

- **Solid Edge**

09-13 September 2024 / Contact Mode @ HQ

- **Computer Aided Design and Process Planning**

23-27 September 2024 / Online Mode @ HQ

- **Thermal Power and Energy Engineering**

23-27 September 2024 / Online Mode @ HQ

- **Advances in Casting & Manufacturing**

14-18 October 2024 / Online Mode @ HQ

- **CAD / CAM**

21-25 October 2024 / Contact Mode @ HQ

- **Matlab Applications**

21-25 October 2024 / Contact Mode @ HQ

- **Industrial Training in Automobile Technology in collaboration with RSDC**

21-25 October 2024 / Contact Mode @ HQ

- **Nanotechnology & Applications**

04-08 November 2024 / Online Mode @ HQ

- **Industrial Training on Drone Technology**

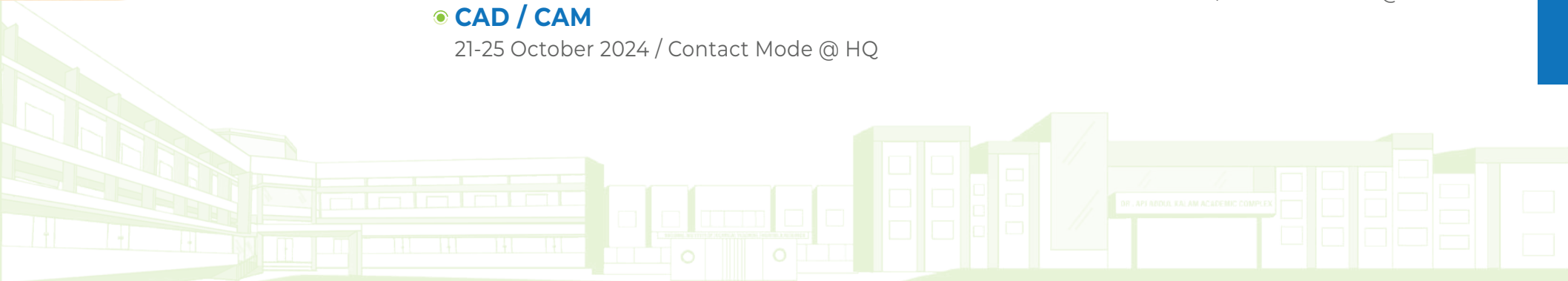
04-08 November 2024 / Contact Mode @ HQ

- **Robotics for Factory Automation**

04-08 November 2024 / Online Mode @ HQ

- **Trends in CNC Machining & Metrology**

18-22 November 2024 / Contact Mode @ ECB



# Mechanical Engineering

| Course | Title |
|--------|-------|
|--------|-------|

- **Present and Future Trends in Unmanned Aerial Vehicles**

18-22 November 2024 / Online Mode @ HQ

- **CAD Modeling**

25-29 November 2024 / Contact Mode @ HQ

- **Sustainable Energy Development**

25-29 November 2024 / Contact Mode @ ECB

- **Recent trends in Industrial Automation**

02-06 December 2024 / Online Mode @ HQ

- **Product Design and Assembly**

09-13 December 2024 / Online Mode @ HQ

- **Energy, Thermal and Refrigeration and Air-conditioning**

16-20 December 2024 / Online Mode @ HQ

- **Emerging trends in Mechatronics**

06-10 January 2025 / Contact Mode @ HQ

- **Recent Trends in Metal Additive Manufacturing**

06-10 January 2025 / Contact Mode @ HQ

- **Solar, Wind and Bio Energy Applications**

06-10 January 2025 / Online Mode @ HQ

- **Computer Aided Design / Parametric Modelling**

06-10 January 2025 / Contact Mode @ HQ

- **Trends in 3D Printing & Manufacturing**

20-24 January 2025 / Online Mode @ HQ

- **CNC Programming**

20-24 January 2025 / Contact Mode @ HQ

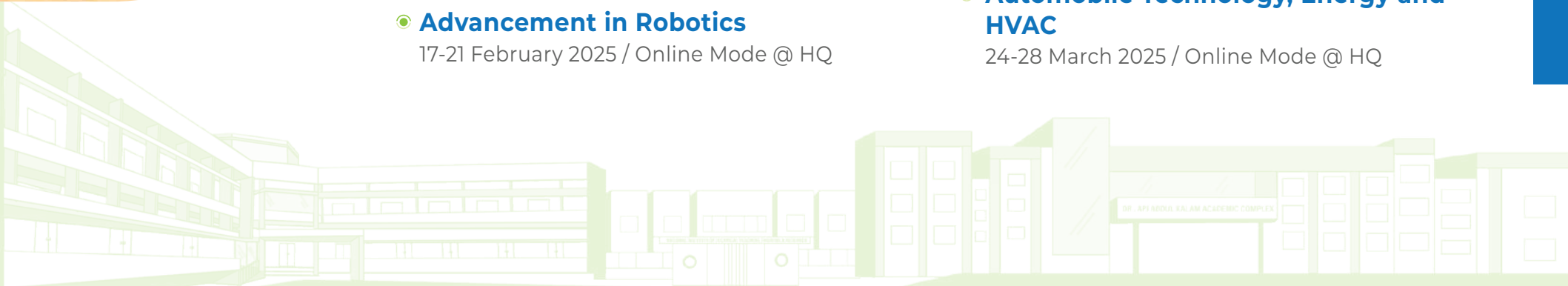


# Mechanical Engineering



| Course | Title |
|--------|-------|
|--------|-------|

- |  |   |
|--|---|
| ● <b>IoT and Industrial IoT</b><br>27-31 January 2025 / Online Mode @ HQ   | ● <b>Digital Transformation in Manufacturing</b><br>17-21 February 2025 / Online Mode @ HQ                                  |
| ● <b>Advances in Heat Treatment &amp; Material Processing</b><br>03-07 February 2025 / Online Mode @ HQ                  | ● <b>Unmanned Aerial Vehicles: Trends and Future Prospects</b><br>03-07 March 2025 / Online Mode @ HQ                       |
| ● <b>Robotics</b><br>03-07 February 2025 / Contact Mode @ HQ   | ● <b>Refrigeration and Air conditioning</b><br>03-07 March 2025 / Online Mode @ ECB   |
| ● <b>Industrial Training on Manufacturing of Material Handling Equipments</b><br>10-14 February 2025 / Contact Mode @ HQ | ● <b>Additive Manufacturing : Industrial Perspective ( Industry Collaborations)</b><br>17-21 March 2025 / Contact Mode @ HQ |
| ● <b>Advances in Mechanical Engineering</b><br>10-14 February 2025 / Contact Mode @ HQ                                   | ● <b>ANSYS</b><br>17-21 March 2025 / Online Mode @ HQ   |
| ● <b>Advancement in Robotics</b><br>17-21 February 2025 / Online Mode @ HQ   | ● <b>Automobile Technology, Energy and HVAC</b><br>24-28 March 2025 / Online Mode @ HQ                                      |





# Rural and Entrepreneurship Development



| Course | Title |
|--------|-------|
|--------|-------|

- **Agribusiness Entrepreneurship**

01-05 April 2024 / Online Mode @ HQ

- **Entrepreneurial Marketing**

08-12 April 2024/ Online Mode @ HQ

- **Aquaculture Entrepreneurship**

15-19 April 2024 / Online Mode @ ECK

- **Entrepreneurial Finance**

22-26 April 2024 / Online Mode @ HQ

- **Entrepreneurship Development and Startups**

27-31 May 2024 / Online Mode @ HQ

- **Enterprise Risk Management**

01-05 July 2024 / Online Mode @ HQ

- **Ethics in Entrepreneurship**

08-12 July 2024 / Online Mode @ HQ

- **Carbon Offsetting Business Initiatives**

22-26 July 2024 / Online Mode @ HQ

- **Social Media Marketing**

22-26 July 2024 / Online Mode @ HQ

- **Circular Economy Businesses**

05-09 August 2024 / Online Mode @ HQ



# Rural and Entrepreneurship Development

| Course | Title |
|--------|-------|
|--------|-------|

- **Entrepreneurial Leadership**

05-09 August 2024 / Online Mode @ ECK

- **Intrapreneurship Facilitator: Nurturing Intrapreneurial Talent**

19-23 August 2024 / Online Mode @ HQ

- **Community Based Enterprising**

26-30 August 2024 / Online Mode @ HQ

- **Supply Chain Entrepreneurship: Bridging Business and Logistics**

06-02 September 2024 / Online Mode @ HQ

- **Eco-tourism and Recreational Enterprising**

23-27 September 2024 / Online Mode @ HQ

- **Driving Entrepreneurship through Innovation**

14-18 October 2024 / contact Mode @ HQ

- **Enabling Entrepreneurship & Start-up Mindset**

14-18 October 2024/ Online Mode @ ECB

- **Environmental Entrepreneurship**

21-25 October 2024 / Online Mode @ HQ

- **AI-Enhanced Business Planning**

04-08 November 2024 / Online Mode @ HQ

- **Fundamentals of HR Analytics**

18-22 November 2024 / Online Mode @ HQ



# Rural and Entrepreneurship Development



| Course | Title |
|--------|-------|
|--------|-------|

- |  |   |
|--|---|
| ● <b>Recent Trends in Marketing</b><br>02-06 December 2024 / Contact Mode @ HQ                       | ● <b>The Power of Predictive Analytics in Supply Chain Optimization</b><br>03-07 February 2025 / Online Mode @ HQ |
| ● <b>Social Entrepreneurship</b><br>09-13 December 2024 / Online Mode @ HQ                           | ● <b>Greener Technologies and Entrepreneurship</b><br>10-14 February 2025 / Online Mode @ HQ                      |
| ● <b>Pharmaceutical Industrial Management</b><br>16-20 December 2024 / Contact Mode @ ECH            | ● <b>Quality Management System in Entrepreneurship</b><br>24-27 February 2025 / Online Mode @ HQ                  |
| ● <b>Entrepreneurship Development</b><br>01-05 January 2025 / contact Mode @ HQ                      | ● <b>Purchase Procedures and E-procurement</b><br>24-27 February 2025 / Contact Mode @ HQ                         |
| ● <b>Rural Development and Governance</b><br>06-10 January 2025 / Online Mode @ HQ                   |   |
| ● <b>Unleashing Marketing Potential with Data Analytics</b><br>20-24 January 2025 / Online Mode @ HQ |   |





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