

| DAY 1 (March 12, 2018) | |
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| Time | Activity |
| 08:30 – 10:00 | Participants arrival & registration |
| Inaugural Session | |
| 10:00 – 10:05 | Recitation from Holy Quran & National Anthem |
| 10:05 – 10:10 | Opening remarks (MOC) |
| 10:10 – 10:15 | Welcome Address Professor. Dr. Iftikhar Hussain, Vice Chancellor, UET Peshawar |
| 10:15 – 10:20 | Welcome Address Lieutenant General Naweed Zaman, HI (M), (Retired) Rector, NUST |
| 10:20 – 10:25 | Address Mr. John Hoover, U.S. Deputy Ambassador for Pakistan |
| 10:25 – 10:35 | Address by the Chief Guest Mr. Omar Ayub Khan – Federal Minister for Power |
| 10:35 – 10:40 | Presentation of shields |
| 10:40 – 10:50 | Tea & refreshments |
| 10:50 – 11:30 | Plenary Talk-I Prof. Dr. Adil Najam, Boston University, USA Pakistan in the age of energy transitions |
| 11:30 – 12:30 | Panel Discussion-I <u>Impact of energy policy and planning in Pakistan</u> <i>Prof. Sayfe Kaiei (ASU) - Moderator</i> Mr. Shahzad Syed Qasim (Special Assistant to the Prime Minister on Power Sector) Mr. Tahawar Hussain (Member Energy, Ministry of Planning & Development) Ms. Uzma Adil (Chairperson, Oil & Gas Regulatory Authority) Mr. Shahjahan Mirza (Managing Director, Private Power Infrastructure Board) Ms. Saania Awais (Managing Director, Punjab Power Development Board) Dr. Fiaz Ahmad Chaudhry (Professor and Werner-Von-Siemens Chair, LUMS) Dr. Fatima Khushnud Chairman, IPP Association of Pakistan, |
| Technical Session-I: Energy Policy & Management Session Chair: Dr. Tanvir Ahmad, USPCAS-E, UET Peshawar | |
| 12:30 – 12:55 | Keynote-I Dr. Joyce Miller, CAPRESE, Switzerland Energy for change |
| 12:55 – 13:20 | Keynote-II Prof. Dr. Muhammad Shahbaz , Montpellier Business School, Montpellier, France Energy efficiency in developed countries: lesson for Pakistan |
| 13:20 – 14:15 | Lunch & prayer break |
| Technical Session-II: Renewable Energy Session Chair: Dr. Adeel Waqas USPCAS-E, NUST | |
| 14:15 – 14:40 | Keynote-III Prof. Dr. Jawad Darr, University College London-UK New approaches and capabilities for energy storage materials and an update of the UK faraday challenge for Energy Storage |
| 14:40 – 15:05 | Keynote-IV Prof Dr. Kamaruzzaman Sopian, Universiti Kebangsaan Malaysia, Malaysia Advances in photovoltaic thermal solar collectors |
| 15:05 – 15:30 | Keynote-V |

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| | <p>Dr. Kandasamy Vignarooban, University of Jaffna, Sri Lanka Rechargeable sodium-ion batteries for stationary energy storage applications - advantages and potential challenges</p> |
| <p>Technical Session-III: Thermal Power Session Chair: Dr. Naseem Iqbal, USPCAS-E, NUST</p> | |
| 15:30 – 15:55 | <p>Keynote-VI Prof. Dr. Edd A. Blakken, Norwegian University of Science and Technology NTNU, Norway Advanced biofuels via biomass gasification: Technologies, barriers and research</p> |
| 15:55 – 16:20 | <p>Keynote-VII Prof. Dr. Xinying Liu- University of South Africa-South Africa Liquid fuel production from unconventional carbon resources</p> |
| 16:20 – 16:45 | <p>Keynote-VIII Mr. Sarim Sheikh, GE Pakistan The future of thermal power in Pakistan</p> |
| 16:45 – 17:00 | Tea & refreshments/Day 1 Closure |
| 19:00 – 20:00 | Gala Dinner |
| <p>DAY 2 (March 13, 2018)</p> | |
| 09:15 – 09:55 | <p>Plenary Talk-II Prof. Dr. Sayfe Kiaei, Arizona State University, USA Overview of emerging energy technologies and trends</p> |
| 09:55 – 10:55 | <p>Panel Discussion-II Future road map of energy solutions in Pakistan <i>Dr. Kendra Sharp (OSU) - Moderator</i> Dr. Ashfaq Hasan Khan(S3H, NUST) Dr. Irfan Mufti (UET Peshawar) Mr. Ashfaq Mahmood (Prime Minister Task Force on Energy) Mr. Amer Zafar Durrani (CEO, Paidar Twanai, Industry Co-Chair CAC on Energy NUST) Ms. Saadia Qayyum (PEECA) Ms. Ermeena Malik (USAID SEP Project)</p> |
| 10:55 – 11:05 | Tea & refreshments |
| <p>Technical Session-IV: Electrical Power Session Chair: Dr. Abdul Basit, UET Peshawar</p> | |
| 11:05 – 11:30 | <p>Keynote-IX Prof. Dr. Kendra Sharp, Oregon State University, USA Opportunities and challenges for small hydropower</p> |
| 11:30 – 11:55 | <p>Keynote-X Prof. Dr. Fiaz Ahmad Chaudhry , LUMS, Pakistan A step towards IEP: Current State Assessment</p> |
| 11:55 – 12:20 | <p>Keynote-XI Prof. Dr. Azzam ul Asar, CECOS University, Pakistan Trending RE technologies: Opportunities and challenges for power applications in Pakistan</p> |
| 12:20 – 12:55 | <p>Keynote-XII Mr. Salis Usman, NTDC, Pakistan Putting Pakistan power system planning into perspective</p> |
| 13:00 – 14:00 | Lunch & prayer break |
| 14:00 – 15:00 | Poster competition |
| <p>Closing Ceremony</p> | |
| 15:15 – 15:20 | Recitation |

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| 15:20 – 15:30 | Conference Declaration |
| 15:30 – 15:40 | Closing remarks by Rector NUST Lieutenant General Naweed Zaman, HI (M), (Retired) Rector, NUST |
| 15:40 – 15:50 | Closing remarks by VC UET Professor. Dr. Iftikhar Hussain, Vice Chancellor, UET Peshawar |
| 15:50 – 16:00 | Closing remarks by USG Representative |
| 16:00 – 16:10 | Address by the Chief Guest Mr. Hamayatullah khan Advisor to Chief Minister for Energy & Power Department, Government of Khyber Pakhtunkhwa |
| 16:10 – 16:25 | Presentation of poster prizes and shields |
| 16:25 – 16:40 | Tea & refreshments/Conference closure |