Pre-Conference Workshop on Data Science
07th February, 2020

Programme
Venue - Reference Section

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>0830-0930hrs</td>
<td>Breakfast</td>
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<tr>
<td>09930-1000hrs</td>
<td>Registration</td>
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<tr>
<td>1000-1030 hrs</td>
<td>Inaugural session</td>
</tr>
<tr>
<td>1030-1130hrs</td>
<td>Introduction to Python</td>
</tr>
<tr>
<td>1130-1145 hrs</td>
<td>Tea Break</td>
</tr>
<tr>
<td>1145-1300</td>
<td>Data Analysis using Python</td>
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<tr>
<td>1300-1400hrs</td>
<td>Lunch Break at Guest House</td>
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<tr>
<td>1400-1530hrs</td>
<td>Data Analysis using Python Practice</td>
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<tr>
<td>1530-1545hrs</td>
<td>Tea Break</td>
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<tr>
<td>1545-1700hrs</td>
<td>Data Analysis using Python Practice</td>
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<tr>
<td>1705-1720hrs</td>
<td>Valedictory session</td>
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**Programme**

<table>
<thead>
<tr>
<th>TIME</th>
<th>EVENT</th>
<th>SPEAKERS</th>
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<tbody>
<tr>
<td>0800-0900 hrs</td>
<td>Breakfast</td>
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<td>Venue: Room No.-513</td>
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<tr>
<td>0900-1000 hrs</td>
<td>Registration</td>
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<td>Venue: Room No.-513</td>
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<tr>
<td>1000-1115 hrs</td>
<td>Inaugural Session</td>
<td>Chair: President OEA</td>
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<td>Professor Satyakam Mishra,</td>
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<tr>
<td>1000-1010 hrs</td>
<td>Welcome Address by the Principal, PMEC,</td>
<td>Dr Amarendra Das,</td>
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<td>Prof Ranjan Kumar Swain</td>
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<tr>
<td>1010-1020 hrs</td>
<td>About the Conference and Annual Report</td>
<td>Secretary, OEA</td>
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<td>Dr Amarendra Das,</td>
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<tr>
<td>1020-1045 hrs</td>
<td>Address by Chief Guest</td>
<td>Vice Chairperson, Odisha State Higher Education Council.</td>
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<td>Professor Asoka Kumar Das,</td>
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<tr>
<td>1045-1110 hrs</td>
<td>Presidential Address,</td>
<td>Professor Satyakam Mishra</td>
</tr>
<tr>
<td>1110-1115 hrs</td>
<td>Vote of Thanks: Organising Secretary,</td>
<td>Dr Jnanaranjan Mohanty</td>
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<tr>
<td>1115-1130 hrs</td>
<td>Tea Break</td>
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<td>Venue: Room No.-513</td>
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<tr>
<td>1130-1300 hrs</td>
<td>Plenary Session</td>
<td>Chair: Professor Kishor C. Samal</td>
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<td>Venue: Hall No.-511</td>
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<td></td>
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<td>Professor Uday S. Mishra, CDS, Thiruvananthapuram</td>
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<td>Professor Saudamini Das, IEG, Delhi</td>
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<tr>
<td>1300-1400 hrs</td>
<td>Lunch Break</td>
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<td>Venue-Guest House</td>
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<tr>
<td>1400-1530 hrs</td>
<td>Technical Session I</td>
<td>Parallel Session I.1 (Sustainability, PES)</td>
</tr>
</tbody>
</table>
1 Effect of Flood and Fire Event on Economic Growth in Odisha, India
   Yashobanta Parida, Tapaswini Nayak, Prakash Kumar Sahoo and Parul Bhardwaj

2 Payments for Ecosystem Services and their Market: A Review on the Challenges and Issues in India
   Suvangi Rath, Amarendra Das, S N Mishra, Khitish Kumar Sarangi

3 Barriers of Implementing Green Practices in Star Hotels in Greater Hyderabad Municipal corporations
   Arakhita Behera

4 Smart City: an Imperative not an Option towards Sustainable Development for Global Urbanization
   Sadananda Sahoo and Karteek Madapana

5 Role of Grassroot Institutions in the Management of Water Resources for Sustainable Agriculture Development
   Krishna Chandra Pradhan, Suvikram Pradhan

6 Negativity of Ship Breaking Industry in India
   Hrudanand Misra

7 Eco-tourism and Sustainability: Prospects in Malkangiri District of Odisha
   P.K. Mishra and L.P. Panda

1400-1530 hrs Parallel Session I.2 (Climate Change)

1 Crop Insurance for Coping with Climate Change Risk in Odisha
   Mamata Swain, Sasmita Patnaik, Basanti Renu Hembram

2 Climate change, impact on agriculture and rural livelihood in Odisha.
   Benudhar Bhuyan, and Sushanta Nayak

3 A study on climate resilient millet based production system in Koraput District of Odisha
   Bijaya Kumar Nayak and Ashis Kumar Behera

4 Impact of Deforestation on Environment and Climate Change
   Surjya Narayan Tripathy

5 The role of higher education in creating climate change awareness among masses in India
   Sudhansu Sekhar Nayak and Tanuj Kumar Bisoyi

6 Multiple Mediating Effects of FDI inflows on India's Carbon Dioxide Emissions
   Prajukta Tripathy

1400-1530 hrs Parallel Session I.3 (Macro Picture)

1 Does Social Sector Development Lead to Economic Growth? Empirical Evidence from Odisha

2 Trend in social sector expenditure - Debendra Kumar Biswal
the experience of Odisha
3 Nexus between Social Sector Expenditure, Human Development Index, Per Capita NSDP and Inflation Rate of Odisha
Debesh Bhowmik
4 Growth and Instability of Public Health Expenditure in Post- reform India : An Empirical evidence from EAG States
Sachita Nanda Sa, Diptimayee Samal
5 Extent and Use of Schooling Infrastructure and its Impact on Educational Attainment : A State level analysis
Bibhunandini Das
6 Impact of Economic Growth on Social Sector: An Assessment through Education and Health in the State of Odisha
Laxmi Narayan Nayak

1400-1530 hrs Parallel Session I.4 (Health)
Venue: Room No.417
(Seminar Hall Department of Computer Science Engineering)
1 Behavioural Changes in the Utilisation of Maternal and Child Health Care in India: A Study of Gajapati District
Amarenda Das and Laxmikanta Gual
2 Rural Health care system in Odisha : Performance of the Special Newborn Care Units of Odisha in terms of Morbidity and Mortality of the Newborns
Dhanalaxmi Pattnaik
3 Utilization of Maternal and Child Health Care Services in Odisha: A household level Analysis
Gitanjali Kar
4 Understanding Gaps in Healthcare Services through Healthcare Delivery System in Odisha
Jyotirmayee Rout
5 Infant Mortality Rate among Tribals in Odisha: Socio-Economic Challenges
Manjulata Mahali

1500-1545 hrs Tea Break
Venue:Room No-513

1545-1645hrs Prof. K. M Pattanaik Memorial Lecture
Speaker: Professor Amaresh Samantaray, Pondicherry University
Venue: Hall No.511
1645-1715hrs Role of Capital market in Economic growth
Presentation by BSE team
Venue: Hall No.511
1715-1800hrs Discussion of Doctoral Scholars with Invited Speakers about their research work
Venue: Hall No.511

1800-1900hrs General Body Meeting of OEA
Venue: Hall No.511

1900-2000hrs Cultural Programme
Venue: Hall No.511
2000-2100hrs Dinner
Venue: Guest House

DAY - 2
9th February 09-2020
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Venue</th>
<th>Presentation</th>
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<tbody>
<tr>
<td>0800-0900hrs</td>
<td>Breakfast</td>
<td>Room No.-513</td>
<td>Professor Baidyanath Misra Memorial Lecture</td>
</tr>
<tr>
<td>0900-1000hrs</td>
<td>Chair: Dr Rabi Narayan Patra</td>
<td>Hall No-511</td>
<td>Professor Deepak K. Mishra, JNU, New Delhi</td>
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<tr>
<td>1000-1130hrs</td>
<td>Technical Session II</td>
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</tbody>
</table>
| 1000-1130hrs | Parallel Session II.1 (Mining and Environment) | Room No-511 | 1. Mining in Odisha: prospects and consequences  
2. Effects of coal mining operations on health, environment, and livelihood of local residents: An overview  
3. Construction of Physical and Monetary Asset Accounts of Mineral Resources in India using SEEA Framework  
4. Mining, Livelihood and Adivasis  
5. Cost of Human-Elephant Conflict and Perception about Compensation: Evidence from Odisha, India |
| 1000-1130hrs | Parallel Session II.2 (Agriculture and Water) | Room No.520 (Seminar Hall, Department of Automobile Engineering) | 1. Status of Organic Farming and its role in providing ecosystem services  
2. Adoption of Crop Insurance in India: A Behavioural Perspective.  
3. Sustainable Land and Water Management through Participatory Irrigation Management (PIM) A Case Study of Aunli Irrigation Project in Odisha, India  
4. An Assessment of Usable Water Availability in Cuttack City of Odisha  
5. A study on water scarcity and security in India |
| 1000-1130hrs | Parallel Session II.3 (Social Sector) | Room No.406 (Seminar Hall, Department of Electronics & Telecommunication Engineering) | 1. Employment and Income Growth Dynamics in Odisha, 2011-18  
2. Impact of Social Sector Spending on Poverty in Odisha  
3. A study of sustainable livelihood security in Odisha |

Talks:  
Bajjayanti Rout  
Gayatree Sahoo  
Dasarathi Padhan  
Pradeep Kumar Sahoo, Amarendra Das and Himanshu Sekhar Rout  
Biplab Kumar Guru and Amarendra Das  
Chinmayee Sahoo and Amarendra Das  
Dinamani Biswal  
Puskar Jena  
Shambhu Rout and Nirupama Tete  
Pradeep Kumar Panda  
Balakrushna Padhi and Sitakanta Panda  
Priyabrata Sahoo, Ranjan Kumar Nayak  
Braja Sundar Pani Diptimayee Mishra
4 Role of Urban Local Body in Social Sector Development: A Case Study of Baripada Municipality
   Anisha sahoo, Aditya Kumar Patra
5 Indebtedness And Distress Migration : Grassroots Level Evidence From Western Odisha
   Sunil Sarbhangia
6 Human Capital and Poverty in Informal Sector in Urban Odisha : Regional Perspective
   Sarmistha Singh
7 Preference Analysis for LIC Policy and Social Security: A Study in Keonjhar District of Odisha
   Puja Archana Mishra, Kabita Kumari
   Sahu

1000-1130hrs Parallal Session II.4 (Health)
Venue: Room No.417
(Seminar Hall, Department of Computer Science Engineering)
1 Consumer's Satisfaction in Health Care Service:A Comparative Study of Government Vis-A-Vis Private Health Care Providers in Nayagarh District Of Odisha
   Kartik Prasad Jena and Aruna Kumar Nishanka
2 Development of Health Infrastructure in the State of Odisha: A District Level Analysis
   Himani Majhi and Minati Mallick
3 Ayushman Bharat : Challenges and Way Forward
   Pradeep Kumar Panda
4 An Exploratory Analysis of Public Health Care Expenditure in Odisha
   Aditya Kumar Patra and Samikshya Priyadarsini Sahu
5 Health Care Vulnerability of Indian States : Issues and Challenges
   Namitarani Gochhayat and Manoj Kumar Das
6 Effectiveness of Public Health Expenditure on Health Indicators in India and Odisha
   Rajat Kumar Mallick, Manindra Hanhaga, Kiranbala Swain
7 Healthcare Seeking Behaviour and Self-Perceived Health Status in India : Evidence from 71st NSSO Health Round Padhi

1130-1145hrs Tea Break
Venue-Room No-513
1145-1315hrs Technical Session III
1145-1315hrs Parallel Session III.1 (Education)
Venue: Room No.406
(Seminar Hall, Department of Electronics & Telecommunication Engineering)
1 Trends, Growth and Changing Patterns of Higher Education in Odisha
   Subhalaxmi Barik and Sanjukta Das
2 An analysis of higher education status of SC & ST women in Odisha
   Sadhana Satapathy
3 A study on effect of education on Akankshya Patnaik
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>CSR in education: a cross sectional study in Odisha</td>
<td>Ananya Mitra and Shradhanjali Panda</td>
</tr>
<tr>
<td>5</td>
<td>What Drives Dropout Rate at Elementary Education? Results from a Panel Data Regression</td>
<td>Subhransu Sekhar Sahoo, Mitali Chinara</td>
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<td>Inequality in education and low literacy rate: A hindrance to development process</td>
<td>Ketki Kumari</td>
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<tr>
<td>7</td>
<td>Evaluating the Impact of Distribution of Free Bicycles to Secondary School Students in Odisha</td>
<td>Manas Ranjan Kar, Dasharathi Sahoo, Swati Raman</td>
</tr>
</tbody>
</table>

**1145-1315hrs Parallel Session III.2 (Education)**

**Venue:** Room No.417 (Seminar Hall, Department of Computer Science Engineering)

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Status of elementary education in Odisha: An empirical analysis</td>
<td>Prabina Kumar Padhi</td>
</tr>
<tr>
<td>2</td>
<td>Educational Programme for ST Children Under Sarva Siksha Abhiyan (SSA) In Koraput District of Southern Odisha</td>
<td>Sabitri Majhi</td>
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<td>3</td>
<td>Educational Infrastructure in Odisha: An Inter-District Analysis</td>
<td>Samaptika Patra, Sandhyarani Das</td>
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<tr>
<td>4</td>
<td>Literacy Inequalities among Districts and states in Odisha and India</td>
<td>Pragyan Parimita Nayak, Rashmita Khatei, Lipuna Khatei</td>
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<td>5</td>
<td>A Case Study on Implementation of KGBV Scheme in Odisha</td>
<td>Pradipta Kumar Sarangi, Sabitribala Dash</td>
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<td>6</td>
<td>Education for Sustainable Development of Tribal girls in Odisha</td>
<td>Kabita Kumari Sahu</td>
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</table>

**1315-1415 Professor Adwait Mohanty Memorial Lecture cum Valedictory Session**

**Venue:** Hall No-511

**1415 hrs Lunch and Closing of the conference onwards**

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
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<tr>
<td></td>
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<td>Shri Jugal Kishore Mohapatra, Former Chief Secretary, Govt. of Odisha</td>
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