



**Centurion**  
**UNIVERSITY**

**Centurion University of Technology and Management**

**BBSR**

FDP on:

**Mechanistic Organic Chemistry**

**Date: 17-01-2020 to 18.01.2020**

No. of Students and/or Faculty Participated: **32**

**Resource Person**



**Prof. (Dr.) Satyaban Jena**

Professor of Utkal University

PhD: Utkal University

Post doctorate: University of Leeds, UK, Maxwell's Institute, UK

### **About the resource person:**

Prof. (Dr.) Satyaban Jena was born on 19th August 1954. Prof. Jena has set highly outstanding & extraordinary brilliant academic record par excellence throughout his entire study period. He passed High School Certificate Examination from Board of Secondary Education, Odisha in First Class in the year 1971; Pre-University Examination in First Class from Utkal University in the year 1972; 1st Year Degree Science Examination from Utkal University in First Class First (University Topper) in the year 1973; B.Sc (Hons.) in Chemistry from Utkal University in First Class First (University Topper) in the year 1975 and M.Sc (Chemistry) from Utkal University in First Class First (University Topper & Gold Medalist) in the year 1977. He obtained his Ph.D. Degree in Chemistry from Utkal University in the year 1984. He was a Post Doctoral Fellow in the year 1989 at University of Leeds, U.K. and Maxwell's Institute, U.K. Prof. Jena has specialized in Organic Chemistry as major subject and Physical Organic Chemistry (Kinetics, Oxidation, Polymerization, etc.), Synthetic Organic Chemistry (Heterocyclic, Organometallic, OMCOS, etc), Computer-Aided Organic Synthesis (CADOS), Theoretical Organic Chemistry (Semi-empirical Study, Structure-Activity Relationship, Design of Synthesis etc.) as micro subjects. Prof. Jena was a Lecturer in Chemistry (OES), G.M. College, Sambalpur (10.9.1979-19.8.1981); Lecturer in Chemistry(OES), Ravenshaw College, Cuttack (20.8.1981-2.4.1985); Lecturer in Chemistry , Utkal University (3.4.1985-31.12.1985); Senior Lecturer in Chemistry, Utkal University (1.1.1986-22.9.1991); Reader in Chemistry, Utkal University (23.9.1991- 30.12.1999) and Professor of Chemistry, Utkal University (31.12.1999- 31.8.2014). Prof. Jena was Head of the Department of Chemistry, Utkal University for two terms (1.6.2002 -31.5.2004 & 3.11.2009 -31.5.2011). Prof. Jena was also Professor-in-Charge of Research & Development, Utkal University from 5.1.2009-30.4.2014 for two terms. Prof. Jena has undertaken 5 Nos. of Research Projects from UGC; DST, Govt. of India, and Royal Society of Chemistry, London. Thirty students got their M.Phil Degrees, and 11 students got their Ph.D. Degrees working under his supervision. Prof. Jena has organized several National and International Conferences, Seminars, Symposiums, Workshops, Refresher Courses, etc. during his long & eventful academic career.

**Objectives:** The mechanism of an organic reaction is the sequence of steps in the reaction, including details of what bonds are formed and/or broken in each step.

### Outcomes:

Mechanistic studies are of great importance for the understanding, optimization, and design of chemical reactions, especially catalysis. In recent years, the combination of mass spectrometry and computational chemistry has been proven to be powerful and effective for the exploration of reaction mechanisms.



**Figure:** Interactive session of Mechanistic Organic Chemistry



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**WORKSHOP ON**  
on  
**Mechanistic Organic Chemistry**


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Professor of Utkal University

**Organised by:**  
Centurion University of Technology and  
Management

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*Shaping Lives... Empowering Communities...*

## Participant Lists:


**Centurion University of Technology and Management**  
 Faculty Development Programme on  
**"Mechanistic Organic Chemistry"**  
 Presented by 'Prof. Satyaban Jena'


**Centurion University of Technology and Management**  
 FDP on  
**"Mechanistic Organic Chemistry"**  
 Presented by 'Prof. Satyaban Jena'  
 Bhubaneswar Campus  
Attendance Sheet

Date: 17/01/2020

| Sl No | Name                        | School / Department                  | Signature     |
|-------|-----------------------------|--------------------------------------|---------------|
| 1     | Jyotsnarani Sahoo           | Msc Chemistry (2 <sup>nd</sup> Sem)  | J. Sahoo      |
| 2     | Sonali Priyadarshini Parida | Msc Chemistry (2 <sup>nd</sup> Sem)  | Sonali Parida |
| 3     | Amultra Bheuyan             | M-sc chemistry (2 <sup>nd</sup> Sem) | A. Bheuyan    |
| 4     | Sarika Patel.               | Msc Chemistry (2 <sup>nd</sup> Sem)  | S. Patel      |
| 5     | Dattatril Mohanta           | Msc. Chemistry (2 <sup>nd</sup> Sem) | D. Mohanta    |
| 6     | Bishwadeb Shasara           | MSc. Chemistry (2 <sup>nd</sup> Sem) | B. Shasara    |
| 7     | Biswajit Mahapatra          | Msc Chemistry (2 <sup>nd</sup> Sem)  | B. Mahapatra  |
| 8     | Pragyan Parimita Dash       | Msc (Chem) (2 <sup>nd</sup> Sem)     | P. Dash       |
| 9     | Pragnya Padtnaik            | MSc. (Chem) (2 <sup>nd</sup> Sem)    | P. Padtnaik   |
| 10    | Harekrishna Mahapatra       | Msc (Chem) (2 <sup>nd</sup> Sem)     | H. Mahapatra  |
| 11    | Sargamitra Mahapatra        | Msc (Chem) (2 <sup>nd</sup> Sem)     | S. Mahapatra  |
| 12    | Pratima Parimita Samal      | Msc (Chem) (2 <sup>nd</sup> Sem)     | P. Samal      |
| 13    | Suman Patra                 | Msc (Chem) (2 <sup>nd</sup> Sem)     | S. Patra      |
| 14    | Khageswar Behera            | Msc (Chem) (2 <sup>nd</sup> Sem)     | K. Behera     |
| 15    | Satyajit Prust              | Msc (Chem) (2 <sup>nd</sup> Sem)     | S. Prust      |
| 16    | Prasanta Kumar Sahoo        | Msc (Chem) (2 <sup>nd</sup> Sem)     | P. Sahoo      |
| 17    | Satyajit Pradhan            | Msc (Chem) (2 <sup>nd</sup> Sem)     | S. Pradhan    |
| 18    | Milamodhab Dash             | Msc (Chem) (2 <sup>nd</sup> Sem)     | M. Dash       |
| 19    | Sourabha Ranjan Nayak       | Msc (Chem) (2 <sup>nd</sup> Sem)     | S. Nayak      |
| 20    | Amrutesh Pati               | Msc (Chem) (2 <sup>nd</sup> Sem)     | A. Pati       |



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FDP on  
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Attendance Sheet-2<sup>nd</sup> Sitting

| Sl. No. | Name                 | School / Department              | Signature          |
|---------|----------------------|----------------------------------|--------------------|
| 21      | Sushilamoni Das      | M.Sc. Chem (2 <sup>nd</sup> sem) | S.Das              |
| 22      | Pragnya Pattanak     | M.Sc. Chem (2 <sup>nd</sup> sem) | Pragnya            |
| 23      | Laxmi Pragna Lenka   | M.Sc. Chem (2 <sup>nd</sup> sem) | Laxmi Pragna       |
| 24      | Suman Patra          | M.Sc. Chem (2 <sup>nd</sup> sem) | Suman Patra        |
| 25      | Prasanta Das         | M.Sc. Chem (2 <sup>nd</sup> sem) | Prasanta           |
| 26      | Satish Kumar Das     | M.Sc. Chem (2 <sup>nd</sup> sem) | Satish Kumar Das   |
| 27      | Pratikanta Mohanty   | M.Sc. Chem (2 <sup>nd</sup> sem) | Pratikanta Mohanty |
| 28      | Sonali P. Parida     | M.Sc. Chem (2 <sup>nd</sup> sem) | Sonali Parida      |
| 29      | Anuragendu Kati      | M.Sc. Chem (2 <sup>nd</sup> sem) | A. Kati            |
| 30      | Dattadil Mohanta     | M.Sc. Chem (2 <sup>nd</sup> sem) | Dattadil Mohanta   |
| 31      | Saranya Ranjan Nayak | M.Sc. Chem (2 <sup>nd</sup> sem) | S.R. Nayak         |
| 32      | Nitumochab Bishu     | M.Sc. Chem (2 <sup>nd</sup> sem) | N.M. Bishu         |

Dr. Prasanta Ku. Mohanty  
Dean Academic

Prof. KVD Prakash  
Dean - IIE & HRD