

## AKHILESH PIPALESHWAR

### SKILLS

JavaScript, NodeJs, MongoDB, Postgres, Express, EJS, AVA, Supertests, Kubernetes, Docker, React 16

### WORK EXPERIENCE

#### CODALYZE TECHNOLOGIES

March '17 - Current

Software developer, Stack : MongoDB, Postgres, Express, Node, React 16

#### IMS LEARNING RESOURCES

January '16 – January '17

Faculty for physics & chemistry for 'A' & 'HL' level students of IB board

#### AVANTI LEARNING CENTERS PVT LTD.

September '14 – December '15

Faculty for chemistry for XI & XII students aspiring for JEE.

### PAPERS PRESENTED

#### ANITRACISM FILM

NIT DURGAPUR, 2013

Presented at International Conference on Literature to Cinema: Appropriation, Adaption- Adulteration.

#### DESIGN & DEVELOPMENT OF TEA PLUCKING MACHINE

NIT NAGPUR, 2012

A tea plucking machine was designed to minimize the agony of women who work long hours in tea plantations carrying heavy baskets.

#### PRODUCTION OF ELECTRICITY FROM ALGAE

ISTE: DURGAPUR CHAPTER, 2011

Electricity was produced using digested Algal fluid in Microbial Fuel cell.

### PROJECT

#### PRODUCTION OF ETHANOL FROM MAHUA SEEDS

2014

Ethanol was produced from Mahua seeds (*Madhuca latifolia* L.) using *saccharomyces cerevisiae* and parameters while fermentation were studied.

*Under supervision of Dr. K. Aikat, Department of Biotechnology, Nit Durgapur*

### INTERNSHIP

#### EAST INDIA PHARMACEUTICALS

May - June '13

Quiniodochlor was produced through Skraup's Synthesis. The plant at Durgapur was intensively studied and microbiology techniques were learnt in depth.

## EDUCATION

**NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR, 2010 - 2014**

(GRADUATE SCHOOL)

Department of Biotechnology , CGPA – 8.37

**ATOMIC ENERGY JUNIOR COLLEGE, 2010**

(JUNIOR COLLEGE)

Percentage - 64

**ATOMIC ENERGY CENTRAL SCHOOL, 2008**

(HIGH SCHOOL)

Percentage – 78.5

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## EXTRA CURRICULAR

**Distinction** in the *University of Maryland, College Park's* online offering of the course *Genes and the Human Condition*, 2014

**Convener**, Centre for Cognitive Activities, *NIT DURGAPUR 2014*

**Graphic Designer** for various college events & conferences 2010 - 2014

**National Service Scheme Volunteer**, *AEJC 2008 - 2010*

*Under the National Service Scheme, Government of India*

**Exhibit titled Third Generation Car**, displayed in All India Inter Atomic Energy Junior College *Science* Exhibition. Acknowledged by President of India, *APJ ABDUL KALAM*

**1<sup>st</sup> runner up** in Under-14 Basketball Mumbai District Championship, 2005

Won numerous elocution, extempore, personality contests and held important positions at school and college.