

Plot No. 1, Khurda Industrial Estate, Dist: Khurda, Under B.D.A., Bhuaneswar, Bhubaneswar, Khordha, Odisha 752057 (Approved by AICTE, New Delhi, and Affiliated to BPUT, Rourkela, Odisha) www.riteindia.edu.in

Criteria	5 – Student Support and Progression	
Key Indicator	5.1- Student Support	
Metric	5.1.3- Percentage of students benefitted by guidance for competitive examinations and career counselling offered by the institution during the last five years	

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Details of career counseling and Aptitude Test

2019-2020



Ref. No.: RITE/ADMN/2019-20/243A

Date: 4.09.2019

NOTICE

Guest Lecture on "Understanding in Cyber Security Perspective using Machine Learning Tools"

This is to inform all staffs and students that, **Prof. (Dr.) Jui Pattnayak, Associate Professor, Aryan Institute of Engineering and Technology**, will deliver a Guest Lecture on "**Understanding in Cyber Security Perspective using Machine Learning Tools**" as per the following details. The Students of 1st, 2nd, 3rd and 4th Year B.Tech are required to attend the talk without fail.

Resource Person: Prof. (Dr.) Jui Pattnayak, Associate Professor, Aryan Institute of

Engineering and Technology, BBSR

Date : 06.09.2019

Timing : 1:00 PM onwards

Venue : Seminar Hall

Principal

Copy to : HODs, CAOs, SWO and All notice boards and Staffs via whats app.

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Principal Radhatrishna Institute of Technology and Engineering, Bhubaneswar



Report on Invited Talk/Career counseling talk on Understanding Cyber-Security perspective using machine learning tools" by Prof. Jui Pattnayak

Topic name	Organised by	Date and Time
Understanding in Cyber-Security Perspective using Machine Learning Tools	Department of Comp. Sci. Engineering.	September 06, 2019,12.30 PM

Faculty Coordinator

SN	Name	Designation
1	Prof. Sanjay Giri	Asst.Prof.

Description:

On 6th September,2019, Prof. Jui Pattnayak, Associate Professor, delivered a guest lecture on "understanding in Cyber-Security Perspective using Machine Learning Tools.

Cyber security is the practice of defending computers, servers, mobile devices, electronic systems, networks, and data from malicious attacks. The uptick in cyber attacks has made machine learning in cybersecurity a must-have for many companies. Although cyber attacks continue to grow in number and complexity, machine learning is evolving to address new threats. Machine learning's ability to analyze large amounts of data and spot patterns makes it ideal for detecting attacks in their earliest stages, exposing network vulnerabilities and anticipating when and how future cyber attacks will occur. A subset of artificial intelligence, machine learning uses algorithms born of previous datasets and statistical analysis to make assumptions about a computer's behavior. The computer can then adjust its actions, even performing functions it wasn't programmed to do. These abilities have made machine learning a

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crucial cybersecurity asset. The entire session was an interactive session. Students were asking questions which were answered by the Professor. Students were educated in the career prospect of the topic "Understanding in Cyber-Security Perspective using Machine Learning Tools"

Participants List

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SL NO.	REGD. NO.	NAME		Veen
SE NO.	REGD. NU.	NAME	BRANCH	Year
1	1601367001	AKSHAYA AMARSETH	CE	4th
2	1601367002	AMIT KUMAR AMAN	CE	4th
3	1601367008	MALAYA RANJAN JENA	CE	4th
4	1601367010	SATYAJIT BEHERA	CE	4th
5	1601367011	SUDEEPTA SETHI	CE	4th
6	1601367013	ANSHUMAN DAS	CSE	4th
7	1601367015	BISWAJIT DEHURY	CSE	4th
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8	1601367016	DEEPAK PANDEY	CSE	4th
			CSE	4th
9	1601367018	KRUSHNA PRASAD DAS	LJE	
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12	1601367023	SANGRAM KUMAR PATTANAIK	CSE	4th
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14	1601367026	SHUSHREE SARITA PAIKARAY	CSE	4th
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17	1601367030	TANMAYA PRIYADARSHINI	CSE	4th
18	1601367031	TARANI RANJAN SAHOO	CSE	4th
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20	1601367033	RAJAT MOHANTY	CSE	4th
21	1601367034	SMRUTIRANJAN BEURIA	CSE	4th
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27	1601367070	SUBHASIS SAHOO	CSE	4th
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38	1721367007	SUMANTA KUMAR PRADHAN	МЕ	4th
39	1721367019	BANAMALI BEHERA	МЕ	4th
40	1721367020	BISWAJIT CHAND	ME	4th
41	1731367002	CHANDAN SAHU	ME	4th
42	1801367056	NITESH KUMAR TUDU	CSE	2nd
	1801367060	PRADYUMNA KUMAR MALLICK	CSE	2nd

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51	1801367073	RAHUL SARKAR	CSE	2nd
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59	1701367017	SMRUTI SWARUP PADHI	CSE	3rd

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6	1601367013	Anshuman Das	CSE	4th	Anshuman Das
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11	1601367022	Sagarika Mishna	CSE	424	Saganika Mishna
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49	1801367068	Priyanka Khosla	CSE	2 nd	Priyan ka khosla
	1801367072	Rahul Rout	CSE	and	Rahul Rout
	1801367073	Rahul sankan	CSE CSE	2nd 2nd	Rahul Sankan Rajashnee Behera
	1801367074 170136703	Rasashnee Behera Sanosini Singh	CSE	3 nd	Sanesini Singh
	1701367007		CSE	3nd	zabrul khan
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Photographs

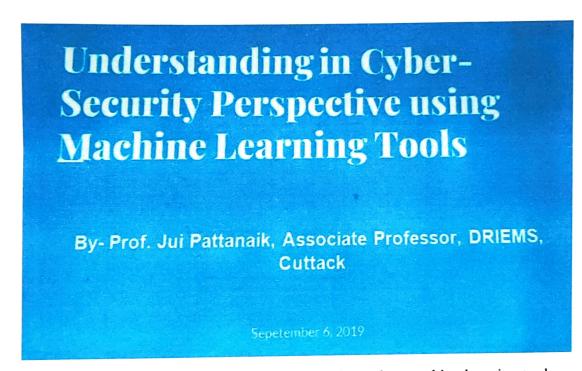


Figure-1, Understanding cyber security perspective using machine learning tools

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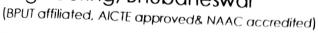




Figure-2, Understanding cyber security perspective using machine learning tools

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Ref. No.: RITE/ADMN/2019-20/104A

Date: 24.09.2019

NOTICE

Guest Lecture on "Cyber Security and its live applications"

This is to inform all staffs and students that, **Prof. (Dr.) Jui Pattnayak, Associate Professor, Aryan Institute of Engineering and Technology, Bhubaneswar** will deliver a Guest Lecture on "**Cyber Security and its live applications**" as per the following details. The Students of 1st, 2nd, 3rd and 4th Year B.Tech are required to attend the talk without fail.

Resource Person: Prof. (Dr.) Jui Pattnayak, Associate Professor, Aryan Institute of

Engineering and Technology, BBSR

Date : 25.09.2019 Timing : 1:00 PM onwards Venue : Seminar Hall

Principal

Copy to : HODs, CAOs, SWO and All notice boards and Staffs via whats app.

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Report on Career counseling talk on Cyber-Security & its live application " by Prof. Jui Pattnayak

Topic name	Organised by	Date and Time
Cyber-Security & its live application	= sparanent of Comp.	September 25, 2019
rive application	Science Engineering.	

Faculty Coordinator

SN	Name	Designation
1	Prof. Sanjay Giri	Asst.Prof.

Description:

On 25th September,2019, Prof. Jui Pattnayak, Associate Professor, delivered a guest lecture on "Cyber-Security & its live application".

Cyber security is the practice of defending computers, servers, mobile devices, electronic systems, networks, and data from malicious attacks. It's also known as information technology security or electronic information security. The main purpose of Cybersecurity is to protect all the users on the Internet from infected files, malware, and digital attacks which lead the users to access private sensitive information of users, extort ransom from users by using their private data or even disrupting important critical infrastructure like shutting down power supplies and military infrastructure. Cybersecurity helps to solve pre-built vulnerabilities in applications and helps them to remain stable throughout. More and more devices are getting connected to the Internet, hence it is more and more important to secure all the devices over the Internet to protect them all against unauthorized access. The entire session was an interactive session. Students were asking questions which were answered by the Professor. Students were educated in the career prospect of the topic "Cyber-Security & its live application"

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Participants List

SL NO.	REGD. NO.	NAME	BRANCH	Year
1	1601367020	PREETY KUMARI	CSE	4th
2	1601367022	SAGARIKA MISHRA	CSE	4th
3	1601367023	SANGRAM KUMAR PATTANAIK	CSE	4th
4	1601367025	SATYANARAYAN SAHOO	CSE	4th
5	1601367026	SHUSHREE SARITA PAIKARAY	CSE	4th
6	1601367028	SNEHASIS BISWAL	CSE	4th
7	1601367001	AKSHAYA AMARSETH	CE	4th
8	1601367002	AMIT KUMAR AMAN	CE	4th
9	1601367008	MALAYA RANJAN JENA	CE	4th
10	1601367010	SATYAJIT BEHERA	CE	4th
11	1601367011	SUDEEPTA SETHI	CE	4th
12	1601367013	ANSHUMAN DAS	CSE	4th
13	1601367015	BISWAJIT DEHURY	CSE	4th
14	1601367016	DEEPAK PANDEY	CSE	4th
15	1601367018	KRUSHNA PRASAD DAS	CSE	4th
16	1601367029	SOVIT NAIK	CSE	4th
17	1601367030	TANMAYA PRIYADARSHINI	CSE	4th

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18	1601267024	TARANI RANJAN		
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31	1721367003	HAREKRUSHNA PADHI	EE	4th
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39	1721367019	BANAMALI BEHERA	ME	4th
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52	1801367074	RAJASHREE BEHERA	CSE	2nd	
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55	1701367008	SONALI OJHA	CSE	3rd	
56	1701367012	M ALEKYA RANI	CSE	3rd	
57	1701367013	BIPUL SARDAR	CSE	3rd	

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SN	REGDNO	NAME	BRANCH	YFAR	SIGNATURE
1	1601367020	PREETY KUMARI	CSE.	yth	PREETY KUMARI
રે	1601367022	Sagarika Nuishoa	CSF	4-15	Sogarika Mishra
З	1601367025	Sa-yanamayan	CST	4-th	Satyanarayan sahore
Ч	1601367023	Sahor Sangram Kumar Pattanaik	CSE	4-th	Sangream kumare Pattabaik
S	1601367026	Slocistree sarsita paikaray	CSE	yeth	shughree santa paikaray
<i>@</i> (,	1601367028	Snehasis Biswal	CE	Uth	Snehasis biswal
٦	1601367002	Amil kiemar Aman	CE	4th	Anuil Kumar Aman.
8	1601367001	ATK Shaya AMARSET FI	CE	yth	AKShaya AMARSETA
9	1601367008	Maraya Ranjan Jena	CE	444	Malaya Ranjan Jena
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50	1801367073	Rahul Sarkar	CSE	300	Ranul Sarkar
51		Rajashree Behera	CSE	3rd	Rejashree Behord
52	1701367083		CE	300	Savoyini singh
53	1701367007	ZAFFUL KHAN	CSE	Ird	ZAFUL RHAN
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Photographs



Figure-1, Career counseling on Cyber security and its Live application

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Guest Lecture Report On

"Design, Analysis and Application of Algorithms"

Held on: 18th Dec 2019

Organized by: RITE Wizard and Department of Computer Science and Engineering, RITE, BHUBANESWAR.

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Index:

- Background
- Notice
- Brochure of the Event
- Schedule of the Event
- Brief Profile of the Speaker
- List of Participation
- Pictures of the Event

5 and

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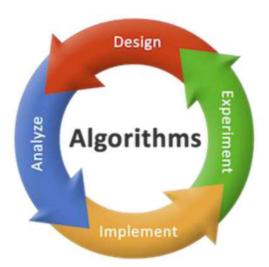


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Background:

A finite set of instruction that specifies a sequence of operation is to be carried out in order to solve a specific problem or class of problems is called an Algorithm.

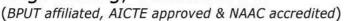
As the speed of processor increases, performance is frequently said to be less central than other software quality characteristics (e.g. security, extensibility, reusability etc.). However, large problem sizes are commonplace in the area of computational science, which makes performance a very important factor. This is because longer computation time, to name a few mean slower results, less through research and higher cost of computation (if buying CPU Hours from an external party). The study of Algorithm, therefore, gives us a language to express performance as a function of problem size.



Characteristics:

- Input: It should externally supply zero or more quantities.
- **Output:** It results in at least one quantity.
- Definiteness: Each instruction should be clear and ambiguous.
- Finiteness: An algorithm should terminate after executing a finite number of steps.
- **Effectiveness:** Every instruction should be fundamental to be carried out, in principle, by a person using only pen and paper.
- Feasible: It must be feasible enough to produce each instruction.
- Flexibility: It must be flexible enough to carry out desired changes with no efforts.

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- **Efficient:** The term efficiency is measured in terms of time and space required by an algorithm to implement. Thus, an algorithm must ensure that it takes little time and less memory space meeting the acceptable limit of development time.
- **Independent:** An algorithm must be language independent, which means that it should mainly focus on the input and the procedure required to derive the output instead of depending upon the language.

Advantages:

- **Effective Communication:** Since it is written in a natural language like English, it becomes easy to understand the step-by-step delineation of a solution to any particular problem.
- **Easy Debugging:** A well-designed algorithm facilitates easy debugging to detect the logical errors that occurred inside the program.
- **Easy and Efficient Coding:** An algorithm is nothing but a blueprint of a program that helps develop a program.
- **Independent of Programming Language:** Since it is a language-independent, it can be easily coded by incorporating any high-level language.

Disadvantages:

- Developing algorithms for complex problems would be time-consuming and difficult to understand.
- It is a challenging task to understand complex logic through algorithms.

Venue: Seminar Hall

Faculty Coordinator:

Prof. Jyoti Ranjan Sahoo, HOD, CSE

Prof. Jyotsna Rani Jena, Asst. Professor, CSE

Target audience: B. Tech Students, All Faculty Members

Kart

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Brochure of the Event:

RADHAKRISHNA INSTITUTE OF TECHNOLOGY AND ENGINEERING



Guest Lecture on

DESIGN ANALYSIS AND APPLICATION OF ALGORITHMS

Resourse Person Dr. Jui Pattnayak

Associate Professor,

Aryan Institute of Engineering & Technology, Bhubaneswar

Date : 18/12/2019

Time : 01:00 pm onward Venue : Seminar Hall

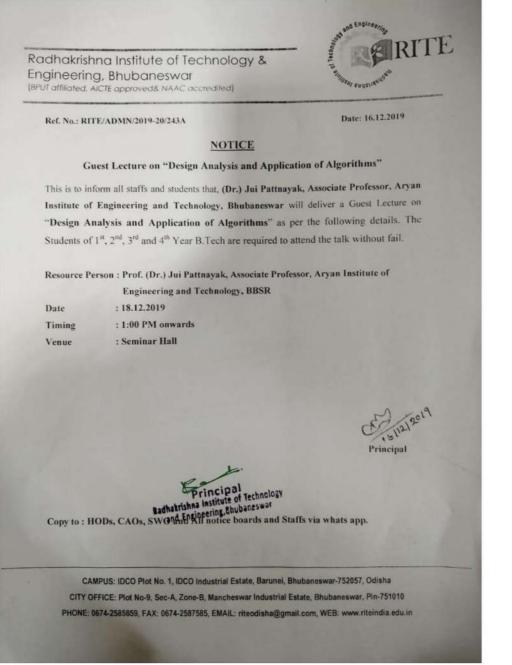
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Notice:



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Schedule of the Event:

Time	Event
1.30 PM	Inauguration
1:45 PM	Welcoming the guest to the dais
2:00 PM	Session by Guest Speaker
3:30 PM	Vote of Thanks by Jyotsna Rani Jena

Resource Person

Prof. Dr. Jui Pattnayak, Associate Professor, Department of Computer Science and Engineering in Aryan Institute of Engineering and Technology, Bhubaneswar, Odish

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List of Participation

no	Name of the Student	Desistantian No.	Branch	Reporting	Signature
1		Registration No.	branch	Time	
2.	John mayee Beherra	1901367052	CSG	1:20pm	J.D
3.	LAXMIPRIYA BEHERA	1901367055	CSE	1.20 pm	Lasunupniya Behera
	ANITA DAS	1901367033	CIE	1-20 PM	Anita Das
4.	SUNITA SHREEDASTABSETHY	1901367087	CSE	1.20pm	Sunita shreebartab
5.	DEEPTI BAIN	1901367046	CSE	1-20PM	Deepti Baind
6.	ANKITAPRIYADAR	1901367034	CSE	1.20 pm	1
7.	NETYARANTANE KARASE	1901367061	CSE	1-20 PM	Nift an an De Kaebash
8.	LALI NAIK	1901367054	CSE	1.20pm	Lati Maik
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10.		1901361089	CSE	1.20pm	Priyodanshini
11.	NIHARIKA DAI	1901364090	CSE	1.20PM	Niharcikaas
12.	SATIARATIJAN PARTHA SVARATHI NUDUS	190136-7077	SE	1.20pm	Provenie
13.	BARIHARANI SAHOU	1901367039	C SE	1.20 pm	Burishartoni
14.	JNANA RANJAN SAHOO	1901367049	CSE	1.20 pm	Jnone Ranjon Saha
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17.	BISWAJIT SAHOO	1901367043	LSE	1.20 pm	and the second se
18.	MALAY RANJAN NAIL	1901367057	CRE	1.2041	nplalnytonjards
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	SOUMPERSIE	1901367032	CSE	1.20 PM	Aniket Kuauno
21	ANTREF BERL	1901367084	CSE	1:20 PM	1100
22		1901367072	CSE	1:2000	
23	ROCKY KHAMARI AISURYA MOHAPATRA	1901367031	CSE	1:20 1	1.0

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25 MADHUSMITA BEHERA	1901367056	CSE	1:20PM	Madhusmitaschera
26. RANJITA RANA	1901367071	CSE	1:20 PH	Ranjita Rana
27 PRATYAYADEEPA GIR	8 30 5 3 5 10 0 1	CSE	1: 20pm	17 why aged eager
28. PITAMBARA MATH				potantilight
29. JYOTI PRAKASH MOHANTA	1901367051	CSE C.S.E	1.20 pm	Continued timesta
30. BISHAL RAKHIT	1901367041	CSE	1.20 pm	Constant in the second s
31. ANKET KUMAR GUPTA	1901367095	FF	1.20P4	ANKI-Kulanda
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35. ARINARH HANAH	1901367030	CSE	1-20PM	Abinash Noyae
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41 MUKESH KU NAYAK	1901367106	EE	1. 20 pm	Mullegh Ku Naya
42 MANAMOHAN MAHANTA	1901 3670 58	€SE.	1.20pm	Mananuhanta
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44. SUDHANSUPAIKARAY	1801367098	CSE	1.20 pm	MISSING
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Pictures of the Event



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Ref.No/RITE/CE/2019-20/02

Notice

This is hereby informed to all the 4th year Civil Engineering students that a career counseling talk on " Remote Sensing" will be delivered by **Prof. Samyukta Choudhury** on **8.01.2020**. Therefore all students are required to remain present in the class.

Nehurijo

Civil Engineering

Copy to: Director, Principal, All HODS, CAOS, SWO and all notice boards

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Date:03/01/2020



Report on Career counseling talk on Remote Sensing" by Prof. Samyukta Chaudhury

Topic name	Organised by	Date and Time
Remote Sensing	Department of Civil Engineering.	January 8, 2019

Faculty Coordinator

SN	Name	Designation
1	Prof.Sushree Manisha Panda	Asst.Prof.

Description:

A career counseling talk was delivered by Professor Samyukta Chaudhury for 4th year Civil engineering students. In the development of civil engineering projects and the research that goes into it, remote sensing imaging plays a vital role as the basic data. As a result, the technology of remote sensing has shown to be of significant assistance in the areas of land utilisation, land construction planning, and coverage monitoring. There are two distinct categories of techniques that fall under the umbrella of remote sensing: passive remote sensing and active remote sensing. Rather than emitting their own radiation, passive sensors collect radiation that is released or reflected by the object or the spaces around it. The majority of the radiation that is recorded by passive sensors originates from sunlight that has been reflected. Acquiring information about the surface of the Earth without actually making touch with it is the goal of this scientific discipline, as well as an art form to some extent. This is accomplished by sensing and recording any energy that is reflected or emitted, followed by processing, evaluating, and applying the information gathered from those processes.

The entire session was an interactive session. Students were asking questions which were answered by Prof. Samyukta Chaudhury

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Students were educated in the career prospect of the topic "Remote sensing"

Participants List

SL NO.	REGD. NO.	NAME	BRANCH	YEAR
1	1401367001	ABINASH PAIKARAY	CE	4th
		AKSHAYA AMARSETH	CE	4th
2	1601367001	AKSHATA AMAKSETT		
3	1601367002	AMIT KUMAR AMAN	CE	4th
4	1601367004	BIBHA MANDAL	CE	4th
5	1601367005	BICHITRA BHOI	CE	4th
7	1601367008	MALAYA RANJAN JENA	CE	4th
8	1601367010	SATYAJIT BEHERA	CE	4th
9	1601367011	SUDEEPTA SETHI	CE	4th
10	1601367059	ASHES SOVAN DAS	CE	4th
10	1001307037			441-
12	1721367027	BIKI MAHANANDA	CE	4th

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J	1601367001	Akshaya Amariseth	CE	yth	Akshaya Amanseth	
3	1601367002	Amit Ku: Aman	CE	4#	Amit Ku. Aman	
4	1601367004	Bibha Mondal	CE	476	Bibha Mandal	
5	1601367005	Bichitra Bhol	CE	4+4	Bichitrea Bhol	
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€. €7.	1601367010	Satyazit Behera	CE	4+4	Satyazit Behera	
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Photograph



and the Principal

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Ref. No: RITE/ME/2019-2010/07

Date:03.01.2020

Notice

It is hereby informed to all the 4th year Mechanical Engineering students that a career counseling talk on "Robotics" will be delivered by **Prof. Sushanta Kumar Pradhan on 08.01.2020.** Therefore, all students are required to remain present in the class.

Department Mechanical Engineering

Copy to: Principal, CAOs, HODs, SWO and all Notice boards

For

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Report on Career	counseling talk on Robotics	s" by Prof. Sushanta Kumar Pradhan
Topic name	Organised by	Date and Time
Robotics	Department of	January 8, 2019, 12.30 PM
	Mechanical	
	Engineering	

Faculty Coordinator

SN	Name	Designation	
1	Prof.Bimal Ranjan	Asst.Prof.	
	Pattanaik		

Description:

A career counseling talk on "Robotics" was delivered by Prof. Sushanta Kumar Pradhan to 4th year students of Mechanical engineering department on 8th Jan 2029.

The foundation of robotic engineering is a degree in mechanical engineering. Robotics is the study of how you design, operate and build robots to help and assist humans. Robotics creates human-like substitutes that mimic human behaviour, which you can use for doing repetitive mechanical work, which otherwise humans would do. Various short term certificate courses are available which the student can do before appearing the interview.

A student who will opt for this career will sure enjoy his job and will get high package with experience. The entire session was an interactive session. Students were asking questions which were answered by the Professor. Students were well educated in the career prospect of the topic "

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1	1601367040	BIBEKANANDA SAHU	ME	4th
2	1601367043	DIBYALOCHAN SAHOO	ME	4th
3	1601367044	KANHU CHARAN PRADHANI	ME	4th
4	1601367046	RAJESH KUMAR JENA	ME	4th
5	1601367047	RAKESH PATTNAIK	ME	4th
6	1601367048	SAGAR KABI	ME	4th
7	1601367049	SANJAY KUMAR MARNDI	ME	4th
8	1601367050	SMRUTI RANJAN DALAI	ME	4th
9	1601367051	TANMAY KUMAR NAIK	ME	4th
10	1601367055	KALICHARAN MURMU	ME	4th
11	1601367056	RITESH KUMAR NAYAK	ME	4th
12	1601367058	SUSHANTA KUMAR MAHANTA	ME	4th
13	1601367077	DEBENDRA SOREN	ME	4th
14	1601367078	RUPKUMAR SUNANI	ME	4th
15	1601367079	SAROJ KUMAR SETHY	ME	4th
16	1601367080	TRUSAR BEHERA	ME	4th
17	1721367007	SUMANTA KUMAR PRADHAN	ME	4th
18	1721367019	BANAMALI BEHERA	ME	4th
19	1721367020	BISWAJIT CHAND	ME	4th
20	1731367002	CHANDAN SAHU	ME	4th

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Signature Rega. No Branch year NAME NO. Bibekananda Sahu 414 ME BIBEKANANDA SAHU 1601367040 Dibyalochan sahoo Yth Dibyalachan Sahoo ME 1601367043 2 Kanhuch Preachuri Yth Kanhu Charcan Pradhani ME 1601367044 3 Rejesh no. Jena yth RAJESH KU. JENA ME 1601367046 4 Rakesh portnain 4th RAKESH PATTNAIK ME 16013670 47 5 Sagen Karbi 4th Sagan Kabi ME 1601367048 Sanjary Web, marandi 6. 4th Sonjay Kr. marandi ME 1601367049 Smruti Kangan (Kalai 4th Smrufi Kanzay Dalai MG 16013670 50 8. Tanmay Ku. Naik 4th Tanmay Ku. Naik ME /60/36705/ 9. ME Kalicharon Murmu Kalicharon Murmy 4th 1601367055 10 Ritesh Ku. Naik 411 Ritesh Ku, Naik ME 1601367056 11 Sushanta Ku. Mahanta 4th Sushanta Ku. Mahanta ME 1601367058 12 Robendira Sorren Yth Pebendra Sorren ME 1601367077 13. Rephumar Suman 4th Repkumar Sunani 1601367078 ME **Q**. Garoj ku Sethy 4th Saroj Ku. Sethy ME 1601367079 15. Tausaa Behera Torusao Behera ME 4th 1601367080 (6. Sumanta Ku. Bradhan 1721367007 4th Sumanta Ku. Bodhan ME Í1. Banamali Behera Banamali Behera 4th 1721367019 ME 18. Bigwajit Chand Regaragit chand 4th ME 1721367020 19. Chandan Sahu 4th ME Chandan Sahu 1721367002 20.

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Photographs

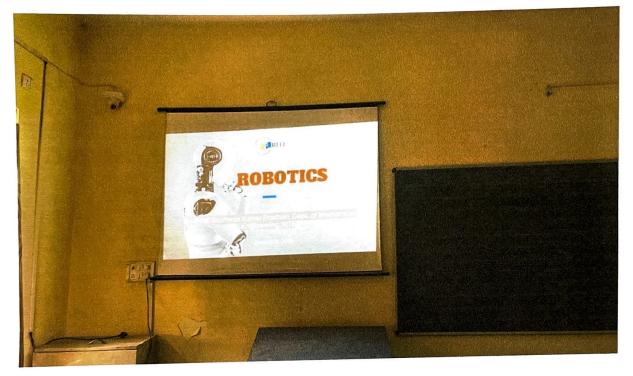


Figure-1, Career counseling talk on Robotics

-9-1-

CAMPUS: IDCO Plot No. 1, IDCO Industrial Estate, Barunei, Bhubaneswar, 7566571nStitute of Technology CITY OFFICE: Plot No-9, Sec-A, Zone-B, Mancheswar Industrial Estate, Bhubaneswar PHONE: 0674-2585859, FAX: 0674-2587585, EMAIL: riteodisha@gmail.com, WEB: www.riteindia.edu.in Radhakrishna Institute of Technology & Engineering, Bhubaneswar (BPUT affiliated, AICTE approved & NAAC accredited)



One-day Seminar Report On

"An Introduction to Machine Learning and Data Science"

Held on: 27th May 2020

Organized by: RITE Wizard and Department of Computer Science and Engineering, RITE, BHUBANESWAR.

> Principal Radhakrishna Institute of Technology and Engineering, Bhubaneswar



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- Key Takeaways
- Organization Committee
- Brochure of the Event
- Schedule of the Event
- Brief Profile of the Speaker
- List of Participation
- Pictures of the Event

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Key Takeaways:

- ♦ What is AI and ML?
- * Hands-on in Pandas, Numpy, Matplotlib, Seaborn
- Supervised Machine Learning in detail
- Regression and Classification
- * Linear Regression and Capstone Project
- ✤ What is Data Science?
- ✤ Data Science Life Cycle
- Emerging Technology

Venue: Seminar Hall

Target audience: B. Tech Students, All Faculty Members

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Organising Committee:

CHIEF PATRONS Mr. Vineet Mohan Gupta, Chairman, JRG Group of Institutions Gp Capt K.N. Venkatesh, Group Director, JRG Group of Institutions

PATRON Dr. Jui Pattnayak, Principal, RITE

CONVENER Prof. Jyoti Ranjan Sahoo, HOD, CSE

CO ORDINATOR Prof. Jyotsna Rani Jena, Asst. Professor, CSE

ORGANISING COMMITTEE Prof. Amiya Bhusan Bagjadab, Asst. HOD, CSE Prof. Snehalata Agasti, Asst. Professor, CSE Prof. Sanjay Kumar Giri, Asst. Professor, CSE

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Brochure of the Event:



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Notice:

Radhakrishna Institute of Technology & Engineering, Bhubaneswar (BPUT affiliated, AICTE approved& NAAC accredited)	The sector and Engineering RITTE
REF. NO.RITE/ENGG/2019-20/002	DATE:27.05.2020
NOTICE	
Sub: - "An Introducation to Machine Learning	g and Data Science"
A virtual webinar on "An Introduction to Machine Learn	ning and Data Science" will be
organized by Silan Technology through online mode toda	y (27.05.2020) at 2:00 PM. All
statt and students are advised to register your name and	join the Webinar session before
4:30 PM. The link will be send to the registered e-mails.	
Webinar on: "An Introduction to Machine Learning and Data	Science" By Silan Technology
Date : 27.05.2020	, , , , , , , , , , , , , , , , , , , ,
Time : 02:00 PM	
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	GROUP DIRECTOR
opy to: Principal/Dean(Academics)/ All HODs/ NBs	
2	
For	
Radhakrishna Institute of Technology and Engineering, Bhubaneswar	
TE Bhubaneswar, IDCO Plot-1,IDCO Industrial Estate, Barunei, Bl Tefax: 91-6755-220242, Email: <u>riteodisha@gmail.com</u>	hubaneswar-752057, India Web: www.riteindia.in

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Schedule of the Event:

Time	Event
2.00 PM	Inauguration
2:15 PM	Welcoming the guest to the dais
2:30 PM	Session by Mr. Trilochan Tarai
4:00 PM	Vote of Thanks by Prof. Sanjay Kumar Giri

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Trilochan Tarai, popularly known as Silu, is an expert in JAVA & Python Programming. He is an industry veteran with 14+ yrs of experience in the field of software training & development. An ex-TCS Technical lead, he has also served as Assistant Professor, Associate Professor, & HOD in many engineering college under BPUT. For his dedicated contribution towards technologies, he has received Odisha Young Technocrat Award. Trilochan Tarai is also a J2EE and Data Science consultant and has designed and developed various software applications for leading IT Companies. He is a leading author on Java and Python technology visible in nationally and internationally. He has a B.Tech Degree in Information Technology from College of Engineering, Bhubaneswar under BPUT and M.Tech in Computer Science & Engineering from Centurion University of Technology & Management, Odisha.

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List of Participation

Sl. No	Name of the Participants	Designation	Department
1.	Sushree Priyadarshini Singh	Student	CE
2.	Soumya Ranjan patra	Student	CSE
3.	subrat kumar sahoo	Student	CSE
4.	Monika Sarkar	Faculty	MBA
5.	Sagar Barada	Student	CSE
6.	Sudhansu paikaray	Student	CSE
7.	Ajitesh Mahapatra	Student	CSE
8.	Pitambara majhi	Student	CSE
9.	Chinmayee Mishra	Faculty	EE
10.	Madhusmita Behera	Student	CSE
11.	Anamika nandan	Student	CSE
12.	Narendra Kumar Sarangi	Faculty	BS & H
13.	Jyotsna Rani Jena	Faculty	CSE
14.	Abinash Nayak	Student	CSE
15.	Annapurna Mahanta	Faculty	СЕ
16.	Aisurya Mohapatra	Student	CSE
17.	Osin sanghamitra Patel	Faculty	CE Principal Radhakrishna Institute of T

and Engineering, Bhubaneswar



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18.	Aniket kunar	Student	CSE
19.	Jnana Ranjan Sahoo	Student	CSE
20.	Sritam Dash	Student	CSE
21.	Niharika Das	Student	CSE
22.	Sagarika Mishra	Student	CSE
23.	Laxmipriya das	Student	CSE
24.	Subhashree Pattanayak	Student	CSE
25.	Bindumadhaba Mohanty	Faculty	BS & H
26.	Soumyaranjan Samal	Student	CSE
27.	Ranjita Rana	Student	CSE
28.	Trupti Priyadarshini	Student	CSE
29.	Nihar Ranjan Mediniray	Student	ME
30.	Subhashree Paikaray	Student	CSE
31.	Chanchal Mukherjee	Faculty	MBA
32.	Bimal Ranjan Pattanaik	Faculty	ME
33	Chandrabhanu Malla	Faculty	ME
34.	Chinmaya prasad Raul	Student	ME
35.	Biswajit Dhal	Student	CE
36.	Animesh patra	Students	ME



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37	Lingraj Padhi	Student	CSE
38	Nityaranjani kabasi	Student	CSE
39	Manoranjan Maharana	Student	CE
40	Sudhir Das	Student	ME
41	Abhishek Ray	Student	ME
42	Priya Ranjan Parida	Staff	CSE
43	Manisha Priyadarshini	Student	CSE
44	Chinam Manas	Student	CSE
45	Sagarika Mishra	Student	CSE
46	Deepak kumar sahoo	Student	CSE
47	Sushanta Kumar Pradhan	Faculty	ME
48	Amit Kumar Manjhee	Student	CSE
49	Nitesh kumar Tudu	Student	CSE
51	Preety Kumari	Student	CSE
52	Rituparna Panda	Student	CSE
53	Zafrul Khan	Student	CSE
54	Suraj Kumar Choudhury	Student	CSE
55	Maheswar Mishra	Faculty	CSE
56	Ankita Priyadarshinee	Student	CSE



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57	Mihir Kumar Sethy	Student	CE
58	Shyam Sundar Nayak	Student	CE
59	Anurag Satyapriya	Student	CE
60	Ansuman Das	Student	CSE
61	Mihir Kumar Sethy	Student	CE
62	Pabitra Ojha	Faculty	BS & H
63	Subash Ranjan Kabat	Faculty	EE
64	Chinmaya Prasad Raul	Student	ME
65	Manoj Kumar Pradhan	Student	ME
66	Biswajit Dhal	Student	ME
67	Biswajit Sahoo	Student	CSE
68	Kishore Chandra Golori	Student	CE
69	Gopabandhu Rabindra Muduli	Student	ME
70	Subhashree Priyadarsani Panda	Student	CE
71	Sesadev Majhi	Student	CE
72	Biswajita Pattanayak	Student	CSE

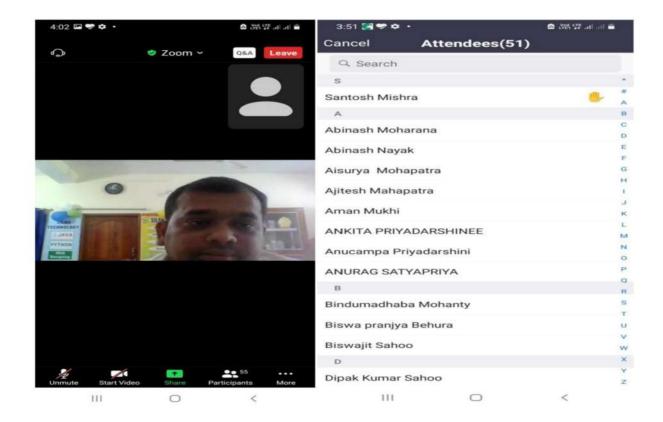


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Pictures of the Event

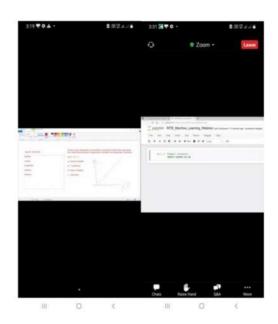


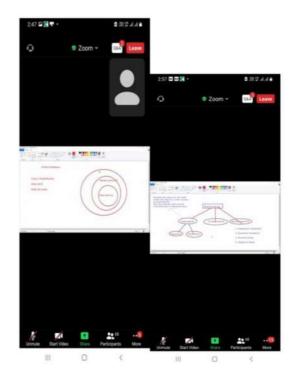


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Report On "Webinar on Next Generation Automotive Technologies"

Held on 08thJune 2020

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Organisedby Internal Quality Assurance Cell, RITE, Odisha

Principal Radhakrishna Institute of Technology and Engineering, Bhubaneswar

CAMPUS:IDCOPIotNo.1,IDCOIndustrialEstate,Barunei,Bhubaneswar-752057,OdishaCITYOFFICE:PIotNo-9,Sec-A,Zone-B,MancheswarIndustrialEstate,Bhubaneswar,Pin-751010



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REF. NO.RITE/2020-21/391(A)

DATE:18.06.2020

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NOTICE

Webinar on" Next Generation Automotive Technologies"

A virtual webinar on "Next Generation Automotive Technologies" will be organized through online mode today (18.06.2020) at 2:00 PM. All staff and students are advised to register your name and join the Webinar session before 1:30 PM. The link will be send to the registered e-mails.

Webinar on : "Next Generation Automotive Technologies"

Date : 18.06.2020

Time :

GROUP DIRECTOR

Copy to: Principal/Dean(Academics)/ All HODs/ NBs

02:00 PM

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RITE Bhubaneswar, IDCO Plot-1,IDCO Industrial Estate, Barunei, Bhubaneswar-752057, India Tefax: 91-6755-220242, Email: riteodisha@gmail.com Web: www.riteindia.in

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Background:

Automotive technology is the study of how self-propelled vehicles move and refers to the creation or design of vehicle technology and the remediation or repairs required. This can involve the engine and other systems, engineering, mechanics and computer technology. It is an aspect of automobile engineering presents basics, advantages, layout and components and functional operation of various computer controlled motor vehicle systems. In addition, it clarifies how to use recent diagnostic tools and equipment for fault finding and analysis.

Brochure of the event:



752057,OdishaCITYOFFICE:PlotNo-9,Sec-A,Zone-B,MancheswarIndustrialEstate,Bhubaneswar,Pin-751010 adhakrishna Institute of Technology & ngineering, Bhubaneswar BPUT affiliated, AICTE approved& NAAC accredited)



Brief Profile of the Expert



Sri S.N.Das graduated in Metallurgical Engineering from R.E.C.Rourkela (now N.I.T.)in 1975 & did M.Tech in Extractive Metallurgy from IIT, Bombay in 1977.He started his career as Scientist "B" for two and half years at R.R.L., Bhubaneswar(now ,IMMT)&has 32 years experience in Aluminium Smelter at Bharat Aluminium Company Ltd., Korba(1981 to 1986)& National Aluminium Company, Smelter at Angul (Feb'1986 toJuly'2013).During his long career in smelter, he was associated with Potline commissioning, operation , training , Process Control, T.Q.M, R&D and Quality Control jobs.He was responsible for imparting training to workmen & engineers, meeting production targets, monitoring process parameters, troubleshooting operation problems& safety aspects.

He was deputed for training on Pot Operation to Tomago Aluminium Company, Australia for two months in May 1986.He visited ALCAN R&D Centre, Arvida, Canada&Jamaican Bauxite Institute (JBI), Kingston during July 2008.A qualified Lead Auditor Of ISO 9001& ISO 14001, he was responsible for successful implementation of these Management System Standards at Nalco Potlines.He is credited with successful field trial of Slotted anode & anode assembly with increased stub-hole depth which were subsequently implemented resulting insubstantial energy savings.He has published & presented eight papers in National & International Conference proceedings,journals .He holds one Patent to his credit.

He was Vice Chairman of Indian Institute Of Metal, Angul Chapter from 2009-10 to 2013-14. He was convener of one International conference(2011) & one National conference(2013) under the aegis of 11M, Angul Chapter.

He retired as DGM (Lab & Process Control), Nalco Smelter in July 2013. After retirement, he worked for 2 ½ years in a consultancy firm, IQEMS, Bhubaneswar, providing consultancy services to industries in implementation of ISO 9001(2008), ISO 14001(2004) & OHSAS 18001(2007) : Integrated Management System(IMS), leading to certification. He has also carried out Safety Audit of industries.

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Objective

To share the knowledge regarding "Next Generation Automotive Technologies" and its significance.

ScheduleoftheEvent

Time	Event
1.00pm-1.10pm	Inaugural ceremony
1.10 pm-1.20pm	Introductory speech by Prof. SM. Samanta, Dept. of Civil Engg., RITE.
1.20pm-02.20pm	Talk delivered on "Next Generation Automotive Technologies" by the expert.
2.25 pm-2.30pm	Vote of thanks & felicitation by honorable Principal, RITE.

ListofParticipants

Sl. No	Name
1	Nitesh Kumar Tudu
2	Seema Mahalik
3	Namrata Apat
4	Payal Priyadarshini
5	Sudhir Das
6	Arati Mishra
7	Anisha Priyadarshini
8	Ipsita Singh
9	Vinnangee Pradhan
10	Ankita Das
11	Jhantu Mandal
12	Rahul Baroi
13	Debasish Mahanta
14	Rahul Das
15	Jagabandhu Karan
16	Sujit Mohapatra
17	Madhusmita Behera
18	Abinash Nayak



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1	
19	Ranjita Rana
20	Zaful Khan
21	ChinamManas
22	Niharika Das
23	Sagarika Mishra
24	Laxmipriya Das
25	Preety Kumari
26	Soumya Ranjan Patra
27	Sritam Dash
28	Sonali Ojha
29	Somesh panda
30	Sunita S. Sethy
31	NityaranjanKabasi
32	Manisha Priyadarshini
33	Pitambara Majhi
34	Sakuntala Behera
35	AbinashRoutray
36	Santosh Mishra
37	Lali Naik
38	Nabin Munda
39	Rashmiprava Biswal
40	Priyanka Khosla

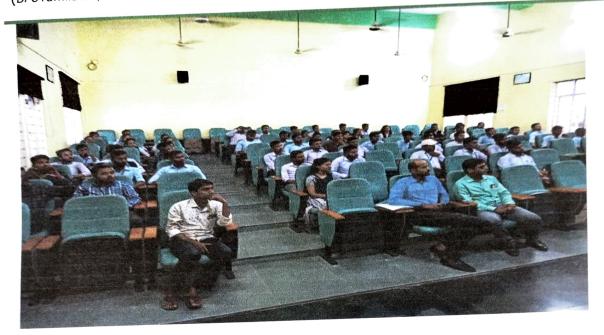
Photos of the Event







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