

A  
Report  
ON  
**Industry Visited**

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INCOIS

**Department of Computer Science & Engineering  
Kakatiya Institute of Technology and Science-Warangal**

## INCOIS Industry visit Report

INCOIS is an autonomous Government Organization under the Ministry of Earth Sciences visited on 24<sup>th</sup> March 2023.

INCOIS stands for **Indian National Centre for Ocean Information Services**. This organization is located in the Pragathi Nagar, Hyderabad, Telangana.

INCOIS is the only Organization in India which provides various services to the coastal areas like:

- Tsunami early warnings
- Ocean State Forecast
- Storm surging warnings
- Marine fishery advices
- Updates of climate indices

There are other services like oil spill alerts, Cyclones warnings and many more.

The mission of INCOIS is to provide ocean information and advisory services to the coastal area societies, industries, the government and the scientific communities through constant improvements with systematic and focused research in information management and ocean modelling.

The INCOIS organization does a round-the-clock monitoring of the oceans and provides information and warnings to the coastal regions.

INCOIS monitors the ocean regions using Satellites by remote sensing.

It also has Live Access Server to Store and analyze the data which is being collected.

INCOIS organization also helps to provide the ocean information to other neighboring countries and places like Sri Lanka, Andaman and Nicobar Islands.

It also provides information for any private organizations on ocean information and other services.

INCOIS also provides a training and internship program to the aspirants aimed for the development and optimization of the sea information.

There are Different types of Gliders which are used to test the salinity and ecosystem of the oceans.

### **MATSYA 6000**

The MATSYA 6000 is an Indian crewed deep- submergence vehicle.



It is named MATSYA 6000 as it goes 6000 meters deep into the ocean.

This deep-submergence vehicle is utilised for deep-sea exploration of rare minerals under the Deep Ocean mission.

The 'MATSYA 6000' vehicle is being designed and developed by **National Institute of Ocean Technology (NIOT), Chennai under Ministry of Earth Sciences.**

The Vehicle has an endurance of 12 hours under normal operation and has an endurance of 96 hours in case of emergency for human safety.

The entire project was allocated ₹4,077 crore (US\$550 million) for a period of five years.

The capacity of the deep-submergence vehicle is **Three** members.

The expected launch of the MATSYA 6000 vehicle will be in the year **2024.**

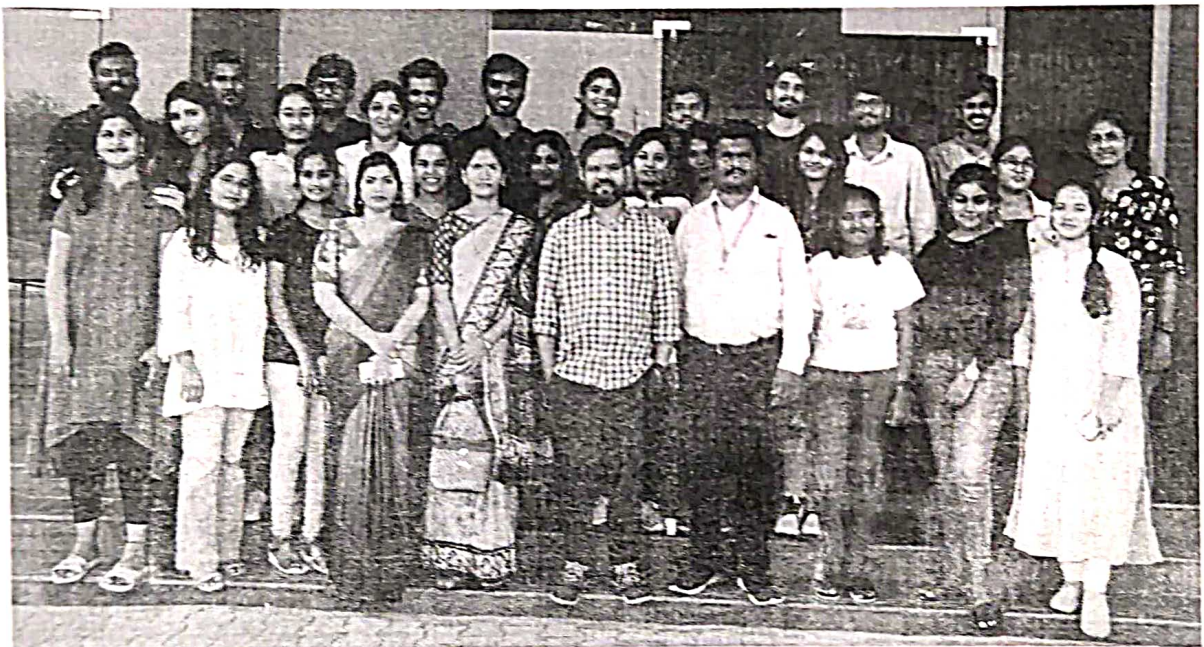


Figure :1 INCOIS Earth Science Head, Dr. Sidhartha Sahoo with our faculty and Students

### Remarks

The **INCOIS** organization provides a wide range of services on ocean information which is very helpful and life saving for the people living in the coastal areas.

The **INCOIS** is the only organization in Indian which gives the ocean information and services.

This Government organization also helps the private services and other neighboring countries by providing the information about the coastal regions.

**INCOIS** monitors the oceans using satellites' remote sensing 24/7 and analyses the data to provide the most optimum information and right warnings/alerts to the ocean regions.

The following faculty members visited INCOS–Hyderabad on 23<sup>rd</sup> March 2023

1. M.S.B.Phridviraj Asst.Professor in CSE Dept
2. G.Asmitha Asst.Professor in CSE Dept
3. P.Radhika Asst.Professor in CSE Dept

The Student list visited

ROLL NO	NAME	PHONE NO	AADHAR NO	DOB
B20CS128	N.POOJA YASHASWI	9390245281	4075497789 63	12/29/2002
B20CS149	G.NAGA CHANDANA	8978082303	6300401777 51	8/25/2002
B20CS133	CH.DEEKSHITHA	6281212644	8007248517 02	6/25/2002
B20CS123	B.AKASH	7330989839	5385025068 37	12/31/2002
B20CS160	P.PAVAN TEJA REDDY	6301791086	4562179420 16	6/5/2003
B20CS127	GUTHIKONDA NARAYANA SAI SMARAN	9701921133	5576944315 96	1/26/2002
B20CS132	R.JAYANTH SAI	8008167238	8229601518 34	6/27/2002
B20CS153	T.KUNDAN	9966819016	9754484067 98	11/1/2002
B20CS143	M.VAISHNAV	7995358375	9459766082 43	2/20/2003
B20CS159	S.ABRAR JUNAID	7995938302	3367247699 72	7/1/2003
B20CS169	A.SAHITHI	8179891393	6045932260 58	3/15/2003
B20CS174	SHAZIYA AFREEN	9391298878	4318208155 22	12/11/2002
B20CS168	R.SUMANTH	9963218481	9797321284 91	5/15/2002
B20CS137	N.KEERTHIKA	8341910977	6635540133 24	6/11/2002
B20CS124	B.AKSHITHA	9704668645	3775451471 65	6/12/2003
B20CS170	P.YASHAS CHANDRA	7032969704	2687537370 27	2/9/2002
B20CS194 L	CHETI NIKSHITHA	9652386002	2314917064 27	12/3/2002
B20CS122	V.TEJASWI	9490842393	6028827822 11	7/23/2003
B20CS036	M.SAHITHI	6309801616	6988890411 55	7/24/2003
B20CS026	T.UDAYINI	9346731384	2691903348 66	6/24/2002
B20CS030	K.AKSHITHA	9573694946	2633177635	11/22/2002



			29	
B20CS004	M.KAVYA SREE	7386793171	5793374167 91	5/1/2004
B20CS015	V.THANUSREE	6302877076	3881746743 94	4/18/2003
B20CS005	B.KEERTHANA	7995036362	5783852476 49	11/5/2002
B20CS054	B.SREEYA	9912615749	7812234327 68	12/5/2002



Figure 2: Marine fishery advices

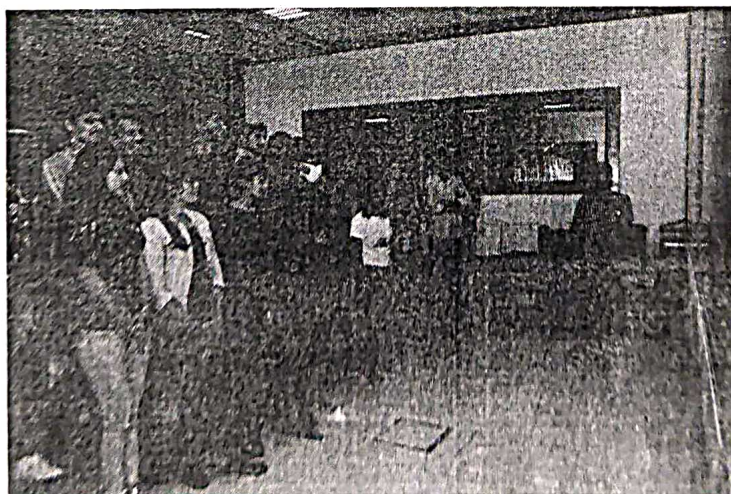


Figure 3: Tsunami office Indicator

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**Permission for Industrial Visit to Indian National Centre for Ocean Information Services (INCOIS), Hyderabad in the 10th March 2023 or 24th March Month. -Req.**

7 messages

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M S B Phridviraj Raj <msbp.cse@kitsw.ac.in>

Wed, Mar 1, 2023 at 2:28 PM

To: director@incois.gov.in, "PNR Dr. P Niranjan" <pnr.cse@kitsw.ac.in>, Shankar Vuppu <hod.cse@kitsw.ac.in>

I am M.S.B.Prudhviraaj , Assistant Professor,  
Department of Computer Science and  
Engineering Kakatiya Institute of Technology  
& Science, Warangal.

As per regular academics, our students need  
to visit Industries/Companies. CSE dept  
students and faculty visited INCOIS,  
Hyderabad. The visit was very useful for  
students and faculty.

Since our students learning Disaster  
Management(Tsunami and Earth quake and  
other Natural Disaster) subject in this  
semester.

Here I am requesting you to give permission  
for CSE Students to visit the Indian National  
Center for Ocean Information Services  
(INCOIS) on 10th March or 24th march  
Month

Please give reply sir

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Sidhartha Sahoo <sidhartha@incois.gov.in>  
To: M S B Phridviraj Raj <msbp.cse@kitsw.ac.in>

Mon, Mar 13, 2023 at 10:10 AM

Dear Sir,

This is to confirm that Director, INCOIS has kindly approved the campus visit of your students on 24 March 2023 (11.00-3.00 hrs). The detailed movement plan will be sent to you shortly. You may please contact 04023886740 / 9393346865 for further information.



With Regards

Dr. Sidhartha Sahoo,  
Knowledge Resource Centre (KRC),  
ESSO-Indian National Centre for Ocean Information Services (INCOIS),  
(Ministry of Earth Sciences, Govt. of India),  
"Ocean Valley", Pragathinagar (BO), Nizampet (SO)  
Hyderabad -500 090. India  
Email- sidhartha@incois.gov.in  
Phone:- 040-23886740  
Website: www.incois.gov.in/krc

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**From:** Director <director@incois.gov.in>

**Sent:** 11 March 2023 08:29

**To:** Sidhartha Sahoo <sidhartha@incois.gov.in>; Uday Bhaskar T V S <uday@incois.gov.in>; Nagoji Rao <nagoji@incois.gov.in>; Aswathi Pacha <a.pacha-p@incois.gov.in>

**Subject:** FW: Permission for Industrial Visit to Indian National Centre for Ocean Information Services (INCOIS), Hyderabad in the 10th March 2023 or 24th March Month. -Req.

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The content of this email is confidential and intended for the recipient specified in message only. It is strictly forbidden to share any part of this message with any third party, without a written consent of the sender. If you received this message by mistake, please reply to this message and follow with its deletion, so that we can ensure such a mistake does not occur in the future.

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**M S B Phridviraj Raj** <msbp.cse@kitsw.ac.in>

Tue, Mar 14, 2023 at 12:08 PM

To: Sidhartha Sahoo <sidhartha@incois.gov.in>

Dear sir  
Thank you sir



**M S B Phridviraj**  
**Assistant Professor**  
**Department of Computer Science and Engineering**  
**Kakatiya Institute of Technology and Science**  
**Warangal-506015**

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W:www.kitsw.ac.in

E:msbp.cse@kitsw.ac.in

Contact No: +91 9030076521, +91 9866576521

||Autonomous|| NBA Accredited || NAAC A grade|| NIRF||

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**Sidhartha Sahoo** <sidhartha@incois.gov.in>

Mon, Mar 20, 2023 at 12:23 PM

To: M S B Phridviraj Raj <msbp.cse@kitsw.ac.in>

Dear Sir,

Please find the attached detail movement plan for your students visit on 24/03/2023 (Friday). Kindly plan your visits accordingly.

With Regards

Dr. Sidhartha Sahoo,  
Knowledge Resource Centre (KRC),  
ESSO-Indian National Centre for Ocean Information Services (INCOIS),  
(Ministry of Earth Sciences, Govt. of India),  
"Ocean Valley", Pragathinagar (BO), Nizampet (SO)  
Hyderabad -500 090. India  
Email- sidhartha@incois.gov.in  
Phone:- 040-23886740  
Website: www.incois.gov.in/krc

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**From:** M S B Phridviraj Raj <msbp.cse@kitsw.ac.in>

**Sent:** 14 March 2023 12:08

**To:** Sidhartha Sahoo <sidhartha@incois.gov.in>

**Subject:** Re: Permission for Industrial Visit to Indian National Centre for Ocean Information Services (INCOIS), Hyderabad in the 10th March 2023 or 24th March Month. -Req.

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 **24032023-Student Visit\_Movement-Plan - KITS Warangal.docx**  
23K

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**M S B Phridviraj Raj** <msbp.cse@kitsw.ac.in>

To: office.cse@kitsw.ac.in

Tue, Mar 21, 2023 at 11:58 AM

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 **24032023-Student Visit\_Movement-Plan - KITS Warangal.docx**  
23K

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**M S B Phridviraj Raj** <msbp.cse@kitsw.ac.in>

To: Sidhartha Sahoo <sidhartha@incois.gov.in>

Wed, Mar 22, 2023 at 12:00 AM

Dear sir

Thank you for the information sir

[Quoted text hidden]

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**M S B Phridviraj Raj** <msbp.cse@kitsw.ac.in>

To: Sidhartha Sahoo <sidhartha@incois.gov.in>

Thu, Mar 23, 2023 at 12:02 PM

Dear Sir,

Tomorrow we coming to INCOIS 31 students and 2 faculty members

lunch will be in your campus

Thank you for support sir

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[Quoted text hidden]



## Permission for Industrial Visit to Indian National Centre for Ocean Information Services (INCOIS), Hyderabad in the March Month. -Req.

2 messages

M S B Phridviraj Raj <mshp.cse@kitsw.ac.in>  
To: Celsa.a@incois.gov.in  
Cc: Shankar Vuppu <hod.cse@kitsw.ac.in>, "PNR Dr. P Niranjana" <pnr.cse@kitsw.ac.in>  
Bcc: M S B Phridviraj Raj <mshp.cse@kitsw.ac.in>

Wed, Feb 22, 2023 at 11:01 PM

I am M.S.B.Prudhviraaj , Assistant Professor, Department of Computer Science and Engineering Kakatiya Institute of Technology & Science, Warangal.

As per regular academics, our students need to visit Industries/Companies. CSE dept students and faculty visited INCOIS, Hyderabad. The visit was very useful for students and faculty.

Since our students learning Disaster Management(Tsunami and Earth quake and other Natural Disaster) subject in this semester.

Here I am requesting you to give permission for CSE Students to visit the Indian National Center for Ocean Information Services (INCOIS) on March Month



M S B Phridviraj  
Assistant Professor  
Department of Computer Science and Engineering  
Kakatiya Institute of Technology and Science  
Warangal-506015

W:www.kitsw.ac.in  
E:mshp.cse@kitsw.ac.in  
Contact No: +91 9030076521, +91 9866576521  
||Autonomous|| NBA Accredited || NAAC A grade|| NIRF||

postmaster@incois.gov.in <postmaster@incois.gov.in>  
To: mshp.cse@kitsw.ac.in

Wed, Feb 22, 2023 at 11:01 PM



Your message to Celsa.a@incois.gov.in couldn't be delivered.

Celsa.a wasn't found at incois.gov.in.

mshp.cse  
Action Required

Office 365

Celsa.a  
Recipient

Unknown To address

### How to Fix It

The address may be misspelled or may not exist. Try one or more of the following:

- Send the message again following these steps: In Outlook, open this non-delivery report (NDR) and choose **Send Again** from the Report ribbon. In Outlook on the web, select this NDR, then select the link "**To send this message again, click here.**" Then delete and retype the entire recipient address. If prompted with an Auto-