

Mahatma Education Society's

Pillai HOC College of Engineering and Technology  
ISRO Outreach Programme



**SPACE TALK**

TOPIC  
APPLICATION OF REMOTE SENSING, GIS AND GNSS

DATE  
24TH APRIL 2023

TIME  
2:30 TO 4:00 PM

**SPEAKER**  
DR. KARTHIK NAGARAJAN  
ISRO IIRB OUTREACH NETWORK  
COORDINATOR

ISRO IIRB OUTREACH NETWORK



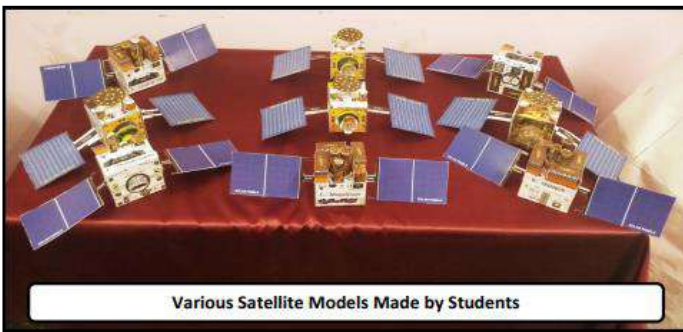




**KARTHIK NAGARAJAN  
NETWORK COORDINATOR**



**Rocket launching with  
our @pillaisro Students**



**Various Satellite Models Made by Students**



**@pillaihoccollege -  
@pillaicollege students  
interaction**



Mahatma Education Society's

Pillai HOC College of Engineering and Technology  
ISRO Internships

**Special Training Program for University Postgraduate Teachers (ISRO/DOS - NNRMS Sponsored Program)**

**Civil Engineering Department, PHCET-3 PhD Research Scholars**

The National Natural Resources Management System (NNRMS), a national level inter-agency system set-up in 1983 and chaired by the Member, Planning Commission, Govt. of India, steers the EO programme in the country  
<https://www.iirs.gov.in/nmrmsponsoredcourses>



**Mr. Karthik Nagarajan**  
Associate Professor  
Civil Engg Dept., PHCET  
(NNRMS 2017)







**Mr. Raju Narwade**  
Associate Professor  
Civil Engg Dept., PHCET  
(NNRMS 2018)











**Ms. Manisha Jangade**  
Associate Professor  
Civil Engg Dept., PHCET  
(NNRMS 2019)







**Pillai HOC College of Engineering is proud to inform that 3 students 1 from IT and 2 from Computer Engineering of BE Civil Engineering have been selected by IIRS, ISRO .**


### 3 B.E Students

 <b>Akshata V Patel</b> B.E. (INFORMATION TECHNOLOGY)	 <b>Akshay M Anarse</b> B.E. (INFORMATION TECHNOLOGY)
 <b>Rohan Kumar</b> B.E. (COMPUTER ENGINEERING)	 <b>MR. KAMAL PANDEY</b> Designation: Scientist/Engineer - SD & Web Information Manager Field of Expertise: Geospatial Software Design and Development





(L-R) : Mr. Akshay A, Miss. Akshata P, Dr. Mathew J  
 Dr. Vasudevan Pillai ( Chairman- MES ), Mr. Karthik N, Dr. I. E. Nalavade



**Prof. Karthik Nagarajan (Guide)**  
 Associate Professor - Civil Engineering Department  
 Coordinator - Pillai ISRO Outreach Network Institute



**Pillai HOC College of Engineering is proud to inform you that 4 students of ME Civil Engineering have been selected by IIRS, ISRO for internship**

### 4 M.E Students

 <b>Archana R. Lokhande</b> M.E. (Planning in Construction Engineering and Management) B.E. (Civil Engineering)	 <b>Poojyam S. Tiwari</b> Designation: Scientist/Engineer - SF Department: Remote Sensing and Geoinformatics Group Field of Expertise: Photogrammetry, Automatic Feature Extraction	 <b>Nivrutti Dhyanobhoshale</b> M.E. (Planning in Construction Engineering and Management) B.E. (Civil Engineering)	 <b>Dr. Praveen K. Thakur</b> Designation: Scientist/Engineer - SF Department: Water Resources Department Field of Expertise: Snow/Sector, Flood and Groundwater Hydrology, Hydrological Modelling, Planetary Remote Sensing
 <b>Divyashree P Yadav</b> M.E. (Planning in Construction Engineering and Management) B.E. (Civil Engineering)	 <b>Prof. Alina Pantle</b> Designation: Scientist/Engineer - SF Department: Photogrammetry and Remote Sensing Field of Expertise: Photogrammetry and Image Analysis	 <b>Rahul Umakrishnan</b> M.E. (Planning in Construction Engineering and Management) B.E. (Civil Engineering)	 <b>Prof. Raghuvendra S</b> Designation: Scientist/Engineer - SD Department: Photogrammetry and Remote Sensing Department Field of Expertise: UAVs, GIS, and Remote Sensing

(Student) 

(Scientist) 

(Student) 

(Scientist) 





**Prof. Karthik Nagarajan (Guide)**  
 Associate Professor - Civil Engineering Department  
 Coordinator - Pillai ISRO Outreach Network Institute

(L-R) : Mr. Asokan, Mr. Karthik N, Dr. Lata Menon ( Dep. CEO, Pillai HOC Educational Campus ), Mr. Rahul N, Dr. Vasudevan Pillai ( Chairman- MES ), Dr. Pradip Chatterjee ( Dir- PHIMSR ), Ms. Divyashree, Dr. Nivedita Shreyans, Mr. Nivrutti, Prof. Amar Mange ( Principal - PHP )


**Pillai Group of Institutions**  
**CHIEF GUEST**  
  
**DR. PRAKASH CHAUHAN**  
Director  
Indian Institute of Remote Sensing  
ISRO, Dehradun  
**CHANDRAYAAN-1 MISSION**  
Lead work done in  
Moon Mineralogical Mapper  
(M3) Instruments  
**CHANDRAYAAN-2 MISSION**  
Principal Investigator for  
Infrared Imaging Spectrometer  
(IIRS) Instrument on-board  
**WINNER OF**  
-Satish Dhawan Award  
-Dr. Vikram Sarabhai Research Award  
-Prof. P.R. Pisharoty Memorial Awards  
**05 FEB** | PILLAI COLLEGE, NEW PANVEL ( MORNING )  
 PILLAI CAMPUS, BASAYANI ( AFTERNOON )



Left to right  
 Chirag Dhole ( student coordinator ), Divyashree Yadav (M.E. CIVIL), Archana Lakhande (M.E. CIVIL), Prof. Karthik Nagarajan, Rahul Nair (M.E. CIVIL), Nirvuti Bhosale (M.E. CIVIL).



Mahatma Education Society's

**Pillai HOC College of Engineering and Technology**  
**ISRO - SPACE BASED**  
**DISASTER MANAGEMENT CELL**



