

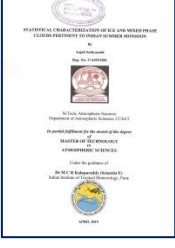

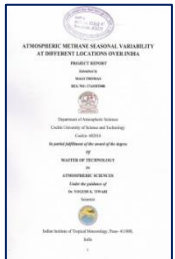


Publications Added in I.I.T.M. Library
May 2019

<u>BOOKS</u>	
551.3:551.583/SEL Chaotic Climate Dynamics - Selvam A. M. - Luniver Press, U.K., 2007, pp.138	Acc. No. 8475 & 8478 
551.51:530.145/SEL Self-organized Criticality and Predictability in Atmospheric Flows - Selvam A. M. - Springer International Pub. AG, Switzerland, 2017, pp.139	Acc. No. 8476-8477 
551.515:551.581.1/RAN Current Trends in the Representation of Physical Processes in Weather and Climate Models - Randall D. A., Srinivasan J., Nanjundiah R. S., Mukhopadhyay P. ed. - Springer Nature Singapore pte. Ltd., Singapore, 2019, pp.372	Acc. No. 8479 
<u>ANNUAL REPORT</u>	
Annual Report 2017-18 - Indian Institute of Geomagnetism, Mumbai, pp.74	Acc. No. AR- 6 
<u>M.SC. / M.TECH. THESES</u>	

<p>Air Quality Measurements at an Urban Megacity Delhi : Seasonal Characteristics and impacts of Odd Even Scheme on Regional Air Quality</p> <ul style="list-style-type: none"> - Bevli Kavisha - Project Report Submitted in Partial Fulfillment of requirements for the Award of the Degree of M.Sc. in Applied Physics , Amity Institute of Applied Sciences, Amity University, Uttarpradesh, 2019, pp.50 <p>*Under the Guidance of <u>Dr. Atul Kumar Srivastava</u>, Dr. Shukla A.K.</p>	<p>Acc. No. M.Sc.71</p> 
<p>Study of Biometeorological and Atmospheric Parameters in Urban and Natural Ecosystems</p> <ul style="list-style-type: none"> - Mishal K. T. - Dissertation Report submitted for the partial Fulfillment of the award of M.Sc. in Geology, Central University of Karnataka, Karnataka, 2019, pp.27 <p>*Under the Guidance of <u>Dr. Supriyo Chakraborty</u>, Dr. K. Channabasappa</p>	<p>Acc. No. M.Sc.72</p> 
<p>The Changing Pattern of Enso-Monsoon Relationship and Associated Circulation features on Multi-Decadal Timescale</p> <ul style="list-style-type: none"> - Seetha C. J. - Dissertation Report submitted in Partial Fulfillment for the Award of Degree of M.Sc. in Meteorology, Department of Atmospheric Sciences, Cochin University of Science and Technology, Cochin, 2019, pp.55 <p>*Under the Guidance of <u>Dr. Hamza Varikoden</u></p>	<p>Acc. No. M.Sc.73</p> 
<p>Microphysics of Monsoon Clouds During Transition as seen from In-situ Ground Observations over a High-Altitude Site in Western Ghats, India</p> <ul style="list-style-type: none"> - Basheer Anas Ibnu - Dissertation Report submitted in Partial Fulfillment for the Award of the Degree of M.Sc. in Meteorology, Department of Atmospheric Sciences, Cochin University of Science and Technology, Cochin, 2019, pp.48 <p>*Under the Guidance of <u>Dr. Leena P. P.</u></p>	<p>Acc. No. M.Sc. 74</p> 
<p>Dendroclimatic Studies of Teak (Tectona grandis L.F.) Samples along Western Ghats</p> <ul style="list-style-type: none"> - Bhagyashree - Dissertation Report submitted in Partial Fulfillment for the Award of the Degree of M.Sc. in Applied Geology and Geoinformatics, Central University of Karnataka, Karnataka, 2019, pp.37 <p>*Under the Guidance of <u>Dr. Saikat Sengupta</u>, Dr. Mohammed Aleem Pasha</p>	<p>Acc. No. M.Sc. 75</p> 

<p>Characterisation of Absorbing Aerosol during Winter Season over Pune</p> <p>- Patil Kunal Nana</p> <p>- A Report submitted for the Fulfillment of the Award of M.Sc. in Environmental Science, Department of Environmental Science, Fergusson College, Pune, 2019, pp.35</p> <p>*Under the Guidance of <u>Dr. P. D. Safai</u>, Mr. Amir Mulla</p>	<p>Acc. No. M.Sc. 76</p> 
<p>Chemical Speciation and Source Identification over Delhi during Winter</p> <p>- Dahiya Karishma</p> <p>- A Report submitted for the Fulfillment of the Degree in M.Sc. in Atmospheric Science, Department of Atmospheric and Space Science, Savitribai Phule Pune University, Pune, 2019, pp.60</p> <p>*Under the Guidance of <u>Dr. R. Latha</u>, Dr. Rohini Bhawar</p>	<p>Acc. No. M.Sc. 77</p> 
<p>Statistical Characterization of Ice and Mixed Phase Clouds Pertinent to Indian Summer Monsoon</p> <p>- Sathyanath Anjali</p> <p>- A Report submitted in Partial Fulfillment for the award of the degree of Masters of Technology in Atmospheric Sciences, Department of Atmospheric Sciences, Cochin University of Science and Technology, Cochin, 2019, pp.50</p> <p>*Under the Guidance of <u>Dr. Kalapureddy M. C. R.</u></p>	<p>Acc. No. M.Tech. 79</p> 
<p>A Study of Microphysical Characteristics of Clouds and Precipitation during Inter- Seasonal Phases of Monsoon over Mumbai</p> <p>- Gayathridevi S.</p> <p>- A Report submitted in Partial Fulfillment for the award of the degree of Masters of Technology in Atmospheric Sciences, Department of Atmospheric Sciences, Cochin University of Science and Technology, Cochin, 2019, pp.47</p> <p>*Under the Guidance of <u>Dr. Chakravarty Kaustav</u></p>	<p>Acc. No. M.Tech. 80</p> 
<p>Atmospheric Methane Seasonal Variability at different Locations over India</p> <p>- Thomas Magi</p> <p>- A Report submitted in Partial Fulfillment for the award of the degree of Masters of Technology in Atmospheric Sciences, Department of Atmospheric Sciences, Cochin University of Science and Technology, Cochin, 2019, pp.51</p> <p>*Under the Guidance of <u>Dr. Yogesh k. Tiwari</u></p>	<p>Acc. No. M.Tech. 81</p> 

<p>Ecosystem Exchange of CO₂</p> <ul style="list-style-type: none"> - Mathew Anjana - A Report submitted in Partial Fulfillment for the award of the degree of Masters of Technology in Atmospheric Sciences, Department of Atmospheric Sciences, Cochin University of Science and Technology, Cochin, 2019, pp.65 *Under the Guidance of <u>Dr. B. S. Murthy</u> 	<p>Acc. No. M.Tech. 82</p> 
<p>Deep Learning based Monsoon Forecasting</p> <ul style="list-style-type: none"> - Katariyar Saurabh - A Report submitted in Partial Fulfillment of the Requirements for the award of the Degree of Masters of Technology in Applied Mechanics, Department of Applied Mechanics, Indian Institute of Madras, 2019, pp.45 *Under the Guidance of Dr. BSV Prasad Patnaik , <u>Dr. Bipin Kumar</u> 	<p>Acc. No. M.Tech. 83</p> 
<p>Study of Collision between Cloud Droplets in Turbulent Flow : DNS Approach</p> <ul style="list-style-type: none"> - Khan Atif Mustafa - A Report submitted in Partial Fulfilment of the Requirements for the award of the Degree of Masters of Technology in Modeling and Simulation, Department of Applied Mathematics, Defence Institute of Advanced Technology, 2019, pp.42 *Under the Guidance of <u>Dr. Bipin Kumar</u>, <u>Dr Krishna Murthy V.S.S.N.V.G. Somanchi</u> 	<p>Acc. No. M.Tech. 84</p> 
