



Koneru Lakshmaiah Education Foundation

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Ref: KLEF/RO/CE/2020-2021

Date: 23-06-2021

Orders of the Hon'ble Vice-Chancellor dt. 26-06-2021

CIRCULAR

Sub: Online 3rd International conference on “ADVANCE IN CIVIL ENGINEERING” on 25 & 26th June 2021 by the Department of Civil Engineering, KLEF – Reg.

Ref: 1. Letter dt. 23-06-2021 from Mr. K. Hemantha Raja, HoD-CE

2. Orders of Hon'ble Vice-Chancellor dt. 23-06-2021

This is to inform that Department of Civil Engineering, KLEF will be organizing an Online Two Days International conference on “ADVANCE IN CIVIL ENGINEERING” on 25 & 26th June 2021 (Online), as per the details given below.

Date and Time: **25th & 25th June 2021 from 10:00 a.m. onwards.**

For any queries on Online International Conference, please contact.

Event Coordinator

Dr. Umesh K. Singh

Associate Professor, CE, K L Deemed to be University.

Dr. Sanjeet Kumar

Associate Professor, CE, K L Deemed to be University.

Student Coordinator:

Mr. Shahul Hassan Shaik (+91-7075471409)

Contact mail: umesh.ais@kluniversity.in

Brochure is attached herewith.

REGISTRAR

Encl: Brochure.

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Mail & Hard copy to: Hon'ble Pro Chancellor

Mail & Hard copy to: Hon'ble Vice-Chancellor

Mail & Hard copy to: Pro Vice-Chancellors

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Mail to: HoD-CE

All Faculty

All Students

Thanks & Regards



Prof. Y. V. S. S. V. Prasada Rao
Ph.D(Mech. Engg.), DPM., MBA (Fin & HR), FICWA
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ICACE 2021

3rd International Conference on
ADVANCES IN CIVIL ENGINEERING
25th & 26th June 2021

Viewing CR039's application...

Dr. Pankaj Mani obtained his B.Sc. (Engg.) from Muzaffarpur Institute of Technology, Muz. Bihar in (1993). After completing his Master's (1994) from IIT Roorkee and Ph.D. (2018) from IIT Kharagpur. Dr. Mani has distinguished 25 years of his service at National Institute of hydrology, Roorkee at various centre, He published about 50 papers in various international journals and conferences. His major area of research is Flood hazard assessment, River flow modelling, Dam break analysis, Area drainage study. He is member of many Committee like Flood Management Works (CWC), Erosion and Siltation in Rivers, Scientific assessment of flood prone areas in UP, MOWR etc. He many completed sponsored/consultancy Projects with major clients likes NPCIL, NHPC, NTPC, RVNL, Municipal Corporation Guwahati, Vadodara, NGT, Indian Army etc..



Keynote Speaker - ICACE
Dr. Pankaj Mani
Scientist 'F'
Centre Flood Management Studies, Patna

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11:31 AM
6/25/2021



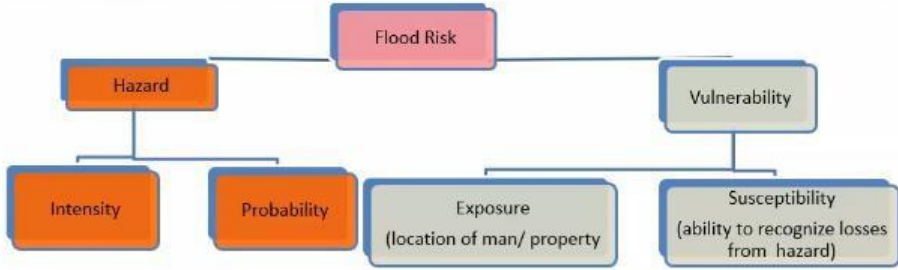
Risk based Flood Management

Flood management aims for selection of appropriate flood measures. The recent trend is risk based flood management

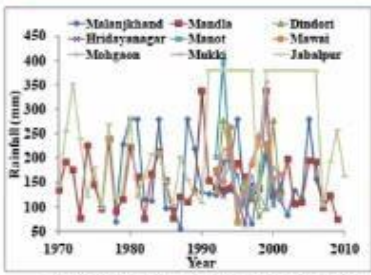
- flood risk assessment and
- framing suitable mitigation plan for risk reduction

Flood risk is the consequential impact of a hazardous flooding event, in quantified terms

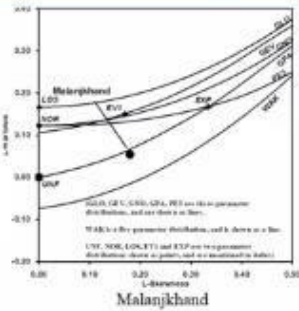
Flood hazard is associated with the causing factor, defined in terms of flood magnitude capable of stimulating harm along with its probability of occurrence.



Design Storm Estimation (4 moment FA)



2-day annual maximum rainfall



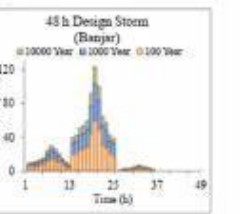
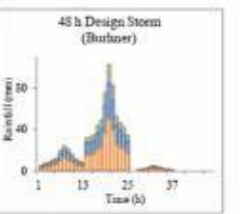
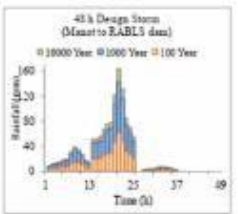
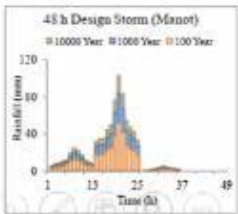
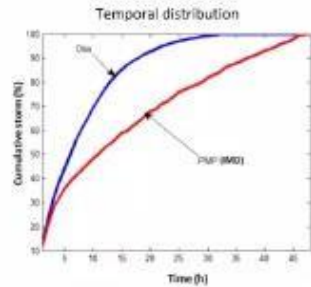
$Z_{T_p}^{(k)}$ - statistic of various Distributions for 2-Day Annual Maximum Rainfall for Chalka Study Area

Station	GPA	PE3	GEV	GNO	GLO
Malanjkhanda	0.27	1.35	1.60	1.59	2.34
Dindori	-0.23	0.01	0.24	0.16	0.44
Mandla	-1.57	-0.78	-0.34	-0.40	0.09
Hridaynagar	-2.88	-2.87	-2.54	-2.66	-2.42
Manot	-1.09	-1.11	-0.76	-0.89	-0.65
Mawai	-1.60	-0.91	-0.96	-0.90	-0.65
Mohgaon	-0.71	0.15	0.03	0.15	0.45
Mukka	-0.53	-0.35	-0.10	-0.19	0.07
Jabalpur	2.88	5.06	5.50	5.97	7.00



48-h Rainfall Estimates (mm) at Nine Rain-gauge Stations and Four Sub-Catchments for 6-Hour Return Period (after 1-h Peak Flow Contribution)

Return period (Years)	100	1000	10000
Malanjkhanda	393	421	545
Mandla	414	690	545
Dindori	458	628	806
Hridaynagar	503	1348	1515
Manot	619	1928	2152
Mawai	592	698	845
Mohgaon	244	345	420
Mukka	544	979	1183
Jabalpur	408	473	576
Naranda upto Manot	414	670	824
Naranda from Manot to RABLS dam	334	488	1199
Burhan upto Mohgaon	392	673	813
Burhan upto Manot	408	820	955
Naranda above RABLS dam	308	651	807



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Pankaj Mani

Dr. V. MALLIKARJUNA

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Dr Sarjjet Kumar

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3rd International Conference on
ADVANCES IN CIVIL ENGINEERING
25th & 26th June 2021

Dr. Tiwari completed in graduation (2001) from College of Agricultural Engineering, JNKVV, Jabalpur, and has obtained his Master and PhD degree from IIT KGP, in the year 2004 and 2011, respectively. Currently he is working as Assistant Professor & Head of Department of Irrigation & Drainage Engg. At Anand Agricultural University, India. He has more than 15 years' research and teaching experience in the area of Hydroinformatics, Soft Computing Techniques, Watershed Management, Irrigation Water Management, Remote Sensing and GIS in Water Resources. Dr. Tiwari has more than 60 research papers in international journal and conferences. He has also received Canadian Commonwealth fellowship and have also visited University of Saskatchewan as research scholar and McGill University as visiting faculty.

Keynote Speaker - ICACE
Dr. Mukesh K. Tiwari
Irrigation & Drainage
Engineering
AAU, Anand, India

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Slide 10 of 10 English (India) Notes Comments 57%

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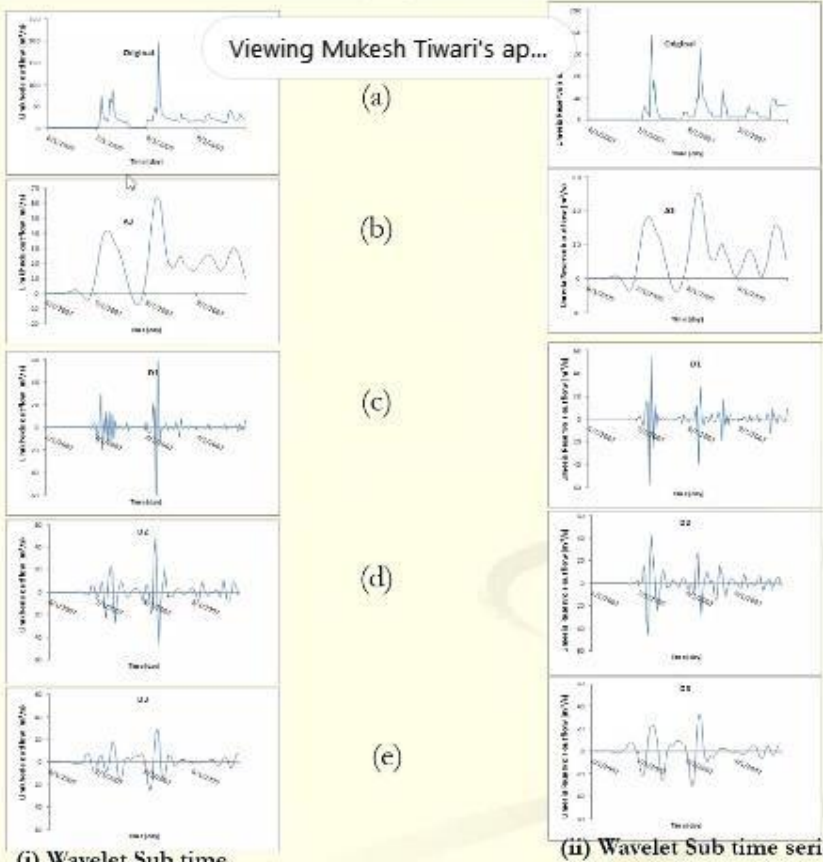
Mukesh Tiwari

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Characterization

- Architecture
 - a pattern of connections between neurons
 - Single Layer Feedforward
 - Multilayer Feedforward
 - Recurrent
- Strategy / Learning Algorithm
 - a method of determining the connection weights
 - Supervised
 - Unsupervised
- Activation Function
 - Function to compute output signal from input signal

CR039 Mukesh Tiwari CR039 Cohost



(i) Wavelet Sub time series of Limkheda

(ii) Wavelet Sub time series of Umaria reservoir outflow

Fig. Wavelet sub time series for (i) Limkheda outflow and (ii) Umaria reservoir outflow for year 2007.

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- C CR039
- DR Dr. P. Rambabu
- DM Dr. V. MALLIKARJUNA
- G gunakar
- H HEMA
- KL KOTHAKOTA ASHA LATHA

Design of Urban Storm Water Drainage System using GIS and SWMM Software

Authors
 Dr. Rambabu Palaka¹, P Sri Charana Reddy²,
 G Viharika² and G Pravalika²

¹Professor, B V Raju Institute of Technology, Narsapur, Telangana
²Student, B V Raju Institute of Technology, Narsapur, Telangana

3rd International Conference on Advances in Civil Engineering
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Modelling Stage-Discharge stations in Krishna Basin using Multi-Linear Regression, M5 Model Tree and Support Vector Regression

Dr. Preeti S. Kulkarni¹, Akansha C. Kamble²

¹Associate Professor and Professor, Department of Civil engineering, Vishwakarma Institute of Information Technology, Pune

²Student of MIECH-Water Resources and Environmental Engineering, department of Civil engineering, Vishwakarma Institute of Information Technology, Pune,

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THE EFFECTS OF AMMONIUM TOXICITY IN PLANTS DUE TO WASTE WATER IRRIGATION

S M SHRAVAN KUMAR, GUJJULA RUTHIKA, VELTHAPU SOWJANYA, YENKAMOLLA SHASHI VARDAN

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Techniques used

Multi-Linear Regression (MLR)	<ul style="list-style-type: none"> Multiple regression Linear relationship 	
M5 Model Tree (MT)	<ul style="list-style-type: none"> M5 Model Tree was introduced by Quinlan in 1992 Utilized to evaluate the Stage and discharge Simplest linear equations Relationship between independent and dependent variables 	
Support Vector Regression (SVR)	<ul style="list-style-type: none"> Nonlinear Regression method Support vector machines (SVM) Kernel Functions 	

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Drainage morphometric analysis using the geo-spatial platform

AUTHORS
1Dr. Hema HC, Nagendra P, 1Dr. Arunkumar Yadav and Mahesh D

Assistant Professor, Department of Civil Engineering, CMR Institute of Technology, Bengaluru.
 Assistant Professor, Department of Studies in Earth Science, University of Mysore, Mysore.
 Assistant Professor, Department of Civil Engineering, Saphthagini College of Engineering, Bengaluru.

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3rd International Conference on Advances in Civil Engineering K L E F, Vijayawada, June 25-26, 2021

Geospatial Approach for the Assessment and Analysis of Flood Risk in the region of Nanjangud town, Mysore District, Karnataka, India

Arunkumar Yadav¹ Hema H C¹, Pramodkumar Kappadi² and Chandrashekarappa Agasnalli³
¹Department of Civil Engineering, CMR Institute of Technology, Bengaluru, Karnataka, India
²Department of Civil Engineering, Dayanandasagar College of Engineering, Bengaluru, Karnataka
³Department of Civil Engineering, BMS Institute of Technology and Management, Bengaluru

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- KL KOTHAKOTA ASHA LATHA

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Mr. K. Hemantha Raja,
HoD-CE

Polu Raja

Dr.P. Polu Raju
Professor

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Dr. J.D. Chaitanya Kumar
Assistant Professor