

Achievements:

Staff Achievements:

From 1st June to 30th June 2021

- Dr Narsimlu G published a paper entitled “Soret And Dufour Effects On An Unsteady Mhd Mixed Convection Flow Past An Accelerated Infinite Vertical Plate Embedded In Porous Medium With Heat Source And Chemical Reaction”. International Journal Of Multidisciplinary Educational Research. (June 2021) Volume 10, Issue6(4), ISSN: 2277-7881; DOI: <http://ijmer.in.doi./2021/10.06.61>
- Dr. A Padma published a paper entitled “Product of M-Series and Srivastava’s polynomial with generalized fractional integral operators” Materials Today (ELSEVIER), June 2021
- DR. Mamta Thakur, published a paper entitled “Difficulties of online Education”, Journal of Huazhong University of Science and Technology , Volume 50, Issue 06, June-2021.
- DR.G Deepa, published a paper entitled “Continuity Equations in Fluid Dynamics and Bianchi Identities” journal of Strad Research, ISSN: 0039-2049,2021, pp.587-591.

From 1st May to 30th May 2021

- Dr Narsimlu G published a paper entitled “ Finite element solution of mass transfer effects on unsteady hydromagnetic convective flow past a vertical porous plate in a porous medium with heat source” Journal of Mathematical and Computational Science. Vol 11, issue No 5 May 2021, DOI: <https://doi.org/10.28919/jmcs/6098>.
- Dr, Mamata Thakur, Part of the organizing committee as SESSION CO-ORDINATOR for the ATAL FDP organized by GURUKUL KANGRI VISHWAVIDYALAYA, HARIDWAR, INDIA from 17 – 21 May, 2021
- M AMARNATH Asst professor presented a research paper at International conference on Advances in science, Engineering and Tehnology 21-22 may,2021,on “Study on Acoustic and Volumetric Properties of Binary Liquid Mixtures of Sulfolane with N-Pentylamine, 2-Aminopentane and 3-Amino Pentane at 303.15K. - An Insight from Physicochemical Parameters”

- Dr. Palle Kiran presented a paper entitled “Rayleigh Benard convection in the presence of synchronous and asynchronous thermal rigid boundary conditions,” May 14-15, ICIMA-2021, PPG Institute of Technology, Coimbatore, TN
- Dr. Palle Kiran., Rayleigh Benard convection in the presence of synchronous and asynchronous thermal rigid boundary conditions. Page 01-13, Springer Proceedings : [Advances in Sustainability Science and Technology](#). Published. ISBN 978-981-16-4320-0
- Dr.Palle Kiran, published a paper entitled “Nonlinear thermal instability of couple-stress fluids in porous media under thermal modulation”. P01-10., Springer Proceedings : [Advances in Sustainability Science and Technology](#). Published. ISBN 978-981-16-4320-0
- Dr. Palle Kiran presented a paper entitled G-jitter effect on Darcy B'enard convection bounded by rigid boundaries., e-ICMTA – 2021 March 24-26 2021, SRM

From 1st April to 30th April 2021

- Dr. P Suresh, Pfof.M Ganeshwar Rao, published a paper entitled “THE EFFECT OF THERMAL MODULATION ON DOUBLE DIFFUSIVE CONVECTION IN THE PRESENCE OF APPLIED MAGNETIC FIELD AND INTERNAL HEAT SOURCE” Int. J. of Applied Mechanics and Engineering vol.26, No.1, pp.135-155, 2021.
- Dr.P Suresh, published a paper entitled “Heat and Mass Transfer in MHD Casson Fluid Flow along Exponentially Permeable Stretching Sheet in Presence of Radiation and Chemical Reaction” Annals of R.S.BVol.25, Issue 1 Pages:7163-7175, 2021

From 1st March to 31st March 2021

- Dr. P. Suresh , Prof.P. Raj Reddy published a paper entitled “Influence of radiation on MHD flow of a Casson fluid and heat transfer over a stretched surface” Turkish Journal of Computer and Mathematics Education Vol.12 No.9 (2021),1078-1084, 2021

From 1st January to 28th February 2021

- Prof. P Raj Reddy, Head , Department of Mathematics Organized AICTE Training and Learning (ATAL) Academy online FDP on “QUATUM COMPUTING” from 18th - 22nd January 2021
- Prof. M. Ganeshwar Rao, published a paper entitled “On the partial sums of the Dirichlet Series of a ged- sum function over over regular integers modulo n. Volume X, Issue II, February 2021
- Prof. M. Ganeshwar Rao, published a paper entitled “R-Regular Integer Modulo nr” Vol.12 No.2 (2021),1047-1053, 5 April 2021

- Dr.B.R.Sreedhar published a paper entitled “Statistical Analysis of Agricultural Performance in Different Crops by Using Sampling Techniques., in Advances and Applications in Statistics Vol 66, No 1, 2021, pp 1-11
- Dr. B. Chandra Shekar published a paper entitled “Impact of Soret and Dufour on bioconvective flow of nanofluid in porous square cavity.” *Heat Transfer*. Volume 50(5), 5123 – 5147, 2021. (SCOPUS, WoS), <https://doi.org/10.1002/htj.22118>

From 1st November to 31th December 2020

- DEPARTMENT OF MATHEMATICS Organized a Seminar “ON APPLICATION OF NUMBER THEORY” on National Mathematics day, 22nd December.2020
- Dr.B.R.Sreedhar published a paper entitled “RAINFALL FORECAST THROUGH ROOT MEAN SQUARED ERROR USING DOUBLE EXPONENTIAL & LOG-PEARSON III PROBABILITY DISTRIBUTIONS”.in European Journal of Molecular & Clinical Medicine , ISSN 2515-8260 ,Volume 7, Issue 8, 2020.
- Dr. A Padma, published a paper entitled “Image Formula for Saigo fractional derivative operator connected with V-function” Sambodhi (UGC Care Journal) ISSN:2249-6661, Vol-43, No.-03 (IV) 2020.
- Dr Narsimlu G : “The Effect of Modulation on Heat Transport by a Weakly Nonlinear Thermal Instability in the Presence of Applied Magnetic Field and Internal Heating”, International Journal of Applied Mechanics and Engineering [Volume 25: Issue 4](#) 26 Nov 2020 DOI: <https://doi.org/10.2478/ijame-2020-0052>
- Dr. Mamta Thakur presented a paper entitled “Entropy generation in a micro polar fluid through a vertical channel saturated with anisotropic porous media” at 65th Congress of ISTAM 2020,GITAM Hyderabad, 9-11 Dec 2020

From 1st October to 31th October 2020

- Dr.Palle Kiran, presented a paper entitled SH Manjula, P Suresh, P Raj Reddy ., The time periodic solutal effect on oscillatory convection in an electrically conducting fluid layer. Publication date 2020/10/5 Journal AIP Conference Proceedings Volume 2261 Issue 1 Pages 030004 Publisher AIP Publishing LLC
- Dr.Palle Kiran, presented a paper entitled The effect of gravity driven thermal instability in the presence of applied magnetic field and internal heating,.., Publication date 2020/10/5 Journal AIP Conference Proceedings Volume 2261 Issue 1 Pages 030042 Publisher AIP Publishing LLC

From 1st September to 30th September 2020

- Dr.Palle Kiran, presented a paper entitled “Weakly Nonlinear Double-Diffusive Oscillatory Magneto-Convection Under Gravity Modulation”. Publication date 2020/9/1 Journal Sensor Letters Volume 18 Issue 9 Pages 725-738 Publisher American Scientific Publishers.

From 1st August to 31th August 2020

- Dr. A Padma has participated and presented paper on “Image Formula for Saigo fractional derivative operator connected with V-function” in the online international Conference on ICCIASH-2020 organized by St. Martin’s Engineering College, Secunderabad on 13th & 14th August 2020

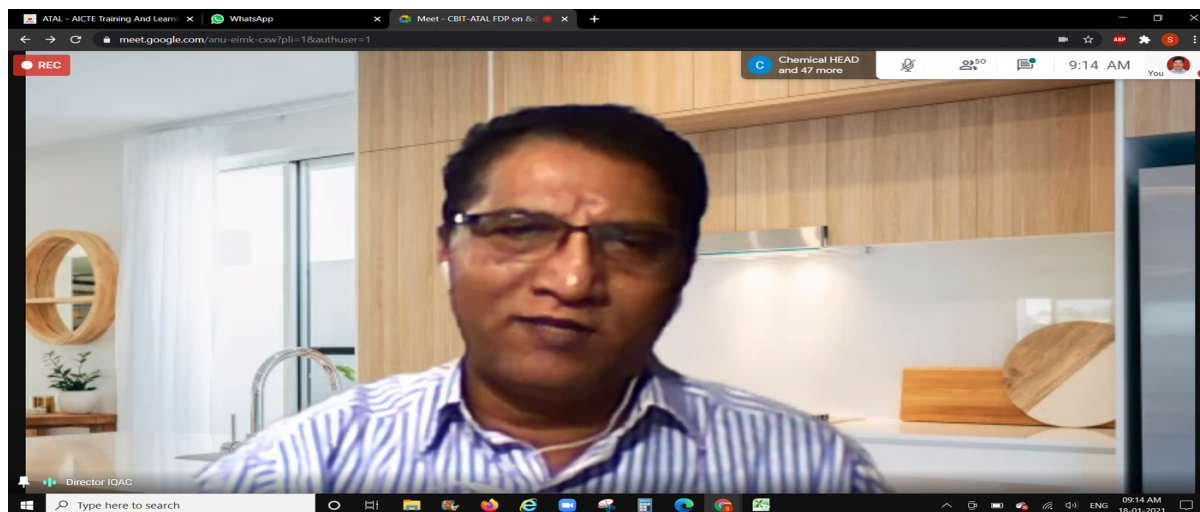
From 1st June to 30th July 2020

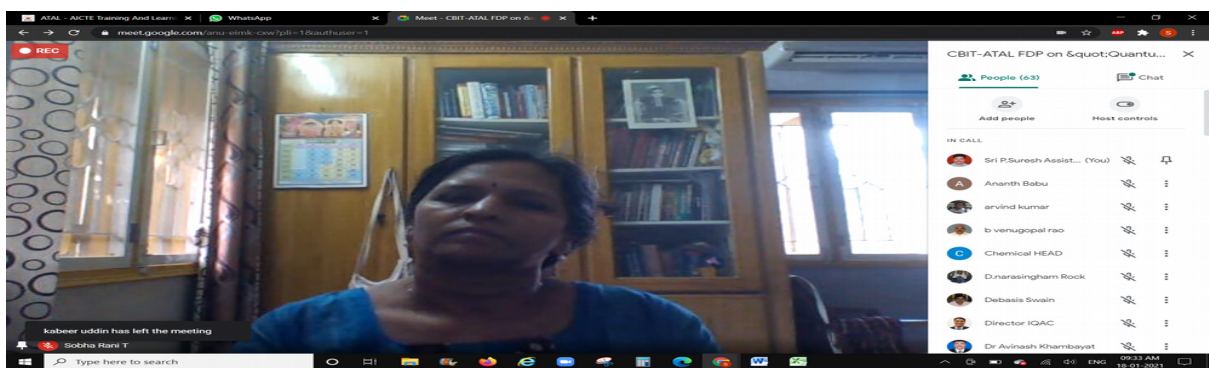
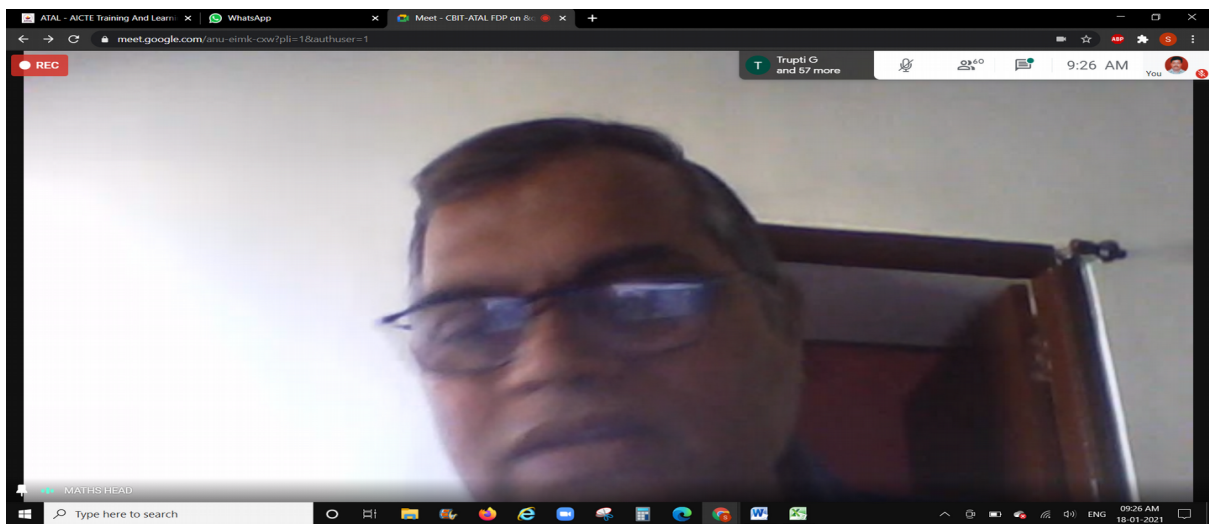
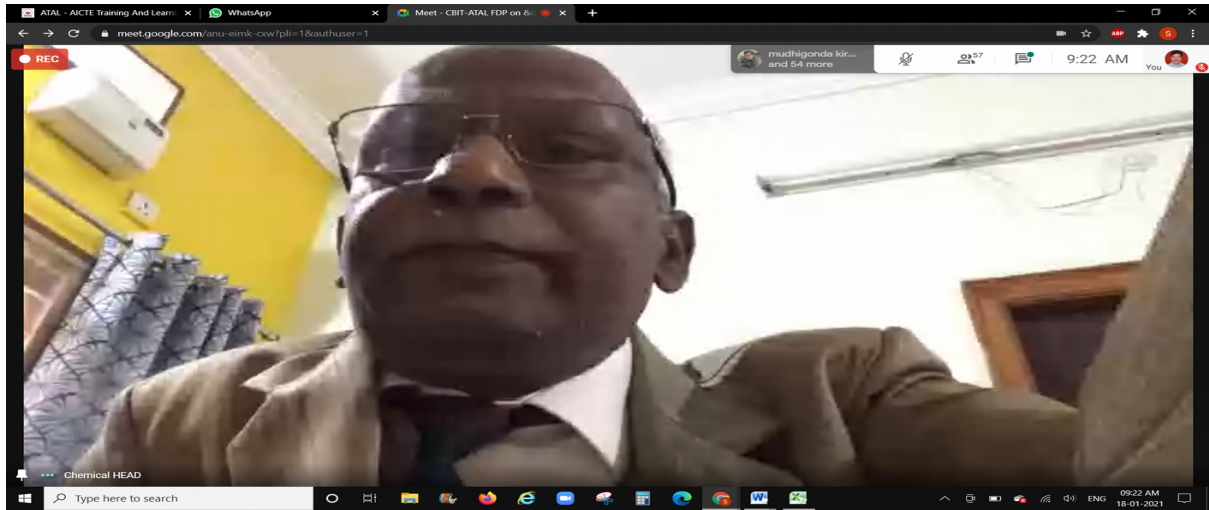
- Prof. P Raj Reddy (Convener) Organized one day national seminar on APPLICATION OF NUMBER THEORY AND CRYPTOGRAPHY”, 8th July 2020
- Dr.B.R.Sreedhar, Organized a National Webinar on STATISTICAL ANALYSIS AS AN INTERFACE IN ENGINEERING PROBLEMS on 13th July, 2020; 11:00 AM - 01:00 PM under DEPARTMENT OF MATHEMATICS (CBIT) . Role : Convener
- Dr Narsimlu G, Organized One Day National Webinar on “STATISTICAL ANALYSIS AS AN INTERFACE IN ENGINEERING PROBLEMS” On 13th July, 2020
- Dr A Padma (Convener) and Dr. Mamta Thakur (Co-convener) Organized a National level online webinar on “A POPULAR TALK ON MATHEMATICS” on 20th July, 2020
- Dr. Mamta Thakur Organised National level e-quiz from 21st to 25th July, 2020 under Ramanujan Math Club of CBIT.
- Dr K Sharada, Organized a National level online webinar on ”Applications of Fluid Mechanics in Engineering and Technology on 27th July 2020
- M AMARNATH Asst professor organized a National Webinar on “APPLICATIONS OF FLUID MECHANICS” on 27th July, 2020, 11.00 AM-1.00 PM
- M AMARNATH Asst professor organized a National Webinar on “STATISTICAL ANALYSIS AS AN INTERFACE IN ENGINEERING PROBLEMS” on 13th July, 2020, 10.00 AM-1.00 PM
- Dr. P. Kiran has given Invited Lecture as Resource Person for FDP : Applications of fluid dynamics and advanced materials, August 24-28 2020. Organized by Applied Science and Humanities, BKIT, Bhalki., Bidar, Karnataka 585328. From 1st June to 30th July 2020

NATIONAL CONFERENCE/WORKSHOPS/SEMINARS

- The Department Mathematics conducted one week FDP on “Quantum Computing” from 18-01-2021 to 22-01-2021 in collaboration with AICTE Training and Learning (ATAL) Academy
 - The Department of Mathematics was organized one day National Seminar on 8th July 2020, Titled ‘APPLICATION OF NUMBER THEORY AND CRYPTOGRAPHY’
 - Organized One Day National Webinar, Titled: STATISTICAL ANALYSIS AS AN INTERFACE IN ENGINEERING PROBLEMS on 13th July 2020.
 - Organized one day online National Webinar on 20th July 2020, Titled: A POPULAR TALK ON MATHEMATICS.
 - Organized online National Webinar on 27th July, 2020, Titled: APPLICATIONS OF FLUID MECHANICS IN ENGINEERING AND TECHNOLOGY
 - RAMANUJAN MATH CLUB OF CBIT DEPARTMENT OF MATHEMATICS was Organized a National Level E-Quiz in Mathematics from 20th July 2020 to 26th July 2020
-
- one week FDP on “Quantum Computing” from 18-01-2021 to 22-01-2021 in collaboration with AICTE Training and Learning (ATAL) Academy

ATAL-FDP Inaugural Photos:





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REC Venkat Reddy P is presenting

markala rejeswar... and 62 more

11:10 AM

CBIT-ATAL FDP on "Quantum Com...

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11:10 AM 18-01-2021

ATAL - AICTE Training And Learn... WhatsApp

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REC

Mamta Thakur Asst Prof.

People (61)

Chat

Add people

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IN CALL

- Sri P.Suresh Assiat... (You)
- Ananth Babu
- arvind kumar
- b venugopal rao
- Chemical HEAD
- D.narasingham Rock
- Debasis Swain
- Director IQAC
- Dr Avinash Khambayat

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09:34 AM 18-01-2021

Day-2 forms - pss... My Drive - Google... D2_S2 Feedback?... D2_S2 Feedback?... C.B.I.T - Calendar... Meet - CBIT-A... (4) WhatsApp... unit1, mid 1, ques...

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REC Saurabh Basu is presenting

Nikhil Reddy and 19 more

1:05 PM

Saurabh Basu

Conclusions

Quantum entanglement is the key to Quantum Teleportation.

Since Quantum entanglement is no longer a theoretical obscurity, Physical realization of quantum teleportation may be possible in future.

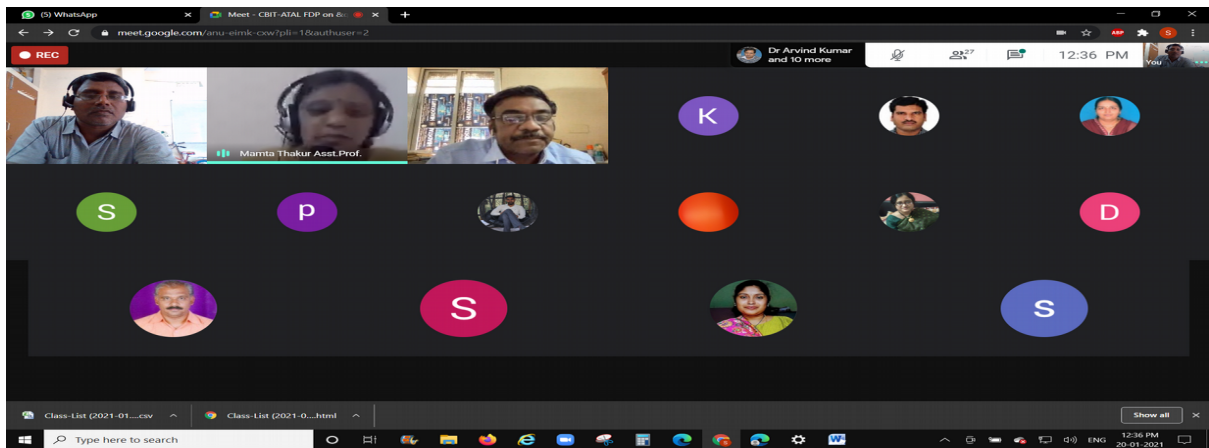
Quantum teleportation is the key to quantum computing.

Quoting the director of the Vienna experiment

'... We are talking about quantum phenomena here; we have no idea how we could produce these with larger objects. And even if it was possible, the problems involved would be huge. Firstly, for physical reasons, the original has to be completely isolated from its environment for the transfer to work. There has to be a total vacuum for it to work. And it is a well-known fact that this is not particularly healthy for human beings. Secondly, you would take all the properties from a person and transfer them onto another. This means producing a being who no longer has any hair colour, no eye colour, nix. A man without qualites! This is not only unethical; it's so crazy that it's impossible to imagine...'

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01:05 PM 19-01-2021



REC Dr. K.Sagar Professor is presenting Chandu Goll and 22 more 12:59 PM

How to add binary numbers

- Consider adding two 1-bit binary numbers x and y
 - $0+0 = 0$
 - $0+1 = 1$
 - $1+0 = 1$
 - $1+1 = 10$
- Carry is x AND y
- Sum is x XOR y

x	y	Carry	Sum
0	0	0	0
0	1	0	1
1	0	0	1
1	1	1	0

4

CBIT-ATAL FDP on "Quantum Com... Raise hand Turn on captions Dr. K.Sagar Professor is presenting

Meet - CBIT-ATAL FDP on "Quantum Com... Dr.M.Swamy-Das-CSE.pdf (4) WhatsApp Google link Reg... - psuresh_m... +

Mamta Thakur Asst.Prof. and 25 more 12:38 PM

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REC

Mamta Thakur Asst.Prof.

Dr.P.Raj Rocky Professor

Dr. narsingham ... and 30 more

4:14 PM

You

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Neeraj Sinha

s kumar

Ashwini Kulkarni

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More options

CBIT-ATAL FDP on "Quantum Com...

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