Aurora's Degree & PG College
(ACCREDITED BY NAAC WITH 'B++' GRADE)
Chikkadpally, Hyderabad 500020

EVENT / ACTIVITY DETAILED REPORT

NAME OF THE EVENT / ACTIVITY	Workshop
TYPE OR TITLE OF EVENT / ACTIVITY	Lecture Workshop on Number Theory and its Applications
FACULTY INCHARGE	Ms. G. Prathibha & Ms.M. Latha Salome
DEPARTMENT/CELL/COMMITTEE/CLUB	Department
DATE	06-04-2022
VENUE	Aurora's Degree and PG College
TARGET AUDIENCE	M.Sc. Mathematics

1. **PROGRAM SCHEDULE**

The workshop on "Number Theory and its Applications" was scheduled at 2:00 pm. The guest was invited at 2:00 pm. Welcome note was given till 2:10pm. Later the profile of the guest speaker was read. The session was handed over to the speaker at 2:20pm. Lecture by guest speaker was carried till 2:50pm. Question and answer interactive session and sending feedback link was done from 2:50pm to 3:00pm. The webinar is ended by giving vote of thanks at 3:15pm

2. **LIST OF FACULTY COORDINATORS**

   Ms. G. Prathibha, Head, Associate Professor, Dept. of Mathematics

   M. Latha Salome, Associate Professor, Dept. of Mathematics

3. **LIST OF THE STUDENT COORDINATORS :**

   Nil

4. **LIST OF THE PARTICIPANTS (NAME , ROLL NO, CLASS & SECTION, NO OF GIRLS, BOYS, CASTE)**

Total Number of Participants	58
Meeting Title	Number Theory and its Applications
Meeting Start Time	6/4/2022, 1:47:56 PM
Meeting End Time	6/4/2022, 3:17:34 PM
No. of girls	39
No. of boys	19

		List of Participants		
S.No.	**Name**	**Contact No.**	**Email I'd**	**Attendee/ Organiser**
1	A Kalpana	9959191608	kalpana.angoth123@gmail. com	Attendee
2	A Srinivas Goud	7337291568	asrinivasgoud_pg@adc.edu.in	Attendee
3	Adhunoori rajini	6304585421	adhunoorirajini@gmail.com	Attendee
4	Ajumera Anusha	9573398048	anushaanu7003@gmail.com	Attendee
5	Arkaari Durgarani	7993024521	arkaridurgarani@gmail.com	Attendee
6	B Yankanna	9603484780	yankanna321@gmail.com	Attendee
7	Bathini.Bhargavi	9182827403	bhargavibathini123@gmail .com	Attendee
8	C. kalavathi	8374207203	kalavatikala93@gmail.com	Attendee
9	Dinne Sindhuja	8328489802	dsindhujareddy027@gmail.com	Attendee
10	Eslavath Harish	6302586591	hari143412@gmail.com	Attendee
11	G vasavi	8186093089	gollapallivasavi06@gmail.com	Attendee
12	G. Anitha Rani	9573309137	anithagaikwad657@gmail.com	Attendee
13	G.Nagaraju	8142873232	guntinagaraju3232@gmail.com	Attendee
14	K.S.Prasanna Laxmi	89190 81526	Prasannalaxmi1012@gmail.com	Attendee
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17	Kuthadinagajyothi	8074250352	Kuthadinagajyothi@gmail.com	Attendee

18	M.Mounika	9392398740	1017mounika@gmail.com	Attendee
19	Mahendar Reddy	8185884645	reddym195@gmail.com	Attendee
20	Mallaiah	9949931066	kamanilayam95@gmail.com	Attendee
21	Mamidivarjala Kalyani	9440829092	kalyanimamidivarjala23@gmail.com	Attendee
22	Marrapu Bhargavi	7993436168	marrapubhargavi@gmail.com	Attendee
23	Molugu Snehitha	9347278776	Shenithamolugu05@gmail.com	Attendee
24	Nagula Manisha	8374246116	murthy04109157@gmail.com	Attendee
25	P.Srilatha	6281394498	peddagollasrilatha777@gmail.com	Attendee
26	Thanneru Vasavi	9000246981	thanneruvasavi1999@gmail.com	Attendee
27	U.Sarika	8121420829	sarikaudugu@gmail.com	Attendee
28	Yash Dand	9885942000	yashdand15@gmail.com	Attendee
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30	L Nagaraju	9703080508	lnraj32@gmail.com	Attendee
31	Balaji Kosuri	6300202215	kosuribalaji_pg@adc.edu.in	Attendee
32	P.Sushma	9346849121	p.sushmasony@gmail.com	Attendee
33	Bathini .Bhargavi	9182827403	bhargavibathini123@gmail .com	Attendee
34	J.manasa	9346192499	manasajadala87@gmail.com	Attendee
35	P. Sripriya	6305660216	sripriyapagidi10@gmail.com	Attendee
36	Abhishek Sharma	6205749623	algebra.vbu@gmail.com	Attendee
37	C. Kalpana	7093448517	Ckalpana199@gmail.com	Attendee
38	Laltu Mondal	7063871508	mondallaltu763@gmail.com	Attendee
39	Reddy Pooja	8106648392	reddypooja198@gmail.com	Attendee
40	Dasari Srinidhi	9381291513	dasarisrinidhi877@gmail.com	Attendee

41	Boreddy mahendar Reddy	8185884645	reddym195@gmail.com	Attendee
42	G Sharath Babu	9014334091	sharathbabu162@gmail.com	Attendee
43	Parnandi sushmitha	6304199065	sushmithamiyora15@gmail.com	Attendee
44	Talla Sowmya sri	9441855440	sowmyasiri338@gmail.com	Attendee
45	A Durgarani	7993024521	arkaridurgarani@gmail.com	Attendee
46	Angoth kalpana	9959191608	kalpana.angoth123@gmail. com	Attendee
47	Merugu Sathish kumar	8919223798	merugusathishkumar_pg@adc.edu.in	Attendee
48	N.Keerthi Reddy	8185920539	keerthireddy24101998@gmail.com	Attendee
49	Daruri Revanth Kumar	8019501704	darurirevanthkumar@gmail.com	Attendee
50	Jahangeer	9908559398	jahangeerjanu2010@gmail.com	Attendee
51	V.Srinivas			Attendee
52	P. Neha			Attendee
53	A Sandhya Rani	9000109687	sandhyarania@adc.edu.in	Attendee
54	P. Chandrakala	9100000533	chandrakalap@adc.edu.in	Attendee
55	B. Madhavi	9100000547	madhavibulusu@adc.edu.in	Attendee
56	Dr. Meera Joshi	9866228635	Meerajoshi@adc.edu.in	Attendee
57	Ms. G. Prathibha	9100000517	Hod_mathematics@adc.edu.in	Organiser
58	Ms. M. Latha Salome	9100000597	lathasalome@adc.edu.in	Organiser

5. PARAGRAPH ABOUT THE PROCEEDINGS (TILL THE END OF THE EVENT)

The workshop is organized with an intention to motivate the students towards research in mathematics. The topic “Number theory and its Applications” has been decided after discussion in the department meeting conducted by HOD. Ms. G. Prathibha HOD, Ms. M. Latha Salome took the responsibility of organizing the workshop. We approached Dr. V. Srinivas, Assistant Professor, Dept. of Mathematics, UCS, Hyderabad. He accepted our invitation and has given the date and timings of his availability.

We have proceeded further and made a proposal for the same. The proposal was accepted by the AQAC convener and we obtained permission from the Principal Dr. Viswanatham Bulusu. With the continuous guidance and support of our Principal Dr. Viswanatham Bulusu, Aurora's Degree and PG College the event was organized by the department of Mathematics for exploring research topics in Mathematics.

A poster was made with the help of Mr. U. Srinivas, faculty, Dept. of Computer Science.

All the members of the department campaigned about the event. Google form was created for registrations and link for registration was shared to all the students of PG of our College through whatsapp groups. Total 60 students registered for the event.

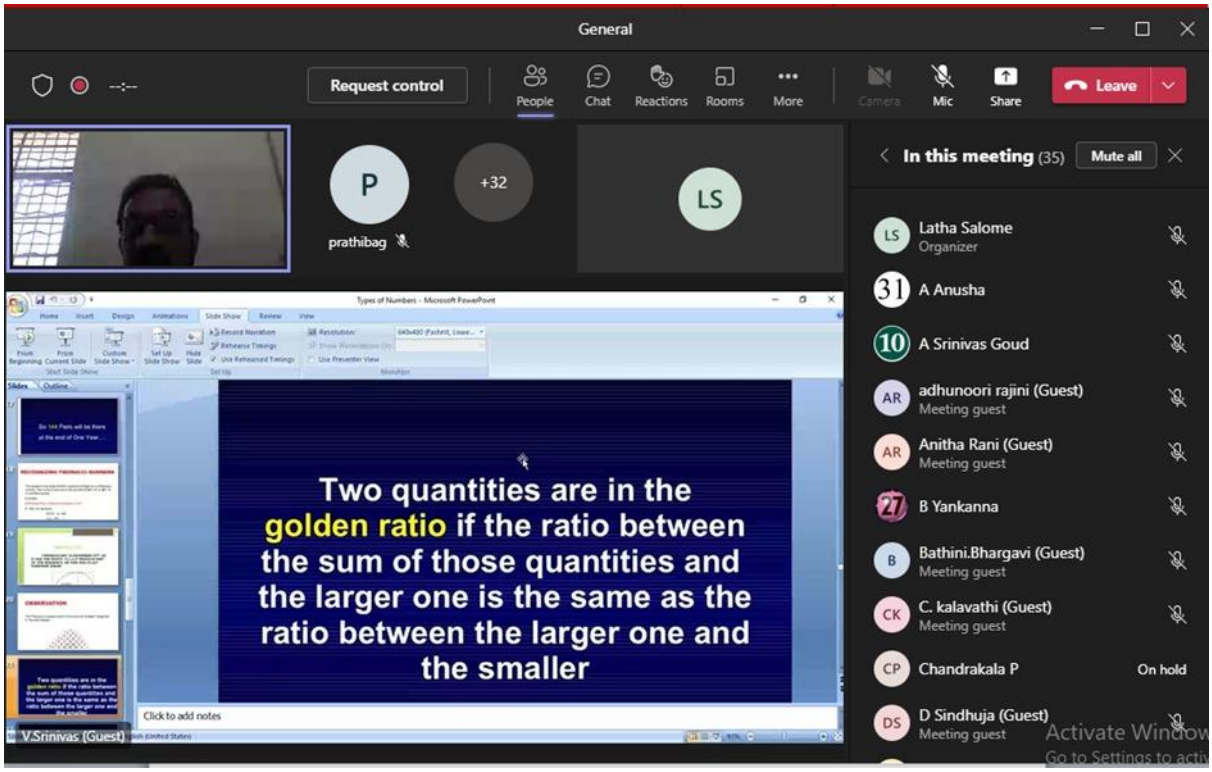
The resource person Dr. V.Srinivas, Assistant Professor, Dept. of Mathematics, UCS, Hyderabad, explained the importance of Number theory and how it is applied and is applicable. The workshop is organized in online mode through Microsoft teams.

Mr.Hari Prasada Rao, Associate Professor and Vice Principal supported the event in scrolling the information in the college website.

Welcome note was given by Ms. G. Prathibha and Profile reading of the resource person was delivered by Ms. M. Latha Salome and also vote of thanks.
56 students participated in the workshop and got benefited. The participants showed their interest in learning and interacting with the speaker. At the end of the session, feedback form link is shared in the chat box to the participants.

The student is aware of the applications of Number Theory. The students are oriented about the importance of Mathematics. The students were aware about the applications of Mathematics. The students are motivated to do research in Mathematics.

6. **INCOME AND EXPENDITURE:** Nil
7. **EVENT PHOTOS (MIN 2 MAX 4)**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In this meeting (35)
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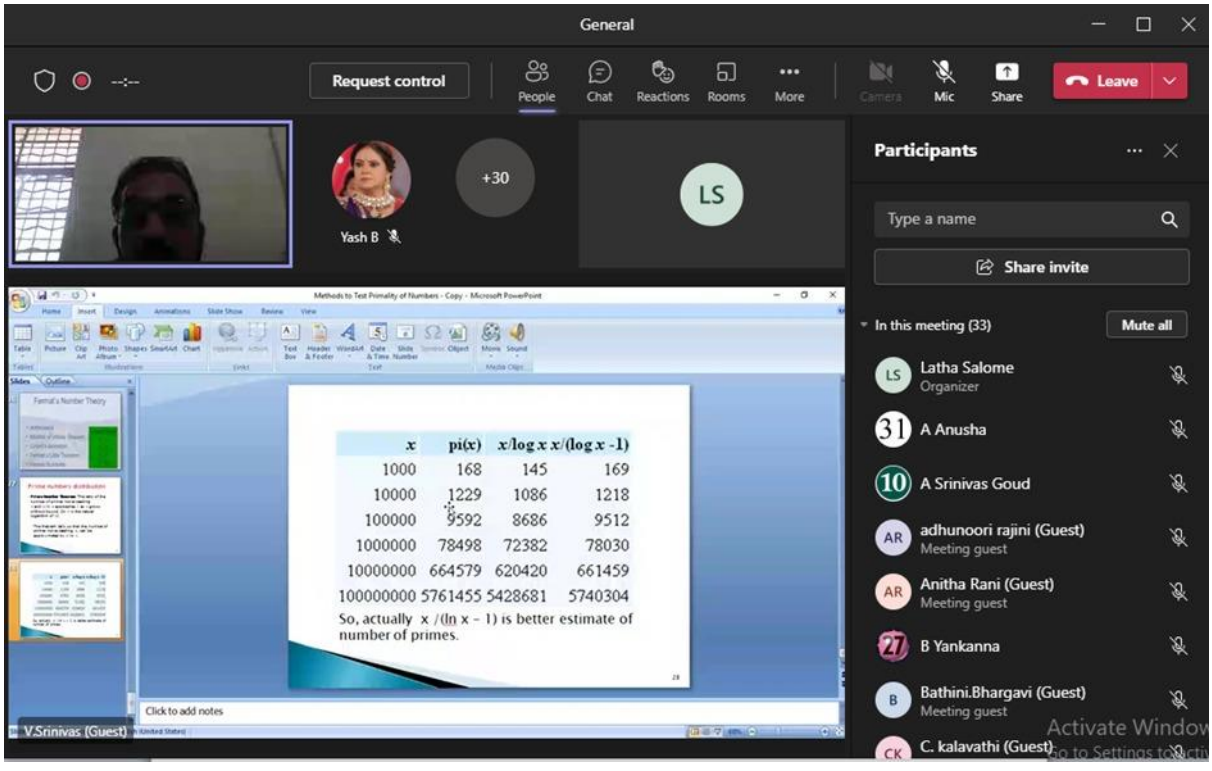
Latha Salome
Organizer
A Anusha
A Srinivas Goud
adhunoori rajini (Guest)
Meeting guest
Anitha Rani (Guest)
Meeting guest
B Yankanna
Bathini.Bhargavi (Guest)
Meeting guest
C. kalavathi (Guest)
Meeting guest
Chandrakala P
On hold
D Sindhuja (Guest)
Meeting guest
Two quantities are in the golden ratio if the ratio between the sum of those quantities and the larger one is the same as the ratio between the larger one and the smaller
Click to add notes
V.Srinivas (Guest)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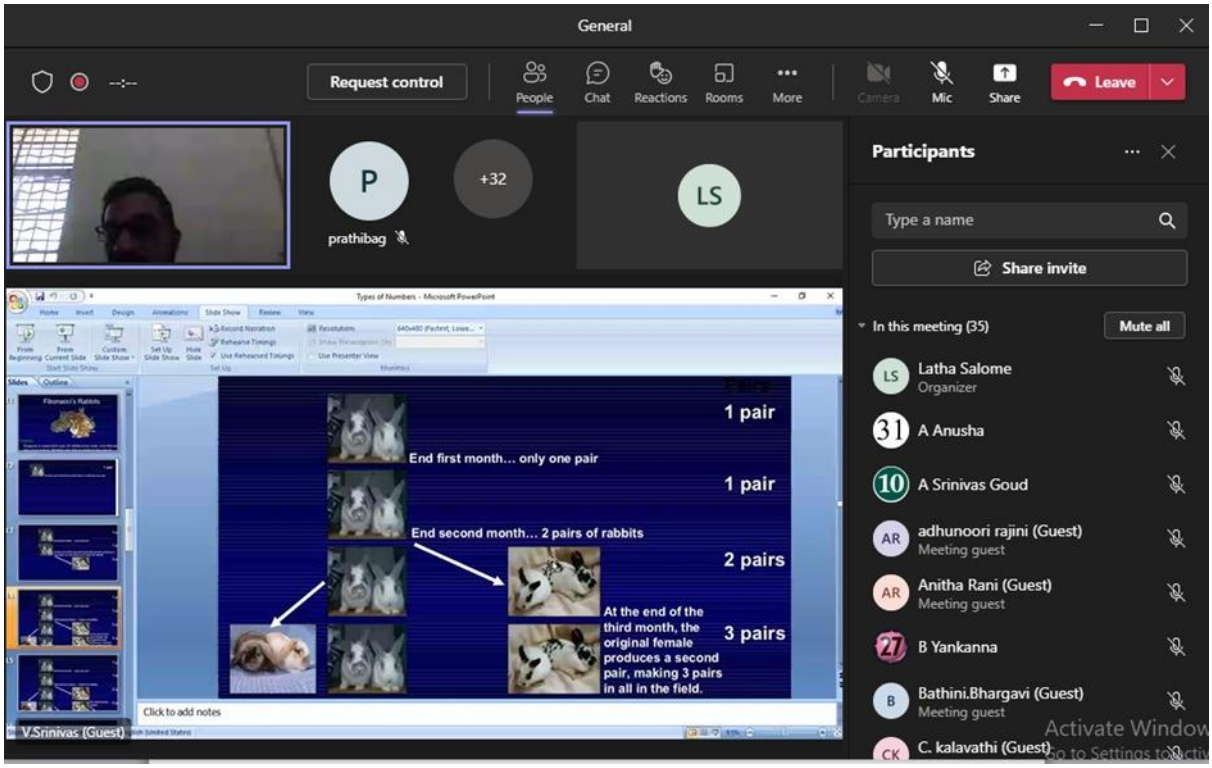
Latha Salome
Organizer
A Anusha
A Srinivas Goud
adhunoori rajini (Guest)
Meeting guest
Anitha Rani (Guest)
Meeting guest
B Yankanna
Bathini.Bhargavi (Guest)
Meeting guest
C. kalavathi (Guest)
x pi(x) x/log x x/(log x -1)
1000 168 145 169
10000 1229 1086 1218
100000 9592 8686 9512
1000000 78498 72382 78030
10000000 664579 620420 661459
100000000 5761455 5428681 5740304
So, actually x /(ln x – 1) is better estimate of number of primes.
Click to add notes
V.Srinivas (Guest)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In this meeting (35)
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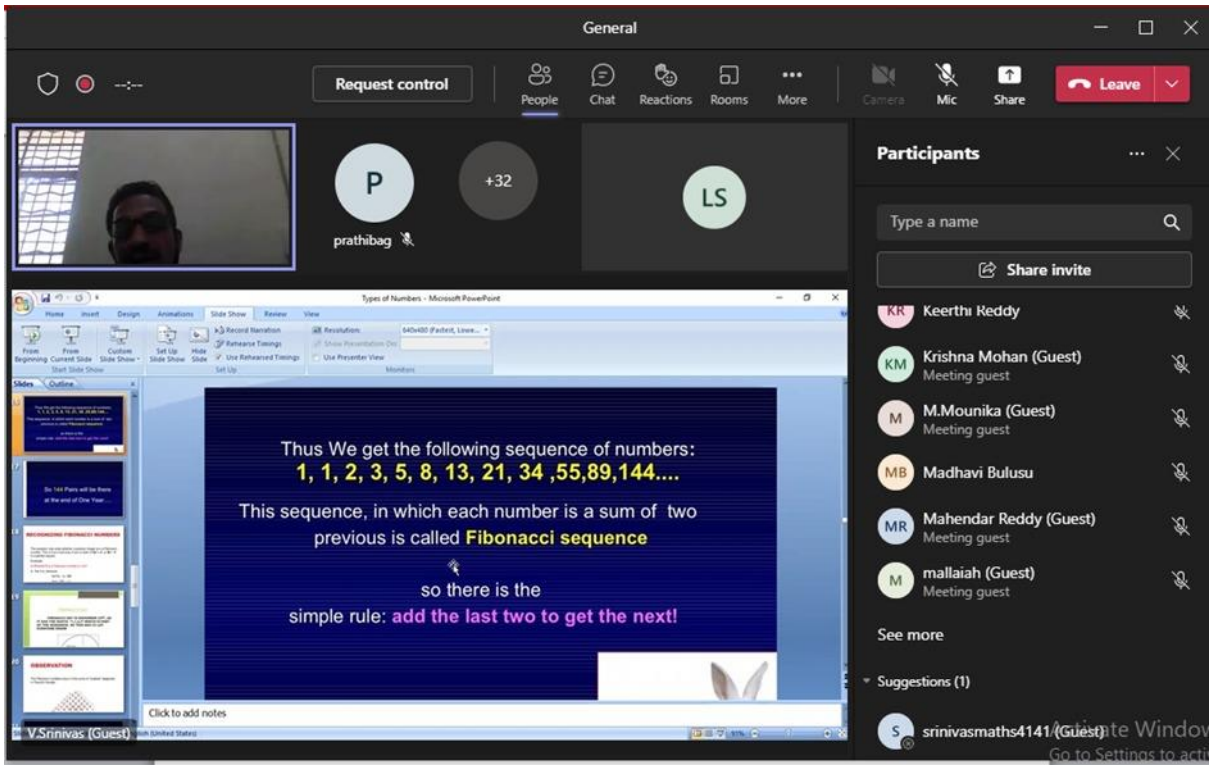
Anitha Rani (Guest)
Meeting guest
B Yankanna
Bathini.Bhargavi (Guest)
Meeting guest
C. kalavathi (Guest)
1 pair
End first month... only one pair
1 pair
End second month... 2 pairs of rabbits
2 pairs
At the end of the third month, the original female produces a second pair, making 3 pairs in all in the field.
3 pairs
Click to add notes
V.Srinivas (Guest)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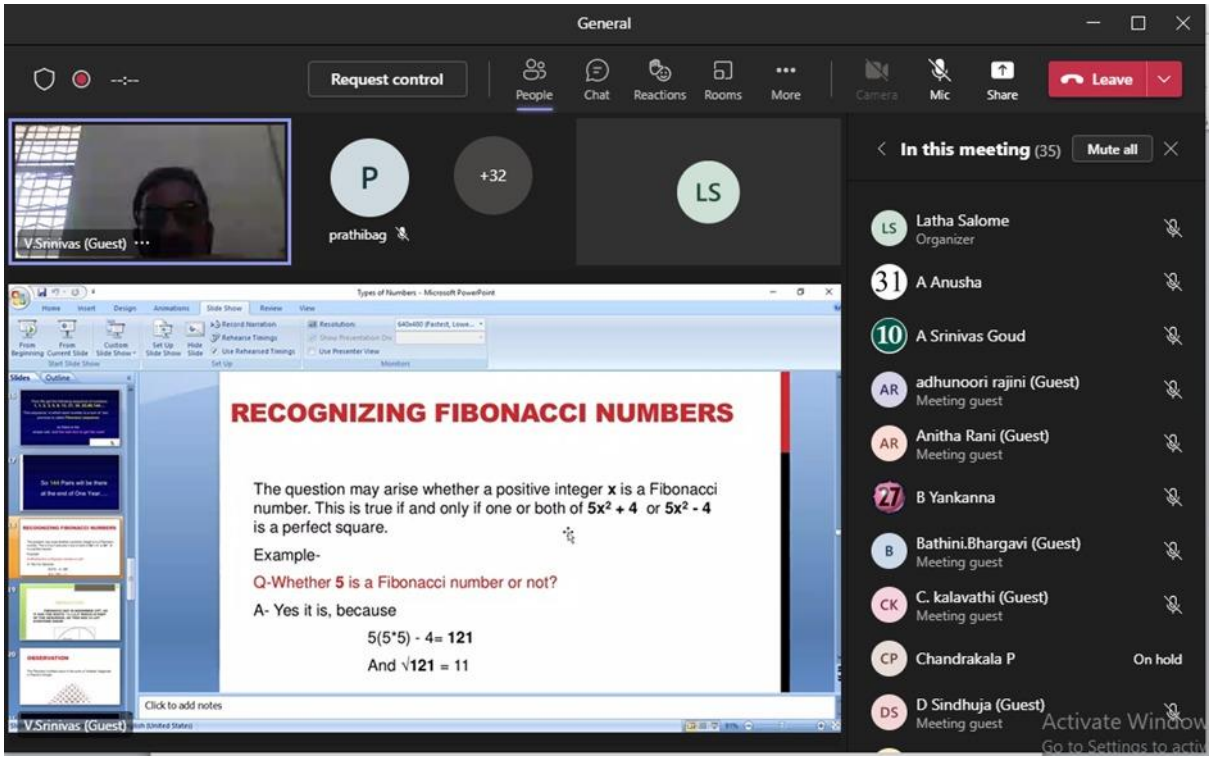
Keerthi Reddy
Krishna Mohan (Guest)
Meeting guest
M.Mounika (Guest)
Meeting guest
Madhavi Bulusu
Mahendar Reddy (Guest)
Meeting guest
mallaiah (Guest)
Meeting guest
See more
Suggestions (1)
srinivasmaths4141 (Guest)
Thus We get the following sequence of numbers:
1, 1, 2, 3, 5, 8, 13, 21, 34 ,55,89,144....
This sequence, in which each number is a sum of two previous is called Fibonacci sequence
so there is the simple rule: add the last two to get the next!
Click to add notes
V.Srinivas (Guest)



8. GUEST PROFILE (IF ANY)

Personal Profile

CURRICULUM VITAE

Dr. V.Srinivas

Flat No.105,Jayabharathi Towers
Near Bhashyam School,Dilsukh
Nagar Mobile: +91-
9440378294.

Educational Qualifications:

Ph.D. : Doctor of Philosophy from Osmania University, Hyderabad, 2001.

(Title of the Thesis: Generaizations of Certain Common Fixed Point Theorems
M.Sc. : Master of Science (Mathematics) with distinction(80%)
from ***Osmania University***, Hyderabad,1995

Teaching Experience: Total **20**years.

1) Assistant Professor of Mathematics in **Sreenidhi Institute of Science and Technology**, Ghatkesar since from 1999 to 2005.
2) Associate professor of Mathematics in **Sreenidhi Institute of Science and Technology**, Ghatkesar since from 2005 to 2013
3) Assistant Professor of Mathematics in UCSS,Hyderabad from 2013 to February 2022
4)) Working as Assistant Professor of Mathematics in UCS,Hyderabad from February 2022 to till date

Research Experience : TwoResarch scholarswere awarded Ph.D and 6 are doing .

Administrative Experience:
Worked as Head,Department of Mathematics,UCSS,O.U from 2018 -2020. Working as Placement Officer,UCSS,O.U from 2020 onwards
Worked as **Head** of Department of Arts and Science, **Sreenidhi Institute of Science and Technology from 2008 to 2012.**

Academic Achievements:

1) Winner of Gold medal in X Class at School Level.
2) Recipient of merit scholar ships in Intermediate and Degree Levels
3) Got 39th rank in Ed.CET.
4) **Qualified in NET conducted by CSIR**
5) Completed Research as JRF and SRF
6) **One of Research Papers is reviewed by AMS** and name is included in Bibliographic Files.
7) One of research papers is accepted at **International conference held at London,2008**
8) **Received 6 times Best teacher Award at SNIST**, based on the opinion of the students and the results of JNTU.
9. **National Conference:** Organized a National Conference on *NEW THRESHOLDS IN PURE & APPLIED MATHEMATICS* , July 13-14, 2009.

10) Engaged Mathematics, Probability & Statistics papers for MS course offered by WIPRO (WASE- Wipro Academy of Software Excellence) **in collaboration with BITS – PILANI** since August 2007
(11) **Organized two seminars at Mathematics Department,UCSS in the years 2018 and 2019 sponsored by TSCOST.**

(12) **Author** of a book "**Differential Equations and Laplace Transforms with Applications**" **Papers Taught at P.G.Level:**

Mathematical Analysis,Advanced Real Analysis,Elementary Number Theory Topology,Theory of ODE,General Measure Theory,Complex Analysis for M.Sc Probability and statistics and Operations Research forMCA.

Papers Taught at U.G. Level:

Engineering Mathematics – I, II, III, Mathematical Methods, Probability and statistics, Pre-Calculus, Calculus-I, Calculus-II .

International & National Conferences:

1) Presented a talk on "Generalization of Brian Fishers Fixed point theorem for a self map of compact metric space" in IX Congress of Andhra Pradesh Society for Mathematical Sciences held at Srikakulam,23-25th February 2001.

2) Presented a talk on "A Generalization of Common Fixed point theorem for Four self maps of a compact metric space" in XI Congress of Andhra Pradesh Society for Mathematical Sciences held at Tirupathi,31-2nd February 2003.

3) Presented a talk on "Generalization of a Common Fixed point theorem" XII Congress of Andhra Pradesh Society for Mathematical Sciences held at Osmania University ,Hyderabad,12-14th December 2003.

4) Presented a talk on A Fixed point theorem on a pairs of a reciprocally continuous self maps" in National Conference Number Theory ,Fixed Point Theory and Their applications, Osmania University
,Hyderabad,30- 31st August 2007.

5) Accepted for a talk on " A Fixed Point Theorem On Four Self Maps Under Weakly Compatible "
,International Mathematical Conference held at London ,2-4th July 2008.

6) Presented a paper on "A Fixed Point Theorem on Pairs of Reciprocally Continuous Self Maps", National Conference on New Thresholds in Pure and Applied Mathematics, 13-14th July,2009.

7. Presented a talk on "A Fixed point theorem Under a New Conditon" in XVI Congress of Andhra Pradesh Society for Mathematical Sciences held at Hyderabad,8th -10th December, 2007

8. Presented a talk on "A Generalization of Common Fixed point theorem for Four self maps of a Complete Metric Space" in VIII Congress of Andhra Pradesh Society for Mathematical Sciences held at Kakinada,29th - 30th January, 2000.

9. Participated as the chair of the panel session at the International Conference in Recent Trends in Mathematics and its Applications (ICRTMA- 2021) held on 2nd and 3rd December 2021, organised by the Department of Mathematics, School of Science, GITAM Deemed to be University, Bengaluru, Karnataka, India.

10. Participated and presented a paper titled "A COMMON FIXED POINT THEOREM IN HILBERT SPACE" in the International Conference on Recent Trends in Mathematics and its Applications (ICRTMA- 2021) held on 2nd and 3rd December 2021, organized by the

Department of Mathematics, School of Science, GITAM Deemed to be University, Bengaluru, Karnataka,

List of Research Publications (National & International Journals):

1. "A Generalization of Djoudi's Common Fixed Point Theorems" International. J. of Math. Sci & Engg. Appls. (IJMSEA) Vol.1 No.2 (2007), pp.229-238**. (Zbl 1160.54321) Zentralblatt MATH Database**
   .

2 "A Result on a Common Fixed Point Theorem" Indian Journal of Mathematics and Mathematical Sciences,Vol.3, No.2 (2007), pp.149-159. (**Zbl 1171.54334) Zentralblatt MATH Database.**

3."A Fixed Point Theorem of Compatible mappings of type(P)" Bulletin of Pure and Applied Science, Vol.25E (No.2) 2006. P.231-236. (**Zbl 1227.54054) Zentralblatt MATH Database .**

4. "Fixed point Theorem Using Reciprocally Continuous Mappings" Varahmihir Journal of Mathematical Sciences, Vol.6, No.2, 2006, p:487-492**. (Zbl 1137.54332) Zentralblatt MATH Database .**

5." A Fixed point theorem on pairs of reciprocally continuous self maps" Indian Journal of Mathematics and Mathematical Sciences, vol.3, No.2, (December 2007), pp.207-215. **(Zbl 1171.54335) Zentralblatt MATH Database.**

6. "A Generalization of Sharma and Sahu Fixed Point Theorem" Journal of Indian Acad. Math., Vol.29 (No.1) 2007.**Indian Science Abstracts (012007), N0.13,vol.44, July, 2008.**

7. "Fixed Point Theorem on Discontinuous Mappings" Acta Ciencia Indica,Vol.XXXII M, No.4, P.1417- 1421,2006.

8. "A Fixed Point Theorem under Reciprocally Continuous Mappings" Acta Ciencia Indica, Vol.XXXII M, No.3, P.1121-1125, 2006. **Indian Science Abstracts (015903), vol.43, August, 2007.**

9. "A Generalization of Das and Naik's Theorem for Two Self Maps" APPLIED SCIENCE PERIODICAL, Vol.XI, No.2, 2009.

10. "A Common Fixed Point Theorem for Four Self Maps" The Mathematics Education, Vol.XL, No., P: 99- 104, 2006. **Indian Science Abstracts (021119), No.21, Vol.43, Nov., 2007. (ZMATH 2007b. 00406).**

11. "Common Fixed Point Theorem of Compatible mappings of type(A) Using Reciprocally Continuous Mappings" Bulletin of Pure and Applied Sciences, Vol.25E (No.1) 2006, P.225 - 230.

12. "A Common Fixed point Theorem for Three Self Maps" The Mathematics

Education, Vol.XL, No.3, 2006.P.180- 186. **(ZMATH 2008a.00414 Math Educ Database).**

13. "A Fixed Point Theorem for Weakly Compatible Mappings" International. J. of Math. Sci & Engg. Appls. (IJMSEA) Vol.1 No.1 (2007), pp.41- 48. **(Zbl 1160.54322) Zentralblatt MATH Database.**

14. "Common Fixed Point Theorem for Weakly Compatible Mappings" Indian. Journal of Mathematics & Mathematical Sciences, Vol.3 No.2 (2007), pp.171- 179. **(Zbl 1171.54333) Zentralblatt MATH Database.**

15. "Common fixed point of four self maps", International Journal of Mathematics Research, vol.3,no.2,113- 118, July-December 2011.

16. "A common fixed point theorem under certain conditions" Gen. Math. Notes, Vol.8, No.2, February, 2012, pp: 28-33.

17. " A Focus on common fixed point theoem using weakly compatible mappings" Mathematical Theory and Modeling,. Vol.2, No.3, 2012, pp: 60-65.

18. "A common fixed point theorem in fuzzy metric space", Katmandu University Journal of Science, Engineering and Technology, (ISSN-1816-8752),Vol 8,No II,pp.77-82,2012

19. "A Note on a Fixed Point Theorem of Brian Fisher", Math.Education,Vol XXXIX,No1,March 2005,MR 2136764

20. "A Generalization of Singh and Singh Common Fixed Point Theorem" Math.Education,Vol XL,No3,September, 2006, **(ZMath 2008a.00415) Zentralblatt MATH Database.**

21. A Generalization of Fisher Fixed Point Theorem, Math.Education,Vol XL,No4,March 2005, **(ZMath 2008e.00394) Zentralblatt MATH Database.**

22. " Analysis on a common fixed point theorem",IOSR Journal of Mathematics,Vol 5 pp-1-4,2013

23. A Common fixed point theorem using weakly compatible mappings on six self maps,International Journal of Pure and Applied Sciences,Vol 6,No 2 ,pp.247-251,2013

24. A Conclusion on Common fixed point theorem,International Journal of Mathematical Archive,Vol 4,No 6,pp.1-5,2013

25. Common fixed point theorem on six mappings,International Journal of Theoretical and Applied Sciences,Vol5(1),pp.97-104,2013

26. Common fixed point theorem using A-Compatible and S-Compatible Mappings,International Journal of Theoretical and Applied Sciences,Vol5(1),pp.104-108,2013

27. A Comment on DJoudis fixed point theorem,International Journal of Computer Applications,Vol 69,No 10,pp.29-31,2013

28. Inference of a Common fixed point theorem,International Journal of Theoretical

and Applied Sciences,Vol 71,pp.1-4,2013
29. A Common fixed point of four self maps using weaker conditions,Journal of computer &Math.Sci.Vol 4(3),pp.161-166,2013
30. A result in Fuzzy Metric space,Advances in Fuzzy Mathematics,Vol 8,No1,pp 63-71,2013.
31 .A Common Fixed Point Theorem on Lohani and Bhadshah'' International Journal of Mathematics Trends and Technology – Volume 9 Number 1 – May 2014.
32. ''A Fixed Point Theorem In Fuzzy Metric Space Using Weakly Biased Maps'' Int. Journal of Engineering Research and Applications www.ijera.com ISSN : 2248-9622, Vol. 4, Issue 9(Version 3), September 2014, pp.26-30
33. A Common Fixed Point Theorem on Compatible Mappings of Type (P)." *Gen* 21.2 (2014): 87-94.
34. "Djoudi's common fixed point theorem on compatible mappings of type (P). " *Annals of pure and Applied Mathematics* 6.1 (2014): 19-24.
35. Common fixed point theorem in fuzzy symmetric spaces,- Eng. Math. Lett., 2015

36. Fixed Point Theorem on Compatible Mappings of Type (E)'' International Journal of Theoretical & Applied Sciences, 8(2): 69-73(2016).

37."A result on multiplicative metric space." *J. Math. Comput. Sci.* 10.5 (2020): 1384-1398.
38. "A fixed point theorem using weakly semi compatible mappings in metric space." *International Journal of Mathematical Analysis* 11.15 (2017): 695-706.
39. A common fixed point theorems on fuzzy metric space using weakly compatible and semi-compatible mappings." *Int. J. Math. Stat. Invent* 4 (2016): 27-31.
40.A Study on Fixed Point Theorem of Brian Fisher and Others." (2016).

41.Common fixed point theorem using compatible mappings of type (E)." *Adv. Fixed Point Theory* 7.2 (2017): 296- 303.
42. A result on fixed point theorem using compatible mappings of type (K)." *Annals of Pure and Applied Mathematics* 13.1 (2017): 41-47.
43."Extraction of a fixed point theorem using semi compatible mappings in metric space." *Indian J. Math. Math. Sci* 13.2 (2017): 433-443.
44.Formation of a common fixed point theorem using compatible mappings of type (E)." *AryaBhatta Journal of Mathematics & Informatics* (2017).
45. Fixed Point Theorem on Fuzzy Metric Space Using Reciprocally Continuous." *Journal of Computer and Mathematical Sciences* 8.8 (2017): 373-379.
46. "Generation of a common fixed point theorem using A-compatible and B-compatible mappings of type (E)." *Global Journal of Pure and Applied Mathematics* 13.6 (2017): 1735-1744.

47. "A discussion on a common fixed point theorem on semicompatible mappings." *Adv. Inequal. Appl.* 2018 (2018): Article-ID.
48. "A common fixed point theorem for four mappings in fuzzy metric space." *International Journal of Engineering, Science and Mathematics* 7.1 (2018): 98-104
49. 'Fixed Point Theorem For Pair of Weakly Compatible Mappings Using CLRT

Property. Int. J. Math. And Appl., 6(1–E)(2018), 1159–1163

50. "Common fixed point theorem in dislocated metric space." *Adv. Inequal. Appl.* 2019 (2019): Article-ID.
51. Common fixed point theorem in dislocated metric space, **Adv. Inequal. Appl., 2019**
52. "Fixed Point Results on Multiplicative Semi-Metric Space." *Journal of Scientific Research* 12.3 (2020): 341- 348.
53. "A fixed point theorem using EA property on multiplicative metric space." *J. Math. Comput. Sci.* 10.5 (2020): 1788-1800.
54. "A result on Banach Space using Property EA Indian Journal of Science and Technology 13 (44): 4490-4499." (2020).
55. "Some results in multiplicative metric space using absorbing mappings." *Indian Journal of Science and Technology* 13.39 (2020): 4161-4167.
56."Fixed point theorem using semi compatible and sub sequentially continuous mappings in Menger space." *J. Math. Comput. Sci.* 10.6 (2020): 2503-2515.
57. "SOME RESULTS ON S-METRIC SPACE." Advances in Mathematics: Scientific Journal 9 (2020), no.9, 7663–7677.
58. "Some results on weaker class of compatible mappings in S-metric space." *Malaya Journal of Matematik (MJM)* 8.3, 2020 (2020): 1132-1137.
59. "A result on Banach space using EA like property." Malaya Journal of Matematik, Vol. 8, No. 3, 903-908, 2020.
60. "Some outcomes on b-metric space." *J. Math. Comput. Sci.* 10.6 (2020): 3012-3025.
61. "Some results in Menger space by using sub compatible,faintly compatible mappings." *Malaya J, Mat* 9 (2021): 725-730.
62. "Certain results in b-metric space using subcompatible, faintly compatible mappings." *J. Math. Comput. Sci.* 11.6 (2021): 8382-8399.
63. "Common fixed point of four maps in Sm-metric space." *International Journal of Analysis and Applications* 19.6 (2021): 915-928.
64. "Some Results by Using CLR's-Property in Probabilistic 2-Metric Space." *International Journal of Analysis and Applications* 19.6 (2021): 904-914.
65. "Fixed Point Theorem With The CLR's Property and OWC Mappings in Menger Space." *Communications in Mathematics and Applications* 12.3 (2021): 409-508.
66. "Some Extractions of Fixed Point Theorems Using Various EA Properties." *Communications in Mathematics and Applications* 12.3 (2021): 445-456.
67."A result on Banach space using common limit range property". Advances and Applications in Mathematical Sciences Volume 21, Issue 1 2021, Pages 3413-3426.
68."Result on b-metric space using alpha compatible mapping." *Ratio Mathematica* 41 (2021): 28.
69."Some Results of Conditionally Sequential Absorbing and Pseudo Reciprocally Continuous Mappings in Probabilistic 2-Metric Space." *International Journal of Analysis and Applications* 20 (2022): 12-12.
70. "Some results on weakly semi compatible mappings in fuzzy metric space." *J. Math. Comput. Sci.* 12 (2022).
71."An Affirmative Result on Banach Space." *International Journal of Analysis and Applications* 20 (2022): 2-2.
72."Outcomes of Common Fixed Point Theorems in S-metric Space" Mathematics and Statistics, 10(2022), 160- 165.

Work Shops & Training Programs:

1) Participated in the SPSS 15.0 (Software Package for Social Sciences) Training program (11th – 13th July- 2007) organized by South Asia and School of Management Studies, Jawaharlal Nehru Technological University, Hyderabad.

2) Participated in the Three day work Shop on "*Environment & Pollution*" (June 21st -23rd , 2007) jointly organized by Dept. of Bio-Technology & School of Management Studies SNIST, Institute of Science and Technology, JNTU (Hyderabad), O.U.College of Technology, Hyderbad, JNTU College of Engineering, Hyderbad and RGM College of Engineering and Technology.

3)Coordinator of the Refresher Course (Teachers Training Program) conducted on Engineering Mathematics-I under Faculty Development Program is jointly organized by JNTUH and SNIST, sponsored by Andhra Pradesh State Council of Higher Education from 30th July to 04th August, 2012.

4) Delivered 2 lectures on Laplace Transforms and Applications of Laplace Transforms in the Refresher Course of Engineering Matheatmatics-I, Jointly organized by JNTUH and SNIST from 30th July- 04th August, 2012.

5) Organized a 5day workshop, Faculty Development Program on MATHEMATICS FOR ENGINEERS under TEQIP-II from 30th January to 2nd February, 2013.

6) Delivered 3 lectures on Applications of Ordinary Differential Equations,Curve Tracing Laplace Transforms and Applications of Laplace Transforms MATHEMATICS FOR ENGINEERS under TEQIP-II from 30th January to 2nd February, 2013.

7) Organized a 3day workshop, Faculty Development Program on APPLICATIONS OF STATISTICS IN ENGINEERING under TEQIP-II from 4th – 6th February, 2013.

8) Delivered a lecture on CURVE TRACING on 27th August to 2nd February, 2014 at Government Degree college for Women,Begumpet,Hyderabad.

9) Delivered a lecture on "MEASURES OF DISPERSION'' and "BINOMIAL EXPANSION" in the orientation program for junior lectuers as Resource person on 26th November,2015 at KPM Government junior college(Boys),Nalgonda,Telangana.

10) Delivered 2 lectures as Resource person two sessions for the three day training program for junior lecturers of Mathematics held from 03.12.2015 to 05.12.2015 & 14.12.2015 to 16.12.2015 in two spells at professor Jayashankaqr Institute of Telangana,Intermediate staff training Academy conductedby Department of Intermediate Education,Hyderabad,Telangana.

11) Delivered guest lecture on CRYPTOGRAPHY & ITS APPLICATIONS on 19thto

23rd December, 2016 at Department of Computer Science & Engineering,University College of Engineering(A),Osmania University,Hyderabad.

12) Delivered guest lecture on "Mathematics for Researchers in Cryptography"held from 20-07-2017 to 22-07- 2017 at Department of Computer Science & Engineering,University College of Engineering(A),Osmania University,Hyderabad.

13) Delivered guest lecture on "Mathematical Foundations for Cryptography and its Applications" held on 12th October 2018at Department of Science &Humanities, Sreenidhi Institute of Science and Technology,Hyderabad.

14) Organized a One day Seminar on "NEW TRENDS IN PRESENT MATHEMATICS AND STATISTICS" under DST,Govt.of India under the National Mathematics Day Celebrations Co-ordinated by Telangana State Council of Science & Technology (TSCOST),HOSTED BY Department of Mathematics,University Post-Graduate College,Secunderabad,Osmania University,Hyderabad on 26th September, 2018,at Seminar Hall,P.G. Block,UPGCSOU.

15) Delivered a lecture in One day Seminar on "CURRENT TRENDS AND ITS APPLICATIONS IN MATHEMATICS" under DST,Govt.of India under the National Mathematics Day Celebrations Co- ordinated by Telangana State Council of Science & Technology (TSCOST),HOSTED BY Department of Mathematics,University Post-Graduate College,Secunderabad,Osmania University,Hyderabad on 24th October, 2018.

16) Delivered guest lecture on "Number Theory'' held on 22nd January,2019 for the event ABSCISSA-2K19 at Avanthi Degree & P.G College,Barakatpura, Hyderabad,Telangana.

17) Organized a One day Seminar on "Application of Ancient and Modern Mathematics" a program catalyzed and supported by National Council for Acience & Technology Communications(NCSTC),DST,Govt.of India under the National Mathematics Day Celebrations Co-ordinated by Telangana State Council of Science & Technology (TSCOST),HOSTED BY Department of Mathematics,University Post-Graduate College,Secunderabad,Osmania University,Hyderabad on 8th February, 2019,at Seminar Hall,P.G. Block,UPGCSOU.

18) Delivered guest lecture on "Number Theory and its Applications'' held on 2nd March,2019 at Department of Mathematics, Tara Govt.College,Sangareddy,Telangana.

19) Delivered guest lecture on "Number Theory and its Applications'' held on 20th April,2019 at SARDAR PATEL COLLEGE,Secunderabad,Telangana.

20) Delivered guest lecture on "Fundamentals of Graphs'' held on 20th May,2020 through online platform for Andhra Vidyalaya Post Graduate Centre,Hyderabad,Telangana.

21) Delivered online guest lecture on "Number Theory and its Applications'' held on 21st May,2020 through online platform for Andhra Vidyalaya Post Graduate Centre,Hyderabad,Telangana.

22) Delivered online guest lecture on "Application of Number Theory and Cryptography'' held on 8th July, 2020 for Department of Mathematics, CBIT,Hyderabad.
23) Delivered online guest lecture on "Application of Number Theory and Its Applications'' held on 18th September, 2021 for Department of Mathematics, Hindi Mahavidyalaya,Nallakunta,Hyderabad,Telangana.
24) Delivered an Extension Lecture on Graphs of Functions and their Properties on 16th December,2021 for Department of Mathematics, Vivekananda Government Degree College,Vidyanagar,Hyderabad,Telangana.

9. FEED BACK IF ANY

Feedback from the Participants:S.No.	**Name of the Participant**	**Contact No.**	**EMail ID**	**How would you rate the Resource Person for the knowledge he possess about the topic**	**How much you have benefited by the work shop**	**Is the works hop motivated you towards Research in Mathematics**	**Suggest a topic for the next works hop**
1	A Sandhya Rani	9000109687	sandhyarania@adc.edu.in	5	5	5	_
	P. Chandrakala	9100000533	chandrakalap@adc.edu.in	5	5	5	Fluid dynamics
3	B. Madhavi	9100000547	madhavibulusu@adc.edu.in	5	5	5	Cryptology
4	Dr. Meera Joshi	9866228635	Meerajoshi@adc.edu.in	3	3	3	Optimization
5	K. Sravani	7995702058	sravanikadaveru123@gmail.com	4	5	5	Probability
6	Ajumera Anusha	9573398048	anushaanu7003@gmail.com	5	5	5	Calculus
7	Balaji Kosuri	6300202215	balajikosuri2@gmail.com	5	4	4	NA

8	G.Nagaraju	8142873232	guntinagaraju3232@gmail.com	4	5	5	NA
9	Yash Dand	9885942000	yashdand15@gmail.com	5	5	5	Sequence and series of functions
10	M.Mounika	9392398740	1017mounika@gmail.com	5	5	5	Differential eqs
11	Mamidivarjala Kalyani	9440829092	kalyanimamidivarjala23@gmail.com	4	4	5	Practical Mathematics in daily life
12	K.S.Prasanna Laxmi	8919081526	Prasannalaxmi1012@gmail.com	5	5	5	Pratical mathematics in daily life
13	Adhunoori rajini	6304585421	adhunoorirajini@gmail.com	5	5	5	Number theory
14	Adhunoori rajini	6304585421	adhunoorirajini@gmail.com	3	3	4	Practical mathematics in daily life
15	P.srilatha	6281394498	peddagollasrilatha777@gmail.com	5	5	5	Practical mathematics in daily life
16	Marrapu Bhargavi	7993436168	marrapubhargavi@gmail.com	4	4	4	Practical mathematics in daily life

17	C. Kalavathi	8374207203	kalavatikala93@gmail.com	5	5	5	Practical Mathematics in daily life
18	C.Kalpana	7093448517	ckalpana199@gmail.com	4	5	5	practical mathematics in daily life
19	G. Anitha Rani	9573309137	anithagaikwad657@gmail.com	5	5	5	Practical mathematics in daily life
20	Dinne Sindhuja	8328489802	dsindhujareddy027@gmail.com	4	4	4	Number theory
21	Thanneru Vasavi	9000246981	thanneruvasavi1999@gmail.com	5	5	5	Practical mathematics in daily life
22	Nagula Manisha	8374246116	murthy04109157@gmail.com	5	5	5	Practical mathematics in daily life

10. ATTACHMENTS:

Chikkadpally, Hyderabad 500020
Department of Mathematics

Event Proposal

Event Name: Workshop

Event Title: Number Theory and Its Applications

Faculty coordinators: Ms. G. Prathibha & M. Latha Salome

Date & Venue: 06-04-2022 & Aurora's Degree and PG College

Target audience: M.Sc. Mathematics

Level: National Level

Budget: Nil

Student volunteers: No one

Objectives:

- To aware the students about Applications on Number Theory.
- To orient the students on the significance and importance of Number theory in day to day life.
- To motivate the students towards research in mathematics.

Activities Proposed: A Lecture workshop on "Number Theory and Its Applications"

Resource Person: Dr. V.Srinivas, Assistant Professor, Dept. of Mathematics, UCS, Hyderabad.

He is a Doctorate from OU, now working as Asst. Prof. of Mathematics in UCS, Hyderabad.

Qualified CSIR NET in Mathematics and received 6 times best teacher award at SNIST. He has 20 years of teaching experience in teaching UG &PG. Two students are awarded Ph.D. and 6 students are under his guidance.

Mode of Event: Online mode – Microsoft Teams

Signature of Head **Signature of IQAC Convener** **Signature of Principal**

Acceptance of the Proposal:

Aurora's Degree & PG College
(Accredited By Naac With 'B++' Grade)
Chikkadpally, Hyderabad 500020
Department of Mathematics

Event Proposal

Event Name : Lecture Workshop on "Number Theory and its Applications"

Faculty Coordinators: Ms.G.Prathibha & M. Latha Salome

Date : 06-04-2022

Target audience : M.Sc. Mathematics

Level : National Level

Budget : Nil

Student volunteers : No one

Objectives:

- To make the students understand the Applications of Number Theory in real life.
- To inspire the students towards research in mathematics.
- To explore research topics in Number Theory.

Activities Proposed: A lecture workshop on "Number Theory and its Applications"

Resource Person: Dr. V. Srinivas

He is a doctorate from Osmania University. Now working as Assistant Professor of Mathematics in UCS, Hyderabad. Qualified CSIR NET in Mathematics received 6 times best teacher award at SNIST. Sir has 20 years of teaching experience in teaching UG and PG courses. He is guiding 6 students for PhD Programme and two other students are already awarded.

Mode of Event: Online mode – Microsoft Teams

Signature of Head

Signature of IQAC Convener 01/04/22

Signature of Principal

EVENT / ACTIVITY NOTICE:

Aurora's Degree & PG College

(Accredited by NAAC with 'B++' Grade)

Internal Quality Assurance Cell (IQAC)

Department of Mathematics

is Organizing

WORKSHOP ON

Number Theory and Its Applications

Resource Person

Dr. V Srinivas

Assistant Professor

Department of Mathematics

UCS, Hyderabad

Wednesday, April 6 , 2022, 02:30 pm – 03:30 pm (IST)

- Connect @ Microsoft Teams
- Session ID will be shared to registered email address
- E-Certificate will be provided

Coordinators

G Prathibha, Associate Professor

M Latha Salome, Associate Professor

Department of Mathematics

Contact @ 9100000597

Free Registration:

https://forms.gle/mCG5eKcf1e5Ru9Kc7

Aurora's Degree & PG College, Chikkadpally, Hyderabad -500020

Tel: 040-27662668 URL: www.adc.edu.in

Registration Link: **https://forms.gle/9gDLdinCpCdKTuwD9**

Meeting Record Link:

https://adcedu.sharepoint.com/sites/LectureWorkshoponNumberTheoryanditsApplications/Shared%20Documents/General/Recordings/Meeting%20in%20_General_-20220406_143751-Meeting%20Recording.mp4?web=1

Feedback Link:

https://forms.gle/QLcWpLiFM29faoRu5

RECEIPTS (IF ANY): Nil

CERTIFICATES (IF ANY): Nil