

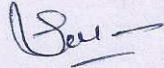
DEPARTMENT OF MATHEMATICS

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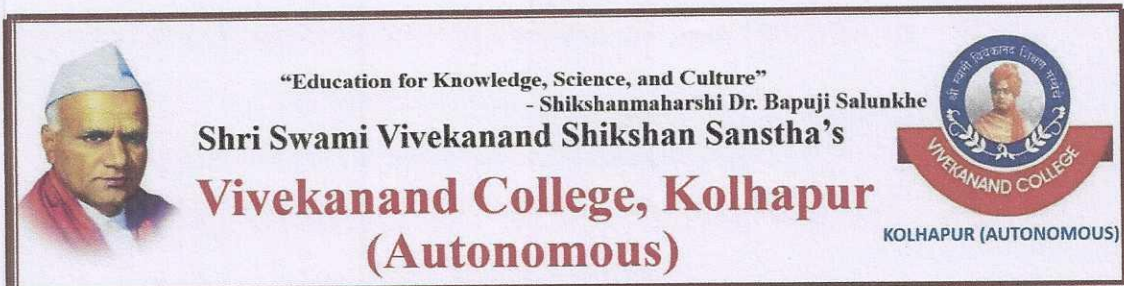
Webinar On Fuzzy Logic : 2020-21

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(Prof. S. P. Potankar)
HEAD
Department of Mathematics
Vivekanand College, Kolhapur

Date : 25/12/2020



Department Of Mathematics

Webinar: 2020- 2021

Notice

All the students of B.Sc. I, B, Sc, II, B. Sc III (Mathematics) and M.sc, I M.Sc. II (Mathematics) are hereby informed that as per your curriculum study webinar on **Fuzzy Logic for basic research in Electronics**, Mathematics and Statistics by Prof. Dr. R.R. Mudholkar (Former Prof. Dept. of Electronics, Shivaji University, Kolhapur) is arranged on 29/12/2020 on Google meet platform at 011:30 am. You are expected to be present on time.



(Mr. S. P. Patankar)
HEAD

Department of Mathematics
Vivekanand College, Kolhapur

Webinar Fuzzy logic 22/12/2020

Date: 22/12/2020

To,
The Principal,
Vivekanand College, Kolhapur (Autonomous)


Sub: Permission to organize webinar on "Fuzzy logic for basic research in Electronics, Statistics and Mathematics"

Respected Sir,

Department of Electronics, Statistics and Mathematics have organized webinar on "Fuzzy logic for basic research in Electronics, Statistics and Mathematics" by Prof. Dr R.R. Mudholkar Former professor Dept of Electronics, Shivaji University Kolhapur on Tuesday, 29th December 2020. So please give the permission for the same.

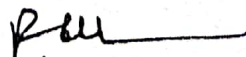
Thanking You,

Yours Faithfully



Head

Department of Electronics
Vivekanand College, Kolhapur



Head

Department of Statistics
Vivekanand College, Kolhapur



HEAD

Department of Mathematics
Vivekanand College, Kolhapur

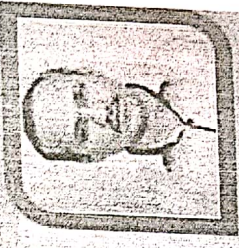
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22/12/20

Education for Knowledge, Science and Culture
Shikshanmaharshi Dr. Bapuji Salunkhe



SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S
VIVEKANAND COLLEGE, KOLHAPUR (AUTONOMOUS)

A webinar on
**"Fuzzy logic for Basic Research in Electronics,
Mathematics & Statistics"**



Resource person: Prof. Dr. R. R. Mudholkar
Former Professor Department of Electronics
Shivaji University, Kolhapur

Organized by
Department of Electronics, Mathematics & Statistics

Invitees:	Coordinators:	Organizing Committee:
Dr. R. R. Kumbhar	Mr. D. M. Panhalkar	Mr. N. P. Mote
Principal,	Mr. P. R. R. Bagade	Mr. M. S. Patil
Vivekanand College,	Mr. S. P. Patankar	Mrs. P. S. Jadhav
Kolhapur (Autonomous)	Ms. V. V. Pawar	
	Mr. S.T. Sutar	

Date: Tuesday, 29/12/2020
Time: 11.30 AM-1.00 PM





" Education for Knowledge, Science and Culture."
- Shikshanmaharshi Dr. Bapuji Salunkhe



SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S
VIVEKANAND COLLEGE, KOLHAPUR (AUTONOMOUS)

A webinar on
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Resource person: Prof. Dr. R. R. Mudholkar
Former Professor Department of Electronics
Shivaji University, Kolhapur



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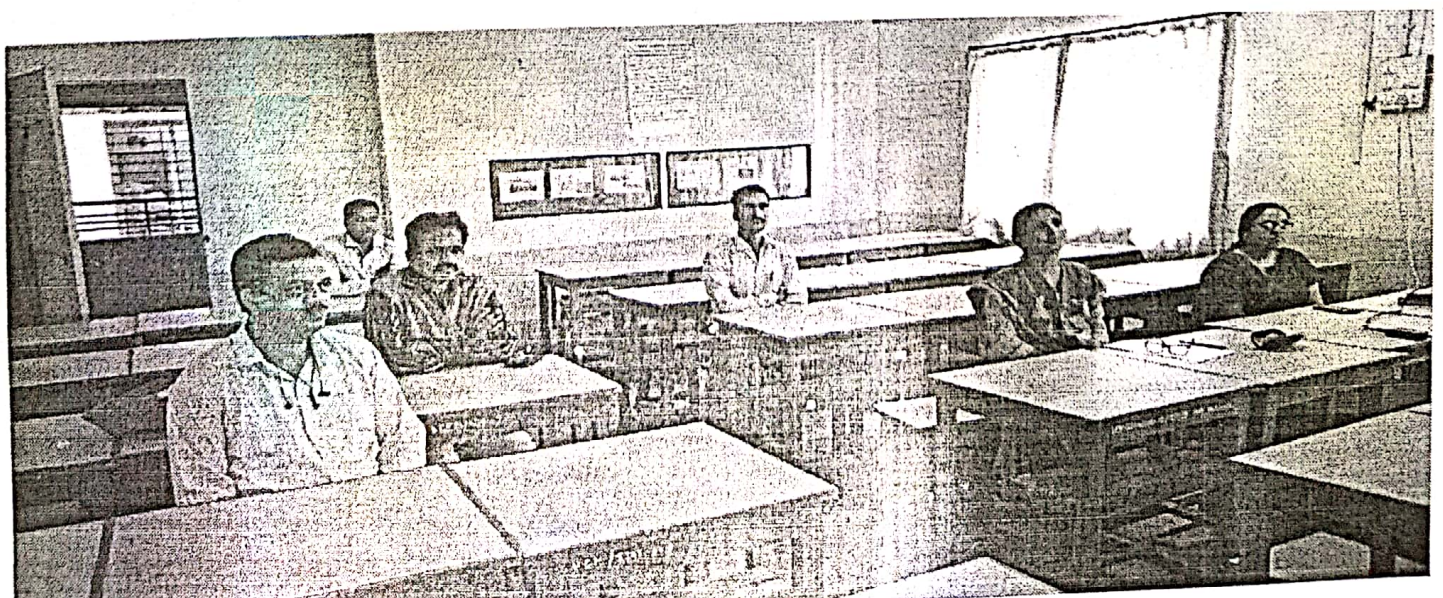
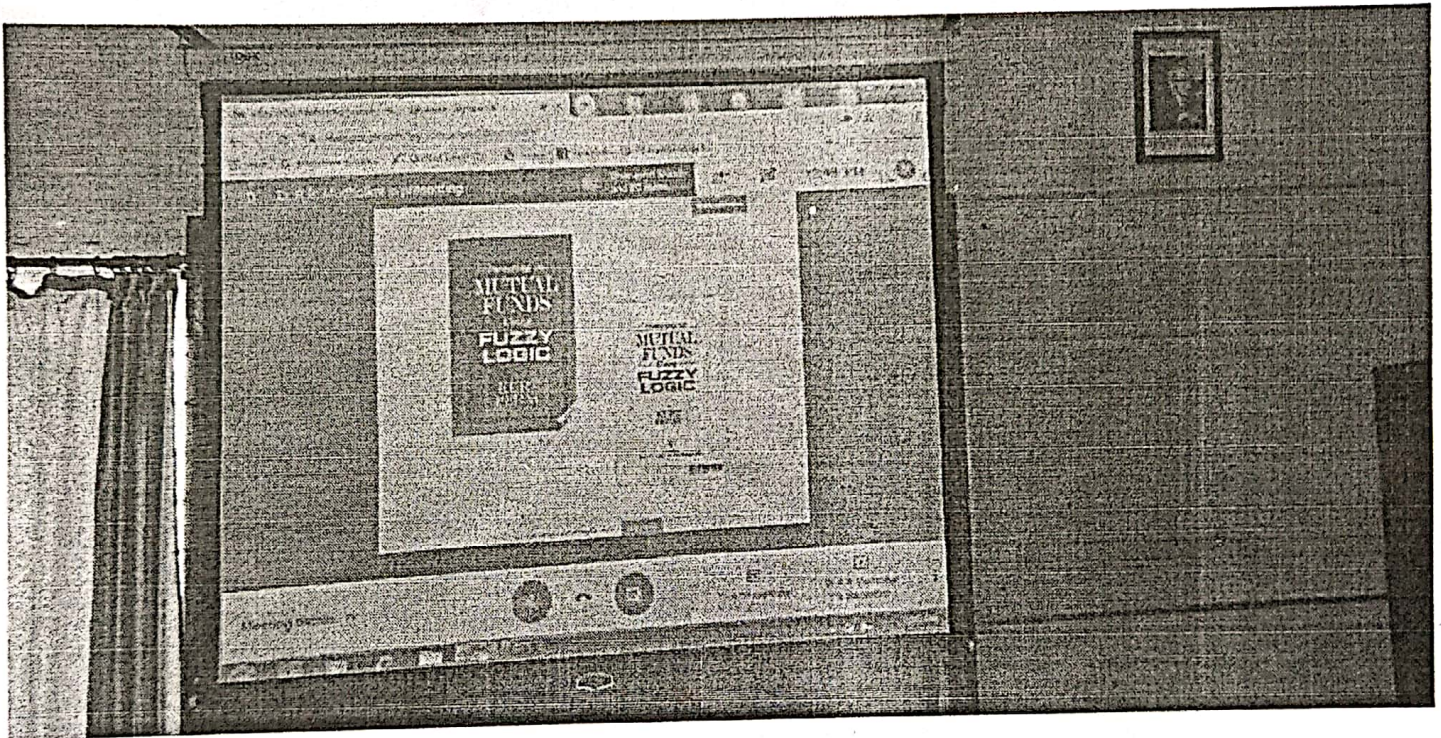
Organizing Committee:
Mr. S. P. Patankar
Ms. V. V. Pawar
Mr. S.T. Sutar

Mr. N. P. Mote
Mr. M. S. Patil
Mrs. P. S. Jadhav

Registration link: <https://forms.gle/sDCGsMCmmb91HPHr8>

Date : Tuesday, 29/12/2020
Time : 11.30 AM- 1.00 PM

Google meet link: <https://meet.google.com/fpy-xcie-ijk>





“Education for Knowledge, Science, and Culture”
- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur
(Autonomous)



2020-21

Report: Webinar

1. **Name of Department** : **Mathematics**
2. **Name of Organized Activity** : **Webinar On Fuzzy Logic for basic research in Electronics, Mathematics and Statistics**
3. **Date/ Duration** : **29/12/2020**
4. **Aims and Objectives** :
 1. To inspire students toward research.
 2. To introduce students Fuzzy Logic.
5. **No. of beneficiaries** : **Total = 75**
6. **Expenditure & funding agency** : **Nil**

7. Brief description:

Department of Electronics, Mathematics, Statistics and IQAC, Vivekanand College, Kolhapur had organized a Webinar for the B.Sc. I, II and III and M.Sc. Mathematics students and faculty members of Electronics, Mathematics and Statistics on 29/12/2020 at 11.30 AM. The primary goal of the activity was 1) Introduction of Fuzzy Logic for Basic Study in Electronics, Mathematics and Statistics 2) To know its applications and 3) To enhance research area. The chief guest of the program was Prof. Dr. R.R. Kumbhar, Principal Vivekanand College, Kolhapur inaugurated the webinar. Resource Person of the webinar was Prof. Dr. R.R. Mudholkar (Former Prof. Dept. of Electronics, Shivaji University, Kolhapur). Dr. Mudholkar expressed concept of fuzzy logic in very simple way. He explained fuzzy set theory and mapping. In Electronics Fuzzy logic is used in control systems due to smooth and robust control action. It is used in Every Electronic Appliances for example washing Machine, cooling systems etc. By the use of little mathematics and fuzzy logic we can solve various problems in real life. He also explained resemblance of probability and fuzzy logic. Fuzzy logic is also used in the data analysis. He also stated applications fuzzy logic in chemistry botany etc. There were more than 75 students and staff participate in webinar on "Fuzzy Logic for Basic Research in

Electronic, Mathematics and Statistics. Mr. D.M. Panhalkar Welcome and introduced the Guest and Resource Person. Mr. P.R. Bagade proposed vote of thanks.

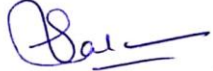
Mr. S.P. Patankar, Ms. V.V. Pawar and Miss M.B, Lohar handle, webinar technical support for Google meet software. Mr. S.T. Sutar, Mr. N. P. Mote, Mr. M.S. Patil, Mrs. P.S. Jadhav, were participated and helped in the conduction of online webinar.

8. Outcomes: 1. Students learned advanced concepts of Mathematics.
2. Students learned about Fuzzy Mathematics.

9. Photos: Enclosed

10. Signatures of coordinator/ organizer: Mr. S.P. Patankar




(Prof. S. P. Patankar)
HEAD
Department of Mathematics
Vivekanand College, Kolhapur