MRS AVN COLLEGE,VISAKHAPATNAM
(Affiliated to Andhra University,Visakhapatnam)
Accredited by NAAC "A" grade

Visakhapatnam
Date:30-07-2020

Program report (certificate course/Add on course)
Name of the Event:Certificate course " **Group Theory**"
Dates : 16-07-2020 TO 30-07-2020
Resource person: Dr N Ramakrishna
Email: captdrnrk@yahoo.com
Phone no: 9440442737
Name of the coordinator: Dr Ch Srinivasarao
No of student attended: 100
No of contact hours: 30 hours
Learning outcomes:

Lower order	**40%**	Algebraic number theory makes use of groups for some important applications. Concept of Algebraic structures
Higher order	**60%**	Express a given finite cyclic group as a direct product of cyclic groups of prime power order and given to direct product of cyclic group determine whether they are isomorphic

Course content:
Basic properties- Lagrange's theorem- Fundamental homomorphism-Abstract Algebra

Assessment procedure:
Online test: 100%

Program coordinator: Dr Ch Srinivasarao

Head of the department

Head of the Department
Department of Mathematics & Statistics
AVN College, Visakhapatnam

2020-21

Mrs. AVN COLLEGE, VISAKHAPATNAM

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Date:15/02/2021

Program report (certificate course/Add on course)

Name of the Event: Certificate course on **"Basic Coding Of Digital Electronics"**

Dates: 21-12-2020 to 12-02-2021

Resource person: R Tarakeshwar Rao

Email: rejetitharak@gmail.com

Phone no: 8639018082

Name of the coordinator: Prof. Dr. S.Srinivasa Rao

No of student attended:25

No of contact hours: 36

Learning outcomes:

- ➔ Develop a digital logic and apply it to solve real life problem
- ➔ understand the number system binary code and complements
- ➔ Know about switching circuits and oscillator circuit their design and use i electronics
- ➔ Basic understanding of analog systems and their applications
- ➔ Basic understanding of digital systems and their applications

Lower order	**40%**	Varacters diode, Tunnel diodesDC power supply: Rectifier; Half wave, Full wave(center-tapped, bridge), Zener-regulated power supply
Higher order	**60%**	Basic model; Virtual ground concept; Inverting Amplifier, Non-inverting Amplifier, Integrator, Differentiator,summing Amplifier and their applications