NARAYANA COLLEGE OF NURSING
CHINTHAREDDY PALEM, NELLORE
FACULTY DEVELOPMENT PROGRAMME REPORT ON ARTIFICIAL MEDICAL INTELLEGENCE TECHNOLOGY

Department of medical surgical nursing conducted a **FACULTY DEVELOPMENT PROGRAMME** on **ARTIFICIAL MEDICAL INTELLEGENCE TECHNOLOGY** on 27/04/2019 organized by department of Medical Surgical Nursing faculty . Dr. Indira, Dean and Principal NCN, Mrs. V. Jayanthi, Principal, HOD OBG Dept, SNNC and HODs of all the department were lighten the lamp and inaugurated the programme.

Pre test questionnaires were given to 122participants before starting the session. Mrs.V.Rupa Saritha Reddy, M.Sc. (N), Professor welcomed the gathering. **Dr. Indira .S**, Professor, presented about Introduction on Artificial intelligence Medical Technology like Innovations in Medical and Biological Engineering,Benefits of Artificial intelligence.**Mrs.Roopa Saritha**, M.Sc. (N), Professor presented about Meaning and History of Artificial intelligence Medical Technology **Mrs. Kanakalakshmi. R,** M.Sc. (N), Asso. Prof. presented about Common Applications of AIMT in Health Care like Managing Medical Records and Other Data, Doing Repetitive Jobs, Treatment Design, Digital Consultation, Virtual Nurses.**Ms. S. Arundathi,** M.Sc. (N), Asst. Prof. presented about Artificial Intelligence in Radiology, its 5 reasons why radiology needs artificial intelligence

.**Mrs.K.Padma**, M.Sc (N), Asst. Professor presented about Artificial Intelligence In telehealth like need of telehealth, its equipment's, basic home care system, its three most common applications, different approaches, its benefits and uses

Ms.Thejaswi, M.Sc (N), Asst. Professor presented about Current trends in Artificial Intelligence like clinical judgement or diagnosis, Artificial Intelligence -assisted robotic surgery, precision medicine, drug discovery &future possibilities like virtual nursing assistants ,real-time diagnostics multi-functional radiology . **Ms. Vani,** Ist Year M.Sc. (N), Student Professor presented about Benefits of Artificial Intelligence in medicine like Fast & Accurate diagnostics, Reduce human error cost reduction

OVERALL ANALYSIS:

Table no: 1 Frequency and percentage distribution among Participants

N=122

GRADE	PARTICIPANTS			
	PRE-TEST		POST TEST	
	FREQUENCY (F)	PERCENTAGE (%)	FREQUENCY (F)	PERCENTAGE (%)
A+	0	0	38	31.2
A	4	3.2	61	50
B	28	22.9	23	18.8
C	47	37.7	0	0
D	43	36.0	0	0
TOTAL	122	100	122	100
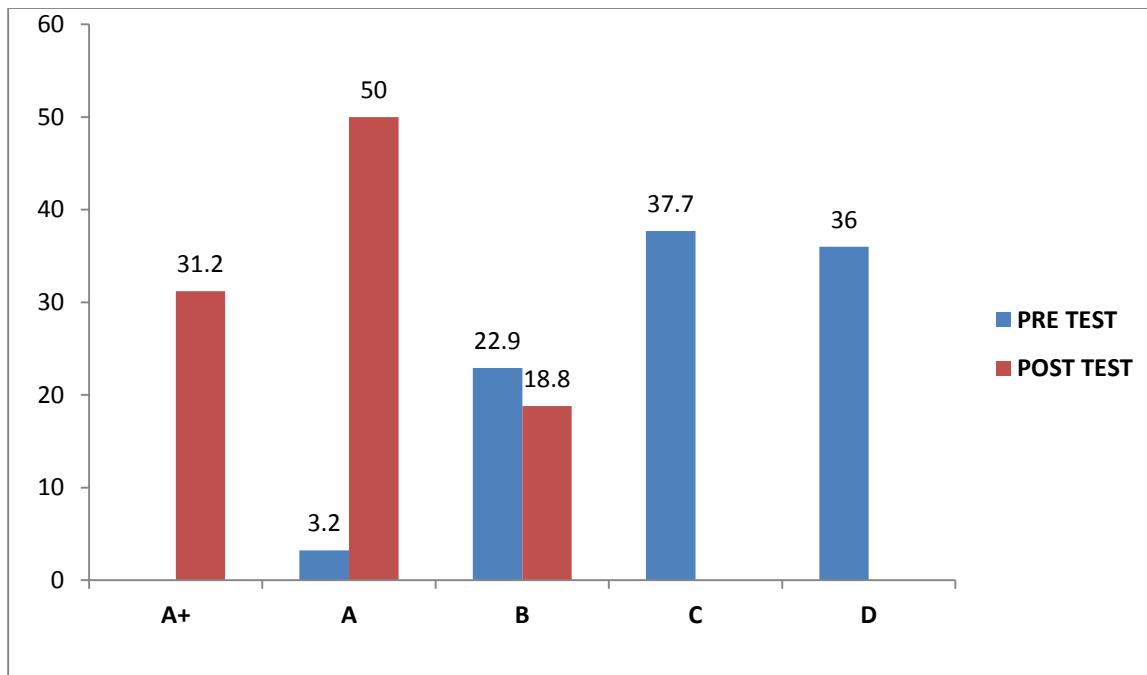
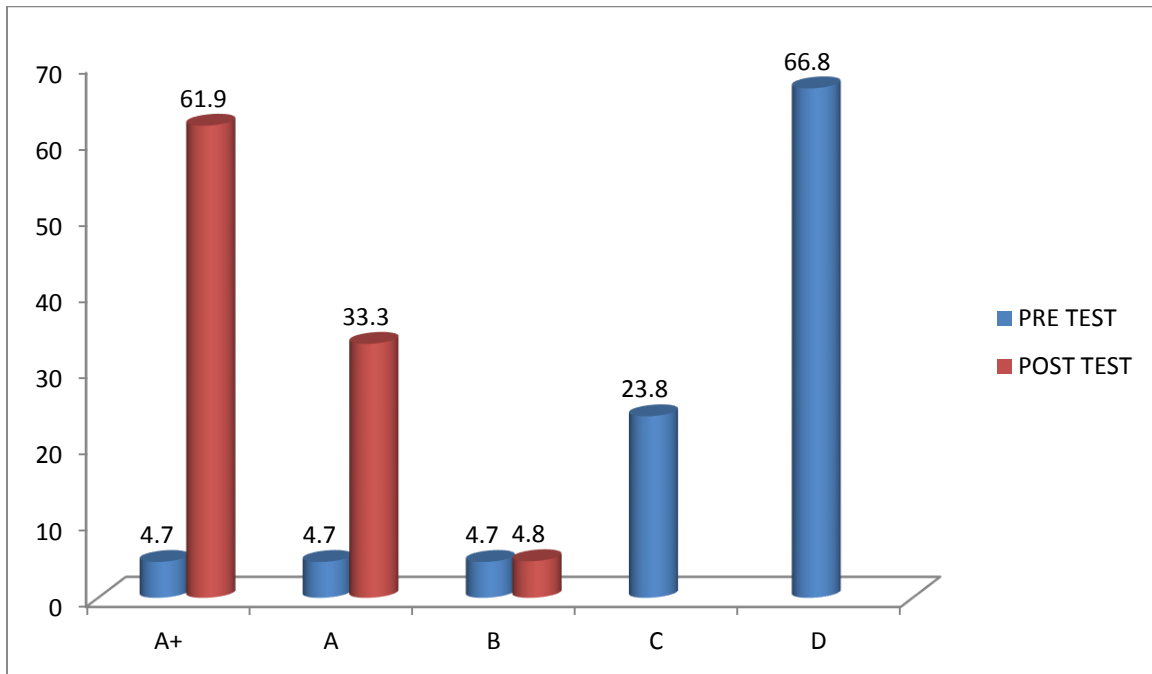**Fig no.01 COMPARISION OF PRE TEST & POST TEST SCORES AMONG PARTICIPANTS**

ANALYSIS:

Table no: 2 Frequency and percentage distribution among Nursing faculty

N=80

	NURSING FACULTY

GRADE	PRE-TEST		POST TEST	
	FREQUENCY (F)	PERCENTAGE (%)	FREQUENCY (F)	PERCENTAGE (%)
A+	0	0	49	61.3
A	4	5	23	28.7
B	14	17.5	8	10
C	30	37.5	0	0
D	32	40.0	0	0
TOTAL	80	100	80	100

Fig no:2 COMPARISION OF PRE TEST & POST TEST SCORES AMONG NURSING FACULTY

Table no: 3 Frequency and percentage distribution among Nursing students

N=42

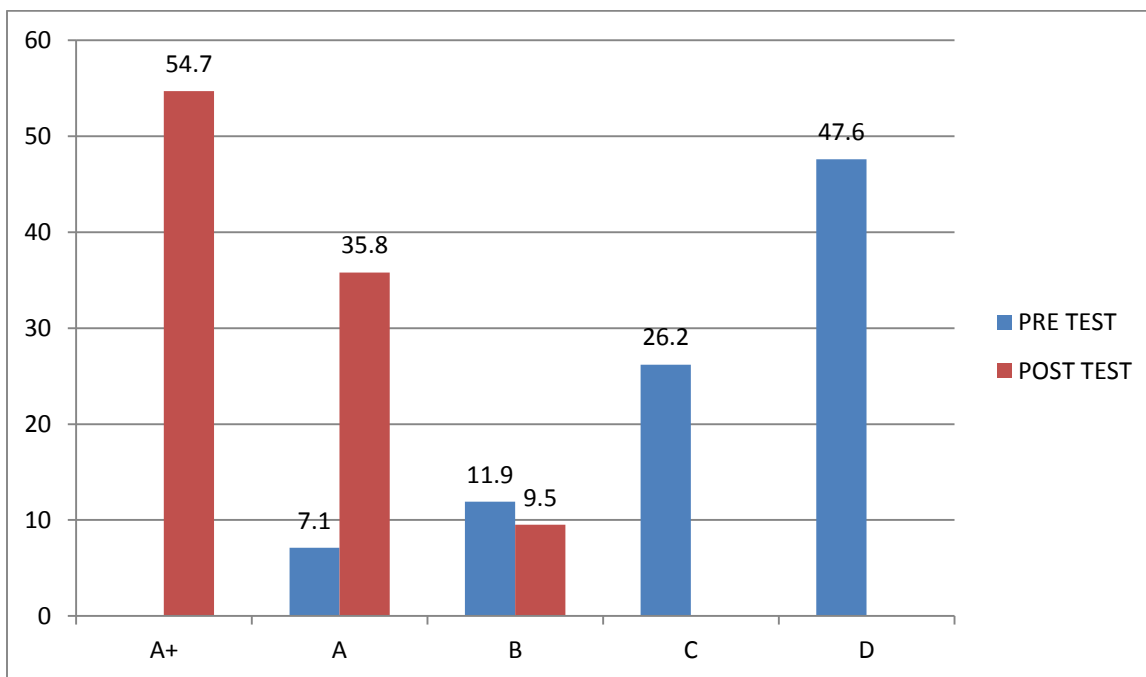| GRADE	NURSING STUDENTS			
	PRE-TEST		POST TEST	
	FREQUENCY (F)	PERCENTAGE (%)	FREQUENCY (F)	PERCENTAGE (%)
A+	0	0	23	54.7
A	3	7.1	15	35.8
B	5	11.9	4	9.5
C	11	26.2	0	0
D	20	47.6	0	0
TOTAL	42	100	42	100

**Fig no.3 COMPARISION OF PRE TEST & POST TEST SCORES
AMONG NURSING STUDENTS**

FEED BACK ANALYSIS:

Table no: 4 Frequency and percentage distribution of feedback analysis among participants   **N=122**

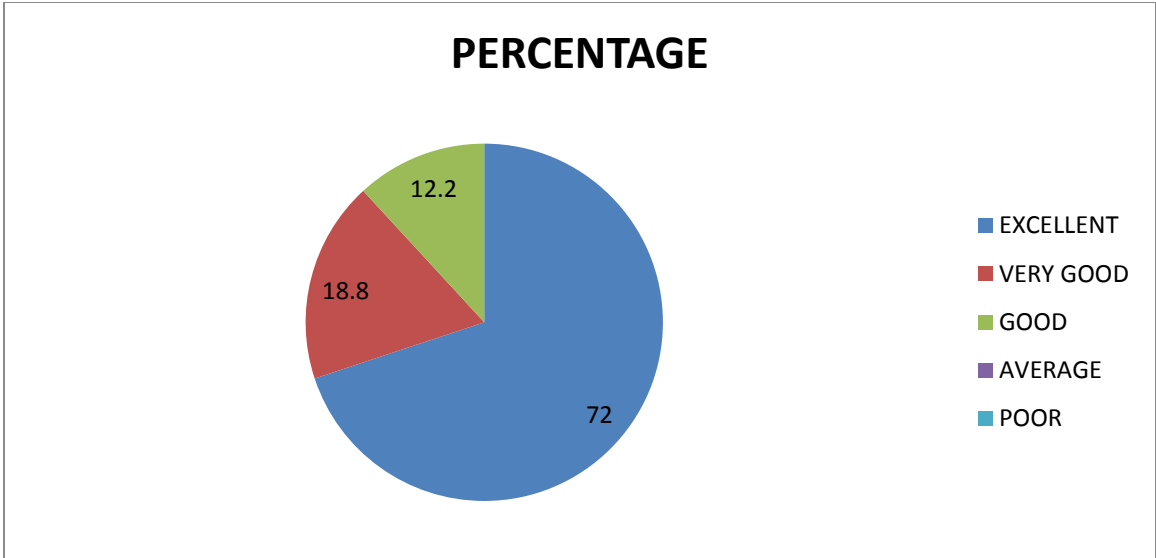| DESCRIPTION	PARTICIPANTS	
	FREQUENCY (F)	**PERCENTAGE (%)**
EXCELLENT	88	72.0
VERY GOOD	23	18.8
GOOD	15	12.2
AVERAGE	0	0
POOR	0	0
TOTAL	122	100

FIG no. 4: percentage distribution of feedback analysis among participants

     At the end of all the above speeches **Prof. Mrs. Indira.S** summarized the whole topic and involved the audience too in bringing up their view points during the discussion. At the end the programme **Dr. Indira .S**, principal distributed the certificates to all the speakers. Post test was conducted with the vote of thanks given by Ms. Blessy Jenet, MSc (N) II Year student and National anthem.