



Dept. of Biomedical Engg., at GPGA



A newsletter of Biomedical Engg. Dept. at GPGA

Issued: Dec 2019

FIT INDIA MOVEMENT

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Honorable Prime Minister Narendra Modi have launched a nation-wide Fit India Movement 29th August 2019 at 10 AM on the occasion of National Sports Day.

The campaign is aimed at encouraging people to inculcate physical activity and sports in their day to day life.

The Prime Minister Modi have launched a 'Fitness Logo' and 'Fitness Pledge' - oath of fitness to all.

Students participated by taking Oath: that reads, ***"I promise to myself that I will devote time for physical activity and sports every day and I will encourage my family members and neighbors to be physically fit and make India a fit nation."***

Faculty details:

1. Mr. Rakesh D. Motka, Lecturer, Incharge head of the department
2. Ms. Jimisha H. Suthar, Lecturer
3. Ms. Aarti R. Dalwadi, Lecturer
4. Ms. Meghna M. Patel, Lecturer
5. Ms. Neelam B. Modi, Lecturer
6. Ms. Suchita D. Azad, Lab assistant.

INDUSTRIAL VISIT TO RAYTECH TECHNOLOGIES

Industrial exposure plays a very vital role in filling the curriculum gap, especially in Biomedical Engineering field. The theoretical aspects the students study are not enough until the students see the techniques and their applications practically. For this reason, in the final year of Diploma course in Biomedical engineering, we, at

GPGA put more emphasis on hospital and industrial visits. As a part of this, one industrial visit was organized in this term. The students visited Raytech Technologies, a very renowned manufacturing unit of radiology equipments, in Ahmedabad. The managing director of the industry was kind enough to let the students

practically see the assembling of C-arm x-ray machine on the day of visit. The students of semester 5 were accompanied by Ms. Meghna M. Patel, Lecturer (BM Dept.) on the day of visit..

STUDENT ACHIEVEMENTS

SR. NO.	SEMESTER	ENROLLMENT NO.	NAME OF STUDENT	SPI	CPI	CGPA	GTU BRANCH WISE RANK (CPI WISE)
1	2	186140303060	VIRPARA POONAM AJAY-SINH	8.50	8.32	0	7
2	2	186140303031	NEMADE DEVANSHI PRAMOD	7.73	8.25	0	10
3	4	176140303032	PANCHAL RITU H.	8.97	8.70	9.17	2
4	4	176140303025	JOSHI MARGI H.	8.67	8.62	8.68	3
5	6	166140303025	PARMAR MANINI J.	9.80	9.73	9.73	2
6	6	166140303005	CHAHANA KALPAN P.	9.60	9.66	9.78	3
7	6	166140303029	PATEL DEVANSHI B.	9.20	9.45	9.57	7
8	6	166140303062	ZIA SUNASARA	9.40	8.96	9.09	10

RESULT ANALYSIS OF PREVIOUS TERM

SR. NO.	SEMESTER	NO. OF STUDENTS APPEARED	NO. OF STUDENTS PASSED	NO. OF STUDENTS FAILED	PERCENTAGE RESULT
1	2	41	13	28	31.71
2	4	34	9	25	26.47
3	6	43	33	10	76.04

LIST OF SUBJECTS IN WHICH 100% RESULTS ACHIEVED

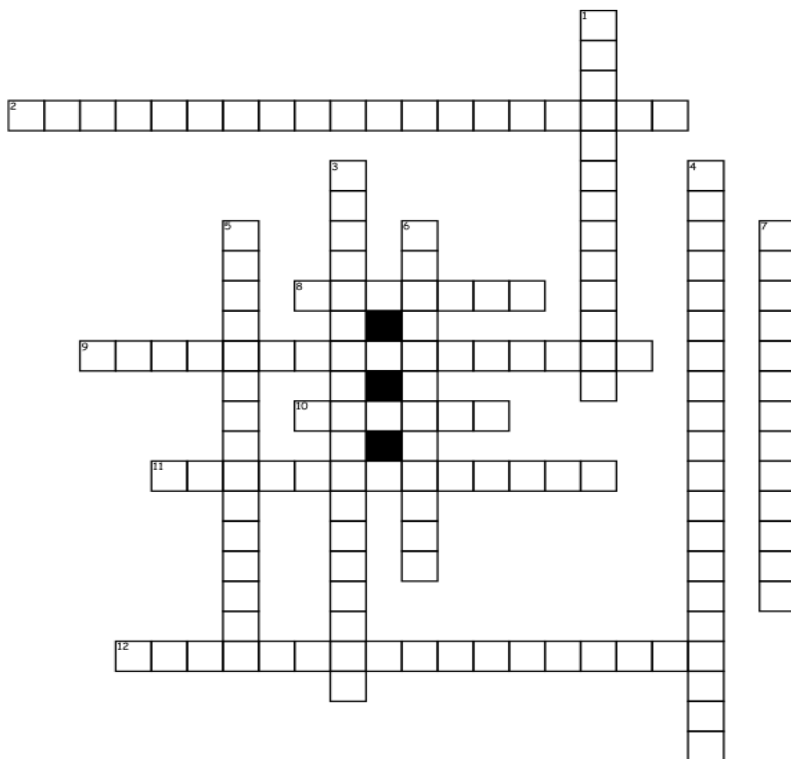
SR. NO.	SEMESTER	SUBJECT CODE	NAME OF SUBJECT	NAME OF SUBJECT TEACHER
1	6	3360303	TELEMEDICAL INSTRUMENTATION	M.V.SINGH
2	2	3320301	HUMAN ANATOMY	M.V.SINGH
3	2	3990001	CONTRIBUTOR PERSONALITY DEVELOPMENT	T.D.PANCHAL P.A.MEHTA

FACULTY ACHIEVEMENTS

The accreditation of NBA helps higher educational institute to know its strengths, weaknesses and opportunities. NBA accreditation helps institutes to get financial assistance from government agencies, private bodies etc. The accreditation gives higher learning institutes a new sense of direction and identity. As a first step towards getting NBA accreditation, two faculty members of the department have undergone NBA accreditation training organized by NITTTR, at IITRAM, Ahmedabad. Following are the details:

SR. NO.	Name of faculty member	Name of training	Organizing institute	From	To	Duration	Venue
1	Mr. R.D.Motka	NBA accreditation	NITTTR, Bhopal	22-07-2019	26-07-2019	1 week	IITRAM
2	Ms. A.R.Dalwadi	NBA accreditation	NITTTR, Bhopal	14/10/2019	18/10/2019	1 week	IITRAM

Let's learn with fun...



Across

- 2. a scientific trial used with animals not humans
- 8. "in glass"
- 9. used when other forms of research have been placed
- 10. taking place in a living organism.
- 11. used to calculate the dispersion of non-radioactive hazardous material

- 12. an abstract model that uses mathematical language to describe the behaviour of a system.

Down

- 1. research conducted to increase fundamental knowledge
- 3. a trial using humans
- 4. a broad term that combines engineering and technology to solve biological or medical problems involving humans

- 5. conducted mostly with animals
- 6. the study and analysis of the patterns, causes, and effects of health disease conditions in defined population

- 7. A representation of a system or process created on a computer, to assist calculations and predictions.

- 1. basic research
- 3. human clinical trial
- 4. biomedical technology
- 5. applied research
- 6. epidemiology
- 7. computer model
- 1. basic research
- 2. non-human animal trial
- 8. in vitro
- 9. clinical research
- 10. in vivo
- 11. chemical model
- 12. mathematical model

Down:

Across:

Answers: