

JGI JAIN UNIVERSITY

Declared as Deemed-to-be University under Section 3 of the UGC Act, 1956

vide MHRD Notification No. F-9-57/2007-U3 (A)

Name of the Candidate : VATSAL SHAH

Course : Bachelor of Engineering

Register No. : 12BE6ME071

Branch : Mechanical Engineering

Year of admission - 2012

SL No.	SUBJECTS	MAX MARKS	MARKS SCORED	GRADE	CREDITS	GRADE POINT	YEAR OF PASSING
SEMESTER - 1							
1	MATHEMATICS-I	100	84	A++	04	34.0	JAN-2013
2	ENGINEERING PHYSICS	100	80	A++	04	34.0	JAN-2013
3	ELECTRONICS AND COMMUNICATION SYSTEMS	100	84	A++	03	25.5	JAN-2013
4	MECHANICAL ENGINEERING SYSTEMS	100	74	A	03	22.5	JAN-2013
5	ENGINEERING DRAWING (LAB)	100	84	A++	03	25.5	JAN-2013
6	ENGINEERING WORKSHOP (LAB)	100	78	A+	01	8.0	JAN-2013
		600	484		18	149.5	
		DISTINCTION				SGPA: 8.306	
SEMESTER - 2							
1	MATHEMATICS-II	100	92	S+	04	38.0	JUN-2013
2	ENGINEERING CHEMISTRY	100	88	S	04	36.0	JUN-2013
3	ELECTRICAL ENGINEERING SYSTEM	100	66	B+	03	21.0	JUN-2013
4	CIVIL ENGINEERING SYSTEM	100	70	A	03	22.5	JUN-2013
5	PROBLEM SOLVING THROUGH PROGRAMMING	100	82	A++	04	34.0	JUN-2013
6	ENGLISH	100	65	B+	03	21.0	JUN-2013
		600	483		21	172.5	
		DISTINCTION				SGPA: 8.214	
SEMESTER - 3							
1	ENGINEERING MATHEMATICS-III	100	100	S++	04	40.0	DEC-2013
2	MATERIAL SCIENCE AND METALLURGY	100	80	B	03	19.5	DEC-2013
3	APPLIED MECHANICS	100	97	S++	04	40.0	DEC-2013
4	FLUID MECHANICS	100	80	A++	04	34.0	DEC-2013
5	THERMODYNAMICS	100	95	S++	04	40.0	DEC-2013
6	FLUID MECHANICS (LAB)	100	72	A	01	7.5	DEC-2013
7	MATERIAL TESTING (LAB)	100	76	A+	01	8.0	DEC-2013
8	* ECOLOGY AND ENGINEERING ENVIRONMENT	50	38	A+	02	16.0	DEC-2013
		700	580		21	189.0	
		DISTINCTION				SGPA: 9.000	
SEMESTER - 4							
1	ENGINEERING MATHEMATICS-IV	100	78	A+	04	32.0	JUN-2014
2	KINEMATICS OF MACHINES	100	79	A+	04	32.0	JUN-2014
3	MANUFACTURING PROCESSES AND SYSTEMS-I	100	58	C+	03	18.0	JUN-2014
4	DESIGN OF MACHINE ELEMENTS-I	100	82	A++	04	34.0	JUN-2014
5	MACHINE DRAWING	100	91	S+	04	38.0	JUN-2014
6	APPLIED THERMODYNAMICS	100	92	S+	04	38.0	JUN-2014
7	FOUNDRY (LAB)	100	90	S+	01	9.5	JUN-2014
8	ENERGY CONVERSION(LAB)	100	87	S	01	9.0	JUN-2014
		800	657		25	210.5	
		DISTINCTION				SGPA: 8.420	
SEMESTER - 5							
1	PRECISION ENGINEERING	100	87	S	03	27.0	DEC-2014
2	TURBO MACHINERY	100	89	S	04	36.0	DEC-2014
3	MANUFACTURING PROCESS AND SYSTEMS-II	100	76	A+	03	24.0	DEC-2014
4	DYNAMICS OF MACHINES	100	74	A	04	30.0	DEC-2014
5	DESIGN MACHINE ELEMENTS-II	100	84	A++	04	34.0	DEC-2014
6	MACHINE SHOP(LAB)	100	91	S+	01	9.5	DEC-2014
7	PRECISION ENGINEERING(LAB)	100	87	S	01	9.0	DEC-2014
8	* DISASTER MITIGATION	50	29	C+	02	12.0	DEC-2014
		700	588		20	169.5	
		DISTINCTION				SGPA: 8.475	
SEMESTER - 6							
1	FINITE ELEMENT METHODS	100	93	S+	04	38.0	JUN-2015
2	HEAT AND MASS TRANSFER	100	96	S++	04	40.0	JUN-2015
3	COMPOSITE MATERIALS	100	88	B+	03	21.0	JUN-2015
4	CAD / CAM	100	76	A+	04	32.0	JUN-2015
5	HEATING, VENTILATION & AIR-CONDITIONING	100	70	A	04	30.0	JUN-2015
6	FINITE ELEMENT ANALYSIS (LAB)	100	90	S+	01	9.5	JUN-2015
7	HEAT AND MASS TRANSFER (LAB)	100	86	S	01	9.0	JUN-2015
8	* CYBER SECURITY	50	41	A++	02	17.0	JUN-2015
		700	580		21	179.5	
		DISTINCTION				SGPA: 8.548	
SEMESTER - 7							
1	MECHANICAL VIBRATIONS	100	97	S++	04	40.0	DEC-2015
2	OPERATIONS RESEARCH	100	89	S	04	36.0	DEC-2015
3	CONTROL ENGINEERING	100	90	S+	04	38.0	DEC-2015
4	MECHATRONICS	100	77	A+	03	24.0	DEC-2015
5	COMPUTATIONAL FLUID DYNAMICS	100	78	A+	04	32.0	DEC-2015
6	SOLID WASTE MANAGEMENT	100	88	S	03	27.0	DEC-2015
7	CAD/CAM(LAB)	100	91	S+	01	9.5	DEC-2015
8	ENGINEERING DESIGN (LAB)	100	95	S++	01	10.0	DEC-2015
		800	705		24	216.5	
		DISTINCTION				SGPA: 9.021	
SEMESTER - 8							
1	MANAGEMENT AND ETHICS AND ENTREPRENEURSHIP	100	64	B	03	19.5	JUNE-2016
2	POWER PLANT ENGINEERING	100	80	A++	04	34.0	JUNE-2016
3	NON CONVENTIONAL ENERGY SYSTEMS	100	70	A	03	22.5	JUNE-2016
4	INTELLECTUAL PROPERTY RIGHTS AND TECHNOLOGY COMMERCIALIZA	100	48	D+	03	15.0	JUNE-2016
5	PROJECT	200	189	S+	08	76.0	JUNE-2016
6	SEMINAR	50	47	S+	02	19.0	JUNE-2016
		650	498		23	186.0	
		DISTINCTION				SGPA: 8.087	

Aggregate % : 83.19

Grand Total : 2371 / 2850

CGP: 8.540

Result : DISTINCTION

* Candidate has to pass the Value Enhancing Course subject by securing 40% marks as per the regulations. However, this will not be included in the Total Marks/Credits/SGPA.

DY. CONTROLLER OF EXAMINATIONS

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1. **Credit** : Each **THEORY** paper shall carry Four Credits. **PRACTICALS** shall carry one Credit.

2. **Eligibility for Pass** :

A student shall be declared to have passed in a subject, if he/she secures a minimum of 40% marks in the end semester examination and an aggregate of 40% including internal assessment.

3. **Conversion Table** :

MARKS FOR GRADE POINTS

Grade	S++	S+	S	A++	A+	A	B+	B	C+	C	D+	D	F
Corresponding Grade Point	10.0	9.5	9	8.5	8	7.5	7	6.5	6	5.5	5	4.5	0
Percentage of Marks	95-100	90-94	85-89	80-84	75-79	70-74	65-69	60-64	55-59	50-54	45-49	40-44	Less than 40
Class	OUT STANDING		DISTINCTION			FIRST		SECOND		PASS		FAIL	

4. **SGPA & CGPA** :

The Semester Grade Point Average (SGPA) is the weighted average of all the grades awarded to a student in a particular semester. The SGPA is computed by dividing the total grade points earned with the total of credits registered in the semester.

The Cumulative Grade Point Average (CGPA) is calculated on the average of **FIFTH** to **EIGHT** semester grades point earned with the total of credits registered in the **V - VIII** semester.