

1. **Name of the Institute** as registered in the Profile tab of your Institute on e-NBA portal and as approved by the AICTE/Competent Authority and affiliating University, if any.

Name of Institute: SHRI G.S. INSTITUTE OF TECHNOLOGY & SCIENCE

Verified and found ok

**Correction is required in the Name of the University**

<b>Name and Address of the Affiliating University (if any):</b>	
Name of the University : RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA	City: BHOPAL
State: MADHYA PRADESH	Pin Code: 462033

2. **List of all programs** offered by the institution over the three academic years, including the current academic year.

The details of all UG and PG programmes are provided in the below tables for the respective CAY 2024-25, 2023-24, and 2022-23:

<b>CAY 2024-25</b>						
• No. of UG programs: 12						
• No. of PG programs: 22						
S. No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
<b>Details of PG Programs</b>						
1.	Computer Applications	PG	Master of Computer Applications	2001	--	Computer Technology and Applications
2.	Engineering & Technology	PG	Structural Engineering	1965	--	Civil Engineering
3.	Engineering & Technology	PG	Transportation Engineering	1993	--	Civil Engineering
4.	Engineering & Technology	PG	Water Resources and Environmental Engineering	1993	--	Civil Engineering
5.	Engineering & Technology	PG	Environmental Engineering	1994	--	Civil Engineering
6.	Engineering & Technology	PG	Power Electronics	1984	--	Electrical Engineering
7.	Engineering & Technology	PG	Power System & Control	2018	--	Electrical Engineering
8.	Engineering & Technology	PG	Mechanical Engineering Design	2020	--	Mechanical Engineering
9.	Engineering & Technology	PG	CAD/CAM/CAE	2012	--	Mechanical Engineering
10.	Engineering & Technology	PG	Thermal Engineering	2020	--	Mechanical Engineering
11.	Engineering & Technology	PG	Industrial Engineering and Management	1983	--	Industrial and Production Engineering
12.	Engineering & Technology	PG	Manufacturing Engineering	2020	--	Industrial and Production Engineering
13.	Engineering & Technology	PG	Micro Electronics & VLSI Design	1999	--	Electronics and Instrumentation Engineering
14.	Engineering & Technology	PG	Electronics & Communication Engineering	2003	--	Electronics and Communication Engineering

15.	Engineering & Technology	PG	Computer Engineering	1986	--	Computer Engineering
16.	Engineering & Technology	PG	Biomedical Signal Processing & Instrumentation	2017	--	Biomedical Engineering
17.	Engineering & Technology	PG	Information Technology	2019	--	Information Technology
18.	Engineering & Technology	PG	M.Tech. (Quantum computing)	2023	--	Applied physics & optoelectronics
19.	Management	PG	Master of Business Administration	2012	--	Management
20.	Management	PG	MBA (Hospital Administration)	2023	--	Management
21.	Engineering & Technology	PG (WP)	Micro Electronics & VLSI Design	2020	--	Electronics and Instrumentation Engineering
22.	Engineering & Technology	PG (WP)	Power Electronics	2020	--	Electrical Engineering

#### Details of UG Programs

1.	Engineering & Technology	UG	Civil Engineering	1956	--	Civil Engineering
2.	Engineering & Technology	UG	Mechanical Engineering	1956	--	Mechanical Engineering
3.	Engineering & Technology	UG	Electrical Engineering	1957	--	Electrical Engineering
4.	Engineering & Technology	UG	Industrial & Production Engineering	1983	--	Industrial and Production Engineering
5.	Engineering & Technology	UG	Computer Science and Engineering	1983	--	Computer Engineering
6.	Engineering & Technology	UG	Electronics & Instrumentation Engineering	1984	--	Electronics and Instrumentation Engineering
7.	Engineering & Technology	UG	Electronics and Telecommunication Engineering	1984	--	Electronics and Telecommunication Engineering
8.	Engineering & Technology	UG	Information Technology	2000	--	Information Technology
9.	Engineering & Technology	UG	Biomedical Engineering	2002	--	Biomedical Engineering
10.	Engineering & Technology	UG	Biomedical Engineering in Indian language (BEIL)	2022	--	Biomedical Engineering
11.	Engineering & Technology	UG(WP)	Electrical Engineering	2023	--	Electrical Engineering
12.	Engineering & Technology	UG(WP)	Mechanical Engineering	2023	--	Mechanical Engineering

#### AY 2023-24

<ul style="list-style-type: none"> <li>• No. of UG programs: 10</li> <li>• No. of PG programs: 20</li> </ul>						
S. No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
<b>Details of PG Programs</b>						
1.	Computer Applications	PG	Master of Computer Applications	2001	--	Computer Technology and Applications
2.	Engineering & Technology	PG	Structural Engineering	1965	--	Civil Engineering
3.	Engineering & Technology	PG	Transportation Engineering	1993	--	Civil Engineering

4.	Engineering & Technology	PG	Water Resources and Environmental Engineering	1993	--	Civil Engineering
5.	Engineering & Technology	PG	Environmental Engineering	1994	--	Civil Engineering
6.	Engineering & Technology	PG	Power Electronics	1984	--	Electrical Engineering
7.	Engineering & Technology	PG	Power System & Control	2018	--	Electrical Engineering
8.	Engineering & Technology	PG	Mechanical Engineering Design	2020	--	Mechanical Engineering
9.	Engineering & Technology	PG	CAD/CAM/CAE	2012	--	Mechanical Engineering
10.	Engineering & Technology	PG	Thermal Engineering	2020	--	Mechanical Engineering
11.	Engineering & Technology	PG	Industrial Engineering and Management	1983	--	Industrial and Production Engineering
12.	Engineering & Technology	PG	Manufacturing Engineering	2020	--	Industrial and Production Engineering
13.	Engineering & Technology	PG	Micro Electronics & VLSI Design	1999	--	Electronics and Instrumentation Engineering
14.	Engineering & Technology	PG	Electronics & Communication Engineering	2003	--	Electronics and Communication Engineering
15.	Engineering & Technology	PG	Computer Engineering	1986	--	Computer Engineering
16.	Engineering & Technology	PG	Biomedical Signal Processing & Instrumentation	2017	--	Biomedical Engineering
17.	Engineering & Technology	PG	Information Technology	2019	--	Information Technology
18.	Engineering & Technology	PG	M.Tech. (Quantum computing)	2023	--	Applied physics & optoelectronics
19.	Management	PG	Master of Business Administration	2012	--	Management
20.	Management	PG	MBA (Hospital Administration)	2023	--	Management

**Details of UG Programs**

1.	Engineering & Technology	UG	Civil Engineering	1956	--	Civil Engineering
2.	Engineering & Technology	UG	Mechanical Engineering	1956	--	Mechanical Engineering
3.	Engineering & Technology	UG	Electrical Engineering	1957	--	Electrical Engineering
4.	Engineering & Technology	UG	Industrial & Production Engineering	1983	--	Industrial and Production Engineering
5.	Engineering & Technology	UG	Computer Science and Engineering	1983	--	Computer Engineering
6.	Engineering & Technology	UG	Electronics & Instrumentation Engineering	1984	--	Electronics and Instrumentation Engineering
7.	Engineering & Technology	UG	Electronics and Telecommunication Engineering	1984	--	Electronics and Telecommunication Engineering
8.	Engineering & Technology	UG	Information Technology	2000	--	Information Technology

9.	Engineering & Technology	UG	Biomedical Engineering	2002	--	Biomedical Engineering
10.	Engineering & Technology	UG	Biomedical Engineering in Indian language (BEIL)	2022	--	Biomedical Engineering

AY 2022-23						
• No. of UG programs: 10						
• No. of PG programs: 19						
S. No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
<b>Details of PG Programs</b>						
1.	Computer Applications	PG	Master of Computer Applications	2001	--	Computer Technology and Applications
2.	Engineering & Technology	PG	Structural Engineering	1965	--	Civil Engineering
3.	Engineering & Technology	PG	Transportation Engineering	1993	--	Civil Engineering
4.	Engineering & Technology	PG	Water Resources and Environmental Engineering	1993	--	Civil Engineering
5.	Engineering & Technology	PG	Environmental Engineering	1994	--	Civil Engineering
6.	Engineering & Technology	PG	Power Electronics	1984	--	Electrical Engineering
7.	Engineering & Technology	PG	Power System & Control	2018	--	Electrical Engineering
8.	Engineering & Technology	PG	Mechanical Engineering Design	2020	--	Mechanical Engineering
9.	Engineering & Technology	PG	CAD/CAM/CAE	2012	--	Mechanical Engineering
10.	Engineering & Technology	PG	Thermal Engineering	2020	--	Mechanical Engineering
11.	Engineering & Technology	PG	Industrial Engineering and Management	1983	--	Industrial and Production Engineering
12.	Engineering & Technology	PG	Manufacturing Engineering	2020	--	Industrial and Production Engineering
13.	Engineering & Technology	PG	Micro Electronics & VLSI Design	1999	--	Electronics and Instrumentation Engineering
14.	Engineering & Technology	PG	Electronics & Communication Engineering	2003	--	Electronics and Communication Engineering
15.	Engineering & Technology	PG	Computer Engineering	1986	--	Computer Engineering
16.	Engineering & Technology	PG	Biomedical Signal Processing & Instrumentation	2017	--	Biomedical Engineering
17.	Engineering & Technology	PG	Information Technology	2019	--	Information Technology
18.	Engineering & Technology	PG	M.Tech. (Quantum computing)	2023	--	Applied physics & optoelectronics
19.	Management	PG	Master of Business Administration	2012	--	Management
<b>Details of UG Programs</b>						
1.	Engineering & Technology	UG	Civil Engineering	1956	--	Civil Engineering
2.	Engineering & Technology	UG	Mechanical Engineering	1956	--	Mechanical Engineering

3.	Engineering & Technology	UG	Electrical Engineering	1957	--	Electrical Engineering
4.	Engineering & Technology	UG	Industrial & Production Engineering	1983	--	Industrial and Production Engineering
5.	Engineering & Technology	UG	Computer Science and Engineering	1983	--	Computer Engineering
6.	Engineering & Technology	UG	Electronics & Instrumentation Engineering	1984	--	Electronics and Instrumentation Engineering
7.	Engineering & Technology	UG	Electronics and Telecommunication Engineering	1984	--	Electronics and Telecommunication Engineering
8.	Engineering & Technology	UG	Information Technology	2000	--	Information Technology
9.	Engineering & Technology	UG	Biomedical Engineering	2002	--	Biomedical Engineering
10.	Engineering & Technology	UG	Biomedical Engineering in Indian language (BEIL)	2022	--	Biomedical Engineering

3. **List of all programs** offered by the concerned Department over the three academic years, including the current academic year

Over the past three academic years, including the current academic year, the **Civil Engineering and Applied Mechanics Department** has offered the following academic programs:

S.No.	Discipline	Level of program	Name of the program	CAY (2024-25)	CAY (2023-24)	CAY (2022-23)
1.	Civil Engineering	UG	Civil Engineering	YES	YES	YES
2.	Engineering & Technology	PG	Structural Engineering	YES	YES	YES
3.	Engineering & Technology	PG	Transportation Engineering	YES	YES	YES
4.	Engineering & Technology	PG	Environmental Engineering	YES	YES	YES
5.	Engineering & Technology	PG	Water Resources Engineering	YES	YES	YES

4. **List of all programs** offered by **Allied Departments** over the three academic years, including the Current Academic Year.

Over the past three academic years, including the current academic year, no academic programs have been offered independently by the Allied Departments. Therefore, the list of programs under Allied Departments is Nil.

S.No.	Discipline	Name of Department	Name of the program	CAY (2024-25)	CAY (2023-24)	CAY (2022-23)
1.	NIL	NIL	NIL	NIL	NIL	NIL

5. **Program Details** including sanctioned intake and details of any program closures or mergers, etc (within the department or allied departments).

Details of any program closures or mergers, etc (within the department or allied departments). :	<b>NIL</b>
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6. **Program Format** (Tier-I or Tier-II). : **Tier – I**

7. **Faculty Details** including Date of Joining (DoJ), date of relieving, designation, nature of appointment (regular/contract/ad hoc), teaching load in the first year, Student-Faculty Ratio (SFR), faculty qualifications, Head of the Department (HoD) (Regular (PhD), etc.

The required details are provided below:

S.No.	Name of the Faculty	Highest Degree	University Name	Area of Specialization	Date of Joining in this Institution	Designation at Time Joining in this Institution	Present Designation	Date (Designated as Prof/Assoc. Prof.)	Nature of Association	Currently Associated (Yes/No)	Date of Leaving(in case of NO)	Experience in current institute(in years)	is HOD?
1	Dr. Vijay Rode	ME/M. Tech and PhD	IIT BOMBAY	STRUCTURAL ENGINEERING	21/08/1981	Assistant Professor	Professor	09/10/1998	Regular	No	30/09/2024	43.1	No
2	Dr. Mrs. Vandana Tare	ME/M. Tech and PhD	DAVV INDORE	TRANSPORTATION ENGINEERING	01/06/1981	Assistant Professor	Professor	18/06/2005	Regular	No	31/08/2023	42.3	No
3	Dr. H.K. Mahiyar	ME/M. Tech and PhD	DAVV INDORE	GEOTECHNICAL ENGINEERING	05/04/1989	Assistant Professor	Professor	27/03/2003	Regular	Yes		35.10	No
4	Dr. S.M. Narulkar	ME/M. Tech and PhD	IIT BOMBAY	WATER RESOURCES ENGINEERING	05/09/1986	Assistant Professor	Professor	18/06/2005	Regular	Yes		38.5	Yes
5	Dr. Rakesh Khare	ME/M. Tech and PhD	DAVV INDORE	STRUCTURAL ENGINEERING	15/02/1988	Assistant Professor	Professor	18/06/2005	Regular	Yes		37	No
6	Dr. Sunil Ajmera	ME/M. Tech and PhD	RGPV BHOPAL	WATER RESOURCES ENGINEERING	17/02/1986	Assistant Professor	Professor	03/02/2017	Regular	Yes		39	No
7	Mr. Mileen Lagate	M.E/M.Tech	DAVV INDORE	STRUCTURAL ENGINEERING	18/02/1986	Assistant Professor	Associate Professor	02/01/2006	Regular	Yes		39	No
8	Mr.Devendra Dohare	M.E/M.Tech	RGPV BHOPAL	ENVIRONMENTAL ENGINEERING	31/08/2006	Assistant Professor	Associate Professor	15/07/2019	Regular	Yes		18.5	No
9	Dr.Sunil Kumar Ahirwar	ME/M. Tech and PhD	IIT BOMBAY	GEOTECHNICAL ENGINEERING	30/09/2006	Assistant Professor	Associate Professor	14/10/2019	Regular	Yes		18.4	No
10	Mr.Vivek Tiwari	M.E/M.Tech	RGPV BHOPAL	STRUCTURAL ENGINEERING	14/09/2018	Assistant Professor	Assistant Professor		Regular	Yes		6.5	No
11	Mr. Tarun Kumar Narnaure	M.E/M.Tech	MANIT BHOPAL	TRANSPORTATION ENGINEERING	14/09/2018	Assistant Professor	Assistant Professor		Regular	Yes		6.5	No
12	Mr. Rakesh Purviya	M.E/M.Tech	MANIT BHOPAL	WATER RESOURCES ENGINEERING	24/07/2017	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		7.7	No
13	Ms. Suninda Parmar	M.E/M.Tech	RGPV BHOPAL	CONSTRUCTION PLANNING &	26/08/2021	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		3.6	No

				MANAGEMENT									
14	Ms. Iqra Mansuri	M.E/M.Tech	RGPV BHOPAL	WATER RESOURCES ENGINEERING	01/08/2023	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		1.6	No
15	Dr. Akash Jaiswal	ME/M. Tech and PhD	MANIT BHOPAL	GEOTECHNICAL ENGINEERING	16/07/2024	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		0.7	No
16	Dr. Arti Sahu	ME/M. Tech and PhD	ANNA UNIVERSITY	STRUCTURAL ENGINEERING	11/07/2024	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		0.7	No
17	Ms. Megha Patel	M.E/M.Tech	MANIT BHOPAL	URBAN DEVELOPMENT	10/08/2023	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		1.6	No
18	Mr. Mahesh Chandra	M.E/M.Tech	SVNIT SURAT	STRUCTURAL ENGINEERING	20/12/2019	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		5.2	No
19	Ms. Namrata Khede	M.E/M.Tech	RGPV BHOPAL	TRANSPORTATION ENGINEERING	10/08/2023	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		1.6	No
20	Ms. Shruti Bajpai	M.E/M.Tech	RGPV BHOPAL	ENVIRONMENTAL ENGINEERING	10/08/2018	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		6.6	No
21	Ms. Soumya Saklecha	M.E/M.Tech	NIT K	ENVIRONMENTAL ENGINEERING	24/08/2022	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		2.6	No
22	Mr. Pranav Thepe	M.E/M.Tech	NITTTTR BHOPAL	CONSTRUCTION PLANNING & MANAGEMENT	25/08/2021	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		3.6	No
23	Ms. Nikita Verma	M.E/M.Tech	RGPV BHOPAL	TRANSPORTATION ENGINEERING	10/07/2024	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		0.7	No
24	Ms. Sarika Khedekar	M.E/M.Tech	RGPV BHOPAL	ENVIRONMENTAL ENGINEERING	11/07/2024	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		0.7	No
25	Mr. Krishna Pratap Verma	M.E/M.Tech	RGPV BHOPAL	STRUCTURAL ENGINEERING	17/07/2019	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		5.7	No
26	Mr. Avinash Mishra	M.E/M.Tech	RGPV BHOPAL	TRANSPORTATION ENGINEERING	10/08/2023	Assistant Professor	Assistant Professor		Contractual Fulltime	No	31/05/2024	0.9	No
27	Mr. Nikunj Binnani	M.E/M.Tech	RGPV BHOPAL	STRUCTURAL ENGINEERING	22/01/2018	Assistant Professor	Assistant Professor		Contractual Fulltime	No	01/05/2023	5.3	No
28	Mr. Ajay Rajauriya	M.E/M.Tech	IIT GUWAHATI	STRUCTURAL ENGINEERING	27/08/2021	Assistant Professor	Assistant Professor		Contractual Fulltime	No	11/03/2024	2.6	No

Scheme for First Year														
S. No.	Academic Year	Subject Category	Subject Code	Subject Name	Hours per Week			Credits		Maximum Marks				
					L	T	P	Th	Pr	Theory		Practical		Total
										Th.	CW	SW	Pr.	
1	2024-25	ESC	CE10013	Fundamentals of Civil Engineering & Applied Mechanics	2	1	-	3	0	70	30	0	0	100
2	2023-24	ESC	CE10013	Fundamentals of Civil Engineering & Applied Mechanics	2	1	-	3	0	70	30	0	0	100
3	2022-23	ESC	CE10013	Fundamentals of Civil Engineering & Applied Mechanics	2	1	-	3	0	70	30	0	0	100

Teaching load in the first year							
S. No.	Academic Year	Subject Code	Subject Name	No. of Section in Sem A / Sem B	Teaching Hr. per Week	Teaching Load per Faculty (as per AICTE)	No. of Faculty
1	2024-25	CE10013	Fundamentals of Civil Engineering & Applied Mechanics	7	7 x 3 = 21	18	21/18 = 1.16
2	2023-24	CE10013	Fundamentals of Civil Engineering & Applied Mechanics	7	7 x 3 = 21	18	21/18 = 1.16
3	2022-23	CE10013	Fundamentals of Civil Engineering & Applied Mechanics	7	7 x 3 = 21	18	21/18 = 1.16

Designation	Number of faculty in the Department for both UG and PG *		
	CAY (2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
Professor	4(R) + 0(C)	5(R) + 0(C)	6(R) + 0(C)
Associate Professor	1(R) + 0(C)	1(R) + 0(C)	1(R) + 0(C)
Assistant Professor	4(R) + 14(C)	4(R) + 11(C)	4(R) + 8(C)
Number of Ph.D (as per the AICTE norms)	5(R) + 1(C)	6(R) + 0(C)	7(R) + 0(C)

<b>Student Faculty Ratio</b>	<b>CAY</b>	<b>CAYM1</b>	<b>CAYM2</b>
<b>Year</b>	<b>2024-25</b>	<b>2023-24</b>	<b>2022-23</b>
UG1.B	99	99	99
UG1.C	99	99	99
UG1.D	99	99	129
UG1	297	297	327
...			
UGn.B	0	0	0
UGn.C	0	0	0
UGn.D	0	0	0
UGn	0	0	0
PG1.A (STRUCTURAL ENGINEERING)	18	18	18
PG1.B	18	18	25
PG1)(STRUCTURAL ENGINEERING)	36	36	43
PG1.A (ENVIRONMENTAL ENGINEERING)	12	12	12
PG1.B	12	12	18
	24	24	30
PG1)(TRANSPORTATION ENGINEERING)	12	12	12
PG1.B	12	12	18
	24	24	30
PG1)(WATER RESOURCES ENGINEERING)	12	12	12
PG1.B	12	12	12
	24	24	24
PGm.A	0	0	0
PGm.B	0	0	0
PGm	PGm.A+PGm.B	PGm.A+PGm.B	PGm.A+PGm.B
DS=Total no. of students in all PG programs in the Department	108	108	127
AS=Total no. of students of all UG and PG programs in allied departments	0	0	0
<b>S=Total no.of student in the Department(DS) and allied departments(AS)</b>	S1=405	S2=405	S3=454
DF=Total no. of faculty members in the Department	23	21	19
AF= Total no. of faculty members in the allied Departments	0	0	0
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	23	21	19
FF=The faculty members in F who have a100% teaching load in the first-year courses	1	1	1
<b>Student Faculty Ratio (SFR)=S/(F-FF)</b>	18.4	20.25	25.22
<b>AverageSFRfor3years</b>	<b>21.29</b>		

