

29. Evaluative Report of the Department

1. Name of the Department **Institute of Engineering,, Jiwaji university, Gwalior**
2. Year of establishment **2000**
3. Is the Department part of a School/Faculty of the university? **Yes,**
University
Department
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

UG B.E. 4 years programme
5. Interdisciplinary programmes and departments involved **N/A**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
N/A
7. Details of programmes discontinued, if any, with reasons **N/A**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Semester
9. Participation of the department in the courses offered by other departments
Electronics Engg, Chemical Engg., Computer Science Engg.
10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	NIL	NIL	NIL
Associate Professors	NIL	NIL	NIL
Asst. Professors	NIL	NIL	NIL
Others	NIL	NIL	NIL

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Neetu Sikarwar	M.Tech.	Asst. Professor(Contractual	Digital Comm.	10 yrs	NIL
Alpana Sharma	M.Tech.	Asst. Professor(Contractual	Computer Science	10 yrs	NIL
Navjot Singh Parande	M.Tech.	Asst. Professor(Contractual	Computer Science	2 yrs	NIL
Manish Sharma	M.Tech.	Asst. Professor(Contractual	Mechanical Engg.	2 yrs	NIL

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

13. Percentage of classes taken by temporary faculty - programme-wise information

75% (Time Table Enclosed)

14. Programme-wise Student Teacher Ratio

8:1 (Computer Science), 21:1 (Chemical Engg.), 13:1 (Electronics Engg.)

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

NIL

16. Research thrust areas as recognized by major funding agencies **NIL**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NIL

18. Inter-institutional collaborative projects and associated grants received **NIL**

a) National collaboration

b) International collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **NIL**

20. Research facility / centre with **NIL**

- state recognition
 national recognition
 international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies **NIL**
22. Publications: **NIL**
- *Number of papers published in peer reviewed journals (national / international)
 - *Monographs
 - *Chapters in Books
 - *Edited Books
 - *Books with ISBN with details of publishers
 - *Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - *Citation Index - range / average
 - *SNIP
 - * SJR
 - *Impact Factor - range / average
 - *h-index
23. Details of patents and income generated **NIL**
24. Areas of consultancy and income generated **NIL**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad **NIL**
26. Faculty serving in **NIL**
- a) National committees b) International committees c) Editorial Boards d) any other (please specify)
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). **NIL**
28. Student projects **NIL**
- percentage of students who have done in-house projects including inter-departmental projects
 - percentage of students doing projects in collaboration with other universities / industry / institute

29. Awards / recognitions received at the national and international level by **NIL**
- Faculty
 - Doctoral / post doctoral fellows
 - Students
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. **NIL**
31. Code of ethics for research followed by the departments **NIL**
32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
Electronics Engg	33	26	07	30%	42%
Chemical Engg.	29	24	05	55%	60%
Computer Science Engg.	45	33	12	57%	91%

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
NIL	NIL	NIL	NIL	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. **NIL**

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed <input type="checkbox"/> Campus selection <input type="checkbox"/> Other than campus recruitment	1.Sanjay Yadav (CM)- Ritebanc agritech 2.Rohit Sovni(CM)- Ritebanc agritech 3. Abhishek (CM)- Riterbin Pvt. Ltd. 4.Sweta Singh (EL)- Voice tree technology
Entrepreneurs	NIL

36. Diversity of staff

Percentage of faculty who are graduates

of the same university

15%

from other universities within the State

from **80%**

universities from other States from
universities

5%

outside the country

NIL

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period **NIL**

38. Present details of departmental infrastructural facilities with regard to

a) Library	8000 (books), 38 (Journals)
b) Internet facilities for staff and students	High Speed Internet for all
c) Total number of class rooms	12 Classrooms
d) Class rooms with ICT facility	2 rooms
e) Students' laboratories	20 Lab rooms
f) Research laboratories	NIL

39. List of doctoral, post-doctoral students and Research Associates **NIL**

a) from the host institution/university

b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university. **NIL**
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **NIL**
42. Does the department obtain feedback from
- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? **NIL**
 - b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **NIL**
 - c. alumni and employers on the programmes offered and how does the department utilize the feedback? **NIL**
43. List the distinguished alumni of the department (maximum 10) **NIL**
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
- **Entrepreneurship Awareness Programme - 02**
 - **Seminar on PLC SCADA programme from prolific pvt. Ltd. -03**
45. List the teaching methods adopted by the faculty for different programmes.
- **Smart class teaching programme**
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
By organizing meetings monthly with faculty by supervision of administration
47. Highlight the participation of students and faculty in extension activities. **NIL**

48. Give details of “beyond syllabus scholarly activities” of the department.
- **Technical fest, cultural events, sports competition.**
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **NIL**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. **NIL**
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
- Strength
- Self financing department
 - Hardworking staff
- Weakness
- Shortage of regular faculty
 - Lack of infrastructure
- Challenges
- Proper recruitment of eligible and deserved faculty.
 - To provide the better research environment
52. Future plans of the department.

To develop the skills of students and create awareness to take advantage of technology advancement. Another motive is to start PG programme and provide the better research environment.