



ANNUAL PROGRESS REPORT
2020-21
GURU NANAK INSTITUTE OF TECHNOLOGY
NAAC ACCREDITED
Dahegaon, Kalmeshwar Road, Nagpur 441501

| | |
|--|--|
| Department | Civil Engineering |
| Name of Faculty | Prof. Sushant Madhukar Gajbhiye |
| Designation | Assistant Professor (Head of Department) |
| Category (UGC/MR/Adhoc) | UGC |
| No. of Years in the Institution | 5 Yrs. |
| Contact No. & Email-id | 9096598965 / sushant_sushant20@rediffmail.com |
| Portfolios Handled at Department/Institute/University/HO [Mention Level with Designation] | Head of Department |
| | Discipline & Anti Raging Committee/ Squad (Coorinator) |
| | Academic Committee Head |
| | Research & Consultancy (Coordinator) |
| | Library Committe (Member) |

[A] Academic Appraisal

1. Teaching & Learning

| | Term-II of Previous Academic Year | Term-I of Current Academic Year | Average |
|------------------------------------|--|--|----------------|
| Theory Load | 10 | 10 | 10 |
| Practical Load | 12 | 12 | 12 |
| Project Load | 4 | 4 | 4 |
| Average % Result (Theory) | 96 | 98 | 97 |
| Average Internal Marks (Theory) | 18 | 18 | 18 |
| Average % Class Engagement | 98 | 98 | 98 |
| Average % Student Attendance | 98 | 96 | 97 |
| Average % Syllabus Completion | 98 | 98 | 98 |
| Average % Feedback Score | 96 | 96 | 96 |
| Average % Result (Practical) | 98 | 98 | 98 |
| Average Internal Marks (Practical) | 22 | 22 | 22 |

2. Publications [Current Academic Year]

| <i>Published in Journals</i> | | | | | |
|---|---|--|--------------------------|--|--|
| <i>Cat A: Web of Science, Scopus, Google & similar journals</i> | | | | | |
| Name of Journal | ISSN/ ISBN No./ SCOPUS No. | Whether peer reviewed impact Factor, if any | No. of Co-Authors | Whether you are the First author | Sponsoring Agency & Expenditure |
| -- | -- | -- | -- | -- | -- |
| <i>Cat B: Other Journals</i> | | | | | |
| Name of Journal | Publishing details | Whether peer reviewed impact Factor, if any | No. of Co-Authors | Whether you are the First author | Sponsoring Agency & Expenditure |
| International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), | e-ISSN: 2319-8753 Volume 10, Issue 6, June 2021 | 7.512 | 5 | No | -- |
| International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), | e-ISSN: 2319-8753 Volume 10, Issue 6, June 2021 | 7.512 | 5 | No | -- |
| International Journal of Multidisciplinary Research in Science, Engineering and Technology (IJMRST) | e-ISSN: 2582-7219 Volume 4, Issue 6, June 2021 | 5.928 | 5 | No | -- |
| International Journal of Multidisciplinary Research in Science, Engineering and Technology (IJMRST) | e-ISSN: 2582-7219 Volume 4, Issue 6, June 2021 | 5.928 | 5 | No | -- |
| <i>Presented & Published in Conferences</i> | | | | | |
| Name of Conference | Institution & Supported by | Whether you are the First author | No. of Co-Authors | Sponsoring Agency & Expenditure | Remark |
| -- | -- | -- | -- | -- | -- |

3. Knowledge Enhancement Programs Attended

| <i>Cat A - Within Institution / Group</i> | | | |
|---|-------------------|--|--|
| | No. of Days/Weeks | Date | Host Institution/ Organization |
| | | [DD/MM/YY] | |
| Group A: | | | |
| STTP/SDP/FDP | - | - | GNIT Nagpur |
| Group B: | | | |
| Workshop/Seminar/Conferences | 3 | 20 th –22 nd July.20 | GNIT Nagpur |
| | 1 | 08-01-21 | |
| | 3 | 12 th –15 th April.21 | |
| | 1 | 30 th June.21 | |
| <i>Cat B - Outside Group</i> | | | |
| | No. of Days/Weeks | Date | Host Institution/ Organization |
| | | [DD/MM/YY] | |
| Group A: | | | |
| STTP/SDP/FDP | 4 | 7 th -10 th May.20 | K.C college of Engineering & Management Studies |
| Group B: | | | |
| Workshop/Seminar/Conferences | 3 | 28 th –30 th April.20 | Atharva college of Engineering,Mumbai. |
| | 1 | 4 th May.20 | Ramdeobaba college of Engineering |
| | 4 | 7 th -10 th May.20 | K.C college of Engineering & Management Studies |
| | 7 | 25 th - 01 st July.20 | KDK College of Engineering, Nagpur |
| | 2 | 13 th -14 th July 2020 | Anjuman College of Engineering & Technology,Nagpur |

4. Sponsored Research

| Scheme | Agency | Status | Date of (Award/ Submission) | Grant Received |
|--------|--------|----------------------|--------------------------------|----------------|
| | | (Awarded/ Submitted) | | |
| SPDP | -- | -- | -- | -- |
| SG | -- | -- | -- | -- |

5. Consultancy/Internal Revenue Generation (IRG) [For UGC & MR Faculty]

| Nature of Work | Agency | | Duration of Work | | Amount |
|----------------|--------|----|----------------------------|----|--------|
| | | | [Mention start & End Date] | | |
| -- | -- | -- | -- | -- | -- |

6. AWL (Annual Work Plan) Plan Implementation

| S.No. | Target | Achieved/ Not Achieved | | Reasons | |
|-------|----------|------------------------|--------------|-------------------|----|
| | | | | [If Not Achieved] | |
| 1 | IC-A | -- | -- | -- | -- |
| 2 | IJ-A | -- | -- | -- | -- |
| 3 | Workshop | Achieved | -- | -- | -- |
| 4 | STTP | -- | Not Achieved | Lockdown | -- |
| 5 | Proposal | Achieved | AICTE | -- | -- |

7. Understanding of Outcome based education

| Subjects for which CO's ready | Mapping done [Yes/No] | | Attainment done [Yes/No] | | |
|-------------------------------|-----------------------|-----------------------|--------------------------|------------|-----|
| | CO's with PO's/PSO's | PO's/PSO's with PEO's | CO's | PO's/PSO's | |
| Transportation Engineering-I | Yes | Yes | Yes | Yes | Yes |
| Surveying-II | Yes | Yes | Yes | Yes | Yes |
| Transportation Engineering-II | Yes | Yes | Yes | Yes | Yes |
| Engineering Geology | Yes | Yes | Yes | Yes | Yes |

8. Department of Technology Enhanced Learning (DTEL Status)

| Sem | Allotted Subject | Completion Status | % DTEL Material used in Classroom |
|------|------------------|-------------------|-----------------------------------|
| ODD | TE-II / EG | Completed | 55% |
| EVEN | TE-I / Sur.-II | Completed | 55% |

9. Interactions - Student & Faculty

| | | |
|----------------|--|-------------------|
| Student | Time Table Slot details | 12:00 To 01:00 PM |
| | No. of Hours/week | 1 Hr. |
| | Whether the log is maintained properly (Y/N) | Yes |
| Faculty | Frequency of Departmental Meetings (Weekly/Fortnightly/Monthly) | Yes |
| | No. of Meetings held | 32 |
| | No. of meetings attended | 30 |

10. Best Practices, IPR & Content Beyond Syllabus

| | | |
|---|---|---|
| Best Practices used for Curriculum Delivery [Innovations in T-L Process] | 1 | Guest Lecture |
| | 2 | Industrial based Teaching Learning & Site Visits |
| | 3 | Regular Webinar & Seminar for Communication Skill |
| | 4 | Mini Project & Major Project |
| | 5 | Case Study on Live Project & Research Paper Publication |
| IPR Related efforts | 1 | Intellectual Property Rights- One Day Workshop |
| Topics taken as regards Content Beyond Syllabus | 1 | Advance Technique in Surveying |
| | 2 | Building Drawing using AutoCAD |
| | 3 | Design & Planning using Sketch Software |

11. Any other Significant achievement

| S.No. | Achievement |
|-------|-------------|
| 1 | -- |
| 2 | -- |

[Attach all documentary evidences wherever applicable]

[B] Subjective Appraisal

| Sr. No. | Parameter | [Yes / No] |
|----------------|--|-------------------|
| 1 | Punctuality | Yes |
| 2 | Timely completion of responsibility | Yes |
| 3 | Any Innovative idea/Best practice implemented | Yes |
| 4 | Communication Skills | Yes |
| 5 | Usefulness to the Department | Yes |
| 6 | Understanding of Outcome Based Education (OBE) | Yes |

[C] Over & above weightage [Documentary evidence to be attached]

| Sr. No. | Parameter | [Yes / No] |
|----------------|---|-------------------|
| 1 | Honorary Consultancy | No |
| 2 | Publication in Indexed Journal [Journals mentioned in Policy] | No |
| 3 | Monograms, Books, Chapters | No |
| 4 | Patent Awarded | No |
| 5 | Ph.D. Pursuing | Yes |
| 6 | Member Board of Studies or other Portfolio at University/ HO/ | Yes |
| 7 | Head of Department | Yes |
| 8 | Incharge – Admissions, University Exams, NSS, Sports, Faculty | Yes |
| 9 | Membership of Professional Societies | Yes |

D] Appraisal Evaluation Summary

| Sr. No. | Appraisal Parameters | | | | | | Maximum Marks | Marks Scored | |
|---------------------------------|--------------------------------------|----------|----------|----------|----------|----------|---------------|--------------|----------|
| [A] | Academic Appraisal | | | | | | [230] | | |
| 1 | Teaching & Learning | | | | | | [30] | 30 | |
| A | Average % Result (Theory): | | | | | | 6 | 6 | |
| | UG | 6 | 5 | 4 | 3 | 2 | | | 1 |
| | I | 90-100 | 80-89 | 70-79 | 60-69 | 55-59 | | | 50-54 |
| | II | 90-100 | 80-89 | 70-79 | 60-69 | 55-59 | | | 50-54 |
| | III | 96-100 | 90-95 | 80-89 | 70-79 | 60-69 | | | 55-59 |
| | IV | 96-100 | 90-95 | 85-89 | 80-84 | 75-79 | | | 70-74 |
| | | | | | | | | | |
| | PG | 6 | 5 | 4 | 3 | 2 | | | 1 |
| | I | 96-100 | 90-95 | 80-89 | 70-79 | 60-69 | | | 55-59 |
| | II | 96-100 | 90-95 | 85-89 | 80-84 | 75-79 | | | 70-74 |
| | Average % Class Engagement | | | | | | 6 | 6 | |
| | | 6 | 5 | 4 | 3 | 2 | | | 1 |
| | | 96-100 | 90-95 | 85-89 | 80-84 | 75-79 | 70-74 | | |
| | Average % Student Attendance | | | | | | 6 | 6 | |
| | | 6 | 5 | 4 | 3 | 2 | | | 1 |
| | | 96-100 | 90-95 | 80-89 | 75-79 | 70-74 | 65-69 | | |
| | Average % Syllabus Completion | | | | | | 6 | 6 | |
| | | 6 | 5 | 4 | 3 | 2 | | | 1 |
| | 96-100 | 90-95 | 85-89 | 80-84 | 75-79 | 70-74 | | | |
| Average % Feedback Score | | | | | | 6 | 6 | | |
| | 6 | 5 | 4 | 3 | 2 | | | 1 | |
| | 96-100 | 90-95 | 80-89 | 75-79 | 70-74 | 60-69 | | | |

| | | | | | | | | |
|---|----------------------------------|--|--------------------|-------|--------------------|--|------|----|
| 2 | Publications | | | | | | [35] | 18 |
| | Journals: | | | | | | 20 | 10 |
| | Cat A | | | Cat B | | | | |
| | 20 | | | 10 | | | | |
| | Conferences organized by: | | | | | | 15 | 8 |
| | Cat A Institutions | | Cat B Institutions | | Cat C Institutions | | | |

| | | | | | |
|--|----|---|---|--|--|
| | 15 | 8 | 5 | | |
| Cat A: Institutes of National Importance (IITs, IIMs, IISc Bangalore, NITs) | | | | | |
| Cat B: Deemed Universities, NBA/NACC Accredited Institutions, Professional Societies & Other Government Institutions | | | | | |
| Cat C: Private Institutions | | | | | |

| | | | | | | | |
|----------|--|--------------------|--------------------|--|--|-------------|-----------|
| 3 | Knowledge Enhancement Programs Attended | | | | | [30] | 23 |
| | Group A: STTP/SDP/FDP (Minimum 1 week) | | | | | | |
| | Cat A Institutions | Cat B Institutions | Cat C Institutions | | | 20 | 15 |
| | 20 | 15 | 5 | | | | |
| | Group B: Workshop/Seminar/Conferences | | | | | | |
| | Cat A Institutions | Cat B Institutions | Cat C Institutions | | | 10 | 8 |
| | 10 | 8 | 5 | | | | |

| | | | | | | | |
|----------|---------------------------|-----------|---|-----------|--|-------------|----------|
| 4 | Sponsored Research | | | | | [30] | 0 |
| | In-house | | External Agency (Through MGI-R&D Cell) | | | | |
| | Awarded | Submitted | Awarded | Submitted | | 30 | 0 |
| | 10 | 5 | 20 | 10 | | | |

| | | | | | | | |
|----------|---------------------------------|---------|-------|-------|--|-------------|----------|
| 5 | Consultancy/IRG – Amount | | | | | [10] | 0 |
| | 2+ Lacs | 1+ Lacs | 50 K+ | 25 K+ | | 10 | 0 |
| | 10 | 5 | 3 | 2 | | | |

| | | | | | | | |
|----------|--|-------|-------|-----|--|-------------|-----------|
| 6 | AWL Plan Implementation – Achievement % | | | | | [20] | 15 |
| | 96-100 | 81-95 | 75-80 | <75 | | 20 | 15 |
| | 20 | 15 | 10 | 0 | | | |

| | | | | | | | |
|----------|---|-------------|-------------------|---------------|---------------------|-------------|-----------|
| 7 | Understanding of Outcome Based Education | | | | | [25] | 25 |
| | CO Ready | CO's Mapped | PO's/PSO's Mapped | CO's Attained | PO's/PSO's Attained | 25 | 25 |
| | 5 | 5 | 5 | 5 | 5 | | |

| | | | | | | | |
|----------|------------------|--|------------------------|--|--|-------------|-----------|
| 8 | DTEL | | | | | [10] | 10 |
| | Material Created | | Material Used (20-40%) | | | | |
| | 5 | | 5 | | | 10 | 10 |

| | | | | | | | |
|----------|---|--|--|--|--|-------------|-----------|
| 9 | Interactions - Student & Faculty | | | | | [15] | 15 |
|----------|---|--|--|--|--|-------------|-----------|

| | | | | | |
|--|----------------------------|-----|------|----|----|
| | Log is maintained properly | | | 5 | 5 |
| | Meetings Attended | | | 10 | 10 |
| | 100% | 75% | <75% | | |
| | 10 | 5 | 0 | | |

| | | | | | |
|-----------|--|---------------------|-------------------------|-------------|-----------|
| 10 | Best Practices, IPR & Content Beyond Syllabus [Minimum 1 expected in each category] | | | [15] | 15 |
| | Best Practices used for Curriculum Delivery | IPR Related efforts | Content Beyond Syllabus | 15 | 15 |
| | 5 | 5 | 5 | | |

| | | | | | |
|-----------|--|--|--|-------------|----------|
| 11 | Any other Significant Achievement [5 Marks/Achievement, Maximum 2 Achievements] | | | [10] | 0 |
|-----------|--|--|--|-------------|----------|

| | | | | | |
|------------------|--|--|--|--------------|------------|
| Total [A] | | | | [230] | 151 |
|------------------|--|--|--|--------------|------------|

| | | | | | |
|------------|---|--|--|-------------|-----------|
| [B] | Subjective Appraisal | | | [30] | 30 |
| 1 | Punctuality | | | 5 | 5 |
| 2 | Timely completion of responsibility | | | 5 | 5 |
| 3 | Any Innovative idea/Best practice implemented | | | 5 | 5 |
| 4 | Communication Skills | | | 5 | 5 |
| 5 | Usefulness to the Department | | | 5 | 5 |
| 6 | Understanding of OBE | | | 5 | 5 |

| | | | | | |
|------------------|--|--|--|-------------|-----------|
| Total [B] | | | | [30] | 30 |
|------------------|--|--|--|-------------|-----------|

| | | | | | |
|------------|---|--|--|-------------|-----------|
| [C] | Over & Above Weightage | | | [40] | 22 |
| 1 | Honorary Consultancy | | | 4 | 0 |
| 2 | Publication in Indexed Journal [Journals mentioned in Policy] | | | 4 | 0 |
| 3 | Monograms, Books, Chapters | | | 5 | 0 |
| 4 | Patent Awarded | | | 5 | 0 |
| 5 | Ph.D. Pursuing | | | 4 | 4 |
| 6 | Member Board of Studies or other Portfolio at University/ HO/ Institutional Level | | | 4 | 4 |
| 6 | Head of Department | | | 5 | 5 |
| 7 | Incharge – Admissions, University Exams, NSS, Sports, Faculty Conferences, MKCL, AICTE, DTE, MSBTE work | | | 5 | 5 |
| 8 | Membership of Professional Societies | | | 4 | 4 |

| | | |
|------------------|-------------|-----------|
| Total [C] | [40] | 22 |
|------------------|-------------|-----------|

| | | |
|---------------------------|--------------|------------|
| Total: [A]+[B]+[C] | [300] | 203 |
|---------------------------|--------------|------------|

| | | | |
|------------------------------------|-------------------|---------------------|---------------------------------|
| Name of the faculty member: | | | |
| Department: | | | |
| Overall Grading Marks | Percentage | [Out of 300] | Marks & Grade Scored |
| Outstanding | ≥ 90% | - | Satisfactory |
| Excellent | ≥ 80% | - | |
| Very Good | ≥ 70% | - | |
| Satisfactory | ≥ 60% | 67.67 | |
| Average | < 60% | - | |

Signature & Name of the Assessing Officer

Concurrence of the Principal:

Do you agree with the assessment of the assessing officer:
YES / NO

If NO, reasons thereof:

Summary of Annual Progress Report for Session 2020-21

Civil Engineering Department

Date:

| Sr.No | Name of Faculty | Teaching & Learning | Publication | Knowledge enhancement programs attended | Sponsored Research | Consultance /IRG-Amount | AWL Planning Implementation-Achievement | Understanding of outcome based Education | DTEL | Interaction Student & Faculty | Best Practices, IPR & Content beyond syllabus | Any Other significant Achievement | Total | % | B.3 Subjective Appraisal | | | Over & Above weightage (C) | Total Marks Scored (A+B+C) | Remark | % |
|-------|----------------------------|---------------------|-------------|---|--------------------|-------------------------|---|--|------|-------------------------------|---|-----------------------------------|-------|-------|--------------------------|-----|-------|----------------------------|----------------------------|--------|-------|
| | | | | | | | | | | | | | | | Subjective Appraisal | % | Total | | | | |
| | | | | | | | | | | | | | | | 30 | | 260 | | | | |
| 1 | Prof. Suishant M. Gaibhive | 30 | 18 | 23 | 0 | 0 | 15 | 25 | 10 | 15 | 15 | 0 | 151 | 65.65 | 30 | 100 | 181 | 22 | 203 | | 67.67 |
| 2 | Prof. Raju A. Bondre | 30 | 18 | 23 | 0 | 0 | 15 | 25 | 10 | 15 | 15 | 0 | 151 | 65.65 | 30 | 100 | 181 | 13 | 194 | | 64.67 |
| 3 | Prof. Fanindra F. Katre | 30 | 18 | 23 | 0 | 0 | 15 | 25 | 10 | 15 | 15 | 0 | 151 | 65.65 | 30 | 100 | 181 | 9 | 190 | | 63.33 |
| 4 | Prof. Arpita A. Nandanwar | 30 | 18 | 20 | 0 | 0 | 15 | 25 | 10 | 15 | 15 | 0 | 148 | 64.35 | 30 | 100 | 178 | 9 | 187 | | 62.33 |

HOD CE