

Internal Quality Assurance Cell (IQAC)

Annual Quality Assurance Report (AQAR)



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution

Sou Sushila Danchand Ghodawat Charitable Trust's
Sanjay Ghodawat Group of Institutions
(Engineering and Management)

1.2 Address Line 1

Gat No 583 to 585

Address Line 2

A/P. Atigre Taluka : Hatkanangale,
Dist - Kolhapur, Maharashtra,
PIN Code 416118.

City/Town

Kolhapur

State

Maharashtra

Pin Code

416118

Institution e-mail address

director@sginstitute.in

Contact Nos.

0230-2463700

Name of the Head of the Institution:

Dr. V. A. Raikar

Tel. No. with STD Code:

0230-2463700

Mobile:

9011039811

Name of the IQAC Co-ordinator:

Mr. Abhijit A. Patil

Mobile:

7028025707

IQAC e-mail address:

iqac@sginstitute.in

1.3 NAAC Track ID

MHCOGN23086

1.4 NAAC Executive Committee No. & Date:

EC (SC)/08/A&A/10.1

June 25, 2015

1.5 Website address:

<http://www.sginstitute.in>

Web-link of the AQAR:

<http://www.sginstitute.in/AQAR2015-16.pdf>

1.6 Accreditation Details

| Sl. No. | Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|---------|-----------------------|-------|------|-----------------------|-----------------|
| 1 | 1 st Cycle | A | 3.18 | 2015 | 5 years |
| 2 | 2 nd Cycle | | | | |
| 3 | 3 rd Cycle | | | | |
| 4 | 4 th Cycle | | | | |

1.7 Date of Establishment of IQAC : DD/MM/YYYY

7th July 2011

1.8 AQAR for the year

2015-16

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

NA

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and
community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders:

Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

1. Outcome based education is followed by the institute under the guidance and surveillance of the IQAC
2. As per the suggestions given by the IQAC to the college management, interviews for approved posts were conducted in the month of February and category wise posts were filled up.
3. Academic audits were arranged regularly.
4. Modifications were made in the academic diary.
5. Review of academic achievements of each department.
6. Fixation of KPI for departments
7. Departmental financial audit and budget finalization.
8. Initiation of ISO-2015
9. The institute has started Center of Excellence in Metal Forming (Foundry) in collaboration with MSME PPDC Agra for offering certificate programs for skill development of persons engaged in foundry.
10. Generation of API format
11. Amendments were made in the R and D policies and budgets were allocated to the departments as per their requirement of for R and D activities.
12. Awareness program was arranged in order create awareness of quality education amongst all faculty members.
13. Orientation program for newly recruited (approved) faculty members.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved at the end of year.

| Targets given to all departments in AY 2015-16 for student activities to be conducted and actions taken for each activity | | | |
|---|--|--------|----------|
| Sr. No. | Activity | Target | Achieved |
| 01. | Expert / Guest Lectures for the Students | 33 | 29 |
| 02. | No. of Co curricular activities | 17 | 16 |
| 03. | No. of Extra-curricular activities | 14 | 13 |
| 04. | No. of Industrial/site Visits | 28 | 30 |

| | | | |
|-----|--|--------------|-----|
| 05. | No. of Value Added Training Programs | 14 | 15 |
| 06. | No. of publications (UG) | 19 | 37 |
| 07. | No. of students attending conference (UG) | 13 | 6 |
| 08. | No. of publications (PG) | 25 | 12 |
| 09. | No. of students attending conference (PG) | 14 | 2 |
| 10. | No. of Student Chapter Activities | 9 | 5 |
| 11. | No. of Students placed | All eligible | 117 |
| 12. | Successful no. of students in competitive examinations such as GATE/GRE/CAT/MPSC/UPSC etc. | 52 | 1 |
| 13. | No. of students in university merit list | 9 | 5 |
| 14. | Parent meet | 7 | 2 |
| 15. | Alumni meet | 6 | 3 |
| 16. | No. of ISR activities / outreach programs | 10 | 6 |

| Targets given to all departments in AY 2015-16 for faculty activities to be conducted and actions taken for each activity | | | |
|---|--|------------|----------|
| Sr. No. | Activity | Planned | Achieved |
| 01. | No. of faculty pursuing PhD | 28 | 21 |
| 02. | Workshop/STTP/FDP arranged | 15 | 17 |
| 03. | No. of faculty attending Workshop/STTP/FDP | 55 | 66 |
| 04. | No. of Conferences organized | 8 | 7 |
| 05. | No. of Seminars organized | 33 | 31 |
| 06. | No. of faculty members attending the conference | 44 | 26 |
| 07. | No. of publications | 56 | 72 |
| 08. | No. of faculty having interaction with outside world | 24 | 20 |
| 09. | Revenue through Consultancy and Testing | 1,15,000/- | 73,125/- |
| 10. | No. of proposals submitted to funding agency | 19 | 10 |
| | No. of proposals sanctioned if any worth Rs. | 4 | 0 |
| 11. | No. of MOU with Industry | 18 | 6 |
| 12. | No. of MOU with Institute/Department/Laboratory | 9 | 2 |
| 13. | No. of IPRs | 5 | 0 |

| | | | |
|-----|---|----|----|
| 14. | No. of faculty having membership of professional body | 60 | 47 |
|-----|---|----|----|

Academic Calendar in Annexure - I

2.15 Whether the AQAR was placed in statutory body Yes

Management Syndicate Any other body

Provide the details of the action taken:

1. Recruitments of faculty were done as per the requirement at each department.
2. Additional practice sessions of difficult subjects for FE students were arranged and as a result FE results were found to be raised by 10% (all clear result). Due to regular monitoring at the departmental level SE, TE and BE results were found to be improved in respective departments.
3. Targets for utilizing vacation period and the period before commencement of semester Of AY 2016-17 for self development were given to all faculty members and as a result number of publications were increased.
4. EDP Cell was made more efficient than earlier.
5. Number of companies visiting for recruitment were increased that lead to the improvement in Placements
6. Department wise number of MOUs increased in AY 2015-17.
7. Considering the shortfalls in R and D activities, R and D coordinator with the consent of director and management, modified R and D policies. Accordingly budgets requirements of different departments for R and D activities were sanctioned proactively by the management.
8. Targets for various activities were given to all the departments at the beginning of next AY 2016-17.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|------------------------|-------------------------------|--|-------------------------------------|--|
| PhD | -- | -- | -- | -- |
| PG | 4 | -- | 4 | -- |
| UG | 5 | -- | 5 | -- |
| PG Diploma | -- | -- | -- | -- |
| Advanced Diploma | -- | -- | -- | -- |
| Diploma | -- | -- | -- | -- |
| Certificate | -- | 2 | 1 | 2 |
| Others | -- | -- | -- | -- |
| Total | 9 | 2 | 10 | 2 |

| | | | | |
|-------------------|----|---|----|----|
| Interdisciplinary | -- | 1 | -- | -- |
| Innovative | -- | 1 | -- | 1 |

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

| Pattern | Number of programmes |
|-----------|----------------------|
| Semester | 9 |
| Trimester | -- |
| Annual | -- |

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

**Details available in Annexure-II*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

The Syllabi are updated every five year at Shivaji University level. The faculty members of all the departments have active participation in the syllabus revision and updating activities at the University level. Two faculty members are working as members of the Board of Studies at University,

1. Prof. Dr V. V. Kulkarni Department of Mechanical Engineering
2. Prof. Dr. S. M. Shiyekar Department of Civil Engineering
3. Dr Abid Salati Faculty of Mnagemant

The syllabus for all the six programs are revised as listed below,

1. B. E. Mechanical Engineering
2. B. E. Civil Engineering
3. B. E. Computer Science and Engineering
4. B. E. Electronics and Telecommunication Engineering
5. B. E. Electrical Engineering

1.5 Any new Department/Centre introduced during the year. If yes, give details.

The institute have started Center of Excellence in Metal Forming (Foundry) in collaboration with MSME PPDC Agra for offering certificate programs for skill development of persons engaged in foundry.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|-------|------------------|----------------------|------------|--------|
| 106 | 95 | 5 | 6 | - |

2.2 No. of permanent faculty with Ph.D.

| |
|----|
| 13 |
|----|

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|------------------|---|----------------------|----|------------|----|--------|---|-------|---|
| R | V | R | V | R | V | R | V | R | V |
| 142 | - | 6 | 32 | 6 | 12 | - | - | - | - |

2.4 No. of Guest and Visiting faculty and Temporary faculty

| | | |
|---|---|---|
| 4 | 7 | - |
|---|---|---|

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|------------------|---------------------|----------------|-------------|
| Attended | 18 | 14 | 26 |
| Presented | 48 | 8 | - |
| Resource Persons | 1 | 12 | 9 |

2.6 Innovative processes adopted by the institution in Teaching and Learning:

| Details |
|--|
| Implementation of Outcome based education learning |
| Implementation of ICT in teaching-learning process namely MOOC, Moodle. |
| Project based learning; experiential learning, active learning and case based learning, value added training programs. |
| Reinforcement Parallel Teaching Learning for FE students |
| Extra study hours and interaction session after college hours |
| Using teaching aids video films , multimedia (NPTEL) |
| Presentation , Seminars , Guest Lectures ,Industrial visit |
| Mentoring/counseling. |

2.7 Total No. of actual teaching days

during this academic year

210

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Online MCQ, photocopy and Revaluation

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

13

05

09

2.10 Average percentage of attendance of students

78.08

2.11 Course/Programme wise distribution of pass percentage:

| Title of the Programme | Total no. of students appeared | Division | | | |
|------------------------|--------------------------------|---------------|-------|------|--------|
| | | Distinction % | I % | II % | Pass % |
| Mechanical | 137 | 45.08 | 45.08 | 9.83 | 89.05 |
| E&Tc | 150 | 75.83 | 10 | - | 86 |
| CSE | 128 | 51.56 | 41.4 | 0.7 | 93.75 |
| Electrical | 105 | 75 | 25 | - | 100 |
| Civil | 120 | 57.08 | 41.44 | 1.47 | 97.45 |
| MBA | 107 | 07 | 32 | 59 | 98 |

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

1. Academic audits are conducted twice in a semester to evaluate and monitor the departmental performances including semester results, strategies for difficult subjects, number of visits conducted, number of students placed, number of papers published etc.
2. Department heads and Central coordinator meetings are arranged twice in a semester to monitor the activities conducted at departmental and central level.

2.13 Initiatives undertaken towards faculty development

| <i>Faculty / Staff Development Programmes</i> | <i>Number of faculty benefitted</i> |
|--|-------------------------------------|
| Refresher courses | 8 |
| UGC – Faculty Improvement Programme | 4 |
| HRD programmes | 2 |
| Orientation programmes | 6 |
| Faculty exchange programme | 2 |
| Staff training conducted by the university | 2 |
| Staff training conducted by other institutions | 32 |
| Summer / Winter schools, Workshops, etc. | 102 |
| Others | 13(seminars) |

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|----------------------|-------------------------------|----------------------------|--|--|
| Administrative Staff | 26 | - | 11 | 22 |
| Technical Staff | 6 | - | - | 32 |

Criteria III

Research, Consultancy & Extension

3.1 Initiatives of the HOD in Sensitizing/Promoting Research Climate in the department

- Timely availability or release of resources;
- Availability of adequate infrastructure and human resources;
- Financial assistance is given to the faculty towards Conference Registration to attend &/or present papers.
- A faculty member who has obtained admission for Ph. D degree can be considered for grant of 'Study Leave'.
- There is a separate provision of Rs. 25,000/- budget every Academic Year to each department for research activity support purpose.
- Experts & Scientists are invited frequently in the campus to interact with research scholars;
- To promote research culture among the students and faculty members, institute has procured latest equipments, updated the library facilities and subscribed for the research journals & e-journals.
- The students are encouraged to participate in different tech-fest, Science fair, Technical paper competitions.
- All the departments of the institute also organize seminars/workshops/different activities to create curiosity among the students as well as to get a chance to meet the distinguished experts from the related area.
- Institution initiates and promotes MOU with industries and R&D agencies/organizations.
- Sanjay Ghodawat Group of Industries comprising of Ghodawat Agro, Consumer Products, Energy, Mining, Retail, Textile, Star Oxochem Chemicals and Excelus star foodbev allow and share their premises and facilities for carrying out research for solving their problems related to processes, method and management.

3.2 Details regarding major projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|---------|------------|-----------|
| Number | -- | -- | -- | 3 |
| Outlay in Rs. Lakhs | -- | -- | -- | 102.3L |

3.3 Details regarding minor projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|---------|------------|-----------|
| Number | 1 | -- | 2 | 6 |
| Outlay in Rs. Lakhs | 0.2 | -- | 0.4 | 5.0 |

3.4 Details on research publications

| | International | National | Others |
|--------------------------|---------------|----------|--------|
| Peer Review Journals | 29 | 04 | -- |
| Non-Peer Review Journals | 12 | -- | -- |
| e-Journals | 06 | -- | -- |
| Conference proceedings | 19 | 06 | 0 |

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations:

| Nature of the Project | Duration Year | Name of the funding Agency | Total grant sanctioned | Received |
|----------------------------|---------------|--|----------------------------|----------|
| Major projects | -- | -- | -- | -- |
| Minor Projects | -- | -- | -- | -- |
| Interdisciplinary Projects | -- | -- | -- | -- |
| Industry sponsored | | | | |
| Mech (03) | 2015-16 | 1) 2 Projects of Pushparaj Enginners, Gokul Shirgaon | Rs.12,000/- Rs.14,470/- | -- |
| | | 2) 1 Project of Creative | Rs.83,600/- | -- |

| | | | | |
|---|---------|-----------------------------|--------------|--------------|
| | | Thermal Systems, Sangli | | |
| Civil | 0 | 0 | 0 | 0 |
| CSE | 2015-16 | Sanjeevan Agro | Rs.25,000/- | -- |
| E&TC | 0 | 0 | 0 | 0 |
| Elec | 2015-16 | Sanmati Group of Industries | Rs. 28,000/- | Rs. 10,000/- |
| BSH | 0 | 0 | 0 | 0 |
| Total | | | Rs. 88,070/- | Rs. 10,000/- |
| Projects sponsored by the University/ College | -- | -- | -- | -- |
| Students research projects | -- | -- | -- | -- |
| Any other(Specify) | -- | -- | -- | -- |
| Grand Total | | | Rs. 79,470/- | Rs. 10,000/- |

3.7 No. of books published

| | | | |
|-------|---------------|------------------|--------------------------|
| | With ISBN No. | Without ISBN No. | Chapters in Edited Books |
| Total | -- | -- | -- |

3.8 No. of University Departments receiving funds from

| | | | | | |
|-------|---------|-----|-----|----------|------------------|
| | UGC-SAP | DPE | CAS | DST-FIST | DBT Scheme/funds |
| Total | 0 | 0 | 0 | 0 | 0 |

3.9 For colleges

| | | | | | | |
|-------|----------|---------|-----|----|-----------------|---------------------|
| | Autonomy | INSPIRE | CPE | CE | DBT Star Scheme | Any Other (specify) |
| Total | - | - | - | - | - | - |

3.10 Revenue generated through consultancy

| | |
|------------|-----------------|
| Dept. | Amount (in Rs.) |
| Mechanical | 7500/- |
| Civil | 22,000/- |
| Electical | 28,000/- |
| MBA | 29,125/- |
| Total | Rs. 86,625/- |

3.11 No. of conferences organized by the Institution

| | International | National | State | University | College |
|---------------------------|---------------|----------|-------|------------|---------|
| Total Number | -- | -- | -- | -- | -- |
| Total Sponsoring agencies | -- | -- | -- | -- | -- |

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any Other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

| | From Funding agency | From Management of University/College | Total |
|-------|---------------------|---------------------------------------|-------------|
| Total | Nil | 19,90,000/- | 19,90,000/- |

3.16 No. of patents received this year

| Type of Patent | | Number |
|----------------|---------|--------|
| National | Applied | -- |
| | Granted | -- |
| International | Applied | -- |
| | Granted | -- |
| Commercialised | Applied | -- |
| | Granted | -- |

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year 2015-16

| Total | International | National | State | University | Dist | College |
|-------|---------------|----------|-------|------------|------|---------|
| 02 | 1 | 0 | 0 | 1 | | 1 |

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

| Ph. D. Guides | Students registered under them |
|---------------|--------------------------------|
| 08 | 24 |

3.19 No. of Ph.D. awarded by faculty from the Institution: NIL

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

| | JRF | SRF | Project Fellows | Any other |
|-------|-----|-----|-----------------|-----------|
| Total | -- | -- | -- | 02 |

3.21 No. of students Participated in NSS events:

| | University level | State level | National level | International level |
|-----------------|------------------|-------------|----------------|---------------------|
| No. of students | 100 | | | |

3.22 No. of students participated in NCC events:

| | University level | State level | National level | International level |
|-----------------|------------------|-------------|----------------|---------------------|
| No. of students | -- | -- | -- | -- |

3.23 No. of Awards won in NSS:

| | University level | State level | National level | International level |
|--------------------------|------------------|-------------|----------------|---------------------|
| No. of Awards won in NSS | -- | | | -- |

1. AICA Best Infrastructure Award at Mumbai on 22nd Jan 2016.
2. Lokmat Education Icon Award in Feb 2016 by Lokmat Media
3. 2nd rank for TOP Engineering Institutes amongst Kolhapur, Sangli and Satara region.
4. 8th rank for TOP Private Engineering Institutes in Maharashtra.
5. 44th rank for TOP Private Engineering Institutes in India.
6. 86th rank amongst all Private plus Govt. Engineering Institutes in India.

3.24 No. of Awards won in NCC:

| | University level | State level | National level | International level |
|--------------------------|------------------|-------------|----------------|---------------------|
| No. of Awards won in NCC | -- | -- | -- | -- |

3.25 No. of Extension activities organized

| | University Forum | College Forum | NSS | NCC | Any Other |
|---------------------------------------|------------------|---------------|-----|-----|-----------|
| No. of Extension activities organized | | 01 (E&TC) | 6 | | |

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Donations from institute/trust

1. FD of Rs. 5 lakhs was presented to the wife of Lance Naik Hanmanthappa Koppad who was recently martyred in Siachen Glacier due the avalanche.
2. FD of Rs. 5 lakhs was presented to the wife of Sahid Pandurang Gawade.

SGI Social foundation club

1. A donation of 3000/- Rs to Shree A. L. More for marriage of his daughter
2. A donation of 5000/- Rs to the School for Mentally challenged Students
3. 24th Jan 2016 “ Swachh Bharat Abhiyan ”
4. Cleaning Camp at Tahasil Office, Police Station & Bus stand Hatkanagle 24th Jan 2016.
5. Blood Donation camp on 28th Feb 2016.
6. PAN card registration between 27th to 30th Jan 2016.
7. Financially supporting underprivileged desiring & meritorious students for admission in YCMOU
8. Fodder Distribution to Draught affected area 26th Feb 2016
9. “Surya Mitra Skill development programm” sponsored by NISE Gurgaon(Haryana) in association with MEDA, MCED for 30 Students from rural background.

Activities under WEC (Women Empowerment Cell)

1. One day workshop on “ Rakhi making and decorative material making” 7th July 2016
2. A one day workshop on “Candle Making” 2nd Jan 2016
3. Women’s day celebration 8th March 2016

Institute has MoU with Deshpande foundation to carry out various outreach & extension activities

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

| Facilities | Existing | Newly created | Source of Fund | Total |
|---|--|---|-----------------------------------|---|
| Campus area | 37.8 acres | - | Sanjay Ghodawat Charitable Trust. | 37.8 acres |
| Class rooms | 42Nos. | - | | 42 Nos. |
| Laboratories | 48 No's | - | | 48 Nos |
| Seminar Halls | 6 no's | - | | 6 no's |
| No. of important equipments purchased (\geq 1-0 lakh) during the current year. | 1) Civil- 14 Nos 2) Mechanical- 23 Nos 3) E&Tc-10 Nos 4) CSE-11 Nos 5) BSH -01 6) Electrical -05 | 1) Civil-01 2) Mechanical- 01 3) E&Tc-02 4) CSE-01 | Sanjay Ghodawat Charitable Trust | 1) Civil-15Nos 2) Mechanical- 24 3) E&Tc- 12 4) CSE- 12 5) BSH – 01 6) Electrical -05 |
| Value of the equipment purchased during the year (Rs. in Lakhs) | 1) Civil— Rs.108.53 2) Mechanical- Rs.191.77 3) E&Tc – Rs.91.15 4) CSE - Rs.76.41 5) BSH – Rs.17.33 6) Electrical- Rs.105.67 7) MBA- 42.98 | 1) Civil— Rs.1.23 2) Mechanical- Rs.3.03 3) E&Tc a) Rs. 1.01 b) Rs.4.02 4) CSE - Rs.3.11 | Sanjay Ghadawat Charitable Trust | 1) Civil— Rs.109.76 2) Mechanical- Rs.194.8 3) E&T- Rs.96.18 4) CSE - Rs.79.52 5) BSH- Rs.17.33 6) Electrical – Rs 105.67 7) MBA- 42.98 |
| Others | -- | CCTV Camera installed in SGI campus | Sanjay Ghadawat Charitable Trust | ----- |

4.2 Computerization of administration and library

- | |
|--|
| 1) Administration Office- 14 PC+ 6 printers 2) Account office – 9 PC + 6 Printers 3) Director Office – 6PC+ 6Printers 4) Library - 27 PC +2 Printer + 1 SLIM21 Software |
|--|

4.3 Library services:

| | Existing | | Newly added | | Total | |
|------------------|------------|--------|-------------|--------|--------|--------|
| | Title | Volume | Title | Volume | Title | Volume |
| Text Books | 1259 | 4947 | 103 | 274 | 1362 | 5221 |
| Reference Books | 5034 | 19789 | 411 | 1095 | 5445 | 20884 |
| e-Books | 1496 | 1496 | 515 | 515 | 2011 | 2011 |
| Journals | 95 | 95 | 95 | 95 | 95 | 95* |
| e-Journals | 2436 | 2436 | 1770 | 1770 | 4206 | 4206 |
| Digital Database | Web course | 50,000 | 23724 | 23724 | 73724 | 73724 |
| CD & Video | 12000 | 12,000 | 160 | 160 | 12,160 | 12,160 |
| Others (specify) | - | - | - | - | - | ----- |

* Library journals are renewed and continued.

4.4 Technology up gradation (overall)

| | Total Computers | Computer Labs | Internet | Browsing/ Computer Centres | Office | Departments | Others |
|----------|-----------------|---------------|----------|----------------------------|---------|-------------|-----------------------------------|
| Existing | 1073 | 24 | 50 Mbps | 02 | 02 Nos. | 06 Nos. | 19 CCTV,20 UPS, Cyberoam Firewall |
| Added | Nil | 01 | 50 Mbps | 00 | 00 | 00 | 50 CCTV,5 UPS,Sonicwall |
| Total | 1073 | 25 | 100 Mbps | 02 | 02 | 06 Nos. | 69 CCTV,25 UPS, Sonicwall |

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Governance etc.)

- 1) ETC department, lecture on **Networking** by Mr. Santosh Naik was organised for final year E& TC Students on 15 July 2015.
- 2) Workshop **on Computer fundamentals and Internet** by Mr. Kishor More to all clerks' lab assistants was organised on 23 Oct 2015.

4.6 Amount spent on maintenance in lakhs:

| | |
|--|----------------------|
| i) ICT | Rs.2,71,649 |
| ii) Campus Infrastructure and facilities | Rs.67,37,439 |
| iii) Equipments | Rs.13,32,597 |
| iv) Others | Rs.42,548.17 |
| Total: | Rs.83, 84,194 |

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The institute's prime focus is on high academic performance, through outcome based learning and evaluation process. IQAC helps to maintain and sustain quality parameters of the institute in every aspect of academics. Learning is made student-centric through series of lectures, seminars, presentations and industrial visits.

In order to promote the institute's vision, the IQAC contributes in the following ways –

1. Project exhibition competition for BE students. Prizes are given for best project.
2. Facilities required for the use of ICT are provided by management.
3. Funding is provided for selected projects.
4. Best outgoing student is identified every year from both faculty of engineering as well as management.
5. Effective monitoring of academic processes. Academic audit is arranged once/twice in a semester.
6. As per the result analysis of previous year, strategies are developed at the beginning of semester for improving the result. Also after the final result, remedial classes are arranged for slow learners.
7. Additional remedial/problem solving lectures/study hours for FE students were conducted.
8. The MBA students were given more hands on exposure through case studies, role plays, group discussions, Industrial visits and importantly the two months Summer Internship Programme which is mandatory for all students.
9. The quality of teaching is monitored through feedback which is obtained from the students to assure quality in teaching and learning process. The students' academic progress is monitored regularly by a well structured and executed mentorship program.

5.2 Efforts made by the institution for tracking the progression

The institute keeps track of student progression through following-

- 1) Annual Alumni Meet
- 2) Social Networking platforms
- 3) Institute's Website

5.3 (a) Total Number of students

(b) No. of students outside the state

(c) No. of international students

| | | | | | |
|------|-------|-----|-----|-------|-------|
| No | % | Men | No | % | Women |
| 1766 | 67.05 | | 868 | 32.95 | |

| Last Year 14-15 | | | | | | This Year 15-16 | | | | | |
|-----------------|-----|----|---------|----------------------------------|-------|-----------------|---------|----|---------|----------------------------------|-------|
| General | SC | ST | OB C | Physical ly Challeng ed | Total | Genera l | SC | ST | OB C | Physical ly Challeng ed | Total |
| 1523 | 216 | 3 | 420 | 10 | 2172 | 1565 | 24 1 | 03 | 441 | 04 | 2256 |

Demand ratio 72.33%

Dropout 2%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- GATE exam preparation lectures for BE students
- Books are available in the library for GATE exam preparation
- Lectures on competitive examinations preparation for MPSC, UPSC, GRE & TOFEL to BE students
- Books are available in the library for MPSC, UPSC, GRE & TOFEL exam preparation
- Career Guidance Cell takes active participation in guiding the students for competitive examinations

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT

IAS/IPS etc State PSC UPSC Others

5.6 Details of student counselling and career guidance

Under the student counselling and career guidance cell, various activities are conducted like –

- 1) GATE exam preparation lectures for BE
- 2) Soft Skills trainings through in-house and outsourced agency
- 3) A MOU with ‘Campus Credentials’ agency for Career guidance to students.
- 4) Expert lectures from both industry as well as academia experts are conducted to guide the students on better career choices.

No. of students benefitted

633

5.7 Details of campus placement

| On campus | | | Off Campus |
|---------------------------------|---------------------------------|---------------------------|---------------------------|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 80 | 600 | 135 | 78 |

5.8 Details of gender sensitization programmes

Various activities year round are conducted under the women empowerment cell and the Anti sexual harassment Cell. Few of the activities are –

- 1) International Women’s Day Celebration
- 2) Health check up camp
- 3) Expert lectures on Women Empowerment
- 4) Various Competitions for gender sensitisation
- 5) The Anti sexual harassment Cell conducts a meeting every semester to address any complaints or the activities to be conducted for gender sensitisation in the campus.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

| | Number of students | Amount |
|--|--------------------------|----------|
| Financial support from institution | 20 | 200000 |
| Financial support from government | 893 (DSW S/F) | 48764003 |
| | 68 (STC/PTC) | 272000 |
| | 795 (EBC) | 26562294 |
| | 74 (Minority) | 1850000 |
| | 6 (Physical Handicap) | 431864 |
| Financial support from other sources | ---- | ----- |
| Number of students who received International/ National recognitions | ----- | ----- |

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

The institute has addressed the following major grievances received from the students -

- 1) Increasing in the study room timing
- 2) Increase in number of state and municipal transportation vehicles
- 3) Wi-fi Connectivity to be improved and regularised
- 4) Increase in area of enclosed parking
- 5) Increase in number of buses owned by the trusts as per the request received from the students.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

The vision and Mission of SGI are listed below:

VISION

To emerge as a Leader in Engineering & Management Education and Research by providing Value based Quality education with World class infrastructure and strengthening strategic linkage with Industry, Premier Institutions and thereby shouldering Social responsibility.

MISSION

To provide students with value based quality education in engineering and management by-

1. Adopting innovative teaching learning practices that create proactive leadership.
2. Developing state of the art infrastructure that promotes a conducive ambience promoting innovation and research.
3. Fostering mutually beneficial partnerships with alumni, industry and institutes.
4. Inculcating ethics and values to develop socially responsible citizens and promote entrepreneurship.

6.2 Does the Institution has a management Information System

Yes, The Institution has a Management Information System. The academic records like attendance and progress of students is maintained through the College Management System. Student related data, academic performance, internal examination evaluation and monitoring etc. is a part of the MIS.

The Director and Dean – Academics have access and can retrieve the information as and when needed for monitoring as well as for corrective actions, if any.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The Engineering programmes as well as the MBA programme is affiliated to Shivaji University. The institute does not have academic autonomy and thus has to abide by the curriculum designed by the respective Board of Studies and academic council of the Affiliating University.

However, the Faculty is encouraged to add value to the existing courses by way of Value Added Training, bridge module courses for their respective subjects. This applies for every department.

B.E, curriculum is revised effective from 2015-16. The discussions are held in the departmental meeting for up gradation of the curriculum and those inputs are given in the workshops arranged by university. During AY 2015-16, faculties have attended workshops for change in curriculum of BE.

Recently, the MBA part – I curriculum has been revised. Weightage for practical sessions is the highlight of the revised syllabus.

Dr. V. V. Kulkarni, Mechanical department and Dr. S. M. Shiyekar, Civil department and Dr. Abid Salati from Faculty of Management are members of the Board of Studies of Shivaji University BOS members in the university.

6.3.2 Teaching and Learning

- 1) The institute's prime focus is on high academic performance, through outcome based learning and evaluation process.
- 2) Learning is made student-centric through series of lectures, seminars, presentations and industrial visits. IQAC helps to maintain and sustain quality parameters of the institute in every aspect of academics.
- 3) For the effective teaching-learning, the process defined is as follows:
- 4) Preparation of calendar of event and calendar of activities, preparation of course file by individual faculty, preparation of course plan (course wise), maintaining the academic diary throughout semester, weekly report of syllabus coverage, monitoring of monthly attendance, result analysis of internal tests (CAT-I and II) and final exam, academic audits. Department wise annual reports are placed before AAC (Academic Advisory Council) and GB (Governing Body) members and are approved by them. Their valuable suggestions are accepted and implemented.
- 5) Facilities required for the use of ICT are provided by management.
- 6) Project exhibition competition for BE students. Prizes are given for best project.
- 7) Funding is provided for selected projects.
- 8) Best outgoing student is identified every year from both faculty of engineering as well as management.
- 9) Effective monitoring of academic processes. Academic audit is arranged once/twice in a semester.
- 10) As per the result analysis of previous year, strategies are developed at the beginning of semester for improving the result. Also after the final result, remedial classes are arranged for slow learners.
- 11) Additional remedial/problem solving lectures/study hours for FE students were conducted.
- 12) The MBA students were given more hands on exposure through case studies, role plays, group discussions, Industrial visits and importantly the two months Summer Internship Programme which is mandatory for all students.
- 13) The quality of teaching is monitored through feedback which is obtained from the students to assure quality in teaching and learning process. The students' academic progress is monitored regularly by a well structured and executed mentorship program.

6.3.3 Examination and Evaluation

The Faculty of Engineering conducts CAT I and CAT II Engineering Faculty

1. Two -internal Continuous Assessment Tests (CAT-I and II) are conducted as per the university question paper pattern. Term work (Internal marks) is based on CAT marks.
2. Merit scholarships are given to class wise toppers of each branch.
3. Awareness lecture of new exam and term work software implementation for non-teaching staff by Shivaji University.
4. A mid-test and a preliminary test was conducted for MBA I and II students for preparing them for the final examination. As per the guidelines the scores in the tests were considered for internal assessment of students.
5. Apart from the internal test students were evaluated on the basis of their performance in the field assignments like mini-projects, live projects, Seminars and presentations.

6.3.4 Research and Development

1. Study leaves (10 days per semester) are given to faculties for doing PhD.
2. Financial support is provided by the management for presenting research papers in conferences, seminars etc. As well as duty leaves are given for attending seminars, conferences, STTP's etc.
3. Incentives are given for the publication in referred journal. The policy regarding incentives to be given to the faculties for project fetched by them is also formed.
4. Establishment of advisory board that can help in the development of R and D cell.
5. Budget is sanctioned by the management for strengthening departmental R and D (for purchasing of instruments required for R and D).

6.3.5 Library, ICT and physical infrastructure / instrumentation

1. Every year budget for library is sanctioned by the management according to the increased intake and requirement of additional books, journals and e-journals. All the requirements of digital library are fulfilled by the institute.

Library awareness programs are arranged by the library coordinator for faculty/students at regular intervals.

Details of Library resources as on date

| | Existing | | Newly added | | Total | |
|------------------|------------|--------|-------------|--------|--------|--------|
| | Title | Volume | Title | Volume | Title | Volume |
| Text Books | 1259 | 4947 | 103 | 274 | 1362 | 5221 |
| Reference Books | 5034 | 19789 | 411 | 1095 | 5445 | 20884 |
| e-Books | 1496 | 1496 | 515 | 515 | 2011 | 2011 |
| Journals | 95 | 95 | 95 | 95 | 95 | 95 |
| e-Journals | 2436 | 2436 | 1770 | 1770 | 4206 | 4206 |
| Digital Database | Web course | 50,000 | 23724 | 23724 | 73724 | 73724 |
| CD & Video | 12000 | 12,000 | 160 | 160 | 12,160 | 12,160 |
| Others (specify) | - | - | - | - | - | ----- |

6.3.6 Human Resource Management

The institute has a dedicated Human Resource Development Cell. The prime responsibility of this cell is to cater to the training needs of students as well as teaching and non-teaching staff with an objective of instilling a sense of confidence in areas like communication skills, presentation skills, analytical skills, technical skills and soft skills in general so that they could be moulded as all round professionals.

6.3.7 Faculty and Staff recruitment

In the month of February, UGC selection interviews were conducted for all vacant posts like category posts, associate and professor posts in each program (branch) of the institute and accordingly faculties are recruited.

6.3.8 Industry Interaction / Collaboration

1. Institute has department wise industry interaction (MOUs) through which BE students got projects of their respective programs, in AY 2015-16.
2. Industry interaction has helped in the improvement of curriculum.

6.3.9 Admission of Students

1. Students are admitted to the institute through CAP rounds.
2. The seats are allotted and filled by DTE as per the norms (Admissions are diversified)

6.4 Welfare schemes for

| | |
|--------------|--|
| Teaching | Staff Quarters, study leave (for PhD, Post Doctorate), medical leave, marriage leave, staff uniform, Tuition fee concession for one child (in the school), PF, yearly insurance policies, SGI Co-operative credit society. |
| Non teaching | Staff uniform, medical leave, personal development trainings, Tuition fee concession for one child (in the school), PF, yearly insurance policies, SGI Co-operative credit society. |
| Students | Scholarships, medical facility at campus, library books for year wise toppers. |

6.5 Total corpus fund generated

62 crores generated by trust

6.6 Whether annual financial audit has been done

Yes No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

| Audit Type | External | | Internal | |
|----------------|----------|---------|----------|----------------------|
| | Yes/No | Agency | Yes/No | Authority |
| Academic | Yes | ISO | Yes | IQAC members |
| Administrative | Yes | ISO/LIC | Yes | Mr. Prakash A. Desai |

6.8 Does the University/ Autonomous College declare results within 30 days? : NA

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

NA

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

NA

6.11 Activities and support from the Alumni Association

1. Involvement of alumni members in IQAC cell.
2. Delivering lecture for existing students regarding current/latest requirements by employer.
3. Feed back is given by alumni student during alumni meet for the improvement in the quality of different processes in the institute which helps in the development of curriculum.
4. Alumni supported in the training and placement activity as well.

6.12 Activities and support from the Parent – Teacher Association

1. Parent meet is arranged every year that helps in getting inputs for the growth of the institute.
2. Other way of communication with parents is through letters. Academic calendar is sent at the beginning of every semester, letters for the performances their wards after each internal test are also sent etc.

6.13 Development programmes for support staff

1. Computer literacy program.
2. Ownership program.
3. ARC awareness program.
4. Admission awareness lecture.

6.14 Initiatives taken by the institution to make the campus eco-friendly

1. Provision for rainwater harvesting for ground water level in the SGI campus
2. Provision for solid waste and hazardous management in the SGI campus
3. Provision for carbon neutrality in the SGI campus
4. Wastewater reuse process had been developed
5. Energy conservation methods adopted in campus
6. Use of Solar energy in the entire campus
7. Green campus. More plantation than earlier

Criterion – VII

Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- i) Environment Consciousness
- ii) A Green Audit of its campus and facilities
- iii) The initiatives taken by the college to make the campus eco friendly
- iv) Energy Conservation: We believe that there is a close connection between energy use in buildings and environmental damage arises because energy-intensive solutions sought to construct a building and meet its demands for heating, cooling, ventilation, and lighting cause severe depletion of invaluable environmental resources hence, our class rooms, offices, gymnasium, canteen, hostels & staff quarters are provided with enough ventilation & illumination to cut down energy use at day time. Purchase department and faculties are instructed to purchase energy saving (BEE certified) appliances. Instructions provided near switches to switch off lights & fans while leaving the room. 150 Solar Street Lights are installed in entire campus. Desktops have been bought with LCD screen to save on energy. Roof top solar water heating system (10 Kw) has been installed. CFLs/ LEDs are used to conserve energy. Printing is minimized and is always taken on both sides of the paper. The College installs a spirit of energy saving in all stakeholders, particularly among the students.
- v) Use of renewable energy: 150 Solar street lamps are installed in the entire campus. Solar water heaters are provided in hostel & staff quarters having capacity of 500 liters each. 10 MW grids connected Solar Electricity Generating System installed.
- vi) Water harvesting: Rain water harvesting is important part of building construction at SGI all buildings are provided with roof water harvesting structures. Appropriate plumbing arrangement has been done for rain water harvesting. Check dam, nalla bunds structures are constructed scientifically in campus. A ground water recharge well is provided Institute encourages NGOs working in the field of rainwater harvesting by providing funding

- vii) Check dam construction: One check dam is constructed in canal flowing through campus area
- viii) Plantation: SGI has developed green belt on 16 acres. Total 25 labours including 2 gardeners, 2 supervisors and 1 in-charge has been employed to maintain lawns and greenery. Sprinklers are provided for watering. Treated water from STP(Sewage Treatment Plant) is reused for gardening purpose. Organic Waste Converter is proposed to treat organic waste generated in campus and manure is used for gardening purpose. NSS students take active participation in tree plantation. Indigenous and exotic species are selected with the help of horticulturist. Institute has planted 8870 trees in and around campus,
- ix) Hazardous Waste Management: Institute is in process of registration with Common Hazardous Waste Treatment Storage and Disposal facility. SGI will observe strict compliance of Rules & Regulations in this regard. Eco-club encourage students on Hazardous Waste Management
- x) E- waste management: All the e-waste generated within campus will be store separately and disposed off through authorized vendors
- xi) Central Steering Committee (CSC) - Central Steering Committee have been established for academic year 2015-16. Under this cell 36 various cells were functioning. Each cell is headed by faculty members who were working as central coordinators under which faculty members from each department as departmental coordinators were working. CSC makes the schedule for various activities for complete academic year 2015-16. The review of each cell had been taken in a Central Steering Committee meeting held in every month in presence of Director, heads of department and central coordinators.
- xii) IQAC Cell - IQAC Cell have been established for academic year 2015-16. Under this cell 16 various cells were been formed. Each cell is headed by faculty members who were working as central coordinators. Under this cell faculty members from each department as a departmental coordinators were working. IQAC cells monitors smooth academic work and maintains proper documentations. The review of each cell have been taken in a IQAC Cell meeting held in twice in a semester in presence of Director, heads of department and central coordinators.
- xiii) Key Performance Indicator report (KPI) - Each department heads, presents a copy in CSC meeting regarding targets to be achieved in current academic year. These targets

were decided by each departments based on the performance in last three academic years. The action plan is also prepared for fulfillment of the targets.

- xiv) Student Feedback System: College online feedback system has helped faculty members assess their performance in the eyes of students. The instructions given by the Management has helped faculty members improve their performance. This has made them more confident and student sensitive.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year.

- i) Calendar activities: Calendar activities and Calendar events were prepared at the beginning of the semester.
- ii) Innovations - Paperless Office: Group Email services and Biometric Attendance system which helps to maintain the attendance of the staff and in turn it results in paperless office.
- iii) The ERP system: This was introduced in our college since 2011. This system helps the Institute management, Director, HOD's and Faculty to view the academic details of the student.
- iv) Research Activities: More emphasis is given on Research activities and publication of research papers by faculty members and students in different conferences/seminar/journals
- v) Faculty Seminars: Faculty seminars are conducted in each department. This has promoted a culture of faculty members keeping abreast with the latest technological developments in their field of interest as well as sharing and cross fertilization of ideas.
- vi) Encouragement for higher studies: Faculty members are encouraged to pursue higher studies during their tenure of service. Study Leave is also granted to faculty members who are registered for Ph.D.
- vii) Faculty Development Program: Soft skill and technical programs help the student and faculty to develop their communication skills, body language and the ability to converse with others. The staff members develop their knowledge and skills by attending these

types of programs. Through these programs they are able to teach current trends to the student and motivate them to undertake the projects for community in social development

- viii) Performance Monitoring: Continuous evaluation and regular monitoring and review of performance of teachers based on online feedback system and percentage of passes is conducted on a regular basis
- ix) Mentorship Program: For every 15 students, one teacher is allocated as a mentor. Special attention is required towards weak students in a class to improve their result. The college has introduced a structured system whereby weak students are identified and paired for an academically bright student who helps him with his difficulties, assignments etc. Also good students of final year conduct doubt clearing interactive sessions.
- x) Course Plan: Faculty members prepared a course plan with review questions on each unit and one 100 marks model question paper based on syllabus provided by the university. This course plan is made available to students in the central library and Institute website. Students are allowed to take copies of the same.
- xi) Remedial Classes: These are conducted for selected difficult subjects for the students of I, II and III year. These classes helped them in improving the passing percentage and catering to weak students.
- xii) ICT: It is employed in teaching-learning process.
- xiii) E-learning: NPTEL video lectures and content management system are used regularly.
- xiv) MoU Sign: MoU signed with many IT Industries and Institutes. Through these MoU the Industry representatives deliver lectures to the students and the staff to develop themselves based on the needs of the industry.
- xv) Latest & Sophisticated equipment added every year with industries: The latest equipments are purchased every year for the development of the academic and infrastructure.
- xvi) Entrepreneurship Cell: Workshops are conducted to inculcate Entrepreneurship and leadership skills among students.

7.3. Give two Best Practices of the institution

i) Student Feedback System: College online feedback system has helped faculty members assess their performance in the eyes of students. The instructions given by the Management has helped faculty members improve their performance. This has made them more confident and student sensitive.

ii) Outcome Base Education (OBE) – SGI is implementing outcome base education system in the institute. Three departments namely Civil Engineering, Mechanical Engineering, Faculty of Management was accredited by NBA in the academic year 2015-16 in new format based on OBE system.

7.4 Contribution to environmental awareness / protection.

- i) All engineering second year students conducted environmental studies project every year.
- ii) Faculty participated in national workshops in environmental engineering and studies

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (For example SWOT Analysis)

- i) Suryamitra skill development education programme was conducted at SGI on dated 20-05-2016 organised by Central Government of India.
- ii) Metallurgical school and skill development programme SSC/HSC started in academic year 2015-16 under Ministry for Micro Small and Medium Enterprise, Central Government of India, Agra.
- iii) SGI conducted various competition programme of each department under co-curricular and extra-curricular activities.
- iv) SGI implementing a scheme to distribute books through library to topper students in every year
- v) Cooperative society formation is in process.

- vi) Provision for rainwater harvesting for ground water level in the SGI campus
- vii) Provision for solid waste and hazardous management in the SGI campus
- viii) Provision for carbon neutrality in the SGI campus
- ix) Institute's director Dr. Raikar sir was awarded "100 Most Influential Directors of India" as per the survey conducted by World education congress.
- x) Mrs. S. P. Patil, Basic Sciences and Humanities department received Best Teacher Award 2015 from Avishkar Foundation, Kolahpur.

Annexure-I

**Academic Calendar for Engineering
(FE)
Semester-I (2015-2016)**



Sou. Sushila Danchand Ghodawat
Charitable Trust's Group of Institutions
Integrated Campus with P.G. Institute of Faculty of Education & Management

| Week No | Month | Week Days | | | | | | Events |
|---|------------|----------------------------------|-----|-----|--|-----------------------|-----|--|
| | | Mon | Tue | Wed | Thu | Fri | Sat | |
| 1 | July (10) | 20 | 21 | 22 | 23 | 24 | 25 | 20 : Term Commencement |
| 2 | | 27 | 28 | 29 | 30 | 31 | 1 | |
| 3 | Aug. (23) | 3 | 4 | 5 | 6 | 7 | 8 | 4: Display of attendance for July |
| 4 | | 10 | 11 | 12 | 13 | 14 | 15 | 10: SGI Foundation Day; 15: Independence Day |
| 5 | | 17 | 18 | 19 | 20 | 21 | 22 | 22 & 24: *CAT I |
| 6 | Sept. (24) | 24 | 25 | 26 | 27 | 28 | 29 | 26: Marks Display |
| 7 | | 31 | 1 | 2 | 3 | 4 | 5 | 1, 2: Formative Feedback |
| 8 | Oct. (21) | 7 | 8 | 9 | 10 | 11 | 12 | 4: Display of attendance for August |
| 9 | | 14 | 15 | 16 | 17 | 18 | 19 | 15: Engineers' Day; 17: Ganesh Chaturthi |
| 10 | | 21 | 22 | 23 | 24 | 25 | 26 | 25: Bakri Eid (Id-Ul-Zuha) |
| 11 | | 28 | 29 | 30 | 1 | 2 | 3 | 2: Mahatma Gandhi Jayanti |
| 12 | Nov (13) | 5 | 6 | 7 | 8 | 9 | 10 | 1 & 5 : *CAT II, 5: Display of attendance for September. |
| 13 | | 12 | 13 | 14 | 15 | 16 | 17 | 7 : Marks Display |
| 14 | | 19 | 20 | 21 | 22 | 23 | 24 | 15,16 : Summative Feedback |
| 15 | Dec (13) | 26 | 27 | 28 | 29 | 30 | 31 | 22: Dusschra, 24: Moharam |
| 16 | | 2 | 3 | 4 | 5 | 6 | 7 | 7 : Teaching Closes |
| 17 | Jan (13) | 9 | 10 | 11 | 12 | 13 | 14 | 10, 11 & 12 : Diwali |
| 18 | | 16 | 17 | 18 | 19 | 20 | 21 | 16 to 20 : Preliminary Exam |
| Activities | | Tests & Marks Display | | | | Public Holiday | | |
| | | | | | | | | |
| 1. Monthly Student's counseling by department committee in first week of every month. 2. College will remain closed on every Sunday and first & third Saturday. 3. Soft skill / Aptitude Training will be arranged in college for all Students for 2 Hours/week. 4. Technical Session/Guest Lectures on SGI foundation day 10th August. 5. *CAT : Continuous Assessment Test. | | | | | | | | |
| Term Commencement | | Last Working Day | | | Practical Examination | | | |
| 20th July 2015 | | 30th Nov. 2015 | | | As per Shivaji University Notification | | | |

Date: 23/06/2015

Gat No. 583 -585 , ATIGRE, Taluka: Hatkanangale, Dist:
Kolhapur, PIN - 416 118. State: Maharashtra, INDIA

Dr. V. A. Raikar
Director

Academic Calendar for Engineering
(SE, TE & BE)
Semester- I (2015-2016)



Sou. Sushila Danchand Ghodawat
Charitable Trust's Group of Institutions
Pragati Campus, Unit No. 1, Vidya Vihar, Faculty of Engineering & Management

| Week No | Month | Week Days | | | | | | Events |
|--|------------------|-----------|-----------------------|-----|-----|--|-----|--|
| | | Mon | Tue | Wed | Thu | Fri | Sat | |
| 1 | June / July (26) | 29 | 30 | 1 | 2 | 3 | 4 | 29: Term Commencement |
| 2 | | 6 | 7 | 8 | 9 | 10 | 11 | |
| 3 | | 13 | 14 | 15 | 16 | 17 | 18 | 18: Ramdan Id |
| 4 | | 20 | 21 | 22 | 23 | 24 | 25 | |
| 5 | | 27 | 28 | 29 | 30 | 31 | 1 | |
| 6 | August (21) | 3 | 4 | 5 | 6 | 7 | 8 | 8, 10: CAT I (Continuous Assessment Test) |
| 7 | | 10 | 11 | 12 | 13 | 14 | 15 | 10: SGI Foundation Day; 15: Independence Day |
| 8 | | 17 | 18 | 19 | 20 | 21 | 22 | 19-20: Formative Feedback |
| 9 | | 24 | 25 | 26 | 27 | 28 | 29 | |
| 10 | September (22) | 31 | 1 | 2 | 3 | 4 | 5 | |
| 11 | | 7 | 8 | 9 | 10 | 11 | 12 | 12, 15: CAT II (Continuous Assessment Test) |
| 12 | | 14 | 15 | 16 | 17 | 18 | 19 | 14: Engineers' Day; 17: Ganesh Chaturthi |
| 13 | | 21 | 22 | 23 | 24 | 25 | 26 | 25: Bakri Id (Id-Ul-Zuha) |
| 14 | | 28 | 29 | 30 | 1 | 2 | 3 | 2: Mahatma Gandhi Jayanti |
| 15 | October (12) | 5 | 6 | 7 | 8 | 9 | 10 | 7-8: Summative Feedback |
| 16 | | 12 | 13 | 14 | 15 | 16 | 17 | 15: Term End; |
| 17 | | 19 | 20 | 21 | 22 | 23 | 24 | 22: Dasara; 24: Moharam |
| 18 | | 26 | 27 | 28 | 29 | 30 | 31 | |
| Activities | | | Tests & Marks Display | | | Public Holiday | | |
| | | | | | | | | |
| 1. Monthly Student's counseling by department committee in first week of every month. 2. College will remain closed on every Sunday and first & third Saturday. 3. Soft skill / Aptitude Training will be arranged in college for all Students for 2 Hours/week. 4. For details refer to the Department Academic Calendar | | | | | | | | |
| Term Commencement | | | Last Working Day | | | Practical Examination | | |
| | | | | | | As per Shivaji University Notification | | |

Date: 27/04/2015

Gat No. 583 -585 , ATIGRE, Taluka: Hatkanangale, Dist: Kolhapur,
PIN - 416 118. State: Maharashtra, INDIA

Dr. V.A. Raikar
Director

Academic Calendar

Even Semester (2015-16) Part- II



Sou. Sushila Danchand Ghodawat Charitable Trust's
Sanjay Ghodawat Group of Institutions

• NAAC 'A' Grade Accredited Institution • ISO 9001:2008 Certified Institution

| Week No | Month | Week Days | | | | | | Event & Activities |
|---------|-----------------------|-----------|-----|-----|-----|-----|-----|---|
| | | Mon | Tue | Wed | Thu | Fri | Sat | |
| 1 | December-January (27) | 28 | 29 | 30 | 31 | 1 | 2 | 28 : Commencement of Class work |
| 2 | | 4 | 5 | 6 | 7 | 8 | 9 | |
| 3 | | 11 | 12 | 13 | 14 | 15 | 16 | 15: Calling Parents of defaulter students; 16 : Socio-Cultural Talent Search |
| 4 | | 18 | 19 | 20 | 21 | 22 | 23 | |
| 5 | | 25 | 26 | 27 | 28 | 29 | 30 | 26 :Republic Day; 30: Calling Parents of defaulter students; |
| 6 | February(20) | 1 | 2 | 3 | 4 | 5 | 6 | 03 : Display of Attendance for January;04 - 6 : Formative Feedback; |
| 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 08-09 : CAT I; 12 : Display CAT I Marks & CAR I; |
| 8 | | 15 | 16 | 17 | 18 | 19 | 20 | 15 : Communication to Parents; |
| 9 | | 22 | 23 | 24 | 25 | 26 | 27 | 28-29 :Annual Social Gathering |
| 10 | March (22) | 29 | 1 | 2 | 3 | 4 | 5 | 03 : Display of Attendance for February; 05: Calling Parents of defaulter students; |
| 11 | | 7 | 8 | 9 | 10 | 11 | 12 | 7: Maha Shivratri; 12-14 : CAT II; |
| 12 | | 14 | 15 | 16 | 17 | 18 | 19 | 17: Display CAT II Marks & CAR II ; 17-19 : Summative Feedback |
| 13 | | 21 | 22 | 23 | 24 | 25 | 26 | 25: Project Exhibition Day, Graduation Day |
| 14 | Mar - April (12) | 28 | 29 | 30 | 31 | 1 | 2 | 28-29 : MakeUp / Improvement CAT; 30 : Display of Consol. CAT Marks & Attd.; 31:Communicate Detained Student's Parent ;1 : Parents Meet |
| 15 | | 4 | 5 | 6 | 7 | 8 | 9 | Theory / POE Examination |
| 16 | | 11 | 12 | 13 | 14 | 15 | 16 | |
| 17 | | 18 | 19 | 20 | 21 | 22 | 23 | |
| 18 | | 25 | 26 | 27 | 28 | 29 | 30 | |

| Activities | Tests, Marks & Attendance Display, Term Work Submission | Public Holiday | Calling Parents |
|---|---|----------------|-----------------|
| 1. Monthly Students Counseling by department committee in first week of every month 2. For Details refer to Department Academic Calender | | | |

| Term Commencement | Last Working Day | Theory Practical Examination (Tentative) |
|--------------------|------------------|--|
| 28th December 2015 | 26th March 2016 | Apr.16 |

#: Revision I
Date : 13/03/2016

Dr. V. A Raikar
Director



Cal No. : 583 to 585, Kolhapur - Sangli Highway, Post - Aligra - 416 116 Dist. - Kolhapur, Maharashtra, India
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**Academic Calendar for
Faculty of Management
Semester- I & III (2015-2016)**



**Sou. Sushila Danchand Ghodawat
Charitable Trust's Group of Institutions**
Inspired Education with multi-Discipline Faculty of Engineering & Management

| Week No | Month | Week Days | | | | | | Events |
|---|------------|-----------|----------------------------------|-----|-----|--|-----------------------|--|
| | | Mon | Tue | Wed | Thu | Fri | Sat | |
| 1 | June /July | 29 | 30 | 1 | 2 | 3 | 4 | |
| 2 | | 6 | 7 | 8 | 9 | 10 | 11 | |
| 3 | | 13 | 14 | 15 | 16 | 17 | 18 | 18: Ramjan Id |
| 4 | | 20 | 21 | 22 | 23 | 24 | 25 | 27: Term Commencement for MBA I |
| 5 | | 27 | 28 | 29 | 30 | 31 | 1 | 27-30 : Orientation for MBA I |
| 6 | August | 3 | 4 | 5 | 6 | 7 | 8 | 10: Term Commencement for MBA II |
| 7 | | 10 | 11 | 12 | 13 | 14 | 15 | 10: SGI Foundation Day; 15: Independence Day |
| 8 | | 17 | 18 | 19 | 20 | 21 | 22 | |
| 9 | | 24 | 25 | 26 | 27 | 28 | 29 | |
| 10 | September | 31 | 1 | 2 | 3 | 4 | 5 | 4: Display of attendance for August |
| 11 | | 7 | 8 | 9 | 10 | 11 | 12 | |
| 12 | | 14 | 15 | 16 | 17 | 18 | 19 | 15: Formative Feedback; 17: Ganesh Chaturthi, |
| 13 | | 21 | 22 | 23 | 24 | 25 | 26 | 25: Bakri Id (Id-Ul-Zuha) |
| 14 | | 28 | 29 | 30 | 1 | 2 | 3 | 28-1: Mid-test, 2: Mahatma Gandhi Jayanti |
| 15 | October | 5 | 6 | 7 | 8 | 9 | 10 | 5: Display of attendance for September. |
| 16 | | 12 | 13 | 14 | 15 | 16 | 17 | 6-8: Industrial Visit for MBA II, 10: Spectra |
| 17 | | 19 | 20 | 21 | 22 | 23 | 24 | 22: Dasara, 24: Moharam |
| 18 | | 26 | 27 | 28 | 29 | 30 | 31 | 28: Summative Feedback |
| 19 | November | 2 | 3 | 4 | 5 | 6 | 7 | 2-5: Preliminary Exam |
| 20 | | 9 | 10 | 11 | 12 | 13 | 14 | 10: Display of Internal Marks, 11: Diwali, 12: Padwa |
| 21 | | 16 | 17 | 18 | 19 | 20 | 21 | 14: Term End |
| 22 | | 23 | 24 | 25 | 26 | 27 | 28 | |
| Activities | | | Tests & Marks Display | | | | Public Holiday | |
| 1. Monthly Student's counselling by department committee in first week of every month. 2. College will remain closed on every Sunday and first & third Saturday. 3. Soft skill / Aptitude Training will be arranged in college for all Students for 2 Hours/week. 4. Technical Session/Guest Lectures on SGI foundation day 10th August. 5. Mini Project Exhibition & Paper Presentation Competition on 15th Sept | | | | | | | | |
| Term Commencement | | | Last Working Day | | | Practical Examination | | |
| 27th June | | | 1st Dec.2015 | | | As per Shivaji University Notification | | |

Date: 15/06/2015

Gat No. 583 -585 , ATIGRE, Taluka: Hatkanangale, Dist: Kolhapur,
PIN - 416 118. State: Maharashtra, INDIA

**Dr. V. A. Raikar
Director**

Academic Calender for
Faculty of Management
Even Semester II/IV (2015-2016)



**Sou. Sushila Danchand Ghodawat Charitable Trust's
Sanjay Ghodawat Group of Institutions**
• NAAC 'A' Grade • NBA Accredited • ISO 9001 : 2008 Certified

| Week No | Month | Week Days | | | | | | Event & Activities |
|---|--------------------------|-----------------------------------|-----|-----|-----|----------------|-----|---|
| | | Mon | Tue | Wed | Thu | Fri | Sat | |
| 1 | December-January (27) | 28 | 29 | 30 | 31 | 1 | 2 | 28 : Commencement of Class work for MBA - II |
| 2 | | 4 | 5 | 6 | 7 | 8 | 9 | 4 : Commencement of MBA - I |
| 3 | | 11 | 12 | 13 | 14 | 15 | 16 | 16 : Socio-Cultural Talent Search |
| 4 | | 18 | 19 | 20 | 21 | 22 | 23 | |
| 5 | | 25 | 26 | 27 | 28 | 29 | 30 | 26 : Republic Day; 29 : Formative Feedback |
| 6 | February (20) | 1 | 2 | 3 | 4 | 5 | 6 | 03 : Display of Attendance for January |
| 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 12-13 : AAKAR |
| 8 | | 15 | 16 | 17 | 18 | 19 | 20 | 19 : Shiv Jayanti, 20 : CSR Activity |
| 9 | | 22 | 23 | 24 | 25 | 26 | 27 | 28 -29 : Annual Social Gathering. |
| 10 | March (23) | 29 | 1 | 2 | 3 | 4 | 5 | 03 : Display of Attendance for February; 04 : Summative Feedback |
| 11 | | 7 | 8 | 9 | 10 | 11 | 12 | 07 : Maha Shivratri, 10 : Term End |
| 12 | | 14 | 15 | 16 | 17 | 18 | 19 | 11- 18 : End Term Exam |
| 13 | | 21 | 22 | 23 | 24 | 25 | 26 | 25 : Good Friday |
| 14 | Mar-April (12) | 28 | 29 | 30 | 31 | 1 | 2 | |
| 15 | | 4 | 5 | 6 | 7 | 8 | 9 | 08: Gudi Padva |
| 16 | | 11 | 12 | 13 | 14 | 15 | 16 | 14 : Ambedkar Jayanti; 15 : Ram Navami |
| Activities | | Tests, Marks & Attendance Display | | | | Public Holiday | | Exam |
| | | | | | | | | |
| 1. College will remain closed on first and third Saturday and every Sunday. 2. Soft Skill / Aptitude Training will be arranged in college for all students. 3. For Details refer to Department Academic Calender. | | | | | | | | |

| Term Commencement | Last Working Day | Examination |
|---|-----------------------------|--------------------------------|
| 28 th December, 2015/ 4 th January, 2016 | 10 th March 2016 | As per University Notification |

Date : 01/12/2015

Dr. V. A. Raikar
Director



Section No.: 583 to 585, Kolhapur - Sangli Highway, Aigre - 416 118, Dist.: Kolhapur, Maharashtra, India.
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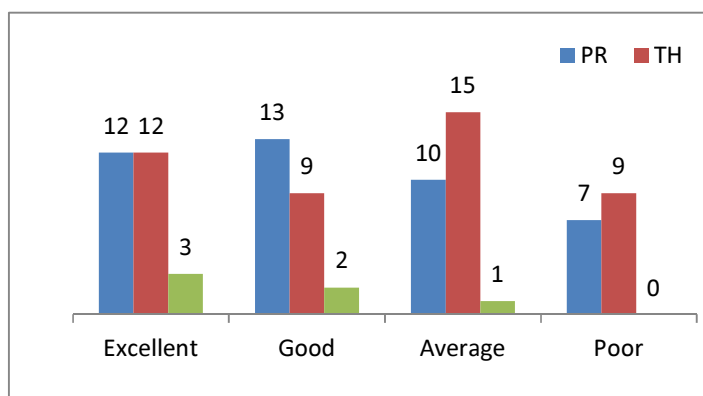
Annexure II

Student Feedback (for faculty)

Feedback Analysis Summative SEM I (2015-16)

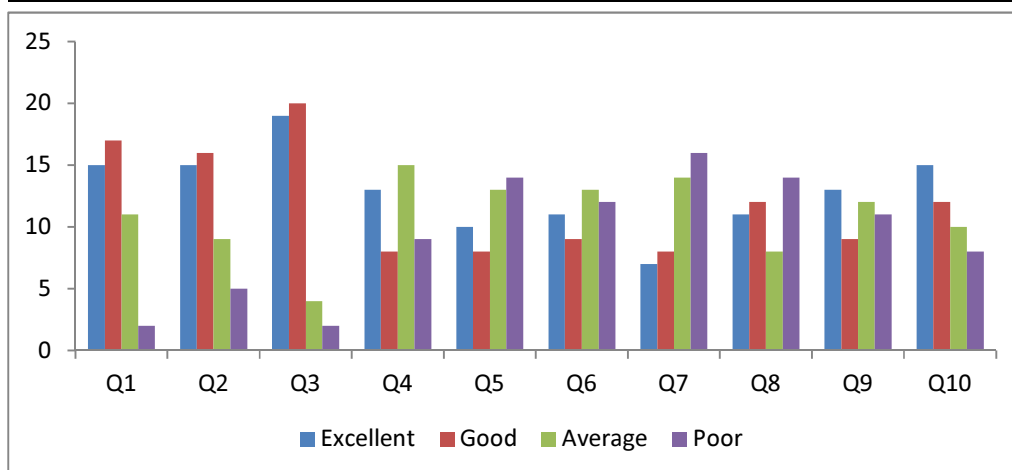
Faculty wise Feedback

| | PR | TH | TUT |
|-----------|----|----|-----|
| Excellent | 12 | 12 | 3 |
| Good | 13 | 9 | 2 |
| Average | 10 | 15 | 1 |
| Poor | 7 | 9 | 0 |
| Total | 42 | 45 | 6 |
| | 42 | 45 | 6 |



Question wise Feedback

| FE Theory SEM-I | | | | | | | | | | |
|-----------------|----|----|----|----|----|----|----|----|----|-----|
| | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 |
| Excellent | 15 | 15 | 19 | 13 | 10 | 11 | 7 | 11 | 13 | 15 |
| Good | 17 | 16 | 20 | 8 | 8 | 9 | 8 | 12 | 9 | 12 |
| Average | 11 | 9 | 4 | 15 | 13 | 13 | 14 | 8 | 12 | 10 |
| Poor | 2 | 5 | 2 | 9 | 14 | 12 | 16 | 14 | 11 | 8 |
| Total | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |



| FE Practical SEM-I | | | | | | | | | | |
|--------------------|----|----|----|----|----|----|----|----|----|-----|
| | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 |
| Excellent | 16 | 17 | 19 | 13 | 9 | 10 | 10 | 14 | 20 | 13 |
| Good | 13 | 15 | 15 | 12 | 12 | 12 | 6 | 7 | 7 | 13 |
| Average | 10 | 5 | 5 | 9 | 9 | 11 | 13 | 10 | 5 | 10 |
| Poor | 3 | 5 | 3 | 8 | 12 | 9 | 13 | 11 | 10 | 6 |
| Total | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |



Parent Feedback:

Parent Meet- 2015 Feedback Analysis in Percentage (%)

| Remark | Question 1 | Question 2 | Question 3 | Question 4 |
|---------------------|------------|------------|------------|------------|
| Excellent | 25.5 | 46.8 | 59.6 | 53.2 |
| Very Good | 44.7 | 46.8 | 36.2 | 38.3 |
| Good / Satisfactory | 14.9 | 6.4 | 4.3 | 8.5 |
| Not Required / Poor | 14.9 | 00 | 00 | 00 |

