

2014-15

Annual Quality Assurance Report (AQAR)



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

(NAAC Track ID. 14919)

(Under section 3 of UGC Act 1956)

Kattankulathur,
Kancheepuram District
Tamilnadu,
603203
(www.srmuniv.ac.in)



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
(Deemed to be University under section 3 of UGC Act 1956)
(www.srmuniv.ac.in)

Annual Quality Assurance Report (AQAR) of the IQAC

2014-15

PART – A

1. Details of the Institution

| | |
|--|---|
| 1.1 Name of the Institution | SRM institute of Science and Technology |
| 1.2 Address Line 1 | SRM Nagar |
| Address Line 2 | Kattankulathur, Kancheepuram District |
| City/Town | Chennai |
| State | Tamilnadu |
| Pin Code | 603203 |
| Institution e-mail address | registrar@srmuniv.ac.in |
| Contact Nos. | 044-27452270 |
| Name of the Head of the Institution: | Dr. Prabir Kumar Bagchi |
| Tel. No. with STD Code: | 044-2745 7005 |
| Mobile: | 9940036002 |
| Name of the IQAC Co-ordinator: | Prof. G. Augustine Maniraj Pandian |
| Mobile: | 8754593529 |
| IQAC e-mail address: | pcoordinator.iqac@ktr.srmuniv.ac.in |
| 1.3 NAAC Track ID(For ex. MHCOGN 18879) | 14919 |
| 1.4 NAAC Executive Committee No. & Date: (For Example EC/32/A&A/143 dated 3-5-2004. This EC no.is available in the right corner- bottom of your institution's Accreditation Certificate) | EC/RAR/62/115 dated 5th January 2013 |
| 1.5 Website address | www.srmuniv.ac.in |
| Web-link of the AQAR: | http://www.srmuniv.ac.in/iqac/internal-quality-assurance-cell |

1.6 Accreditation Details

| Sl. No. | Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|---------|-----------------------|----------------|----------------|-----------------------|-----------------|
| 1 | 1 st Cycle | B+ | NA | 2006 | 5 years |
| 2 | 2 nd Cycle | A | 3.5 | 2013 | 5 years |
| 3 | 3 rd Cycle | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| 4 | 4 th Cycle | Not Applicable | Not Applicable | Not Applicable | Not Applicable |

| | |
|---|-------------|
| 1.7 Date of Establishment of IQAC | 06 /07/2007 |
| 1.8 AQAR for the year(<i>for example 2010-11</i>) | 2014-15 |
| 1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC - <i>AQAR 2013-14 submitted to NAAC on 23-02-2015</i>) | |
| (i) AQAR for 2013-14 was submitted to NAAC on 23-02-2015 | |

| | | | | | | |
|--|--------------|---------|--------|---------|-------|--------|
| 1.10 Institutional status | | | | | | |
| University | State | Central | Deemed | Private | | |
| | -- | -- | ✓ | -- | | |
| | Yes | | | No | | |
| Affiliated College | -- | | | ✓ | | |
| Constituent College | -- | | | ✓ | | |
| Autonomous College of UGC | -- | | | ✓ | | |
| Regulatory Agency approved Institution (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 (<i>for the Colleges</i>) | Not applicable | | | | |

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

| Autonomy by State/Central Govt. / University | Not applicable, being a deemed to be university |
|---|--|
| UGC CPE | No |
| University with Potential for Excellence | No |
| UGC-Innovative PG programmes | No |
| UGC-COP Programmes | No |
| UGC-Special Assistance Programme | Yes |
| DST Star Scheme | No |
| Any other (<i>Specify</i>) | Not applicable |

2. IQAC Composition and Activities

| | | |
|---|---|--------------------------------|
| 2.1 No. of Teachers | 10 | |
| 2.2 No. of Administrative/Technical staff | 14 | |
| 2.3 No. of students | 3 | |
| 2.4 No. of Management representatives | 2 | |
| 2.5 No. of Alumni | 2 | |
| 2.6 No. of any other stakeholder and community representatives | 1 | |
| 2.7 No. of Employers/ Industrialists | 1 | |
| 2.8 No. of other External Experts | 1 | |
| 2.9 Total No. of members | 34 | |
| 2.10 No. of IQAC meetings held | 4 | |
| 2.11 No. of meetings with various stakeholders: | Faculty | Non-Teaching Staff Students |
| | Every meeting is attended by the stakeholders | |
| 2.12 Has IQAC received any funding from UGC during the year? | No | |
| If yes, mention the amount | Not applicable | |
| (i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC | Total Nos. | International |
| | 3 | -- |

2.14 Significant Activities and contributions made by IQAC

- NAAC reaccreditation with ‘A’ Grade
- Accreditation of four programs by Engineering Accreditation Commission (EAC) and one program by Computing Accreditation Commission (CAC) of ABET, USA.
- Efforts towards achieving World University rankings – QS, WUR and THE

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 by the end of the year *

| Plan of Action | Achievements |
|--|--|
| Submission of SSRs for Re-Accreditation of four programs by Engineering Accreditation Commission (EAC) of ABET, USA (www.abet.org) | Successful |
| Efforts towards achieving world university rankings | MoU with ICARE* concluded and the data submitted to QS, WUR and THE duly vetted by ICARE *(Indian Centre for Academic Rankings & Excellence) |
| Efforts towards getting UPE status | Report submitted to UGC |
| Improvement in Choice Based Flexible Credit System | Proposals submitted to University |

Academic Calendar of the year attached as Annexure I

| | | | |
|--|--|-----------|------------------|
| 2.15 Whether the AQAR was placed in statutory body | Yes | | |
| | Management | Syndicate | Any other body |
| | -- | -- | Academic council |
| Provide the details of the action taken | The points approved in the academic council have been implemented. | | |

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 | In all disciplines | - | In all disciplines | In all disciplines |
| PG | 121 | - | 121 | 121 |
| UG | 45 | 15 | 60 | 60 |
| PG Diploma | 4 | 2 | 6 | 6 |
| Advanced Diploma | - | - | - | - |
| Diploma | 6 | 8 | 14 | 14 |
| Certificate | 3 | 1 | 4 | 4 |
| Others | - | - | - | - |
| Total | 179 | 26 | 205 | 205 |

| | | | | |
|-------------------|----|---|----|----|
| Interdisciplinary | 55 | 2 | 58 | 58 |
| Innovative | 5 | 3 | 7 | 7 |

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

(ii) Pattern of programmes:

| Pattern | Number of programmes |
|-----------|----------------------|
| Semester | 118 |
| Trimester | - |
| Annual | 87 |

| | | | | |
|--|---|---------|-----------|----------|
| 1.3 Feedback from stakeholders (On all aspects) | Alumni | Parents | Employers | Students |
| | ✓ | ✓ | ✓ | ✓ |
| Mode of feedback: Online | Online | | Manual | |
| | ✓ | | ✓ | |
| Co-operating schools (for PEI) | -- | | | |
| <i>Feedback analysis on attainment of student outcomes is furnished in Annexure II. It is only a sample and similar analyses are made for different programs / aspects</i> | | | | |
| 1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects. | Complete revision of UG/PG curriculum for Engg & Tech. Outcome based curriculum. Introduction of multidisciplinary / inter disciplinary courses. Thrust on major design project at UG level. Mandatory publication requirement for PG projects. | | | |
| 1.5 Any new Department/Centre introduced during the year. If yes, give details. | School of Law | | | |

CRITERION – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|-------|------------------|----------------------|------------|--------|
| 2798 | 1754 | 95 | 235 | 714 |

| | |
|---|-----|
| 2.2 No. of permanent faculty with Ph.D. | 316 |
|---|-----|

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 |
| 127 | 137 | 4 | 12 | 1 | 30 | 13 | 0 | 145 | 179 |

2.4 No. of Guest and Visiting faculty and Temporary faculty

| Guest Faculty | Visiting Faculty | Temporary faculty |
|---------------|------------------|-------------------|
| - | 17 | -- |

2.5 Faculty participation in conferences and symposium:

| No. of Faculty | International level | National level | State level |
|------------------------------|---------------------|----------------|-------------|
| Attended Seminars/ Workshops | 54 | 130 | 652 |
| Presented papers | 466 | 490 | - |
| Resource Persons | 18 | 91 | 504 |

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

- Digital Courseware
- Active Learning laboratory
- Online tests

| | |
|---|-----|
| 2.7 Total No. of actual teaching days during this academic year | 245 |
|---|-----|

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

- Open Book Examination
- Bar Coding
- Double Valuation
- Photocopy
- Online Multiple Choice Questions

| | |
|---|-----|
| 2.9 No. of faculty members involved in curriculum Restructuring / revision / syllabus development as member of Board of Study/Faculty/Curriculum Development workshop | 682 |
|---|-----|

| | |
|---|------|
| 2.10 Average percentage of attendance of students | 84.6 |
|---|------|

2.11 Course/Programme wise distribution of pass percentage:

| Programs | Total Appeared | Total pass | Categorization of Pass | | | | | Pass* class | Overall pass % |
|---|------------------------------|------------|------------------------|-------|--------|---------|-----|-------------|----------------|
| | | | Distn. (%) | I (%) | II (%) | III (%) | | | |
| B.Tech Programs | KATTANKULATHUR CAMPUS | | | | | | | | |
| Civil Engineering | 344 | 283 | 25.3 | 49.8 | 7.3 | 0 | 0 | 82.4 | |
| Mechanical Engineering | 450 | 367 | 14.7 | 55.6 | 11.4 | 0 | 0.8 | 81.7 | |
| Computer Science and Engineering | 343 | 295 | 25.4 | 53.7 | 7 | 0 | 0 | 86.1 | |
| Electronics and Communication Engineering | 420 | 351 | 20 | 53.4 | 10.3 | 0 | 0.2 | 83.7 | |
| Electrical and Electronics Engineering | 242 | 205 | 22 | 56.2 | 6.7 | 0 | 0 | 84.9 | |
| Instrumentation and Control Engineering | 88 | 81 | 17.1 | 70.5 | 4.6 | 0 | 0 | 92.2 | |
| Chemical Engineering | 113 | 103 | 23.1 | 59.3 | 8.9 | 0 | 0 | 91.3 | |
| Information Technology | 186 | 150 | 15.6 | 55.4 | 9.7 | 0 | 0.5 | 80.7 | |
| Biotechnology | 184 | 153 | 19.6 | 62.5 | 1.1 | 0 | 0.5 | 83.2 | |
| Food and Process Engineering | 36 | 27 | 16.7 | 55.6 | 2.8 | 0 | 0 | 75.1 | |
| Automobile Engineering | 160 | 140 | 19.4 | 60.7 | 7.5 | 0 | 0 | 87.6 | |
| Bioinformatics | 53 | 46 | 18.9 | 64.2 | 3.8 | 0 | 0 | 86.9 | |
| Bio Medical Engineering | 68 | 52 | 13.3 | 60.3 | 3 | 0 | 0 | 76.6 | |
| Genetic Engineering | 81 | 43 | 6.2 | 43.3 | 5 | 0 | 0 | 54.5 | |
| Information and Telecommunication Engineering | 117 | 110 | 30 | 59.9 | 4.3 | 0 | 0 | 94.2 | |
| Electronics and Instrumentation Engineering | 170 | 150 | 25.9 | 56.5 | 5.9 | 0 | 0 | 88.3 | |
| Mechatronics | 160 | 136 | 13.2 | 65 | 6.9 | 0 | 0 | 85.1 | |
| Aerospace Engineering | 123 | 99 | 17.1 | 60.2 | 3.3 | 0 | 0 | 80.6 | |
| Software Engineering | 170 | 150 | 25.9 | 60 | 2.4 | 0 | 0 | 88.3 | |
| Architectural Engineering | 16 | 14 | 25 | 62.5 | 0 | 0 | 0.6 | 87.5 | |
| Civil Infra | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Nanotechnology | 48 | 35 | 23 | 43.8 | 6.3 | 0 | 0 | 73.1 | |
| Mechanical Engineering (Splz) Nuclear Engineering | 30 | 28 | 30 | 53.4 | 10 | 0 | 0 | 93.4 | |
| B.Tech Programs | RAMAPURAM CAMPUS | | | | | | | | |
| Civil Engineering | 113 | 93 | 16.9 | 57.52 | 7.96 | 0 | 0 | 82.38 | |
| Mechanical Engineering | 256 | 220 | 21.1 | 58.59 | 6.25 | 0 | 0 | 85.94 | |
| Computer Science and Engineering | 186 | 174 | 22.6 | 70.97 | 0 | 0 | 0 | 93.57 | |

| | | | | | | | | | |
|--|---|-------------------|-------------------------------|--------------|---------------|--------------|---|--------------------|-----------------------|
| Electronics and Communication Engineering | 226 | 201 | 19.5 | 59.73 | 9.74 | 0 | 0 | 88.97 | |
| Electrical and Electronics and Engineering | 142 | 132 | 26.1 | 65.49 | 1.41 | 0 | 0 | 93 | |
| Information Technology | 68 | 65 | 11.8 | 83.82 | 0 | 0 | 0 | 95.62 | |
| B.Tech Programs | RAMAPURAM PART (VADAPALANI) CAMPUS | | | | | | | | |
| Mechanical Engineering | 232 | 199 | 12.93 | 65.07 | 7.76 | 0 | 0 | 85.76 | |
| Computer Science and Engineering | 158 | 130 | 12.03 | 62.66 | 7.6 | 0 | 0 | 82.29 | |
| Electronics and Communication Engineering | 208 | 182 | 15.87 | 65.39 | 6.25 | 0 | 0 | 87.51 | |
| B.Tech Programs | DELHI CAMPUS | | | | | | | | |
| Civil Engineering | 134 | 123 | 8.96 | 79.85 | 2.99 | 0 | 0 | 91.8 | |
| Mechanical Engineering | 165 | 152 | 19.39 | 70.91 | 1.82 | 0 | 0 | 92.12 | |
| Computer Science and Engineering | 200 | 188 | 17 | 76 | 1 | 0 | 0 | 94 | |
| Electronics and Communication Engineering | 210 | 201 | 15.24 | 78.1 | 2.38 | 0 | 0 | 95.72 | |
| Electrical and Electronics Engineering | 123 | 109 | 7.32 | 78.1 | 3.25 | 0 | 0 | 88.67 | |
| Information Technology | 106 | 98 | 13.21 | 77.36 | 1.89 | 0 | 0 | 92.46 | |
| B.Arch/B.Des | KATTANKULATHUR/RAMAPURAM | | | | | | | | |
| B.Arch(KTR) | 61 | 57 | 11.48 | 70.49 | 11.48 | 0 | 0 | 93.45 | |
| B.Des | 41 | 37 | 12.2 | 75.61 | 2.44 | 0 | 0 | 90.25 | |
| B.Arch(RPM) | 34 | 29 | 23.53 | 61.77 | 0 | 0 | 0 | 85.3 | |
| Course Name | Total Appeared | Total Pass | Categorization of Pass | | | | | Pass* class | Overall pass % |
| | | | Distn. (%) | I (%) | II (%) | III % | | | |
| M.Tech Programs | KATTANKULATHUR CAMPUS | | | | | | | | |
| M. Tech Structural Engineering | 96 | 94 | 54.17 | 43.75 | 0 | 0 | 0 | 97.92 | |
| Construction Engineering & Management | 86 | 85 | 68.61 | 30.23 | 0 | 0 | 0 | 98.84 | |
| Computer Aided Design | 33 | 31 | 15.15 | 78.79 | 0 | 0 | 0 | 93.94 | |
| Computer Integrated Manufacturing | 25 | 25 | 32 | 64 | 4 | 0 | 0 | 100 | |
| Computer Science and Engineering | 99 | 97 | 61.62 | 36.36 | 0 | 0 | 0 | 97.98 | |
| Software Engineering | 7 | 7 | 42.86 | 51.14 | 0 | 0 | 0 | 94 | |
| Communication Systems | 40 | 39 | 32.5 | 65 | 0 | 0 | 0 | 97.5 | |
| VLSI Design | 73 | 73 | 45.21 | 53.42 | 0.1 | 0 | 0 | 98.73 | |
| Embedded System & Technology | 90 | 88 | 37.78 | 60 | 0 | 0 | 0 | 97.78 | |
| Power Electronics & Devices | 42 | 42 | 40.48 | 59.52 | 0 | 0 | 0 | 100 | |
| Chemical Engineering | 13 | 13 | 76.92 | 23.08 | 0 | 0 | 0 | 100 | |
| Information Technology | 34 | 33 | 35.29 | 61.77 | 0 | 0 | 0 | 97.06 | |
| Biotechnology | 22 | 22 | 40.91 | 59.09 | 0 | 0 | 0 | 100 | |
| Biomedical Engineering | 20 | 18 | 30 | 60 | 0 | 0 | 0 | 90 | |
| RS & GIS | 8 | 8 | 87.5 | 12.5 | 0 | 0 | 0 | 100 | |
| Robotics | 24 | 23 | 29.17 | 66.67 | 0 | 0 | 0 | 95.84 | |
| Envernment Engineering | 15 | 15 | 53.33 | 46.67 | 0 | 0 | 0 | 100 | |

| | | | | | | | | |
|---|---|-----|-------|-------|------|---|------|-------|
| Power Systems | 35 | 35 | 51.43 | 48.57 | 0 | 0 | 0 | 100 |
| Data Base Systems | 12 | 12 | 58.33 | 41.67 | 0 | 0 | 0 | 100 |
| Electronics and Control Engineering | 19 | 19 | 73.68 | 26.32 | 0 | 0 | 0 | 100 |
| Food and Nutritional Biotechnology | 27 | 27 | 81.48 | 18.52 | 0 | 0 | 0 | 100 |
| ISCF | 52 | 52 | 19.23 | 76.92 | 1.92 | 0 | 1.92 | 99.99 |
| Genetic Engineering | 16 | 16 | 43.75 | 56.25 | 0 | 0 | 0 | 100 |
| Geotechnical Engineering | 8 | 8 | 87.5 | 12.5 | 0 | 0 | 0 | 100 |
| TCN | 23 | 23 | 47.83 | 52.17 | 0 | 0 | 0 | 100 |
| Bioinformatics | 12 | 12 | 41.67 | 58.33 | 0 | 0 | 0 | 100 |
| Solar Energy | 5 | 5 | 40 | 60 | 0 | 0 | 0 | 100 |
| Nano Technology | 13 | 12 | 53.85 | 38.46 | 0 | 0 | 0 | 92.31 |
| Cloud Computing | 28 | 27 | 28.57 | 67.86 | 0 | 0 | 0 | 96.43 |
| Food Safety | 15 | 15 | 73.33 | 26.67 | 0 | 0 | 0 | 100 |
| | KATTANKULATHUR CAMPUS | | | | | | | |
| M.Arch | 5 | 5 | 60 | 40 | 0 | 0 | 0 | 100 |
| M.Tech Programs | DELHI CAMPUS | | | | | | | |
| Computer Science and Engineering | 25 | 25 | 72 | 28 | 0 | 0 | 0 | 100 |
| VLSI Design | 15 | 15 | 80 | 20 | 0 | 0 | 0 | 100 |
| M.Tech Programs | RAMAPURAM CAMPUS | | | | | | | |
| M. Tech Structural Engineering | 11 | 11 | 81.82 | 18.18 | 0 | 0 | 0 | 0 |
| Computer Aided Design | 3 | 3 | 33.33 | 66.67 | 0 | 0 | 0 | 0 |
| VLSI Design | 2 | 2 | 100 | 0 | 0 | 0 | 0 | 0 |
| MBA Program | KATTANKULATHUR CAMPUS | | | | | | | |
| MBA - Faculty of Management | 574 | 570 | 15.33 | 83.97 | 0 | 0 | 0 | 99.3 |
| MBA Program | RAMAPURAM CAMPUS | | | | | | | |
| MBA - Faculty of Management | 59 | 58 | 8.48 | 89.83 | 0 | 0 | 0 | 98.31 |
| MBA Program | RAMAPURAM PART (VADAPALANI) CAMPUS | | | | | | | |
| MBA - Faculty of Management | 127 | 123 | 22.84 | 74.02 | 0 | 0 | 0 | 96.86 |
| MBA Program | DELHI CAMPUS | | | | | | | |
| MBA - Faculty of Management | 33 | 32 | 9.09 | 87.88 | 0 | 0 | 0 | 96.97 |
| | KATTANKULATHUR CAMPUS | | | | | | | |
| MCA | 113 | 113 | 34.51 | 62.83 | 2.66 | 0 | 0 | 100 |
| | RAMAPURAM CAMPUS | | | | | | | |
| MCA | 101 | 101 | 21.78 | 73.27 | 4.95 | 0 | 0 | 100 |
| | DELHI CAMPUS | | | | | | | |
| MCA | 80 | 78 | 8.75 | 82.5 | 6.25 | 0 | 0 | 97.5 |
| | KATTANKULATHUR CAMPUS | | | | | | | |
| B.Sc. - Hotel and Catering Management | 98 | 91 | 21.43 | 71.43 | 0 | 0 | 0 | 92.86 |
| Diploma - Catering and Hotel Management | 44 | 34 | 6.82 | 70.46 | 0 | 0 | 0 | 77.28 |
| | TRICHY CAMPUS | | | | | | | |
| B.Sc. - Hotel and Catering Management | 21 | 20 | 9.52 | 76.19 | 9.52 | 0 | 0 | 95.23 |

| | | | | | | | | |
|---|-----|-----|-------|-------|-------|---|---|-------|
| Diploma - Catering and Hotel Management | 15 | 14 | 13.33 | 66.67 | 13.33 | 0 | 0 | 93.33 |
| DELHI CAMPUS | | | | | | | | |
| B.Sc. - Hotel and Catering Management | 28 | 24 | 7.14 | 60.71 | 17.86 | 0 | 0 | 85.71 |
| Diploma - Catering and Hotel Management | 1 | 1 | 0 | 100 | 0 | 0 | 0 | 100 |
| PG Program | | | | | | | | |
| KATTANKULATHUR CAMPUS (FSH) | | | | | | | | |
| M.Sc. Biotechnology | 27 | 26 | 85.19 | 7.41 | 3.7 | 0 | 0 | 96.3 |
| M.Sc Viscom | 19 | 19 | 89.47 | 10.53 | 0 | 0 | 0 | 100 |
| M.Sc Econometrics | 16 | 16 | 100 | 0 | 0 | 0 | 0 | 100 |
| M.Sc Information Technology | 23 | 20 | 47.83 | 39.13 | 4.35 | 0 | 0 | 91.31 |
| M.Sc Physical Chemistry | 9 | 9 | 88.89 | 11.11 | 0 | 0 | 0 | 100 |
| M.Sc Organic Chemistry | 9 | 9 | 88.89 | 11.11 | 0 | 0 | 0 | 100 |
| M.Sc Inorganic Chemistry | 3 | 3 | 100 | 0 | 0 | 0 | 0 | 100 |
| M.Sc Physics | 7 | 7 | 14.29 | 85.71 | 0 | 0 | 0 | 100 |
| M.Sc Mathematics | 6 | 5 | 16.67 | 66.67 | 0 | 0 | 0 | 83.34 |
| MA - Journalism and Mass Communication | 19 | 18 | 63.16 | 31.58 | 0 | 0 | 0 | 94.74 |
| MA - IR | 11 | 11 | 100 | 0 | 0 | 0 | 0 | 100 |
| M.Ed | 28 | 24 | 21.43 | 64.29 | 0 | 0 | 0 | 85.72 |
| M.Phil | 12 | 12 | 8.33 | 91.67 | 0 | 0 | 0 | 100 |
| B.Ed - Tamil | 25 | 24 | 0 | 96 | 0 | 0 | 0 | 96 |
| B.Ed - English | 64 | 59 | 7.81 | 84.38 | 0 | 0 | 0 | 92.19 |
| B.Ed - Mathematics | 26 | 26 | 3.85 | 96.15 | 0 | 0 | 0 | 100 |
| B.Ed - Physical Science | 13 | 13 | 7.69 | 92.31 | 0 | 0 | 0 | 100 |
| B.Ed - Biological Science | 10 | 10 | 10 | 90 | 0 | 0 | 0 | 100 |
| B.Ed - Social Science | 11 | 11 | 0 | 100 | 0 | 0 | 0 | 100 |
| B.Ed - Commerce & Accountancy | 11 | 7 | 9.09 | 54.55 | 0 | 0 | 0 | 63.64 |
| B.Ed - Computer | 9 | 7 | 0 | 77.78 | 0 | 0 | 0 | 77.78 |
| B.Ed - Economics | 2 | 2 | 0 | 100 | 0 | 0 | 0 | 100 |
| B.Sc Biotechnology | 30 | 27 | 20 | 63.33 | 6.67 | 0 | 0 | 90 |
| B.Sc IT | 30 | 25 | 30 | 46.67 | 6.67 | 0 | 0 | 83.34 |
| B.Sc Computer Science | 58 | 45 | 13.79 | 46.55 | 17.24 | 0 | 0 | 77.58 |
| B.Sc ISM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| B.Sc BT & BI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| B.Sc Viscom | 146 | 138 | 17.81 | 63.01 | 13.7 | 0 | 0 | 94.52 |
| B.Sc Mathematics | 4 | 4 | 75 | 25 | 0 | 0 | 0 | 100 |
| B.Sc Physics | 4 | 4 | 75 | 25 | 0 | 0 | 0 | 100 |
| B.Com - Commerce | 169 | 160 | 9.47 | 53.85 | 31.36 | 0 | 0 | 94.68 |
| B.Com - Accounts & Finance | 56 | 51 | 21.43 | 42.86 | 26.79 | 0 | 0 | 91.08 |
| B.Com - Corporate Secretaryship | 46 | 37 | 10.87 | 30.44 | 39.13 | 0 | 0 | 80.44 |
| B.Com - ISM | 24 | 20 | 0 | 29.17 | 54.17 | 0 | 0 | 83.34 |
| BCA | 120 | 107 | 12.5 | 55 | 21.67 | 0 | 0 | 89.17 |

| | | | | | | | | |
|---|-----|-----|-------|-------|-------|---|---|--------|
| BBA | 170 | 157 | 11.18 | 58.82 | 22.35 | 0 | 0 | 92.35 |
| BA Journalism and Mass Communication | 41 | 41 | 36.59 | 53.66 | 9.75 | 0 | 0 | 100 |
| VADAPALANI CAMPUS (FSH) | | | | | | | | |
| B.Sc Film Technology - Sound | 3 | 2 | 0 | 66.67 | 0 | 0 | 0 | 66.67 |
| B.Sc Film Technology - Direction | 12 | 9 | 91.67 | 50 | 16.67 | 0 | 0 | 158.34 |
| B.Sc Film Technology - Cinema to graphy | 13 | 12 | 0 | 69.23 | 23.08 | 0 | 0 | 92.31 |
| B.Sc Film Technology - Eiditing | 5 | 5 | 0 | 60 | 40 | 0 | 0 | 100 |
| B.Sc Film Technology - graphics & Animation | 3 | 2 | 33.33 | 33.33 | 0 | 0 | 0 | 66.66 |
| Diploma in Film Acting | 9 | 7 | 77.78 | 0 | 0 | 0 | 0 | 77.78 |
| Diploma in Tamil Arutsunaignar | 68 | 62 | 47.06 | 39.71 | 4.41 | 0 | 0 | 91.18 |
| Diaspora | 11 | 11 | 63.64 | 36.36 | 0 | 0 | 0 | 100 |
| DELHI CAMPUS (FSH) | | | | | | | | |
| M.Ed | 35 | 33 | 0 | 94.29 | 0 | 0 | 0 | 94.29 |
| B.Ed - English | 7 | 7 | 28.57 | 71.43 | 0 | 0 | 0 | 100 |
| B.Ed - Hindi | 6 | 6 | 0 | 100 | 0 | 0 | 0 | 100 |
| B.Ed - Sanskrit | 2 | 2 | 0 | 100 | 0 | 0 | 0 | 100 |
| B.Ed - Mathematics | 2 | 2 | 0 | 100 | 0 | 0 | 0 | 100 |
| B.Ed - Home Science | 5 | 5 | 0 | 100 | 0 | 0 | 0 | 100 |
| B.Ed - Physical Science | 19 | 18 | 0 | 94.74 | 0 | 0 | 0 | 94.74 |
| B.Ed - Biological Science | 7 | 7 | 28.57 | 71.43 | 0 | 0 | 0 | 100 |
| B.Ed - Social Science | 29 | 29 | 0 | 100 | 0 | 0 | 0 | 100 |
| B.Ed - Commerce & Accountancy | 25 | 23 | 4 | 88 | 0 | 0 | 0 | 92 |
| B.Ed - Computer | 4 | 4 | 0 | 100 | 0 | 0 | 0 | 100 |

COLLEGE OF MEDICINE AND HEALTH SCIENCES - RESULTS

| Branch | KTR | | RPM | | Appeared Regular & Arrear Total | Passed Regular & Arrear Total |
|------------------------------------|------------------|------------------|------------------|------------------|---------------------------------|-------------------------------|
| | Number Appeared | Number Passed | Number Appeared | Number Passed | | |
| | Regular & Arrear | Regular & Arrear | Regular & Arrear | Regular & Arrear | | |
| BPT | 15 | 15 | 0 | 0 | 15 | 15 |
| MPT- Biomechanics | 1 | 1 | 0 | 0 | 1 | 1 |
| MPT - Neurology | 5 | 5 | 0 | 0 | 5 | 5 |
| MPT- Sports Physiotherapy | 1 | 1 | 0 | 0 | 1 | 1 |
| MPT - Community Rehabilitation | 1 | 1 | 0 | 0 | 1 | 1 |
| MPT - Orthopaedics | 5 | 5 | 0 | 0 | 5 | 5 |
| M.P.T. Paediatric Physiotherapy | 3 | 3 | 0 | 0 | 3 | 3 |
| B.Pharm | 55 | 55 | 0 | 0 | 55 | 55 |
| M.Pharm - Pharmaceutical Chemistry | 1 | 1 | 0 | 0 | 1 | 1 |
| M.Pharm - Pharmaceutics | 0 | 0 | 0 | 0 | 0 | 0 |
| M.Pharm - Pharmacology | 0 | 0 | 0 | 0 | 0 | 0 |
| B.Sc – Nursing | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | |
|---|----|----|---|---|----|----|
| PBB.Sc - Nursing | 0 | 0 | 0 | 0 | 0 | 0 |
| M.Sc.- Medical Surgical Nursing | 1 | 1 | 0 | 0 | 1 | 1 |
| M.Sc - Obstetrics & Gynecology Nursing | 2 | 2 | 0 | 0 | 2 | 2 |
| M.Sc Paediatric Nursing | 5 | 5 | 0 | 0 | 5 | 5 |
| M.Sc Psychiatric Nursing | 5 | 5 | 0 | 0 | 5 | 5 |
| M.Sc Community Health Nursing | 2 | 2 | 0 | 0 | 2 | 2 |
| BOT | 13 | 13 | 0 | 0 | 13 | 13 |
| M.O.T. Neurology | 0 | 0 | 0 | 0 | 0 | 0 |
| M.O.T - Paediatrics | 0 | 0 | 0 | 0 | 0 | 0 |
| MPH -Public Health Management | 18 | 18 | 0 | 0 | 18 | 18 |
| MPH - Information Technology In Health Care | 3 | 3 | 0 | 0 | 3 | 3 |
| M.Sc Biostat | 10 | 10 | 0 | 0 | 10 | 10 |
| M.S (Clinical Trail) | 2 | 2 | 0 | 0 | 2 | 2 |
| M.Sc. - Medical (Micro Biology Specialization) | 9 | 9 | 0 | 0 | 9 | 9 |
| M.Sc. - Medical Anatomy | 0 | 0 | 0 | 0 | 0 | 0 |
| M.Sc. - Medical Physiology | 0 | 0 | 0 | 0 | 0 | 0 |
| M.Sc. - Medical Biochemistry | 2 | 2 | 0 | 0 | 2 | 2 |
| MDS- Oral and Maxillofacial Surgery | 0 | 0 | 5 | 5 | 5 | 5 |
| MDS - Conservative Dentistry & Endodontic | 0 | 0 | 8 | 8 | 8 | 8 |
| MDS - Periodontology | 0 | 0 | 8 | 8 | 8 | 8 |
| MDS - Orthodontics and Dentofacial Orthopaedics | 0 | 0 | 7 | 7 | 7 | 7 |
| MDS- Oral Pathology, Microbiology & Forensic | 0 | 0 | 6 | 6 | 6 | 6 |
| MDS - Public Health Dentistry | 0 | 0 | 1 | 1 | 1 | 1 |
| MDS - Paedodontics and Dentistry | 0 | 0 | 2 | 2 | 2 | 2 |
| MDS - Oral Medicine and Radiology | 0 | 0 | 2 | 2 | 2 | 2 |
| MDS - Prosthodontics and Crown and Bridge | 0 | 0 | 6 | 6 | 6 | 6 |
| Pharm.D | 0 | 0 | 0 | 0 | 0 | 0 |
| MD (Anatomy) | 2 | 2 | 0 | 0 | 2 | 2 |
| MD (Anaesthesiology) | 5 | 5 | 0 | 0 | 5 | 5 |
| MD (Biochemistry) | 0 | 0 | 0 | 0 | 0 | 0 |
| MD (Dermatology) | 1 | 1 | 0 | 0 | 1 | 1 |
| MD (Microbiology) | 2 | 2 | 0 | 0 | 2 | 2 |
| MD (General Medicine) | 6 | 6 | 0 | 0 | 6 | 6 |
| MD (community Medicine) | 1 | 1 | 0 | 0 | 1 | 1 |
| MD (Paediatrics) | 2 | 2 | 0 | 0 | 2 | 2 |
| MD (Pathology) | 1 | 1 | 0 | 0 | 1 | 1 |
| MD (Pharmacology) | 1 | 1 | 0 | 0 | 1 | 1 |
| MD (Physiology) | 0 | 0 | 0 | 0 | 0 | 0 |
| MD (Psychiatry) | 3 | 3 | 0 | 0 | 3 | 3 |
| MD (Pulmonary Medicine) | 2 | 2 | 0 | 0 | 2 | 2 |
| MD (Radio Diagnosis) | 2 | 2 | 0 | 0 | 2 | 2 |
| MS (Surgery) | 7 | 7 | 0 | 0 | 7 | 7 |
| MS (Ophthalmology) | 3 | 3 | 0 | 0 | 3 | 3 |
| MS (Orthopaedics) | 3 | 3 | 0 | 0 | 3 | 3 |

| | | | | | | |
|-------------------------------|-----|-----|----|----|-----|-----|
| MS (ENT) | 0 | 0 | 0 | 0 | 0 | 0 |
| MS (Obstetrics & Gynaecology) | 0 | 0 | 0 | 0 | 0 | 0 |
| D.M (Cardiology) | 0 | 0 | 0 | 0 | 0 | 0 |
| D.M (Neurology) | 0 | 0 | 0 | 0 | 0 | 0 |
| MBA MPH | 0 | 0 | 0 | 0 | 0 | 0 |
| B.Optom | 10 | 10 | 0 | 0 | 10 | 10 |
| BDS | 13 | 13 | 21 | 21 | 34 | 34 |
| BASLP | 7 | 7 | 0 | 0 | 7 | 7 |
| MBBS | 116 | 116 | 0 | 0 | 116 | 116 |
| B.Sc MLT | 0 | 0 | 0 | 0 | 0 | 0 |

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes: IQAC organises meetings, reviews the implementation of resolutions of earlier meetings and proposes quality enhancement measures for the forthcoming academic year.

2.13 Initiatives undertaken towards faculty development

| Faculty / Staff Development Programmes | Number of faculty benefitted |
|--|-------------------------------------|
| Refresher courses | 178 |
| UGC – Faculty Improvement Programme | 46 |
| HRD programmes | 15 |
| Orientation programmes | 291 |
| Faculty exchange programme | 20 |
| Staff training conducted by the university | 73 |
| Staff training conducted by other institutions | 300 |
| Summer / Winter schools, Workshops, etc. | 835 |
| Others | 35 |

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 | 2113 | -- | 4 | -- |
| Technical Staff | 439 | -- | 5 | -- |

CRITERION – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. Coordinated with the directorate of research in compiling the publication history of faculty members of the institute with affiliation to SRMIST.
2. Organisation of research day
3. Awards to faculty members on their publications

3.2 Details regarding major projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|---------|------------|-----------|
| Number | - | 23 | 23 | 20 |
| Outlay in Rs. Lakhs | - | 2603 | 2603 | 3966 |

3.3 Details regarding minor projects

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

3.4 Details on research publications

| | International | National | Others |
|--------------------------|---------------|----------|--------|
| Peer Review Journals | 3178 | 804 | - |
| Non-Peer Review Journals | 963 | 674 | - |
| e-Journals | 2045 | 124 | - |
| Conference proceedings | 460 | 490 | - |

3.5 Details on Impact factor of publications:

| | |
|----------|----------------|
| Range | 0.017 – 14.683 |
| Average | 0.7464 |
| H- Index | 34 |

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

| Nature of the Project | Duration Year 2014-15 | Name of the funding Agency | Total grant Sanctioned Lakhs | Received In Rs. lakhs |
|--|-----------------------|---|------------------------------|-----------------------|
| Major projects | 23 | CSIR, ICMR, DST-SERB, DBT, ISRO, Ministry of Earth Sciences, DST Indo-South Africa Project | 2603 | 955 |
| Minor Projects | - | - | - | - |
| Interdisciplinary Projects | - | - | - | - |
| Industry sponsored | 01 | Microsoft, | 11.70 | 11.70 |
| Projects sponsored by the University/ College | - | SRM University | 525.00 | - |
| Students research projects (other than compulsory by the University) | 25 | SRM University | 74.68 | 74.68 |
| Any other(Specify) | - | - | - | - |

| | | | | |
|-------|----|---|---------|---------|
| Total | 49 | - | 3214.38 | 1041.38 |
|-------|----|---|---------|---------|

3.7 No. of books published

| | |
|--------------------------|-----|
| i) With ISBN No | 153 |
| Chapters in Edited Books | - |
| ii) Without ISBN No. | - |

3.8 No. of University Departments receiving funds from

| | | | |
|------------------|---|--------------|---|
| UGC-SAP | - | CAS | - |
| DST-FIST | 7 | DPE | - |
| DBT Scheme/funds | 3 | DST (Others) | 5 |

3.9 For colleges

(Not Applicable being a deemed to be University with constituent colleges and university departments)

| | | | |
|-------------|----------------|---------------------|----------------|
| Autonomy | Not Applicable | CPE DBT | Not Applicable |
| Star Scheme | Not Applicable | INSPIRE | Not Applicable |
| CE | Not Applicable | Any Other (specify) | Not Applicable |

3.10 Revenue generated through consultancy

35.67 lakhs

3.11 No. of conferences organized by the Institution

| Level | International | National | State | University | College |
|---------------------|----------------------|----------------------------|-------------------------------|------------------|---------|
| Number | 13 | 54 | 33 | 66 | NA |
| Sponsoring agencies | IEEE, ISTE, CSI etc. | GLIM, IEEE, CSI, ISTE etc. | Genetics Associates USA, etc. | IHM NIMSME, etc. | NA |

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

238

3.13 No. of collaborations

| International | National | Any other |
|---------------|----------|-----------|
| 78 | 112 | - |

3.14 No. of linkages created during this year

7

3.15 Total budget for research for current year in lakhs

| From funding agencies | From Management of University/ College | Total |
|-----------------------|--|-------|
| 1950 | 90(DRVE) | 2040 |

3.16 No. of patents received this year

| Type of Patent | | Number |
|----------------|---------|--------|
| National | Applied | 03 |
| | 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

| Total | International | National | State | University | Dist | College |
|-------|---------------|----------|-------|------------|------|---------|
| 442 | 9 | 32 | 8 | 393 | -- | NA |

| | |
|--|------|
| 3.18 No. of faculty from the Institution who are Ph.D. Guides and students registered under them | 316 |
| | 1025 |
| 3.19 No. of Ph.D. awarded by faculty from the Institution | 268 |

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

| JRF | SRF | Project Fellow | Any other |
|-----|-----|----------------|-----------|
| - | 09 | 31 | 90 |

3.21 No. of students Participated in NSS events:

| University level | State Level | National level | International level |
|------------------|-------------|----------------|---------------------|
| 5000 | - | - | - |

3.22 No. Of students participated in NCC events:

| University level | State Level | National level | International level |
|------------------|-------------|----------------|---------------------|
| 83 | 83 | 7 | 1 |

3.23 No. of Awards won in NSS:

| University level | State Level | National level | International level |
|------------------|-------------|----------------|---------------------|
| - | 2 | - | - |

3.24 No. of Awards won in NCC:

| University level | State Level | National level | International level |
|------------------|-------------|----------------|---------------------|
| 1 | 9 | 2 | - |

3.25 No. of Extension activities organized

| University forum | College forum | NCC | NSS | Any other |
|------------------|----------------|-----|-----|-----------|
| - | Not applicable | 1 | 30 | - |

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

- Adoption of villages
- Adoption of government schools
- Admission of rural disadvantaged students free of cost
- Flood/Cyclone relief funds to students
- Working with AGARAM foundation in uplifting the economically poor students by providing higher education
- Organization of medical / health camps

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 in acres | 200.95 | -- | Fees | 200.95 |
| Class rooms | 728 | 52 | Fees | 780 |
| Laboratories | 267 | 5 | Fees | 272 |
| Seminar Halls | 27 | 2 | Fees | 29 |
| No. of important equipments purchased (\geq 1-0 lakh) during the current year. | 3307 | 252 | Fees | 3559 |
| Value of the equipment purchased during the year (Rs. in Lakhs) | 1282 | 152 | Fees | 1434 |
| Others | -- | -- | -- | -- |

4.2 Computerization of administration and library

| |
|-----------------|
| Fully automated |
|-----------------|

4.3 Library Services:

| | Existing as on 2014 | | Newly added | | Total as on 2015 | |
|----------------------------|---------------------|------------|-------------|------------|------------------|------------|
| | No | Value(lac) | No | Value(lac) | No | Value(lac) |
| Text books | 194048 | 1120.98 | 6062 | 61.20 | 200110 | 1182.18 |
| Reference Books | 27906 | 349.93 | 829 | 17.65 | 28735 | 367.58 |
| No.of Titles | 82351 | | 1711 | | 84062 | |
| e-Books | 16109 | 186.00 | 910 | 11.95 | 17019 | 197.95 |
| National Journals | 651 | 256.65 | 636 | 16.65 | 1287 | 273.3 |
| International Journals | 356 | 20.19 | 349 | 206.00 | 705 | 226.19 |
| e-Journals | 6099 | 125.02 | 33549 | 118.75 | 39648 | 243.77 |
| Digital database | 4 | 6.19 | - | - | 4 | 6.19 |
| CD&Video | 9970 | - | 703 | - | 10673 | - |
| Others(specify) | - | - | 1 | 0.69 | 1 | 0.69 |
| Magazines | 218 | 3.39 | 107 | 1.99 | 325 | 5.38 |
| Databases-Print and Online | 2 | 3.93 | 1 | 13.77 | 3 | 17.7 |
| Memberships | 9 | 0.81 | 6 | 1.42 | 15 | 2.23 |

4.4 Technology up gradation (overall)

| | Total Computers for Faculty, Offices, Staff, etc | Total No of Computer Labs | Total No of Systems in Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Departments | Others |
|-----------------------|--|---------------------------|--|----------|------------------|------------------|--------|-------------|--------|
| Existing | 3946 | 85 | 1GB-BSNL, 45MBPS-TATA and Airtel | 136 | 325 | 510 | - | - | 3946 |
| Added in current year | 234 | 15 | 1 GB-BSNL, 155 MBPS- TATA and Airtel,45 MBPS-TATA,20 MBPS-Airtel and TATA | 2 | - | - | - | 30 | 234 |
| Total | 4180 | 100 | 1 GB-BSNL, 155 MBPS for TATA and Airtel and 20 MBPS for TATA and Airtel & 45 MBPS-TATA | | - | - | - | 30 | 4180 |

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

| |
|--|
| Adequate computer access to faculty/staff/students |
| Training to faculty/staff/students on ICT |
| Wi-Fi enabled campus |
| Moving towards paperless office |
| e-varsity |
| e- management |

4.6 Amount spent on maintenance in lakhs :

| I | II | III | IV | |
|-----|--------------------------------------|-------------|--------|--------------|
| ICT | Campus Infrastructure and facilities | Equipment's | Others | Total |
| 101 | 672 | 203 | 12 | 988 |

CRITERION – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

| |
|---|
| Feedback mechanism put in place |
| Accreditation of programs by commissions of ABET, USA initiated and achieved. |

5.2 Efforts made by the institution for tracking the progression

| |
|--|
| E varsity, student info, parent info – all ICT based |
|--|

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others Diploma/certificate |
|-------|------|--------|----------------------------|
| 35769 | 5415 | 1065 | 282 |

| | |
|---------------------------------------|-------|
| (b) No. of students outside the state | 27453 |
| (c) No. of international students | 1033 |

| Men | | Women | |
|-------|----|-------|----|
| No | % | No | % |
| 32743 | 77 | 9788 | 23 |

| Last Year | | | | | | This Year | | | | | |
|-----------|------|-----|-------|-----------------------|-------|-----------|------|-----|-------|-----------------------|-------|
| General | SC | ST | OBC | Physically Challenged | Total | General | SC | ST | OBC | Physically Challenged | Total |
| 17987 | 2543 | 192 | 19348 | 212 | 40282 | 18267 | 2643 | 293 | 21079 | 249 | 42531 |

Demand ratio 1:12 Dropout %1

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

| |
|--|
| Curriculum itself covers the syllabus contents of competitive examinations. |
| Examination pattern includes MCQs |
| Training on aptitude/quantitative /communication aspects through mandatory personality developed courses embedded in the curriculum. |
| Comprehension courses mirroring the competitive examination syllabus |

| | |
|-------------------------------|-------|
| No. of students beneficiaries | 28606 |
|-------------------------------|-------|

5.5 No. of students qualified in these examinations

| NET | SET/SLET GATE | CAT | IAS/IPS etc | UPSC | State PSC | Others (GRE etc.) |
|-----|---------------|-----|-------------|------|-----------|-------------------|
| 4 | 129 | 172 | -- | 6 | 2 | 2247 |

5.6 Details of student counselling and career guidance

| | |
|--|----------------------------|
| <ul style="list-style-type: none"> A faculty counsellor is appointed for every 20-30 students Placement coordinator for every department to carry out career counselling Professional (Psychiatry) counselling by full time doctors | No. of students benefitted |
| | 5250 |

5.7 Details of campus placement

| <i>On campus</i> | | | <i>Off Campus</i> |
|--|--|----------------------------------|----------------------------------|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 356 | 5804 | 5327 | NIL |

5.8 Details of gender sensitization programmes

Director of Student Affairs takes care of gender sensitizing issues by organizing series of programs

5.9 Students Activities

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

| State/ University level | National level | International level |
|--------------------------------|-----------------------|----------------------------|
| 45/112 | 20 | 5 |

No. of students participated in cultural events

| State/ University level | National level | International level |
|--------------------------------|-----------------------|----------------------------|
| 225 | 55 | 2 |

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

| | State/ University level | National level | International level |
|----------|--------------------------------|-----------------------|----------------------------|
| Sports | - | - | - |
| Cultural | - | - | - |

5.10 Scholarships and Financial Support

| | Number of students | Amount |
|--|---------------------------|----------------|
| Financial support from institution | 2162 | Rs. 2218 lakhs |
| Financial support from government | - | - |
| Financial support from other sources | - | - |
| Number of students who received International/ National recognitions | - | - |

5.11 Student organised / initiatives

| | State/ University level | National level | International level |
|------------|--------------------------------|-----------------------|----------------------------|
| Fairs | 3 | 5 | 1 |
| Exhibition | - | - | - |

5.12 No. of social initiatives undertaken by the students

13

5.13 Major grievances of students (if any) redressed

Nil

CRITERION – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision

To emerge as a World - Class University in creating and disseminating knowledge, and providing students a unique learning experience in Science, Technology, Medicine, Management and other areas of scholarship that will best serve the world and betterment of mankind.

Mission

MOVE UP through international alliances and collaborative initiatives to achieve global excellence.

ACCOMPLISH A PROCESS to advance knowledge in a rigorous academic and research environment.

ATTRACT AND BUILD PEOPLE in a rewarding and inspiring environment by fostering freedom, empowerment, creativity and innovation.

6.2 Does the Institution has a management Information System

Yes, SRM Institute of Science and Technology has Management Information System.

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

6.3.1 Curriculum Development

- Student feedback
- Outcome Based Education.
- External experts from Industry and Institutes in Board of studies.
- Curriculum revision to meet the industry demands.
- Input from Industrial advisory / International advisory boards.

6.3.2 Teaching and Learning

- Digital courseware.
- Mapping student outcomes / instructional objectives and program educational objectives.
- Uploading lesson plan / question paper keys.
- Active learning laboratories.
- Use of Internet, ppt presentation during class room teaching.

6.3.3 Examination and Evaluation

- Internal assessment: End-semester exam = 50:50.
- Cycle tests/ Surprise tests/ Model examination/ Assignments/ term papers for internal assessment.
- Record of internal assessment fully computerised.
- Central valuation for end semester examinations.
- Results processing fully computerised.

6.3.4 Research and Development

- Ph.D programs in all disciplines.
- Funded projects by industries / government departments/ industries.
- Funded projects by the university.

- Award/ filing of patents.
- Publication in peer reviewed journals.
- Incentives for faculty publishing papers / getting funded projects .
- Special incentives for faculty holding Ph.D degrees.
- Sponsorship to present papers in / attend international /national conferences.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Fully automated, well stocked, air-conditioned central library – 5 storey block.
- Student records/ attendance/ internal marks/ fee payments/ fully computerised.
- Entire correspondence through e-mails; moving towards paperless office.
- Purchase / salary / leave records of faculty/ applying leave etc. fully computerised.
- Wi-Fi enabled campus.
- In-house facility to fabricate lab equipments.
- Maintenance of lab equipment by university instrumentation centre under ITKM.

6.3.6 Human Resource Management

- Dedicated directorate for HR.
- Well laid policy for recruitment / upward mobility.
- Dedicated directorate for faculty Development.
- Organization of in-house faculty development programs.

6.3.7 Faculty and Staff recruitment

- Well laid out policy and process.
- Interview panel consisting of external / internal experts.
- Advertisement in leading national dailies.
- Online submission of resume.

6.3.8 Industry Interaction / Collaboration

- A dedicated Institute Industry Interaction Cell (IIIC) headed by Dean.
- Collaborative MoUs with 42 industries in India.

6.3.9 Admission of Students

Through SRM Entrance Examination nationwide followed by counselling for engineering / MBBS programs:

6.4 Welfare schemes for

| | |
|--------------|-----|
| Teaching | Yes |
| Non teaching | Yes |
| Students | Yes |

| | |
|---------------------------------|-----------|
| 6.5 Total corpus fund generated | 650 lakhs |
|---------------------------------|-----------|

| | | |
|--|-----|----|
| 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 | EAC/CAC of ABET, (www.abet.org). | No | No |
| Administrative | No | No | No | No |

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

| | Yes | No |
|-------------------|-----|----|
| For UG Programmes | ✓ | |
| For PG Programmes | ✓ | |

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

- Answer scripts review in the presence of student and faculty who has corrected them.
- Result process fully computerised with foolproof security system in place.
- Multiple Choice Questions.

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

- Budget allocation to constituent colleges for their spending.
- Decentralization of powers in personnel management

6.11 Activities and support from the Alumni Association

- Exhaustive alumni database.
- Alumni providing funds for infrastructure.
- Alumni facilitating campus placement
- Alumni delivering technical lectures
- Alumni facilitating internship for students
- Alumni aiding in collaborative initiatives

6.12 Activities and support from the Parent – Teacher Association

- Feedback on various processes
- Collective efforts to reforming erring students
- Parent occupying prestigious official / social positions helping the institute on various areas

6.13 Development programmes for support staff

- ICT training
- Incentives for higher studies
- Absorption in teaching cadre once they acquire requisite qualification and if found suitable
- Language training
- Technical training

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

- Tree plantation
- Minimizing water wastage
- Deployment of solar heaters and lighting
- Rainwater harvesting
- LED lamps
- Imbibing waste consciousness by training programs
- Minimising use paper

CRITERION – VII

7. 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.

Exhaustive faculty appraisal system which imparted motivation to faculty members and enabled them to set goals and work towards the same

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

| | |
|--|---------------------------|
| Accreditation of four programs by Engineering Accreditation Commission (EAC) and one program by Computing Accreditation Commission (CAC) of ABET, USA (www.abet.org) | Successful |
| Efforts towards achieving world university rankings | MoU with ICAA in progress |
| Efforts towards getting UPE status | Report under preparation |
| Complete revision of UG/PG curriculum for Engg&Tech. | Completed |

7.3 Give two Best Practices of the institution(*please see the format in the NAAC Self-study Manuals*)

1. Title of the Practice I

This title should capture the keywords that describe the practice.

SEMESTER ABROAD PROGRAM (SAP) – a program meant for advanced learners

2. Objectives of the Practice

What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice (in about 100 words)?

SRM University is recognized across the country for its high standards of education, exciting opportunities and excellent placement. To maintain its top position, the University is spearheading with Semester Abroad Program (SAP), a unique initiative providing its students an international exposure and global opportunities. This, we believe, is the first of its kind in India.

3. The Context

What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?

Under the Semester Abroad Program the students are allowed to take-up a few courses and /or a Major project in reputed foreign universities for ONE semester. The credits earned in the foreign university through the SAP will be translated into SRM credits, by an approved conversion procedure, and taken for consideration for the award of the degree by SRM University. After the study period at a foreign university the students return to SRM University to continue with the degree program for which they were enrolled, and after fulfilling all the necessary conditions laid out in the regulations of SRM University, the student will become eligible for the award of the degree.

4. The Practice

Describe the practice and its uniqueness in the context of India higher education. What

were the constraints / limitations, if any, faced (in about 400 words)? Selection Criteria and procedure:

It is a transparent process giving adequate consideration to:

- Academic performance
- Ambition and excitement level
- Communication skills
- Family financial background to support
- Above all the recommendation of the department concerned
- An information session will be held in February and July every year in all campuses
- After the information session the interested students should register with OIR in the prescribed format with all supporting documents, before the deadline date.
- A one-to-one counselling session will be held to all registered students by a committee consisting of the Dean, Office of the International Relations, faculty Director / Associate Director, Director (Research) and the Head of the Department.
- The shortlisted students should submit 2 undertakings – one by the student and the other by the parent – and proceed with all the academic and non-academic requirements of SRM and the host university
- A separate one-to-one interview will be held for awarding few scholarships to select prestigious universities like MIT, Cornell, etc

| | FALL TERM | SPRING TERM |
|--|--|--|
| Registration with OIR | January to till the interview date | July to till the interview date |
| Interview by SRM committee | End February | End August |
| Announcement of shortlisted names | Mid-March | Mid September |
| Last date for withdrawal | 15 days from the date of announcement of shortlisted names | 15 days from the date of announcement of shortlisted names |
| Last date for applying to foreign university | As per the dead lines of the foreign university – tentatively 15th May | As per the dead lines of the foreign university – tentatively 15th October |
| Expected admission letter | Mid -July | First week of December |
| Leave SRM | From 15th August | From first week of January |

5. Evidence of Success

Provide evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words.

- Provides an unique opportunity to gain international learning and living experience
- Brighten the career opportunities both in India and Overseas
- Get an opportunity to work with eminent professors of the universities and upon proving their mettle stand a good chance of getting direct admission to subsequent higher studies

in that university or in other universities.

- Get an opportunity to work in cross-cultural, multi-national environment.
- Acquire or improve self-confidence and independency
- Fulfils one's life time ambition to stay ahead at the top

6. Problems Encountered and Resources Required

Please identify the problems encountered and resources required to implement the practice (in about 150 words).

- To sign MoUs with top notch universities across the globe so that they become partners with SRM in implementing the program.
- Earmark funds for the students to meet their travel, boarding and tuition fee expenditure
- To put in place an unbiased selection process in place.
- Orient the meritorious students from rural background to become confident enough to make us of the program
- Adjustment of credits earned during the study abroad
- Arranging special classes for students to enable them undergo courses which they might have missed at SRM while studying a semester abroad.

7. Notes

Optional. Please add any other information that may be relevant for adopting/ implementing the Best Practice in other institutions (in about 150 words).

Title of the Practice II

This title should capture the keywords that describe the practice.

COMPENSATORY CLASSES – a program meant for slow learners

1. Objectives of the Practice

What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice (in about 100 words)?

To enable slow learners to complete the courses in their own pace and provide an opportunity to students who are unable to sit for the end semester examinations due to lack of attendance.

2. The Context

What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?

Compensatory courses may be announced by a School/Department, by the Deans/HODs, with the approval of the Director (Engg&Tech). The course will be conducted during the regular academic session either during the weekends or in the evenings after the regular classes as decided by the Director (Engg&Tech) and the number of hours that will be conducted will be 75% of the hours specified in the curriculum for a course. Maximum two courses will be permitted to a student during the semester and the student has to have at least 75% attendance in these courses.

4. The Practice

Describe the practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced (in about 400 words)?

- The evaluation process for compensatory courses consists of only end semester examinations and no internal assessment process. Student shall have to score the passing minimum in the end semester examination only and the marks scored in which will be given full weight age.
- Courses will be offered by the departments only to students detained for lack of attendance in those courses (Grade W, R.18.1). No student should register for more than two compensatory courses offered during a semester and totally not more than 8 courses in the normal duration of

study.

- Compensatory courses will be announced after the publication of results of end semester examinations of odd/even semester and the conduct of these courses will not go beyond the last working day of the semester. A student will have to register within the time stipulated in the announcement by paying the prescribed fees.
- No student who has got 'W' grade, (that is, the student who has been detained for want of attendance in a particular course) can appear for end semester examinations for that course without undergoing the compensatory classes for that course.
- Withdrawal from Compensatory courses is not permitted.
- Student who has obtained U grade in a course shall not register for compensatory course for that course.

Evidence of Success

Provide evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words.

- Students are able to achieve a pass percentage as near to the regular one
- Out of 7/8 courses in a semester, they can do 1 /2 under compensatory courses thereby lightening their burden according to their capacity during regular study
- Students who suffer from lack of attendance due to unfortunate circumstances like medical problems, loss of near and dear ones in the family make use of these courses

6. Problems Encountered and Resources Required

Please identify the problems encountered and resources required to implement the practice (in about 150 words).

- Even some capable students sometimes opt for these courses practice of which is to be discouraged.
- Being a small group, faculty sometimes tend to be liberal in awarding marks in these courses

7. Notes

Optional. Please add any other information that may be relevant for adopting/ implementing the Best Practice in other institutions (in about 150 words).

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7.4 Contribution to environmental awareness / protection

- Tree plantation
- Minimizing water wastage
- Deployment of solar heaters and lighting
- Rainwater harvesting
- LED lamps
- Imbibing waste consciousness by training programs
- Minimising use paper
- Minimizing food wastage in the hostels

7.5 Whether environmental audit was conducted?

| Yes | No |
|-----|----|
| | ✓ |

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

Strengths:

- Sprawling beautiful campuses in four places
- Great infrastructure facilities.
- Excellent student support with hostels, library, scholarships, health care etc
- Transparent admission policy

- Clearly defined Vision and Mission
- Wide number of UG, PG, M.Phil, and Ph.D programs in Engineering, Medicine, Health Sciences, Management, Science and Humanities.
- Qualified and efficient faculty
- Updated curriculum and syllabi
- Effective Teaching-learning process with use of ICT.
- e-governance and e-varsity
- Semester scheme with continuous assessment.
- Methodical and transparent evaluation process
- Strong research culture with significant research output.
- Community oriented extension activities.
- Enviably placement record
- Networking with industries/institutions
- Scholarships and freeships
- Sports and cultural facilities
- Directorates for welfare and development of students and faculty
- SAP, FAP, TG, programs
- Guidance and counseling
- Personality and skill development programs

Weakness

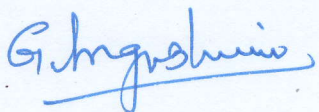
- Ph.D qualified faculty
- Qualified faculty for appointment as Associate professors.
- Adjunct faculty to visit and teach specialized subjects.
- Faculty exchange with reputed universities
- Number of foreign professors and students.
- Sponsored projects and grants
- Paper publications, books and patents.

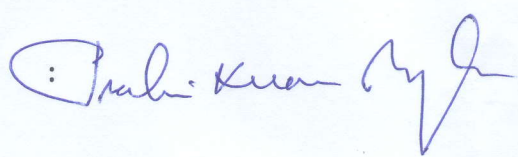
Challenges:

- To recruit Ph.D qualified and competent faculty
- To get specialized guest and visiting faculty
- To maximize ICT enabled pedagogy
- To computerize the remaining activities and to ensure e-governance
- To motivate the faculty to get Ph.D at the earliest.
- To attract more industries for placement, in plant training and project works.
- To inspire faculty towards purposeful research by getting research grants, publishing papers and claiming patents.
- To create the attitude and mindset among all stakeholders towards a feeling of ‘Ownership’ regarding the university.

8. Plans of institution for next year

- To revise the curriculum and syllabus for programs in 2015-16 to adhere to the UGC guidelines on CBCS
- To take efforts to perform strongly in the parameters of World University Rankings
- To go for Re- accreditation of four engineering programs by ABET
- To go for accreditation of programs by IET

Signature : 

Signature : 

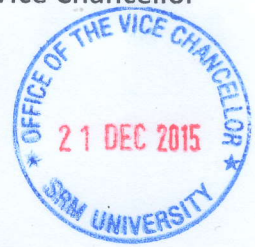
Name : Prof. G. Augustine Maniraj Pandian

Name : Dr. Prabir Kumar Bagchi

Designation : Principal Coordinator, Internal Quality Assurance Cell

Designation : Vice Chancellor

Seal : Prof. G. AUGUSTINE MANIRAJ PANDIAN
Principal Coordinator (IQAC)
SRM UNIVERSITY
SRM Nagar, Kattankulathur - 603 203.
Kancheepuram - Dist., Tamil Nadu



**ACADEMIC CALENDAR
ANNEXURE I**

ACADEMIC SCHEDULE 2014-2015

ODD SEMESTER

| | UG | | | PG | |
|--|---|-----------------------|---------------|---------------------------------|---------------|
| | Freshers | II and III B.Tech. | IV B.Tech. | Freshers | II M.Tech. |
| Commencement of Odd Semester | 14.07.2014 (KTR) 18.07.2014(RPM) 23.07.2014(NCR) 21.07.2014(VDP) | 01.07.2014 | 24.06.2014 | 30.07.2014 (All campuses) | 01.07.2014 |
| Commencement of Cycle Test – I | 18.08.2014 | 30.07.2014 | | 22.09.2014 | 18.08.2014 |
| Commencement of Cycle Test – II | 19.09.2014 | 25.08.2014 | | NA | NA |
| Commencement of Model Exam | 5.11.2014 | 20.10.2014 | | 17.11.2014 | 20.10.2014 |
| Last Working Day | 21.11.2014 | 07.11.2014 | | 28.11.2014 | 07.11.2014 |
| Commencement of University Theory Examinations | 01.12.2014 | 14.11.2014 | | 05.12.2014 | 14.11.2014 |
| Winter Vacation | 08.11.2014 – 01.01.2015 | | | | |
| Reporting date for Faculty - EVEN Semester | 02.01.2015 | | | | |
| Reopening date for students - EVEN Semester | 06.01.2015 | | | | |

EVEN SEMESTER (ALL PROGRAMMES)

| | UG | PG |
|---|-------------------------|------------|
| Commencement of EVEN Semester | 06.01.2015 | 06.01.2015 |
| Commencement of Cycle Test – I | 09.02.2015 | 23.02.2015 |
| Commencement of Cycle Test – II | 09.03.2015 | NA |
| Commencement of Model Exam | 15.04.2015 | 15.04.2015 |
| Last Working Day | 30.04.2015 | |
| Commencement of University Theory Examinations | 06.05.2015 | |
| Summer Vacation | 01.05.2015 – 23.06.2015 | |
| Reporting date for Faculty – ODD Semester | 24.06.2015 | |
| Reopening Date for Students – ODD Semester | 30.06.2015 | |

Student Feedback on Student Outcomes

Program Name: B.Tech in Mechanical Engineering

**Course code and Name: ME0305 HEAT AND MASS TRANSFER
V“B” section**

Semester:

Year: 2014-15

| Course | ME0305 HEAT AND MASS TRANSFER | | | | Total No of Responses : 64 | |
|--------|--|----------------|--------|------------|----------------------------|-------------------|
| Sl. No | Student outcomes | Strongly agree | Agree | No opinion | Disagree | Strongly disagree |
| 1 | (a) an ability to apply knowledge of mathematics, science, and engineering. | 26.56% | 56.25% | 9.38% | 6.25% | 1.56% |
| 2 | (c) an ability to design system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical health and safety, manufacturability and sustainability. | 26.56% | 48.44% | 15.63% | 6.25% | 3.13% |
| 3 | (e) an ability to identify, formulate, and solve engineering problems. | 31.25% | 51.56% | 7.81% | 7.81% | 1.56% |

Abbreviations:

| | | |
|------|---|--|
| CAT | - | Common Admission Test |
| CBCS | - | Choice Based Credit System |
| CE | - | Centre for Excellence |
| COP | - | Career Oriented Programme |
| CPE | - | College with Potential for Excellence |
| DPE | - | Department with Potential for Excellence |
| GATE | - | Graduate Aptitude Test |
| NET | - | National Eligibility Test |
| PEI | - | Physical Education Institution |
| SAP | - | Special Assistance Programme |
| SF | - | Self Financing |
| SLET | - | State Level Eligibility Test |
| TEI | - | Teacher Education Institution |
| UPE | - | University with Potential Excellence |
| UPSC | - | Union Public Service Commission |
