



SRM
UNIVERSITY
(Under section 3 of UGC Act 1956)

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ANNUAL QUALITY ASSURANCE REPORT (AQAR)

2010 -2011

INTERNAL QUALITY ASSURANCE CELL (IQAC)

SRM UNIVERSITY

SRM NAGAR, KATTANKULATHUR

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SRM UNIVERSITY
ANNUAL QUALITY ASSURANCE REPORT (AQAR)
2010-2011
PART - A

The Annual Quality Assurance Report (AQAR) of the IQAC-2010-11

Part A:

(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	Outcome
Enhancement of infrastructure	<ul style="list-style-type: none"> • Annexure building to existing MBA building at and renovation of architecture building for Rs. 4.18 crores • Aeronautical laboratory and hangar for Rs 1.76 crores
Teaching learning process	Conduct of online examination for selected courses
Impetuous to academic research	<ul style="list-style-type: none"> • Totally 303 papers in International Journals and 274 papers in Indian Journals have been published. Nearly 800 research scholars have registered for Ph.D • SRM Research Institute has been set up at Kattankulathur with the twin objectives of a) creating intellectual properties / patents / inventory disclosures and market- ready research prototypes and b) collaborating at peer to peer level with corporate R&D laboratories. • In order to encourage faculty getting funded projects an award of 2% of sanctioned fund of sponsored research project is given to principal investigator from SRM funds. • 98th Indian science Congress was held at SRM University, Kattankulathur during 3-7 January 2011 which was inaugurated by the Honorable Prime Minister of India. The Indian Science Congress is the largest national science event with about 10000 delegates, Noble laureates, eminent scientists, faculty members and research scholars from different Universities, Institutes and National Laboratories participating, exploring, understanding, analyzing and interacting on matters of science. This is also the national forum where the future direction of the science in the country is seeded. The focal theme of the 98th Indian Science Congress is Quality Education and Excellence in Scientific Research in Indian Universities. The highlight was that 6 Nobel laureates attended congress.
Impetus to student research	<ul style="list-style-type: none"> • A Nano Satellite centre has been established in the university in collaboration with ISRO. Faculty and students of Engineering and technology designed, fabricated and launched a nanosatellite on 12th October 2011 which is presently monitoring the toxic gases in the atmosphere. Argus IR Spectrometer, Tektronics Oscilloscope 2GHz, Transciever, Yagi antenna for VHF & UHF, GPS receiver, Magnetometer are some of the equipments available in the centre.
Improvement of Funded Research Programme	17 projects have been sanctioned for 1603 lakhs.

Promotion of Entrepreneurship	<ul style="list-style-type: none"> • SRM innovation and entrepreneurship centre (SRMIEC) has been established <p>The aim of SRMIEC is</p> <ol style="list-style-type: none"> 1. To create an ecosystem to nurture entrepreneurial skills. 2. To facilitate creation of innovative ideas for application of knowledge that benefits the society. 3. Initiating students to projects that would enable development of business and managerial thinking. <p>Innovation centre enables young creative minds to pick up problem statements that have industrial, technological or societal challenge and generate ideas to find solutions. This centre also enables students try out novel technological ideas and work on pre-incubation project.</p> <p>Besides, the incubation centre gives access to more serious minds to incubate their ideas to a prototype and upgrade it to a commercial proposition.</p>
Accreditation	<ul style="list-style-type: none"> • Action has been initiated to get 4 more programs, namely Mechanical Engineering, Civil Engineering, Electrical and Electronics Engineering and Information Technology
Semester Abroad Program	<ul style="list-style-type: none"> • In order to enable the more talented and more competent of students to enhance their knowledge by competing with the best in the world a ‘Semester Abroad Programme’ has been launched which would see around 50 students every year from SRM University sponsored to undergo a semester of study in the reputed universities abroad located in countries like USA, UK and France.
Faculty Abroad Program	<ul style="list-style-type: none"> • Under the Faculty Abroad Program (FAP), SRM sends faculty members to foreign universities for a tenure ranging from 2-3 weeks to one year. The short tenure can be for studying their curricula, teaching methodology, laboratory practices and other academic activities of that university. The experience gained through this study can be shared with SRM to add value to the academic practices at SRM. The longer tenure can be for research activities.
Faculty from Abroad in SRM University	<ul style="list-style-type: none"> • To make the campus environment truly international, visiting professors from foreign universities like USA, Germany, New Zealand, Japan, Australia etc have been recruited. This provides ample opportunities for both the students and faculty members to enrich their knowledge and skills to international standards and undertake joint research. SRM has in its employment around 13 visiting professors from foreign universities. • These visiting professors stay on-campus and SRM provides all facilities for pursuing their research. Their contribution will be in the form of enhancing the academic structure and environment, motivating and assisting in research activities and bringing in international flavour to SRM’s pursuit of excellence.

SRM UNIVERSITY
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PART - B

PART - B

1. Activities reflecting the goals and objectives of the institution:

Sl. No	Mission of the University	Activities carried out towards fulfillment of mission
1.	Create a diverse campus community that inspires freedom and innovation	Admission is based on All India Entrance Examination-SRMEEE thus enabling students from all the states of our country study in SRM campus. Through various student exchange programs, students from countries like China, France, Thailand etc study here.
2.	Strengthen educational processes	Implementation of credit based curriculum and delivery of lessons through digital courseware.
3.	Continue to build international alliances	Implementation of Semester Abroad Program, Faculty Abroad Program, Signing of MOUs, constitution of International Advisory Board and Corporate Advisory Board.
4.	Expand development opportunities available to students and faculty	Sponsoring students and faculty to attend International Conferences. Encouraging staff to register for higher studies at concessional fee structure.
5.	Cultivate exciting and rigorous research environments	Providing state-of-the art lab facilities. Commissioning of Modern library. Incentives for faculty getting funded projects.

2. New academic programmes initiated (UG and PG):2010-11

B.Sc Film Tech. (UG)

B.Com (UG)

MD/MS (PG)

3. Innovations in curricular design and transaction:

- Defining program educational objectives
- Defining student outcomes
- Survey on student outcomes from students

4. Inter-disciplinary programmes started:

- Nanotechnology (UG)
- Nuclear Engineering (UG)

5. Examination reforms implemented:

- Scrutiny of question paper by a specially constituted board.
- Review of answer scripts in the presence of students and faculty
- Online examination for selected courses.

6. Candidates qualified: NET/SLET/GATE etc.

Examination	NET/SLET		GATE		CAT		Civil Services		GRE		TOEFL	
Year	Appeared	Qualified	Appeared	Qualified	Appeared	Qualified	Appeared	Qualified	Appeared	Qualified	Appeared	Qualified
2010-11	25	5	322	87	124	12	152	7	722	652	1120	1109

7. Initiative towards faculty development programme :

Separate directorate has been formed for organization and faculty development

(i) Faculty attending Programmes

8. Total number of seminars/workshops conducted: 97

9. Research projects

a) Research projects newly implemented:

Sl. No	Title of the Project	Names of the Investigators	Funding Agency	Month & Year	Total outlay (in Lakhs)
1.	Implementation of algorithms for trust and replication in mobile ad hoc networks	Prof. Revathi Venkataraman CSE	DRDO	Jan. 2010	5.00
2.	Role of Indoles and Triterpenes in experimental holder carcinogenesis	Dr. S. Sundaresan Medical Research Department	DST Fast Track Scheme for young scientists	Feb. 2010	13.42
3.	DST-FIST Program	Department of Electronics and Communication Engg	DST	March 2010	55.00
4.	Near ground RF propagation studies for wireless sensor Communications	Dr. T. Rama Rao Telecommunication Engineering	DST	March 2010	37.84
5.	Molecular Mechanism of neonatal sepsis	Dr. E. Berlathangam, Biotechnology	DBT	May 2010	45.66
6.	Evidence Based advocacy strategy for revitalization of ICDS in Tamil Nadu – Phase II	Prof. Ch. Satish Kumar School of Public Health Dr. Anil Krishna Ms. Geetha	UNICEF	April 2010	5.69
7.	Epidemic and Pandemic preparedness response	Prof. Ch. Satish Kumar School of Public Health Dr. Rajan Patil Dr. Anil Krishna	UNICEF	May 2010	15.00

Sl. No	Title of the Project	Names of the Investigators	Funding Agency	Month & Year	Total outlay (in Lakhs)
8.	Situational analysis of the program to combat anemia in Krishnagiri, Dharmapuri and Selam Districts of Tamil Nadu	Prof. Ch. Satish Kumar School of Public Health Dr. Rajan Patil Dr. Anil Krishna	UNICEF	May 2010	9.75
9.	Evaluation of the smoke free Chennai mass media campaign	Prof. Ch. Satish Kumar School of Public Health Ms. Geetha	World Lung Foundation Newyork	May 2010	3.00
10.	Improved Satellite rainfall Estimation over India	Dr. T.V. Lakshmikumar Department of Physics	ISRO	July 2010	13.88
11.	Studies on characteristics of Aerosols	Dr. T.V. Lakshmikumar Department of Physics	ISRO	July 2010	43.88
12.	Isolation of endophytes of plants and testing their potential for the control of Ralstonia solanacearum	Ms. Yamani Mishra School of Bioengineering	DST	July 2010	9.84
13.	Physiological Significance of Noni Photochemical on the Neuro – Endocrine – Immune system	Dr. S. Thyagerajan School of Bioengineering	World Noni Research Foundation Chennai	Sept. 2010	10.00
14.	Regulation of mesenchymal stem cell towards osteogenetic cell lineage by micro RNAs	Dr. N. Selvamurugan School of Bioengineering	ICMR	Oct. 2010	24.00
15.	DST-FIST program	Department of Physics	DST	Oct. 2010	60.00
16.	Establishment of National facility for conducting clinical trails on Ayurveda, Siddha & Unani Products	Dr. M. Ponnavaikko Vice Chancellor	DST	Nov. 2010	1252.00
17.					1603.96

b) Research projects Completed: 2010-11

SL. No.	Name of the Project	Department	Sponsoring Agency/ Department	Duration	Project Cost (Rs. in lakhs)	Principal Investigator
1.	Modulation of Neural – Immune Signaling by estrogen in reproductive aging.	Biotechnology	Department of Science and Technology (DST)	2007-2010	37.44	Dr.S.Thyagarajan
2.	Development of Nanofilters for water purification and supported nanoparticles for the removal of Volatile Organic Compounds from contaminated air	Nanotechnology Research Centre	Biotechnology	2006-2009	120. 84	Mr.C.Gopalakrishnan

SL. No.	Name of the Project	Department	Sponsoring Agency/ Department	Duration	Project Cost (Rs. in lakhs)	Principal Investigator
3.	Rhizosphere Microbial Community for Sulfur transformation in Rice	Biotechnology	Biotechnology	2006-2009	30.13	Dr.K.Ramasamy
4.	Prospecting of Genes for Oil Biosynthesis from Jatropha Curcas: Gene Discovery by Pooled Probe Hybridization and Large Scale EST Sequencing of Normalised cDNA Library from Developing Seeds	Genetic Engineering	Biotechnology	2006-2009	27.94	Dr.M.Parani
5.	Career Award for Young Teachers	ECE	Electronics and Communication	2006-2009	10.50	Ms.Shanthi Prince
6.	Equipping Laboratory	Food and Process Engineering	Ministry of Food Processing	2007-2010	50.00	Dr.K.Ramasamy

10. Patents generated, if any:

The following patents have been filed in IPTO/USPTO

1. “Development of PMMA based composite for gas sensing and anti-corrosion applications”, (2271/RQ-CHE/2011), Dr.P.Kamaraj and S.Devikala.
2. “Fabrication of Gas sensing device using PMMA and sodium potassium tartarate”, (2272/RQ-CHE/2011), Dr.P.Kamaraj and S.Devikala.
3. “Development of thick film for sensing ethanol and acetone using PMMA and ammonium dihydrogen phosphate ”, (2273/RQ-CHE/2011), Dr.P.Kamaraj and S.Devikala.
4. “A System and Apparatus for safe Remote On-line tracing, shadowing, surveillance, Inter-communication, location, navigation, tagging, rescue, recovery and restitution of humans and stolen/missing chattels; and the method/s thereof”(1355/CHE/2011),filed with Ali Associates, B.Amutha and Dr.M.Ponnaivaikko.

5. "A Novel composition for curing Endothelial Dysfunction in Diabetes", (2771/CHE/2011), filed with Intepat IP Services, Dr.K.Sumitra.
6. System And Method For Student Activity Gathering In A University, 3905/CHE/2011, Sridhar Varadarajan, Preethy Iyer, and Meera Divya Munipalli Venugopal

11. New collaborative research programmes: (sanctioned in 2010-11)

Sl. No	Title of the Project	Names of the Investigators	Funding Agency	Month & Year	Total outlay (in Lakhs)
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16.	Establishment of National facility for conducting clinical trails on Ayurveda, Siddha & Unani Products	Dr. M. Ponnavaikko Vice Chancellor	DST	Nov. 2010	1252.00
					1603.96

12. Research grants received from various agencies: 1603 lakhs

13. Details of research scholars: 797 research scholars have enrolled for PhD

14. Citation index of faculty members and impact factor: 1.1 (average)

15. Honors/Awards to the faculty:

Dr R. Velu	Best Citizen of India award	Best Citizen publishing House, New Delhi.
Dr.A.Chandramohan	Rajiv Gandhi Excellence award	International Integrity and Friendship society
	Mother Teresa Excellence award 2009	International Integrity and Friendship Society
Dr. Shanthi Prince	Marquis Who's Who in the World	ISTE
		Marquis, US
Dr. Vidhya Charan Baskhar	1. The Top 2000 Intellectuals of the 21st Century. 2. Top 100 Educators. 3. International Educator of the year.	International Biographical Centre, Cambridge, UK
	Marquis Who's Who in the World	Marquis, US
	Best Academic Researcher	Association of Scientists, Developers, and Faculties (ASDF)
Dr. M. Malathi	Marquis Who's Who in the World	Marquis, US

16. Internal resources generated:

Unit	Internal resources generated in lakhs (Rs.)
	Consultancy
Faculty of Engineering and Technology	57 Lakhs
SRM Dental College , Ramapuram	4 Lakhs
SRM College of Physiotherapy	5 Lakhs

17. Details of departments getting SAP, COSIST(ASSIST)/DST. FIST, etc. assistance/recognition:

Please refer Items 9, 11 & 12 above

18. Community services

Activity	Location	Month
To cater to the health of disadvantaged and poor communities living in Rural areas, a Primary Health Community Centre has been set up in Mamandur near Chengelpet. This has provision for OP/IP/ Delivery / Surgery and Consultancy. The patients are treated free of cost.	Mamandur	Throughout the year
An Urban Health Centre for OP has been set up at Maraimalai Nagar, where the local community is treated free of cost.	Maraimalai Nagar	Throughout the year
An MoU has been signed with Govt. of Tamilnadu and SRM has funded to the tune of Rs. 60 Lakhs for setting up a Trauma/Autopsy centre to offer free services.	Tambaram GH at Chrompet.	Throughout the year
Primary Health Community Centres fully sponsored and manned by SRM doctors are running at various places to cater to the rural community health needs.	Padalam, Nandivaram, GG Pettai & MM Nagar.	Throughout the year
Dental Care Centres, sponsored by SRM and manned by Dentists of SRM Dental College are offering free treatment to the local communities.	M.G. R Nagar & Porur.	Throughout the year
ANSH is a student-run not-for-profit association that educates children of the construction site labour working at the Kattankulathur campus of SRM University. The team has been taking classes for the children since this January on Saturdays and Sundays from 4pm to 6pm. The children are in the age group of 7-15 years and are given lessons in subjects like basic mathematics and general knowledge.	Kattankulathur campus.	Since January 2010
SRM University along with city-based non-governmental organisations and leading corporate giants, observed the Joy of Giving Week 2010 which is nothing but a festival of philanthropy resulting in financial aid to underprivileged sections of society	Kattankulathur campus	September 2010
Department of Cardio Thoracic Surgery of SRM Medical College and Hospital and Health Sciences saved the lives of 4 persons including 2 infants by carrying out rare and complex open heart surgeries to rectify the defects in the heart. The surgeries were performed free of cost.	Kattankulathur campus	August 2009

ITI level Training to masons, carpenters, plumbers, and electricians to enable and empower local community by the departments of Civil, Mechanical and Electrical & Electronics Engineering departments.	Kattankulathur campus	August-December 2010
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19. Teachers and officers newly recruited:

Professors- 19

Associate Professors : 23

Assistant Professors- 78

20. Teaching – Non-teaching staff ratio: 1:1.36

21. Improvements in the library services:

- Library timings revised to 8 am to 10 pm
- Own book reading rooms commissioned
- Loaning of laptops to faculty and students

22. New books/journals subscribed and their value:

	Rs. in lakhs
Item	2010-11
Books	271.6
e-books	41.4
Journals	97.1
Online journals	81.6

23. Courses in which student assessment of teachers is introduced and the action taken on student feedback:

Systematic student feedback is taken for all the courses – both theory and practical.

The feedback is taken on the quality of teaching through various attributes.

The feedback taken is evaluated through computer or manually and grading of the faculty is made. The deficiencies highlighted in the feedback are communicated to the faculty for introspection and for taking corrective and preventive action.

24. Unit cost of education:

Institution	Unit cost Including Salary Component
	(Rs.)
Faculty of Engineering & Technology	105048
SRM School of Teachers Education	57737
SRM Institute of Hotel Management	61496
SRM Medical College Hospital and Research Centre	978661
SRM College of Pharmacy	85556
Faculty of Science & Humanities	62030
SRM Kattankulathur Dental College and Hospital	212058
SRM Dental College – Ramapuram	76117
SRM College of Nursing	94137
SRM College of Physiotherapy	111684
SRM College of Occupational Therapy	108724
SRM IMT Modinagar	105048

25. Computerization of administration and the process of admissions and examination results, issue of certificates:

Process	Extent of computerization
1. Admission process	100%-ERP
2. Issue of Id cards	100%-ERP
3. Student and staff attendance	100%- e-varsity
4. Award of internal assessment marks	85%-e-varsity
5. University examination process and award of degrees	100%-ERP
6. Accounts	100%-ERP
7. Tax deduction	100%-ERP
8. Internal communication	95%
9. Stores	37%
10. General administration	75%

26. Increase in the infrastructural facilities:

- Annexure building to existing MBA building at and renovation of architecture building for Rs. 4.18 crores
- Aeronautical laboratory and hangar for Rs 1.76 crores

27. Technology upgradation:

Category	New technology introduced
Teaching methodology	Delivery of digital courseware through ppt, with direct access to internet through Wi-Fi in the class rooms.
Lab classes	Active learning lab- simulation and hands on experience
Administration	Computerization of records
Any other (please specify)	e-varsity and ERP
	Faculty appraisal System

28. Computer and internet access and training to teachers and students:

Wi-Fi connectivity in the campus – 390 Mbps

29. Financial aid to students:

SRM University has granted scholarship to the tune of Rs. 12 crores in the following categories for the year 2010 – 11

1. Founders scholarship
2. Performance based scholarship
3. Sports and Cultural scholarship
4. Need based scholarship
5. Admission scholarship

1. Founders Scholarship

- i. The founders scholarship consisting of academic merit scholarship for state board and CBSE students who have secured 90% and above have chosen from the students admitted during the academic year 2007 – 08. This includes full tuition fees waiver, book fees, hostel and mess fees and an additional stipend of Rs. 1000/- per month.

ii) Sports and Extra curricular achievements scholarship : SRM

University has been promoting excellence in the country, particularly in the Southern part of India. One will be proud to know that students from SRM University are very actively participating in all State / University / National / International level sports events and brining laurels, medals, trophies and more than that good reputation to the University. The University Management has also taken a policy decision to admit the students under sports quota by providing complete fee-waiver with tuition fees, book fees with free boarding

and accommodation etc. The total concession works out to Rs.55 Lakhs for this academic year for 65 students.

iii) **Economically Challenged** : This scholarship for Economically challenged students considering their academic merit and the parents economic background. Only one student identified under this category is being given full fees waiver of Rs.1,50,000/-

2. **Performance based Scholarship:** This scholarship instituted for the benefit of all II Year, III Year and IV the year students based on their previous year academic performance (University Examination results) top ranks ranging from 1 to 12 ranks depending upon the student strength in the branch/year. The total benefited students are 279 and the scholarship amounts to Rs.75,00,000/-
3. **Need Based Scholarship:** Every year the management is extending scholarship and fees concession for the students like SC/ST, wards of Ex-Servicemen, students affected by Tsunami, Physically handicapped parents students, wards whose parents are severely affected on medical grounds. Freedom fighters wards, poor agriculture family, coolies and petty shop keepers and daily wages workers wards totaling 80 students amounting to Rs. 25 lakhs.
4. **Admission scholarship:** This scholarship is extended to the students who have scored above 90% in their State Board / CBSE examinations and the students chosen from the admitted during the academic year 2007 – 08. This scholarship will be given waiver of 50% tuition fees amounting to Rs.64.12 lakhs.
5. **Scholarship for differently-abled students** This scholarship is offered to physically challenged students and they get the full fee waiver.

In addition to the above SRM Engineering College provides following government aided scholarships.

SC/ST SCHOLARSHIP SCHEMES

1. Government of India (Decentralized) scholarship
2. Chief minister's award (Tamil Nadu)
3. Government of India Loan scholarship scheme
4. Government of India Merit scholarship (Gandhi Memorial award)
5. SC/ST Merit scholarship scheme sponsored by ONGC

SCHOLARSHIP FOR ECONOMICALLY WEAKER STUDENTS BY SRM UNIVERSITY

1. Every year economically weaker students are identified for award of fee waivers based on their merit. In addition financial assistance in the form of books is sponsored by the Alumni Association of SRM University.
2. Fee waiver is also extended to the students who have scored the highest marks in Plus 2 as well as semester examinations conducted by this University. This scholarship is sponsored by Valliammai Trust.
3. Ward of staff working in SRM Group of Institutions are eligible to get tuition fee waiver up to 50% of the fees.

BC/MBC/DNC

1. Backward class welfare merit scholarship (Tamil Nadu)
2. Most backward class and De-Notified Communities welfare merit scholarship
3. Most backward class and De-Notified Communities welfare merit scholarship scheme in the Dist. Level for students scoring high marks in +2 level Government examinations.
4. Arignar Anna/Thanthai Periyar Memorial scholarship scheme for meritorious MBC/DNC students.

OTHERS

1. National Talent search scheme – Award of Scholarship sponsored by NCERT, New Delhi.
2. Scholarship by Rajaasthan Association Tamil Nadu.
3. Government of India National Merit scholarship schemes
4. The Tamil Nadu Education Trust-Fresh scholarship for the meritorious students

5. National Foundation for Teacher's Welfare award of Scholarship to the wards of the teachers pursuing higher studies in professional degree courses.
6. Grant of departmental scholarship-BSNL Ltd, Tamil Nadu
7. Award of merit scholarship from Central Warehousing Corporation (CWC)
8. Foundation for Academic Excellence and Access (FAEA) – Scholarship Grant.
9. National scholarship scheme – wards of officials sponsored by Accountant General
10. Nehru Memorial scholarship sponsored by NALCO (National Aluminum Company Ltd., Bhubaneswar).
11. Stipend for students sponsored by Directorate of Higher Education Tripura.
12. Award of scholarship to the wards of BEEDY workers sponsored by BEEDY welfare association.
13. Special fund for reconstruction/rehabilitation of Ex-servicemen.
14. Higher education scholarship sanctioned by Directorate of Education Government of Pondicherry.
15. Stipend and book grant sanctioned by Government of India Ministry of Home Affairs North Eastern Council Secretariat, Shillong.
16. Stipend and Book grant sanctioned by Government of Arunachala Pradesh Office of the Chief Engineer (WZ) PWD, A.P. Itanagar
17. Welfare scholarship for labor-sanctioned by the Asst.Welfare commissioner Govt. of India, Ministry of Labor, Madurai.
18. Welfare Scholarship sanctioned by O/O IAF, Benevolent Association, New Delhi
19. Welfare scholarship sanctioned Central Wakf Council, New Delhi.

30. Activities and support from the Alumni Association:

In addition to students from Faculty of Engineering and Technology, students from other faculties also included.

31. Activities and support from the Parent-Teacher Association:

1. Inaugural function on the opening day is conducted in an elaborate manner in all the three Faculties well attended by the parents.
2. Parents are periodically informed of their wards' progress in academics.
3. Whenever disciplinary problems arise parents are taken into confidence and they are advised on the course of action to be taken from their side.
4. Parents are updated on the activities of SRM University through the campus newspaper "Spectrum"

32. Health services:

Both students and faculty members are treated free of cost in all the Outpatient departments of the SRM Medical College Hospital and Research Centre. Medicines are also provided free of cost. Investigations and surgical procedures are done at concessional rates.

33. Performance in sports activities:

Sl. No.	Name of the Tournament	Venue	Result
1.	Colosseum 2011 Basketball (W) Tournament	Sastra University, Tanjavur	Winner
2.	Colosseum 2011 Cricket Tournament	Sastra University, Tanjavur	Winner
3.	Colosseum 2011 Badminton (W) Tournament	Sastra University, Tanjavur	Winner
4.	Colosseum 2011 Table Tennis (M) Tournament	Sastra University, Tanjavur	Winner
5.	Colosseum 2011 Chess (M) Tournament	Sastra University, Tanjavur	Winner
6.	Kongu Trophy Badminton (W)	Kongu Engg. College, Erode	Winner
7.	Kongu Trophy Badminton (M)	Kongu Engg. College, Erode	Winner
8.	Kongu Trophy Volleyball (M)	Kongu Engg. College, Erode	Winner
9.	Kongu Trophy Table Tennis (M)	Kongu Engg. College, Erode	Runner
10.	Kongu Trophy Volleyball (W)	Kongu Engg. College, Erode	Runner
11.	State Level Inter Collegiate Volleyball (M) Tournament	Sri Moogambigai College, Keeranur	Winner
12.	State Level Inter Collegiate Volleyball (M)	Ayya Nadar College, Sivakasi	Winner
13.	State Level Inter Collegiate Volleyball (M)	Vellasamy Nadar College, Madurai	Winner
14.	State Level Inter Collegiate Volleyball (M)	Yadava College, Madurai	Winner
15.	State Level Inter Collegiate Hockey (M)	Arulanandar College, Madurai	Winner
16.	State Level Inter Collegiate Ball Badminton (W)	RKS Club, Erode	Runner
17.	BUCK Tournament Volleyball (M)	YMCA College, Chennai	Winner
18.	BUCK Tournament Football (M)	YMCA College, Chennai	Winner
19.	BUCK Tournament Ballbadminton (M)	YMCA College, Chennai	Winner
20.	BUCK Tournament Hockey (M)	YMCA College, Chennai	Runner
21.	State Level Inter Collegiate Table Tennis (M) Tournament	D.G. Vaishnav College, Chennai	Winner
22.	State Level Inter Collegiate Chess (M) Tournament	D.G. Vaishnav College, Chennai	Winner
23.	State Level Inter Collegiate Football (M)	Hindu College, Chennai	Runner

24.	State Level Inter Collegiate Ball Badminton (W)	Komarapalayam	Winner
25.	State Level Open B-Division Volleyball (M) Tournament	Chennai	Winner
26.	State Level Inter Collegiate Volleyball (M)	Sivakasi	Winner
27.	State Level Open Ball Badminton (M) Tournament	Nagapattinam	Winner

Highlights

- The University secured overall Championship in BUCK Sports Festival for past three years.
- The University secured overall Championship winning the Kongu Trophy for past three years.
- The University secured overall Championship in Colosseum'2011 in Sastra University.
- The University secured overall Championship in All India inter collegiate tournament IIT, Kanpur.

34. Incentives to outstanding sports persons

- The university has been promoting excellence in sports in the country, particularly in South India. Students from the university actively participate in all State / University / National / International level sports programs and bring laurels to the university.
- The management admits students under “Sports quota” and provides them complete fee waiver with free boarding and accommodation depending upon their sports record at the University / State/ National / International level.
- The students are given additional coaching, sports kits, and blazers. They are provided with liberal financial support whenever they represent the university at regional and national level. They are also provided special academic coaching if required.
- There are a few Central/ State government scholarship for students proficient in sports activities. The university awards certificates, gold medals, shields, etc., to deserving sports persons to motivate them to achieve excellence in their pursuit of sports.

35. Student achievements and awards:

- The aerospace engineering department students have designed a green spacecraft which won the THIRD prize in NASA, USA conducted international design competition.
- BAGA, an all terrain vehicle designed, manufactured and tested by the students of automobile engineering won the I prize in the all India competition in 2011.
- Divyans Mahansaria, a final year B.Tech/CSE student has acquired copyright for a software to control shoulder surfing. The software was designed by Divyans Mahansaria, with significant help from R. S. Diwaagar (B.Tech/IT, 2009 Batch)

36. Activities of the Guidance and Counseling unit:

The career guidance cell is a unique feature of SRM University. The personality Development Course offered through the first three years is indeed the first of its kind. The course is aimed at inculcating the required skills among the students.

It enables them to evaluate themselves, set goals, prioritize and work toward attaining success. The department aims at transforming students into confident and highly communicative young professionals who are ready to meet the industry demands.

The career guidance cell proposes to extend its activities by providing training for GRE, GMAT & TOFEL and for all competitive exams.

37. Placement services provided to students:

PLACEMENT

Placement and Training Cell of SREM University takes care of the placement and training needs of the students. The functions of the cell can be broadly stated as follows:

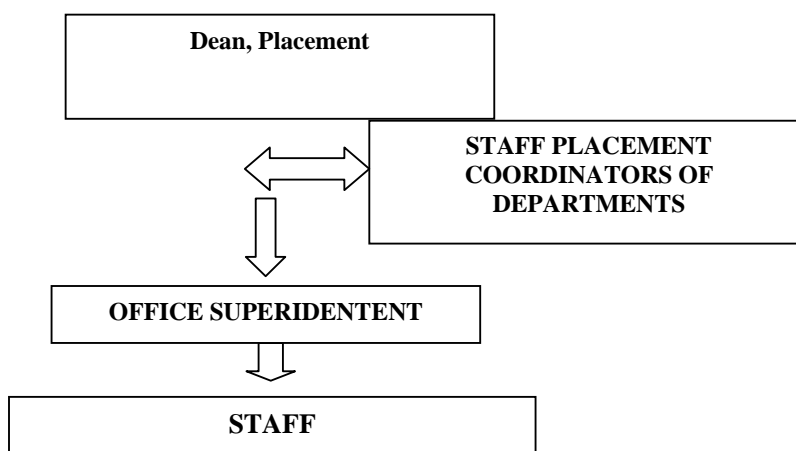
1. Prepare, update and maintain an exhaustive list of potential recruiters of the students of F(E&T)
2. Prepare a list of students belonging to all programs who are eligible for placement. The list is prepared after laying down the norms of eligibility as

preferred by the recruiters. Since these eligibility norms vary from one recruiter to another, the list may contain various sub- groups.

3. To liaise with and convince the recruiters and arrange campus recruitment programs in a planned manner.
4. With the support staff available in the P&T cell and with the help of faculty in the departments, placement process prescribed by the recruiters is conducted. The placement process may consist of administering written tests, conducting group discussions & interviews etc.
5. To arrange pre-placement training for the students before they undergo placement process.
6. To get feed back from the recruiters on the performance of the students in the recruitment process and disseminate the same to the departments.
7. As and when required, to interact with the recruiters and get information on the performance of candidates recruited from SRM in their respective jobs.
8. To enable the students in undergraduate programs to undergo in-plant training in industries.
9. To maintain the records and statistics related to placement activities.

ORGANISATION CHART

PLACEMENT AND TRAINING CELL



I. Placement Record

SUMMARY OF PLACEMENT RECORDS : 78%

38. Development programmes for non-teaching staff:

1. Programs on internet usage..

39. Healthy practices of the institution.

Following are some of the healthy practices adopted to imbibe vigor in the teaching learning process

- Institute Industry Interaction
- Semester Abroad Program
- Faculty Abroad Program
- Employment of foreign professors in SRM
- Cash award for faculty publishing refereed in journals.
- Best performance award to faculty- department-wise.
- Cash incentive to faculty with 100% pass in the courses handled.
- Scholarship for differently-abled students
- Admission of students on sports quota.
- Food courts
- Bookstalls- Higginbotham's
- Places of worship
- Open communication between students and the Vice Chancellor.
- Wi-Fi connectivity
- Teaching fellowship

The details of the abovementioned healthy practices are given in following paragraphs.

INSTITUTE INDUSTRY INTERACTION

SRM University is taking lot of initiatives in the area of Industry – Institute Interaction and has established a separate Institute – Industry Interaction Cell (IIIC) headed by a Dean. This Cell coordinates with all the Faculties of the University as well as Industry to have a closer linkage in the areas such as On-site Educational Programme, Consultancy, Collaborative Programmes, Setting-Up R&D Laboratories, Joint Research programmes, Exchange Programmes, and other areas of mutual interest.

Initiatives of IIIC taken up during the year

An On-site Education Development Programme (OEDP) agreement was signed with NOKIA for awarding B. Tech. (ECE), and B. Tech. (Mechatronics) for their employees now holding diploma. The classes for them are conducted by SRM Faculty at the company's premises. Such programs enable the companies to reduce the attrition rate of their employees.

A collaborative program between School of Civil Engineering, SRM University and University of Dundee, Scotland, called UK-India Education and Research Initiative (UKIERI) has recently been initiated.

Cognizant Technology Solutions (CTS), Chennai signed a MoU for conducting symposiums, workshops, faculty training, visiting faculty scheme, and to conduct "EVOLVE" workshop to enhance employability skills of the students.

A University Alliance Program was signed to establish the PREMIA Academy of Insurance and Technology to nurture young talent in the field of insurance and technology through collaboration with 3i InfoTech Ltd., Mumbai.

A MoU has been signed with JUSE (Union of Japanese Scientists and Engineers) the highest International Professional body for Quality. The MoU envisages collaborative work in the areas of developing educational / training programmes on TQM, to conduct national and international seminars jointly with JUSE, highlighting the theme of TQM principles and practices to be adopted / being adopted by successful companies all over the globe, vying with each other to maintain international quality standards. The MoU also envisages training of preliminary inspectors for industries aspiring for Deming Awards.

SEMESTER ABROAD PROGRAM

Description

SRM sends many students and students to foreign universities for one semester under exchange / twining programs. Recently around 48 students were selected, under **Semester Abroad Program (SAP)**, and sent abroad to study one semester in Universities in USA, FRANCE, and ENGLAND. Scholarships are also provided to the students who are going abroad. Under this Semester Abroad Program, SRM aims

at sending 100 students every year to foreign universities. This program provides a platform to the students

- (1) To have an international exposure in higher education,
- (2) 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.
- (3) Get an opportunity to work in a cross-cultural, multi-national environment.
- (4) Acquire or improve self-confidence and independency.

FACULTY ABROAD PROGRAM

Under the **Faculty Abroad Program (FAP)**, SRM aims at sending 50 faculty members to foreign universities for a tenure ranging from 2-3 weeks to one year. The short tenure can be for studying their curricula, teaching methodology, laboratory practices and other academic activities of that university. The experience gained through this study can be shared with SRM to add value to the academic practices at SRM. The longer tenure can be for research activities.

Also SRM has received, under the exchange program, TWO students from University of Tours, France, who will be spending one semester in SRM during January –June 2008 and one Chinese Language teacher from Guongdong Normal Polytechnic University (GPNU), China. Many foreign universities like University of Central Oklahoma, Birmingham City University, UK, Kyushu Institute of Technology, Japan etc, turn to SRM University for joint programs in Nursing.

CASH AWARD FOR FACULTY PUBLISHING IN REFEREED JOURNALS

Every year faculty who publish in refereed journals are given cash incentives in addition to the reimbursement of the expenses incurred in publishing the paper. A committee is constituted for this purpose to select the papers.

BEST PERFORMANCE AWARD TO FACULTY- DEPARTMENT-WISE.

Faculty who perform well in teaching, research and who contribute to the cause of the institution by shouldering additional responsibilities are selected and cash awards are given in every department.

CASH INCENTIVE TO FACULTY WITH 100% PASS IN THE COURSES HANDLED.

To encourage faculty to involve themselves wholeheartedly in teaching and to take special care of the marginal students, cash awards are given to those who produce 100% pass in the courses handled.

SCHOLARSHIP FOR DIFFERENTLY-ABLED STUDENTS

This scholarship is offered to physically challenged students and they get the full fee waiver.

ADMISSION OF STUDENTS ON SPORTS QUOTA.

To promote sports in the campus, SRM University offers free admission to sportspersons in different faculties with full fee waiver. Every year around 100 students avail themselves of this facility with the fee waivers amounting to more than Rs. 75 lakhs.

FOOD COURTS

Food courts of leading business houses like Reliance etc are given permission to set-up food courts so that students are provided with a variety of hygienically prepared food at economical rates.

BOOKSTALLS- HIGGINBOTHAM'S

Through a tie-up with Higginbotham's, a book house has been established within the campus to enable students to nurture their reading habit by foraying outside their subject specialization.

PLACES OF WORSHIP

In order to foster religious harmony and to provide facilities for worship separate religious places of worship have been provided which are well used by the student community.

OPEN COMMUNICATION BETWEEN STUDENTS AND THE VICE CHANCELLOR.

Usually a communication barrier exists between the students and the top management which sometimes create discontent among the students. In order to overcome this problem and ensure harmony and participation at all levels, students and faculty can directly contact the Vice Chancellor through e-mail and offer their suggestions for improvement of any practice or activity. This facility has been well appreciated by the student and faculty.

WI-FI CONNECTIVITY

Because of the availability of Wi-Fi connectivity in the campus students have free access to internet thus enriching their knowledge. In the evening it is a wholesome sight to see students sitting under trees, in play grounds accessing internet through their lap-tops.

TEACHING FELLOWSHIP

Every year interested and meritorious students but who are economically challenged, doing their PG/Ph.D programs, are selected to take classes for the UG courses and they are paid remuneration.

ADDITIONAL INFORMATION

To make the campus environment truly international, visiting professors from foreign universities like USA, Germany, New Zealand, Japan, Australia etc have been recruited. This provides ample opportunities for both the students and faculty members to enrich their knowledge and skills to international standards and undertake joint research. SRM has in its employment around 6 visiting professors from foreign universities.

These visiting professors stay on-campus and SRM provides all facilities for pursuing their research. Their contribution will be in the form of enhancing the academic structure and environment, motivating and assisting in research activities and bringing in international flavour to SRM's pursuit of excellence.

Also SRM has received, under the exchange program, TWO students from University of Tours, France, who will be spending one semester in SRM during January –June 2008 and one Chinese Language teacher from Guongdong Normal Polytechnic University (GPNU), China. Many foreign universities like University of Central Oklahoma, Birmingham City University, UK, Kyushu Institute of Technology, Japan etc, turn to SRM University for joint programs in Nursing.

SRM has been able to attract many students from USA, Canada, China, Ghana, UAE, Sri Lanka, Nepal etc in the faculties of Engineering and Technology, Medicine. At present there are around 44 NRI/foreign students studying in the current academic year and SRM plans to increase this to 8-fold next academic year. SRM will be admitting around 300 Chinese students in the year 2008. SRM University has positioned itself strategically to receive large number of foreign students in the coming years.

40. Linkages developed with National / International, academic / Research bodies

- International Advisory Board and Corporate Advisory Board are fully functional.
- MoUs increased To 77

41. Any other relevant information the institution wishes to add:

- Post doctoral programs are to be started from 2012-13
- SRM research Institute, Kattankulathur, to be fully functional from 2012-13

SRM UNIVERSITY
ANNUAL QUALITY ASSURANCE REPORT (AQAR)
2010 -2011
PART - C

PART - C

Detail the plans of the institution for the next year-2011-12

- Create an exciting research environment to be able to realize targeted funded projects and knowledge creation.
- Significantly enhance our academic networking with eminent professors and researchers across the country by inviting them for special lectures, doctoral committees, seminars, conferences and other functions.
- Connect with large number of leading industry at senior level helping placement.
- Lift up the quality and impact of the National and international conferences aligning with association and industry of repute reflecting high standards.
- Utilize powerful international connections for exchange of students and faculty enhancing curriculum and syllabus and joint research to achieve international standards and faculty. Make interactions across all levels delightful, respecting and regarding with mutual trust and team spirit.
- Greater emphasis on student discipline and performance creating academic rigour and transform the institution to be student centric helping and caring.
- Share and optimize the resources in the University.
- Build a strong linkage with alumni and parents making them as involved stake holders of our system.
- Instill a sense of pride and belonging at all levels from Directors to students as a single family.

Prof. G. Augustine Maniraj Pandian
Principal Co-ordinator IQAC

Prof. P. Sathyanarayanan
Vice Chancellor
Chair Person, IQAC