

SELF STUDY REPORT
NANDHA COLLEGE OF PHYSIOTHERAPY
Koorapalayam Pirivu, Pichandampalayam Post,
Erode 638 052.

Website : www.nandhaphysio.org

e-mail: nandhaphysio@gmail.com

Phone : 04294 – 221405, **Fax :** 04294 - 224622

A. PREFACE

Nandha College of Physiotherapy, a self-financing college affiliated to The Tamilnadu Dr M.G.R Medical University, Chennai, Tamil Nadu is located on the corridor of state highway between Erode-Coimbatore near Perundurai, Tamil Nadu. **Nandha College of Physiotherapy, Erode** was established in 1993 by Sri Nandha Educational Trust is yet another milestone in the Trust's march to attain excellence in the field of higher education. It can be rightly said that it is build on the fruitful experience of an excellent past to guarantee a promising future. The main aim of the college is to provide **to emerge as a world class institution of excellence, imparting scientific knowledge that empowers aspiring learners in the field of physiotherapy to be the best practitioners of the world.**

The College started with Bachelor of Physiotherapy (BPT) twenty one years ago, and has grown to an institution with four PG Courses started on June 2002. Importantly, with the direction from the well-known educationalist Dr.S.P.Viswanathan, Former Registrar, Bharathiar University guided in the growth of the College, has been well planned to excel and aimed to meet the specific needs of our industry and the growing academic interests of the student community.

The strategic planning to improve the quality of education, Research & Development and Innovation using various objectives is based on the Strength Weakness Opportunities and Challenges (SWOC) Analysis. The SWOC analysis was performed in a population of all the stakeholders such as students, parents, teachers, personnel in the administration and human resource personnel from the hospitals. These analysis highlighted similar attributes as the strengths in curricular, co-curricular and extracurricular areas in the undergraduate & postgraduate educational system of the College. Specifically, the attributes like 80-90% graduation rate with approximately 20% having distinction, more than 100% placement for all the eligible graduating students and more than 20% students, who have opted to go for higher education programme, reflect the existence of a high-quality undergraduate & postgraduate programme in our college.

These are the unique selling points of the College, also. These characteristics of this College have aligned with the mission of the College, which states to emerge as a center of excellence, this meets global standards in creating and cascading knowledge by providing students a unique learning experience through its academic rigor and by following an application oriented teaching practice.

To motivate, guide and generate qualitative researches for widening the frontiers of physiotherapy as science useful for the betterment of our society.

To extend the frontiers of physiotherapy as a branch of medical science by constantly learners to take up research which aims at generating new knowledge for the betterment of humanity.

B. Executive Summary - The SWOC Analysis of the Institution

Criterion I: Curricular Aspects

The College has a stated vision and mission to achieve its goals and objectives. The college is affiliated to The Tamilnadu Dr. M.G.R. Medical University, Chennai. The institution offers B.P.T and M.P.T programs with four specialties.

The College follows the curriculum prescribed by The Tamilnadu Dr. M.G.R Medical University which updates the curriculum according to changing needs of the society. The curriculum committee of the college plans the curriculum and orients the faculties to the curriculum and implement incorporating the changing local and global health needs.

The institution strives to achieve holistic development of the students through well planned lecturers, clinical practice, educational visits, research, project work, participation in community outreach programs like health camps and rallies etc. Problem based learning and participatory types of teaching-learning methods are the innovation followed in the institution, slow learners are helped through remedial drills and tutorial classes arranged by the faculties, students hailing from disadvantaged section are facilitated to avail SC / ST, minority, institutional scholarship and first graduate monitory benefits. Apart from this institution offers enrichment classes to the students.

The exposure of the faculties to recent advances and feed backs from the stakeholders, self-performance appraisal of the faculties give the right impetus and direction for necessary changes in the curriculum.

Criterion II: Teaching – Learning and Evaluation

The College adheres to The Tamilnadu Dr. M.G.R Medical University, admission norms where it allows to cater the diverse student population representing different geographical areas of Tamilnadu, Kerala, Manipur, Meghalaya, Tibet, Nepal, hailing from different socioeconomic background, backward, SC, ST Communities. The college makes the admission process transparent and well administered through admission committee by advertisements, website, educational fair, alumni meet and college magazines.

The college follows relevant teaching methods like lectures, demonstration, discussion, problem based learning, interactive and participatory methods like bedside, clinics demonstration, Journal presentation, Case Presentation along with this, the students are guided to organize and attend seminar and conferences.

To enhance teaching learning process the faculties are encouraged and guided to use variety of A.V. Aids such as LCD Projectors, OHP, Charts and other Traditional aids. All these efforts are taken by the institution to balance the diverse characteristics of the learners and for the better teaching learning outcomes.

Institution strives to maintain excellence in teaching learning process through appointing competent dedicated teaching fraternity and constantly encouraging them to have professional development by organizing and attending conferences, seminars and training programs.

To increase the efficiency and effectiveness of the teaching learning activity formative subject evaluation is conducted by the subject teachers periodically. Student feedback of teachers on teaching learning, like wise students performance both in theory and practical is periodically evaluated, these are analyzed and necessary actions are taken.

Realizing the importance of institutional responsibility in the teaching-learning evaluation process, Internal Quality Assurance Cell has been formed recently to discuss the various issues regarding teaching - learning evaluation and research.

Criterion III: Research consultancy and extension

The college has a Research and Ethical committee headed by the Principal, all the HOD s ,staffs, and PG students as the members, the Research committee promotes research activities in the institution through developing the research policies, providing expert advice and suggestion in carrying out the institutions research project.

Institution bring out the scientific temper among faculty and students by encouraging the faculty and students to organize and attend CME, Workshops and present scientific paper outside the college, to keep the faculty and students in phase with research activities. The institution organizes various social outreach programmes which sensitize the faculty and student identify research problem. And this is achieved through making staff and students to actively participate in extension and outreach activities like, world physiotherapy day, blood donation camp, all the department activities, YRC, ECHO and WDC programmes.

The college permits the faculty and students to utilize the OPD, lab, library and internet facilities for their research activities, also it encourages the faculty and to undertake inter departmental and disciplinary research projects and research consultancy services. The institution has the policy to award the faculty and students for generating new knowledge through research.

Criterion IV: Infrastructure and Learning Resources:

The College is situated in the peaceful pollution free environment which is conducive for learning, occupying the area of 24,907 Sq. Feet for its college, hostel and for other supportive facilities. The class rooms are well equipped with latest teaching and learning audio visual facilities. The Wi-Fi facility is made access in the class room, library and hostel.

The College has a Main Library and departmental Libraries stocked with books, scientific journals, e-journals, with spacious and wide reading room, computer with internet connection and uninterrupted power supply.

Integration of theory and practice is inevitable in Physiotherapy to achieve this unique purpose the college has well-furnished and adequately equipped lab and other speciality labs which assists the students to develop practical skills in an effective manner. For real life clinical practice the college has tie-up with National, State, District, Local level General and Multi speciality hospitals. It is made access to staff and students through well organized transport network.

The College has separate common room facility for staff and students, safe drinking water, adequate wash room facility. Separate secured hostels are available for girls and boys which is provided with round the clock security,

mess facility, recreational facility, first aid and emergency transport facilities. Closer to the hostel there is a cafeteria functioning from morning till evening providing hygienic food and beverages. All departments and the administrative office and hostel have intercom facility. For encouraging the students to take part in sports and games the college has a play ground which facilitate the students to play out door games like volley ball, throw ball, shuttle –cork, Tennicoit, Kho-Kho and there is provision for indoor games also.

Criterion V: Student Support and Progression

The student support and progression service starts rights from the day of student's entry into the college. The institution have well structured orientation and induction programs for the fresher's as well as when they step in to the next academic year, to provide a homely and learner friendly college atmosphere, the college have proctor scheme headed by the competent counseling faculties which render supportive service through keen observation of every aspect of students behavior.

The institution provides good educational facilities, efforts, regular evaluation of students academic performance, remedial measures like tutorials, study hours, remedial drills. Question banks are provided to the students to prevent dropouts and counseling to the potential dropouts.

The college has provision for developing computer skills for all students. Soft skill training, regional language classes, enrichment courses are introduced by the institution to develop life skills, community orientation, good citizenship and personality development.

College of Physiotherapy brings out updated prospectus, Academic calendar and the Annual Magazine, the institution encourages the students to pursue higher education around 10-20% of students go for the same and about 90-98% of the students are placed in reputed hospitals at state and National level through the effectively functioning placement cell of the college and also the institution gives first preference to its graduates to work in their mother institution. Those who wish to seek job abroad, qualify themselves for competitive examinations as per the requirements. The college has active alumni cell which organize alumni interaction.

The college also takes pride is stating that its students shine in cultural and sports event and held at inter College level, intra College level and social activities organized by the institution and in collaboration with other governmental and social welfare organizations. The institution develops entrepreneurial skills by making the students to organize and participate in Seminars, Workshops, Conferences, urban and rural health programs.

The college has an anti-ragging committee to note the incidence of ragging, The helpline numbers are displayed across the institution for the easy access. The student grievance redressal cell is there to addresses the grievances of the students and if there is any grievances it will be aptly dealt by the concerned authority.

Criterion VI: Governance, Leadership and Management

The vision and mission statement of the Nandha College of Physiotherapy depicts the motto of the institution is to achieve excellence in Physiotherapy profession. In realizing its vision the college has framed functional committees for various activities. An efficient teaching fraternity works towards academic excellence and fosters research while simultaneously

providing opportunities for co-curricular and extracurricular activities which is an essential need of professional excellence.

The college has rich tradition of visionary and participatory leadership which has driven the institution towards the phenomenal growth and development that it experiences today. Such leadership facilitates in sustaining and reflecting the vision and mission of the college through every activity of the institution. Management is committed to provide quality Physiotherapy education by recruiting well qualified teaching faculty adequate infrastructure, modern teaching aids including e-library.

Clinical learning is taken care by providing adequate supervision both in the laboratories and in the affiliated hospitals. The faculties are encouraged to participate as resource person in knowledge disseminating activities. The transparent admission procedures takes care of students from all socio-economic background and other disadvantaged section of the society, thus confirming our commitment to equity, The college believes in decentralized leadership. Duties of the staff are well defined and communicated through job description. Responsibilities are communicated through circulars, notices and meetings. Records and reports are meticulously maintained which ensure smooth flow of the information.

Staff meetings are conducted every month with the principal, HOD's and other teaching staff. Decisions taken at higher level are communicated and discussed and most of the decisions pertaining to academic matters are taken at these meetings. Various departments of college of Physiotherapy work hand-in-hand and support each other. Periodic meetings are held for developing team work and co-ordination among the various departments.

The effectiveness of implementation of master plan is periodically assessed. The objectives are communicated and deployed to all levels, to ensure individual employee's contribution for the institutional development through various ways such as the organization vision displayed at prominent places, notice boards / circulars to convey the messages. Regular meetings ensure interactive communication among the faculty.

Performance assessment of faculty and staff is done through self-appraisal where the faculty gets an opportunity to assess their strength and weakness. Opportunity for self-introspection is given where by good work is appreciated and rewarded and scope for improvement is realized. Performance appraisal is done by Principal/ HOD. Feedback is given to the staff on the strength and weakness and where necessary actions need to be taken.

The college believes in decentralized leadership. The management, HODs, faculty members and students representatives of various committees contribute to decision making, regarding academic and related work.

The institution follows the decentralized administration to a considerable extent. Principal conducts regular meetings with the academic and non-academic staff. The suggestions and opinions of the staff members are considered. HODs are delegated with the academic and administrative work, co-curricular and extracurricular activities. Various responsibilities of the faculty - master plan, course plan, unit plan, lesson plans, time table are reviewed by the HODs at the end of the month. In addition to the academic responsibility shouldered, full time teaching staff also take up administrative work and functional committees work that cover all aspects of governance of

the college. All these committees meet regularly and the major decisions are taken to remove delays and ensure total transparency in the procurement of items.

Criterion VII: Innovation and best practice

The college is located in peaceful pollution free atmosphere, in order to preserve and promote nature, the college maintains eco - friendly environment, conserve energy through the use of glass windows for the class room and labs to facilitate the maximal utilization of natural light to replace use of artificial lights, for augmenting the ground water level, the college has established adequate rain water harvesting facility, solar energy is utilized in the hostel to conserve the electrical energy, to prevent air pollution the institution has made emission test certificate as mandate for vehicles in the campus with adequate parking facilities. In addition, the students and faculties are encouraged to keep the campus green by planting more trees and to protect the greenery in the campus.

The college has Internal Quality Assurance System, enrichment, quality education, sports and cultural activities, conducive learning environment, feedback mechanism, active community participation. The principal and faculty maintain adequate networking between the parents and the alumni for overall development of the college academically and for effective administration.

SWOC ANALYSIS

The SWOC matrix was defined with certain parameters. The following are the Key findings from the SWOC analysis on Strengths, Weaknesses, Opportunities and Challenges.

Strengths General:

1. The College, which is 21 years old, has secured a good image in the public. It is the most sought private Physiotherapy College in this region, by the students and parents.
2. The college is situated in a spacious 3.09 acres campus, on the State highway between Erode to Coimbatore.
3. Thiru.V. Shanmugan, a renowned educationalist and well known person, is the chairman of our Institution.
4. The institution has got excellent infrastructure for postgraduate and undergraduate programmes.
5. Very good hostel facilities within the campus attracts good number of students.
6. The college has 5 Mbps internet connectivity and a professionally designed website www.nandhaphysio.org.

Academics:

1. More than 95% of students graduate every year, on a consistent basis.
2. Our students consistently secure distinction.
3. Additional topics, beyond syllabus are covered by the teachers.
4. College works for 5 days in a week, in a staggered manner, so that the students and faculty get an extra day for special coaching, research and other professional development activities.
5. The college recognizes and appreciates top academic performers in each class in the University examinations.
6. The college has set up four smart classrooms in each department and is in the process of converting every class room to a smart class room.

Faculty Members:

1. The faculty members are an ideal blend of youth and experience.
2. The faculty retention is excellent. They are given full academic freedom.
3. Responsibilities and authorities are delegated to H.O.D, which have resulted in a transparent management.

Research:

1. College sponsors faculty and students for presenting research papers in national and international conferences.
2. The faculties are encouraged to publish the research in journals.

Accreditation:

UG and 4 PG courses have been given temporary affiliation by The Tamilnadu Dr. M.G.R Medical University.

Student Centric:

1. Corpus fund is used for providing assistance to students for purchasing books and instruments.
2. Personality and professional development of students are given importance in the students' Evaluation processes.
3. Students are good at organizational capabilities.
4. Students are actively counseled by the mentors.
5. Students give feedback on teachers.

6. Hostel facility to accommodate 100 men and 100 women students is available.
7. Excellent placement record - More than 95% of eligible undergraduate students got placed every year in hospitals, fitness center and rehabilitation center.
8. More than 50% of eligible students pursue higher education in India and Overseas.
9. Presence of alumni base - alumni supports the college by way of guiding the students..
10. Parents meet are organized twice in a year to take their feedback and take corrective actions.
11. Twenty-four hour's emergency medical care is available in the College.
12. The college have gymnasium, a indoor sports complex having Basket ball etc.,

Interaction with Hospitals:

1. The college has entered into MoUs with various specialty hospitals, which are being pursued actively.
2. Internship training in and out of Erode district and for clinical posting within Erode district.

Weaknesses:

1. Hospital Institution Interaction needs to be strengthened further.
2. Communication skill of 25% students needs to be improved.
3. Library to be expanded to cater to growing research needs.
4. The College is affiliated to The Tamilnadu Dr. M.G.R Medical University and hence has limitation in upgrading by curriculum.
5. Consultancy and extension activities need improvement.

Opportunities

1. Situated near Perundurai, where hospitals in and around are at easily reachable.
2. Opportunity to serve physiotherapy service to rural population.
3. The students have become more demanding. The students have a large potential, which can be honed.
4. As the faculty members are being paid satisfactorily, faculty retention is better.
5. Student exchange programmes with premier institutions in India and Foreign Universities are possible.

Challenges

1. Changing Social and economical scenario leading to unpredictable future.
2. Unpredictable and declining quality of students may exert pressure on the teachers.

The above lists give a comprehensive list of the SWOC analysis of the college.

B. Profile of the Institution

(To provide information whichever is relevant to the HSI)

1. Name and Address of the Institution:

| | | | |
|-------------|--|-------------------|--|
| Name: | Nandha College of Physiotherapy, | | |
| Address: | Koorapalayamprivu, Pitchandampalayam post, | | |
| City: ERODE | Pin: 638052 | State: TAMIL NADU | |
| Website: | www.nandhaphysio.org | | |

2. For communication:

| Designation | Name | Telephone with STD code | Mobile | Fax | Email |
|--|--------------------------|-------------------------|--------------|--------------|--|
| Principal / Dean / Director | Prof. V. Manivannan | 04294 221405 | R:9750557775 | 04294 224622 | manivannanphysio@gmail.com |
| Vice Principal/ IQAC Co-ordinator | Prof. R.Saravana kumar | 04294 221405 | R:9750444422 | | sarovpt@yahoo.com |
| Steering Committee / NAAC Co-ordinator | Asst.Prof . T.Loganathan | 04294 221405 | R:9843544904 | | logumpt@gmail.com |

3. Status of the Institution:

- Autonomous College
- Constituent College
- Affiliated College** ✓
- State University
- State Private University
- Central University
- University under Section 3 of UGC (A Deemed to be University)
- Institution of National Importance
- Any other (specify)

4. Type of University:

Unitary

| |
|--|
| |
| |

Affiliating

5. Type of College:

Ayurveda

Dentistry

Homoeopathy

Medicine

Nursing

Pharmacy

Physiotherapy

Siddha

Unani

Yoga and Naturopathy

Others (specify and provide details)

| |
|---|
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| |

6. Source of funding:

| | |
|---------------------|-------------------------------------|
| Central Government | <input type="checkbox"/> |
| State Government | <input type="checkbox"/> |
| Grant-in-aid | <input type="checkbox"/> |
| Self-financing | <input type="checkbox"/> |
| Trust | <input checked="" type="checkbox"/> |
| Corporate | <input type="checkbox"/> |
| Any other (specify) | <input type="checkbox"/> |

7. a. Date of establishment of the institution: 04/06/1993

b. In the case of university, prior to the establishment of the university, was it a/an

- | | | |
|-------------------------|------------------------------|-----------------------------|
| i. Autonomous College | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| ii. Constituent College | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| iii. Affiliated College | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| iv. PG Centre | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| v. De novo institution | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| vi. Any other (specify) | | |

c. In the case of college, university to which it is affiliated

The Tamil Nadu Dr. M G R Medical University, Chennai

8. State the vision and the mission of the institution.

Vision:

To emerge as a world class institution of excellence, imparting scientific knowledge that empowers aspiring learners in the field of physiotherapy to be the best practitioners of the world.

Mission:

To emerge as a center of excellence, this meets global standards in creating and cascading knowledge by providing students a unique learning experience through its academic rigor and by following an application oriented teaching practice.

To motivate, guide and generate qualitative researches for widening the frontiers of physiotherapy as science useful for the betterment of our society.

To extend the frontiers of physiotherapy as a branch of medical science by constantly learners to take up research which aims at generating new knowledge for the betterment of humanity.

9. a. Details of UGC recognition:

| Under Section | Date, Month and Year (dd/mm/yyyy) | Remarks (If any) |
|---------------|-----------------------------------|------------------|
| i. 2(f)* | 30/09/2010 | Annexure - I |
| ii. 12B* | | |
| iii. 3* | | |

* Enclose the certificate of recognition, if applicable

b. Details of recognition/approval by statutory/regulatory bodies other than UGC (MCI, DCI, PCI, INC, RCI, AYUSH, AICTE, etc.)

Nil

| Under Section/cla use | Day, Month and Year (dd/mm/yyyy) | Validity | Program/ institution | Remarks |
|-----------------------|----------------------------------|----------|----------------------|---------|
| i. | | | | |
| ii. | | | | |

(Enclose the Certificate of recognition/approval)

10. Has the institution been recognized for its outstanding performance by any national / international agency such as DSIR, DBT, ICMR, UGC-SAP, AYUSH, WHO, UNESCO, etc.?

Yes No

If yes, name of the agency
 date of recognition: (dd/mm/yyyy)
 nature of recognition

11. Does the institution have off-campus centres?

Yes No

If yes, date of establishment : (dd/mm/yyyy)
 date of recognition by relevant statutory body/ies:
 (dd/mm/yyyy)

12. Does the institution have off-shore campuses?

Yes No

If yes, date of establishment: (dd/mm/yyyy)
 Date of recognition by relevant statutory body/ies:
 (dd/mm/yyyy)

13. Location of the campus and area:

| | Location * | Campus area in acres | Built up area in sq. mts. |
|--------------------------------------|---------------|----------------------------|------------------------------|
| i. Main campus area | RURAL | 3.09 (a) | 24,907(sq.ft) |
| ii. Other campuses in the country | Nil | | |
| iii. Campuses abroad | Nil | | |

(* Urban, Semi-Urban, Rural, Tribal, Hilly Area, any other (specify))

14. Number of affiliated / constituent institutions in the university

| Types of institutions | Total | Permanent | Temporary |
|--------------------------------------|----------|-----------|-----------|
| Ayurveda | | | |
| Dentistry | | | |
| Homoeopathy | | | |
| Medicine | | | |
| Nursing | | | |
| Pharmacy | | | |
| Physiotherapy | 1 | | 1 |
| Siddha | | | |
| Unani | | | |
| Yoga and Naturopathy | | | |
| Others (specify and provide details) | | | |

15. Does the University Act provide for conferment of autonomy to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the University.

Yes No Number

16. Furnish the following information:

| Particulars | Number |
|---|----------|
| a. Accredited colleges by any professional body/ies | |
| b. Accredited course / department by any professional body/ies | |
| c. Affiliated colleges | 1 |
| d. Autonomous colleges | |
| e. Colleges with Postgraduate Departments | 1 |
| f. Colleges with Research Departments | |
| g. Constituent colleges | |
| h. University Departments Undergraduate Post graduate Research centres on the campus and on other campuses | |
| i. University recognized Research Institutes/Centres | |

17. Does the institution conform to the specification of Degrees as enlisted by the UGC?

Yes No

If the institution uses any other nomenclatures, specify.

18. Academic programs offered and student enrolment: (Enclose the list of academic programs offered and approval / recognition details issued by the statutory body governing the program)

| Programs | Number of Programs | Number of students enrolled |
|----------------------------------|--------------------|-----------------------------|
| UG | BPT | 50 |
| PG | MPT | 10 |
| DNB | | |
| Integrated Masters | | |
| Integrated Ph.D. | | |
| PharmD. | | |
| M.Phil. | | |
| Ph.D. | | |
| Certificate | | |
| Diploma | | |
| PG Diploma | | |
| D.M. / M.Ch. | | |
| Sub / Super specialty Fellowship | | |
| Any other (specify) | | |
| Total | 2 | 60 |

19. Provide information on the following general facilities (campus-wise):

- | | | | |
|--|---|-----------|-------------|
| • Auditorium/seminar complex with infrastructural facilities | ✓ | Yes | No |
| • Sports facilities | | | |
| * Outdoor | ✓ | Yes | No |
| * Indoor | ✓ | Yes | No |
| • Residential facilities for faculty and non-teaching staff | ✓ | Yes | No |
| • Cafeteria | ✓ | Yes | No |
| • Health centre | | | |
| * First aid facility | ✓ | Yes | No |
| * Outpatient facility | ✓ | Yes | No |
| * Inpatient facility | | Yes | ✓ No |
| * Ambulance facility | ✓ | Yes | No |
| * Emergency care facility | ✓ | Yes | No |
| * Health centre staff | ✓ | Yes | No |
| Qualified Doctor | | Full time | Part-time ✓ |
| Qualified Nurse | | Full time | Part-time ✓ |
| • Facilities like banking, post office, book shops, etc. | ✓ | Yes | No |
| • Transport facilities to cater to the needs of the students and staff | ✓ | Yes | No |
| • Facilities for persons with disabilities | ✓ | Yes | No |
| • Animal house | | Yes | ✓ No |
| • Incinerator for laboratories | | Yes | ✓ No |
| • Power house | ✓ | Yes | No |
| • Fire safety measures | ✓ | Yes | No |
| • Waste management facility, particularly bio-hazardous waste | ✓ | Yes | No |
| • Potable water and water treatment | ✓ | Yes | No |
| • Any other facility (specify). | | | |

20. Working days / teaching days during the past four academic years

| | Working days | Teaching days |
|---|-------------------|---------------|
| Number stipulated by the Regulatory Authority | 240 days Per Year | |
| Number by the Institution | 240 days Per Year | |

(‘Teaching days’ means days on which classes/clinics were held. Examination days are not to be included.)

21. Has the institution been reviewed or audited by any regulatory authority? If so, furnish copy of the report and action taken there upon (last four years).

The Institution was visited by the University twice in the past 4 years on 10th March 2010 and 29th October 2013.

22. Number of positions in the institution

| Positions | Teaching faculty | | | | | | Non-teaching staff | Technical staff |
|--|------------------|----------------------------|---------------------|----------|----------------------------|-----------------|--------------------|-----------------|
| | Professor | Associate Professor/Reader | Assistant Professor | Lecturer | Tutor /Clinical Instructor | Senior Resident | | |
| Sanctioned by the Government Recruited Yet to recruit | | | | | | | | |
| Sanctioned by the Management/Society or other authorized bodies Recruited Yet to recruit | 04 | 06 | 07 | | 08 | | 18 | |
| Stipulated by the regulatory authority Cadre ratio Recruited Yet to recruit | | | | | | | | |
| Number of persons working on contract basis | | | | | | | | |

23. Qualifications of the teaching staff

| Highest Qualification | Professor | | Associate Professor/Reader | | Assistant Professor | | Lecturer | | Tutor /Clinical Instructor | | Senior Resident | |
|--|-----------|---|----------------------------|----|---------------------|----|----------|---|----------------------------|----|-----------------|---|
| | M | F | M | F | M | F | M | F | M | F | M | F |
| Permanent teachers | | | | | | | | | | | | |
| D.M./ M.Ch. | | | | | | | | | | | | |
| Ph.D./D.Sc./D.Litt/M.D./ M.S. | | | | | | | | | | | | |
| PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA) | 03 | | 04 | 02 | 04 | 02 | | | | | | |
| AB/FRCS/FRCP/ MRCP/MRCS/FDSRCS | | | | | | | | | | | | |
| M.Phil. | | | | | | | | | | | | |
| UG | | | | | 01 | | | | 02 | 05 | | |
| Temporary teachers | | | | | | | | | | | | |
| D.M./ M.Ch. | | | | | | | | | | | | |
| Ph.D./D.Sc./D.Litt/M.D./ M.S. | | | | | | | | | | | | |
| PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA) | | | | | | | | | | | | |
| AB/FRCS/FRCP/ MRCP/MRCS/FDSRCS | | | | | | | | | | | | |
| M.Phil. | | | | | | | | | | | | |
| UG | | | | | | | | | | | | |
| Contractual teachers | | | | | | | | | | | | |
| D.M./ M.Ch. | | | | | | | | | | | | |
| Ph.D./D.Sc./D.Litt/M.D./ M.S. | | | | | | | | | | | | |
| PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA) | | | | | | | | | | | | |
| AB/FRCS/FRCP/ MRCP/MRCS/FDSRCS | | | | | | | | | | | | |
| M.Phil. | | | | | | | | | | | | |
| UG | | | | | | | | | | | | |
| Part-time teachers | | | | | | | | | | | | |
| D.M./ M.Ch. | | | | | 3 | | | | | | | |
| Ph.D./D.Sc./D.Litt/M.D./ M.S. | 3 | | | | 3 | 1 | | | | | | |
| PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA) | | | | | 7 | 7 | | | | | | |
| AB/FRCS/FRCP/ MRCP/MRCS/FDSRCS | | | | | | | | | | | | |
| M.Phil. | | | | | | | | | | | | |
| UG | | | | | | | 3 | 2 | | | | |

24. Emeritus, Adjunct and Visiting Professors.

| | Emeritus | | Adjunct | | Visiting | |
|--------|----------|---|---------|---|----------|---|
| | M | F | M | F | M | F |
| Number | | | | | 6 | |

25. Distinguished Chairs instituted:

| Departments | Chairs |
|--|--------|
| Department of Orthopaedics | 01 |
| Department of Neurology | 01 |
| Department of Cardio-respiratory | 01 |
| Department of Sports & Musculoskeletal | 01 |

26. Hostel

* **Boys' hostel**

- i. Number of hostels:1
- ii. Number of inmates:7
- iii. Facilities: Emergency vehicle 24 hours, study hour, 24 hours net, Gymnasium, Dining hall, Mess, Medical room, TV, Newspapers, Visitors Hall.

* **Girls' hostel**

- i. Number of hostels:1
- ii. Number of inmates:23
- iii. Facilities: Emergency vehicle 24 hours, study hour,24 hours net, Gymnasium, Dining hall, Mess, Medical Room, TV, Newspapers, Visitors Hall.

* **Overseas students hostel**

- i. Number of hostels:1
- ii. Number of inmates: Nil
- iii. Facilities: Emergency vehicle 24 hours, study hour,24 hours net, Gymnasium, Dining Hall, Mess, Medical Room, TV, Newspapers, Visitors Hall.

* **Hostel for interns**

- i. Number of hostels:1
- ii. Number of inmates: Nil
- iii. Facilities : Emergency vehicle 24 hours, study hour,24 hours net, Gymnasium, Dining hall, Mess, Medical room, TV, Newspapers, Visitors Hall.

* **PG Hostel**

- i. Number of hostels:1
- ii. Number of inmates:2
- iii. Facilities : Emergency vehicle 24 hours, study hour,24 hours net, Gymnasium, Dining hall, Mess, Medical room, TV, Newspapers, Visitors Hall.

27. Students enrolled in the institution during the current academic year, with the following details:

| Students | UG | | PG | | | Integrate d Masters | M.Phil | Ph.D. | Integrate d Ph.D. | |
|---|----|----|----|----|-----|------------------------|--------|-------|----------------------|----|
| | | | PG | DM | MCH | | | | | |
| | *M | *F | *M | *F | *M | | | | | *F |
| From the state where the institution is located | 18 | 31 | 3 | 3 | | | | | | |
| From other states | 1 | | 2 | 1 | | | | | | |
| NRI students | | | | | | | | | | |
| Foreign students | | | | | | | | | | |
| Total | | | | | | | | | | |

*M-Male *F-Female

28. Health Professional Education Unit / Cell / Department

- Year of establishment :2000
- Number of continuing education programs conducted (with duration)
 - * Induction – 2 hours per year
 - * Orientation – 2 hours in a year
 - * Refresher – 3 hours twice in a year
 - * Post Graduate - 6 hours twice in a year

29. Does the university offer Distance Education Programs (DEP)?

Yes No

If yes, indicate the number of programs offered.

Are they recognized by the Distance Education Council?

30. Is the institution applying for Accreditation or Re-Assessment?

Accreditation Re-Assessment

Cycle 1 Cycle 2 Cycle 3 Cycle 4

31. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4)

N/A

32. Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the university.

| Sl. No | Name of the college | Govt/private |
|--------|---|--------------|
| 1. | Government institute of rehabilitation medicine. Chennai. | Government |
| 2. | Government College Of Physiotherapy, Thrichy | Government |
| 3. | College of physiotherapy, Sri Ramakrishna Institute Of Paramedical Sciences, Coimbatore | Private |
| 4. | College Of Physiotherapy, Christian Medical College, Vellore | Private |
| 5. | R.V.S. college of physiotherapy, Coimbatore | Private |
| 6. | College Of Physiotherapy ,Trinity Mission And Medical Foundation, Madurai | Private |
| 7. | Padmavathi College Of Physiotherapy, Dharmapuri | Private |

| | | |
|-----|---|---------|
| 8. | Nandha College Of Physiotherapy, Erode | Private |
| 9. | College of physiotherapy, J.K.K. Munirajah Medical Research Foundation, Erode | Private |
| 10. | KMCH College Of Physiotherapy, Coimbatore | Private |
| 11. | Adhiparasakthi College Of Physiotherapy, Kancheepuram Dist | Private |
| 12. | Thanthai Roever College Of Physiotherapy, Thrichy | Private |
| 13. | Cherrann's College Of Physiotherapy, Coimbatore | Private |
| 14. | K.G. College of Physiotherapy, Coimbatore | Private |
| 15. | Devendrar College Of Physiotherapy, Tirunelveli | Private |
| 16. | P.P.G.College Of Physiotherapy, Coimbatore | Private |
| 17. | Madha College Of Physiotherapy, Chennai | Private |
| 18. | U.C.A. College Of Paramedical Sciences, Chennai | Private |
| 19. | Mannai Narayanaswamy Para Medical College , Thanjavur | Private |
| 20. | P.S.G College Of Paramedical Sciences, Coimbatore | Private |
| 21. | Kalamam Viswanathan College Of Physiotherapy ,Thrichy | Private |
| 22. | Christian College Of Physiotherapy, Kanyakumari Dist | Private |
| 23. | White Memorial College Of Physiotherapy, Kanyakumari Dist. | Private |
| 24. | Jaya College Of Para Medical Sciences, Thiruvallur | Private |
| 25. | Mohammed Sathak AJ College Of Physiotherapy, Chennai | Private |
| 26. | Santosh College Of Physiotherapy, Madurai | Private |

33. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).

IQAC : 24/01/2014

AQAR : Not yet

34. Any other relevant data, the institution would like to include (not exceeding one page).

CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Planning, Design and Development

1.1.1 Does the institution have clearly stated goals and objectives for its educational program?

Vision:

To emerge as a world class institution of excellence, imparting scientific knowledge that empowers aspiring learners in the field of physiotherapy to be the best practitioners of the world.

Mission:

To emerge as a center of excellence, this meets global standards in creating and cascading knowledge by providing students a unique learning experience through its academic rigor and by following an application oriented teaching practice.

To motivate, guide and generate qualitative researches for widening the frontiers of physiotherapy as science useful for the betterment of our society.

To extend the frontiers of physiotherapy as a branch of medical science by constantly learners to take up research which aims at generating new knowledge for the betterment of humanity.

BPT: (Bachelor of Physiotherapy)

AIM:

An under graduate course in physiotherapy is to impart an in-depth knowledge and skill to a student to become competent in the techniques and develop the proper attitude required for the practice of Physiotherapy and carry out treatment prescribed by the Physician.

Objectives:

- To prepare compassionate, competent, and ethical entry-level physiotherapists, with the skills and techniques necessary for the physical diagnosis, prevention and management of various conditions based on current evidence of physiotherapy practice.
- Develops skills and physiotherapy techniques such as therapeutic massage and manual therapy, exercise, electrotherapy, specialized techniques in the field of various specialties relevant to physiotherapy practice.
- To plan and implement appropriate physiotherapeutic intervention for all clinical conditions related to physiotherapy in acute and chronic phases, critical care, institutional care and independent practice.
- Ability to crucially appraise published literature, interpret data and to broaden his/her knowledge by keeping abreast with modern developments in the respective physiotherapy and thereby enhancing research ability.
- Development of proper attitude or compassion and concern for the individual and welfare of the physically handicapped in the institution and community levels.
- To develop skills as a self-directed learner, recognize continuous education, select and use appropriate learning resources.
- Ability to inculcate appropriate professional relationship in multidisciplinary set up, patient management and co-partnership basis.

MPT: (Master of Physiotherapy)

AIM:

The Master of Physiotherapy Program is directed towards rendering training in the respective Physiotherapy Specialty so as to enhance individual competence in order to fulfill requirement and to meet the global standards of Physiotherapy education and practice.

Objectives:

- To gain knowledge of the human body related Basic Medical and Physiotherapeutic sciences relevant to the concerned specialties.
- To gain knowledge of movement dysfunction of human body and evidence based Physiotherapeutic management for movement dysfunction
- To develop skills in Physiotherapy assessment pertaining to their specialty by relevant current physiotherapeutic concepts.
- To plan and implement appropriate Physiotherapeutic intervention for all clinical conditions related to respective specialty in acute and chronic phases, critical care, indoor and outdoor institutional care and independent practice.

1.1.2. How are the institutional goals and objectives reflected in the academic programs of the institution?

The objectives stated in the mission are developed from inside-out approach and are well communicated to all the stakeholders through deliberations and appropriate display of the same across the institution and community. The major considerations in objectives addressed by the institution are Learner centered Physiotherapy healthcare education, Community oriented research, Strong community relationship, Community oriented extension services, Referral service centre, Serve the underserved, Professionalism in education, service and management, Meet regional and national needs, Strategic future oriented planning, Inter organizational linkage and Unique organizational culture. ‘

Meetings of the Principal with HOD, staff members and Librarian of the department are conducted often. Meetings are conducted for:

- A) Preparing year wise timetable.
- B) Allocation of subjects.
- C) Preparation of year plan.
- D) Clinical postings.
- E) Up gradation and subscription of journals and books.

For deployment and implementation of the curriculum, following steps are taken

- Internal assessment reports are submitted to the Principal.
- Unit tests are conducted to improve their curriculum.
- CME and workshops are arranged for specific topics.
- Every year there is a preparation of academic calendar according to the University norms, which consists of working days, holidays and schedule of internal exams (tentative).
- Faculty are preparing effective lesson plans including various methodologies like presentations, seminars, discussions, class tests, clinical posting, camp visit etc to make teaching - learning process a successful one. Interactive sessions are also being conducted.

1.1.3 Does the institution follow a systematic process in the design, development and revision of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).

The initiatives of the institution for curriculum development process involves curriculum need assessment through feedback from the stakeholders, students, academic peers, alumni, parents and community. Different stakeholders give feed backs on courses, programs, competencies gained by alumni, teaching and evaluation through the set of formats designed by the institution are analysed, areas for redesign are identified and placed before the curricular committee of the institution and necessary enrichment courses are designed. The deficiencies are communicated to board of studies and appropriate authorities of the affiliating university for redesign. We have staff teaching assessment form and also feedback forms which are filled by the principal and students respectively.

1.1.4 How does the curriculum design and development meet the following requirements?

- * **Community needs** → Health Care Camps, Out Patient service, Youth Red Cross, ECO club and Women's club
- * **Professional skills and Competencies** → Clinical Training, Inter College CPE, Paper and Poster Presentation and Journal presentation
- Research in thrust / emerging areas** → Orthopaedics, Neurology, Cardio Respiratory and Sports medicine
- * **Innovation** → Innovation day, every year students are encouraged by awards for innovating the things that are needed for patients.
- * **Employability** → Placement Training, Coaching for IELTS, TOEFL

1.1.5 To what extent does the institution use the guidelines of the regulatory bodies for developing and/or restructuring the curricula? Has the institution been instrumental in leading any curricular reform which has created a national impact?

Curriculum revision is made on the basis of feedback given by our institution. As our College is affiliated to The Tamilnadu Dr. M.G.R. Medical University, the curriculum is designed by University members of board of studies. The feedback will be collected from students, staffs, hospitals and the suggestions based on the feedback are given to the board of studies for structuring the curriculum.

1.1.6 Does the institution interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the institution benefitted through interactions with the stakeholders?

Yes, the institution interacts with hospitals and a few changes are made in the curriculum revision process. In the year 2010 the subject Physics was introduced in the first year curriculum. And in the year 2013 the subject Exercise therapy was subdivided as Exercise therapy I & Exercise therapy II in the second year curriculum by the university.

1.1.7 How are the global trends in health science education reflected in the curriculum?

By the updates of recent researches and participating in National and International seminars, the latest trends in physiotherapy can be practiced.

1.1.8 Give details of how the institution facilitates the introduction of new programs of studies in its affiliated colleges.

The institution does not provide any new programs other than BPT and MPT

1.1.9 Does the institution provide additional skill-oriented programs relevant to regional needs?

Yes, the institution orients the students about regional language, personality development since it helps during health awareness camps and community based rehabilitation for interacting with public.

1.1.10 Explain the initiatives of the institution in the following areas:

* **Behavioral and Social Science.**

Counsels grossly deviated behaviors of learner referred by proctor scheme.

* **Medical Ethics / Bio Ethics / Nursing Ethics.**

Professional ethics lectures are engaged by discipline committee.

* **Orientation to research.**

Provided as enrichment in UG and in PG programs to students.

* **Rehabilitation.**

Included in curriculum and practiced in outpatient department.

* **Ancient scriptural practices.**

Yoga sessions are conducted periodically.

* **Health Economics.**

Free physiotherapy treatment in outpatient department.

* **Medico legal issues.**

Enhancement of quality of services and patient satisfaction.

1.1.11 How does the institution ensure that evidence based medicine and clinical practice guidelines are adopted to guide patient care wherever possible?

By updating ourselves through recent studies of journals which provide evidence based practice.

1.1.12 What are the newly introduced value added programs and how are they related to the internship programs?

Programs offer career training such as

- ICU training
- Computer teaching which is incorporated in the form of power point presentations. It is also made use in diagnostic

- EMG
- NCV
- Pulmonary function testing.
- Computers are used in teaching statistical analysis and interpretation of results.
- Personality development courses,
- Development of entrepreneurial skills which is dealt throughout the program, internship in particular.
- Value added programs are conducted in FITNESS ONE and SYNERGY institute.

1.1.13 How does the institution contribute to the development of integrated learning methods and Integrated Health Care Management?

- * **Vertical and horizontal integration of subjects taught.** → Clinical subjects (orthopaedics neurology, cardio respiratory, sports medicine) Subject is achieved through learning methods like demonstration, and simulation which are followed for horizontal integration of subjects taught to the students
- * **Integration of subjects taught with their clinical application.** → Clinically learning about diseases knowing its features & hence learning how to manage them by Physiotherapy.
- * **Integration of different systems of health care in the teaching hospital** → Integration of other health care management system is brought out by taking the students for a field visit to the hospitals.

1.1.14 How is compatibility of programs with goals and objectives achieved with particular reference to priority of interface between Public Health, Medical Practice and Medical Education?

Following the ethical principles by Physiotherapy Management and Rehabilitation it interfaces between public health, medical practice and medical education

Public Health

- Awareness rally
- Health education
- Youth red cross programme
- Blood donation camp
- medical practice

Medical Education

- case presentation
- journal presentation
- CPE
- Faculty Development programme

Medical practice

- Clinical training
- Internship training

1.2 ACADEMIC FLEXIBILITY

1.2.1 Furnish the inventory for the following:

- * **Programs offered on campus**
 - BPT (Bachelor of Physiotherapy)
 - MPT (Master of Physiotherapy) 4 specialty

| Sl.No | Programme level | Name of the programme / course | Duration | Entry qualification | Medium of instruction |
|-------|-----------------|--------------------------------|----------------------|----------------------|-----------------------|
| 1 | Post graduate | M.P.T | 2 years | B.P.T | English |
| 2 | Under graduate | B.P.T | 4 years and 6 months | 12 th std | English |

Programs available for students to choose from:

M.P.T four specialties:

| Department | Sanctioned Student Strength |
|-------------------------------------|-----------------------------|
| Physiotherapy in Orthopaedics | 04 |
| Physiotherapy in Neurology | 02 |
| Physiotherapy in Cardio Respiratory | 02 |
| Sports Physiotherapy | 02 |

1.2.2 Give details on the following provisions with reference to academic flexibility

- a. **Core options** → In UG as prescribed by regulatory body
- b. **Elective options** → In PG (MPT) Orthopedics, Neurology, Cardio Respiratory & Sports Medicine.
- c. **Bridge course** → English, First Aid, Physiotherapy Orientation, Computer Class, Human Rights and Environment Science.
- d. **Enrichment courses** → Behavioral Science, Biostatistics and Research Methodology
- e. **Credit accumulation and transfer facility** → No
- f. **Courses offered in modular form** → No

- g. Lateral and vertical mobility within and across programs, courses and disciplines and between higher education institutions → No**
- h. Twinning programs → No**
- i. Dual degree programs → No**

1.2.3 Does the institution have an explicit policy and strategy for attracting students from

- * other states, international students → Yes, through websites and education stalls, students can contact the Principal and the Administrative Officer and can get the details.**
- * Socially and financially backward sections, → Yes, Scholarship applicable for SC & ST Students, Scholarship for First Graduate in the family, Students are assisted to get the scholarship from the government and the charitable institution.**

1.2.4 Does the institution offer self-financing programs? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programs?

Yes. Institution is offering self – financing programme, under the guidance of the affiliating university, The Tamil Nadu Dr. M.G.R. Medical University, Chennai.

1. Bachelor of Physiotherapy
2. Master of Physiotherapy

All the programs offered are self funded programs,

Admission & Free Structure

As per the Tamil Nadu Government norms

Teacher Qualification and Salary

Recruitment of faculty as per The Tamil Nadu Dr. M.G.R. Medical University, Chennai and salary as per the institution norms.

1.2.5 Has the institution adopted the Choice Based Credit System (CBCS) / credit based system? If yes, for how many programs? What efforts have been made by the institution to encourage the introduction of CBCS in its affiliated colleges?

No we don't have Choice Based Credit System

1.2.6 What percentage of programmes offered by the institution follows?

- * Annual system → 100 %**

1.2.7 How does the institution promote multi/inter-disciplinary programs? Name a few programs and comment on their outcome.

- First Aid emergency medical care programs certificate the students as qualified first aid practices.
- Yoga sessions are conducted twice in a periodically.

1.2.8 What programs are offered for practicing health professionals for skills training and career advancement?

| S. No. | Skill oriented Programme | Duration | Number of beneficiaries |
|---------------|-------------------------------------|-----------------|--------------------------------|
| 1 | Soft Skill Development Programme | 15 hours | 117 |
| 2 | Placement Training for all students | 2 days | Final Year |
| 3 | Enhancing Employability Skills | 5 hours | Final Year |
| 4 | Orientation Program on Soft Skills | 1 day | Final year |

1.3 CURRICULUM ENRICHMENT

1.3.1 How often is the curriculum of the institution reviewed and upgraded for making it socially relevant and/or skill oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

Based on the needs of the community, the University will take curriculum revision, and the institution offers clinical training and health awareness camp for emerging needs of students.

1.3.2 During the last four years, how many new programs were introduced at the UG and PG levels? Give details.

No programmes were introduced during last four years.

1.3.3 What are the strategies adopted for the revision of the existing programs? What percentage of courses underwent a syllabus revision?

This affiliating university will modify the syllabus according to the current developments in the society and syllabus revision for the past 4 years is BPT - 10% and MPT - 75%.

1.3.4 What are the value-added courses offered by the institution and how does the institution ensure that all students have access to them?

- Enrichment Courses in Behavioral Science, career training, community orientation.
- Value added programs were / are being conducted in FITNESS ONE and SYNERGY institute.

1.3.5 Has the institution introduced skills development programs in consonance with the national health programs?

Yes, the institution encourages the students to participate in implementing National Rural Health Mission and National Health & Family welfare Programmes. It also conducts Rally and Health Awareness Camps on National health days such as world physiotherapy day, AIDS awareness day, etc.

1.3.6 How does the institution incorporate the aspects of overall personality development addressing physical, mental, emotional and spiritual well being of the student?

- * Personality development training,
- * Behavioral classes & Yoga
- * Proctor scheme,
- * Gym & Sports activities
- * Seminars & Workshop
- * Counseling
- * Annual health checkup for all the students.

These activities address the physical, mental, emotional and spiritual well being and develop the leadership quality.

1.3.7 Does the curriculum provide for adequate emphasis on patient safety, confidentiality, rights and education?

Yes student are informed to follow code of ethics of Physiotherapy and follow the statutes of affiliated university that addresses on patient safety, confidentiality and rights.

1.3.8 Does the curriculum cover additional value systems?

No, the curriculum does not cover additional value systems

1.4 FEEDBACK SYSTEM

1.4.1 Does the institution have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

Yes, every 6 months once feedback forms will be collected over each staff upon the subjects taken and are considered by Principal and also feedbacks are received regarding the curriculum from the students.

1.4.2 Does the institution elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods such as conducting webinars, workshops, online discussions, etc. and their impact.

Yes, the Institution has the feedback on the curriculum from National and International faculty through workshops and enrichment courses are conducted.

1.4.3 Specify the mechanism through which affiliated institutions give feedback on curriculum and the extent to which it is made use of.

The significant role of social needs is discussed by the teacher and the parents and Academic Monitoring Committee of our institution takes a decision and conveys it to the Board of The Tamil Nadu Dr. MGR Medical University. However, our Academic Monitoring Committee provides a guideline to Board of Studies in designing the curriculum.

1.4.4 Based on feedback, what are the quality sustenance and quality enhancement measures undertaken by the institution in ensuring the effective development of the curricula?

The essential and needful courses, seminars on valued topics, workshops on specific techniques are undertaken by the institution.

1.4.5 What mechanisms are adopted by the management of the institution to obtain adequate information and feedback from faculty, students, patients, parents, industry, hospitals, general public, employers, alumni and interns, etc. and review the activities of the institution?

- In meeting, faculty suggestions are considered and reviews about all the activities are analyzed in next review meeting.
- Suggestion box & representative meeting conducted and Intern's suggestion obtains as feedbacks through structured questionnaire designed by the college. Student's feedbacks on courses, teacher performance, infrastructure and library forms are collected and analyzed to identify areas for improvement and actions initiated.
- Patient's feedback form regarding the Physiotherapy service.
- Parents meeting & feedback forms.
- Alumni feedback for competencies gained are collected and analyzed.

Any other information regarding curricular aspects which the institution would like to include.

CRITERION II: TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 How does the institution ensure publicity and transparency in the admission process?

- Nandha College of physiotherapy conveys information regarding the admission through its newspapers, website and Stalls in educational fair.
- College also ensures publicity through advertisement in regional / national newspapers that put in educational fairs inside and outside Tamil Nadu.
- Students can also apply for physiotherapy course of their choice based on their qualification.
- The application forms are issued at a nominal cost from the date of the publication of the results of the qualifying examination till the last date of admission and also ensures through the TV channels, flex, banners, stick bills etc.

2.1.2 Explain in detail the process of admission put in place by the institution. List the criteria for admission?

The whole admission process is conducted as per the university norms.

Criteria for admission

- i) Merit
- ii) Merit with entrance test
- iii) Merit, entrance test, aptitude and interview
- iv) Common entrance test conducted by state agencies and National agencies.
- v) Sports Quota.

For B.P.T. DEGREE, 65% of merit seats will be filled by the SELECTION COMMITTEE, TAMILNADU through the Para-medical counseling method. Remaining 35% seats will be filled by the management through the entrance test & direct interview.

For M.P.T DEGREE, 50% of merit seats will be filled by the SELECTION COMMITTEE, TAMILNADU through the Para-medical counseling method. Remaining 50% seats will be filled by the management through the direct interview.

2.1.3 Provide details of admission process in the affiliated colleges and the university's role in monitoring the same.

Yes, the college is affiliated to The Tamilnadu Dr. M.G.R Medical University, Chennai. The admission process is done as per the University norms.

2.1.4 Does the institution have a mechanism to review its admission process and student profile annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

Yes, to review the admission process an admission committee is formed every year and the admission committee strictly follows the rules laid down by both the University and the Government of Tamil Nadu to ensure transparency in the admission procedure. Duly filled in application forms are sorted, indexed on the basis of norms supplied by the Tamilnadu Dr. M.G.R Medical University, Chennai. The admission committee for Under Graduate programme scrutinizes the applications and finalizes the admissions.

And to review the student profiles, for each class, the profile is prepared in two ways, one is Hand written Note for each classes and another as softcopy in college automation record. Student profiles include all the details such as parents name, home address, extra – curricular activities, prizes obtained, semester marks statement and others.

2.1.5 What are the strategies adopted to increase / improve access for students belonging to the following categories:

- * **SC/ST**
- * **OBC**
- * **Economically weaker sections**
- * **Outstanding achievers in sports and other extracurricular activities**

Scholarship applicable for SC & ST Students. The seat matrix is 65 % Govt. quota and 35 % management quota, Scholarship for First Graduate in the family, Students are assisted to get the scholarships from the government and the charitable institution.

2.1.6 Number of students admitted in the institution in the last four academic years:

| Categories | Year 1 | | Year 2 | | Year 3 | | Year 4 | |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Male | Female | Male | Female | Male | Female | Male | Female |
| SC | 3 | 0 | 1 | 1 | 0 | 4 | 6 | 3 |
| ST | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| OBC | 5 | 6 | 7 | 4 | 5 | 8 | 13 | 31 |
| General | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| Others | 2 | 2 | 4 | 0 | 2 | 6 | 0 | 2 |
| Total | 11 | 10 | 13 | 5 | 7 | 18 | 19 | 36 |

2.1.7 Has the university conducted any analysis of demand ratio for the various programs of the university departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease.

Yes, the university has conducted analysis of demand ratio for the various programs of the university departments and affiliated colleges.

1. From semester pattern to Year pattern.
2. Percentage of marks reduced to join the B.P.T course
3. Increased awareness about the program in the regional area.

2.1.8 Were any programs discontinued/staggered by the institution in the last four years? If yes, specify the reasons.

No.

2.2. CATERING TO STUDENT DIVERSITY

2.2.1 Does the institution organize orientation / induction program for fresher's? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.

| | | | |
|---------|--------------|--|--|
| 2014-15 | July 2 | R.Senthil Kumar | Image Fitness centre (M.D) Coimbatore. |
| 2013-14 | June 21 | S.Senthil Kumar | Bharath physio Care centre. Salem |
| 2012-13 | June 13 | K.Arumuga samy | SivaShakthi Hi Tech Physiotherapy Hospital.Bhavani |
| 2011-12 | September 19 | Chairman Mr.V.Shanmugam | Nandha Educational Institution |
| 2010-11 | August 30 | Secretary Mr.S.Nandha Kumar pradeep | Nandha Educational Institution |
| 2009-10 | September 21 | Secretary Mr.S.Nandha Kumar pradeep | Nandha Educational Institution |

Minimum eligibility qualifications for taking admissions for different programs are well defined by regulatory requirement. The students with prerequisite qualification only enter the program after meeting the admission requirement. They hardly have any knowledge gap to pursue the program they intend to. However, few orientation classes in English are held for the students coming from non English medium, first aid, Physiotherapy orientation, computer class, human rights and environment science.

2.2.2 Does the institution have a mechanism through which the “differential requirements of the student population” are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

Students from various states who have Language issues are taught the regional language. The Hostel students are asked about the various needs in case of depressed students counseling is given.

2.2.3 How does the institution identify and respond to the learning needs of advanced and slow learners?

The students are from different category, based on admission, any differences among students in learning is identified by mid-diagnostic survey by each teacher. Through mid-diagnostic survey the slow and advanced learners are identified. Remedial drill is initiated by the concerned teacher in the form special classes, repetition of postings, home assignments and counseling. Advanced learners are given challenging tasks as enrichment courses. The outcome impact on underperformers is evaluated for continuous improvement.

2.2.4 Does the institution offer bridge / remedial / add-on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

Yes, Basic Computer, Spoken English, Communication skills, Soft Skills, Personality development classes, Yoga, and First aid programmes were conducted as bridge courses. After the commencement of Classes the concerned tutors will have inter active sessions with students to identify their knowledge and skills as well as their draw backs in academic and extracurricular activities and will give attention and guidance to improve them.

2.2.5 Has the institution conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, differently-abled, etc.? If yes, what are the main findings?

Nil

2.2.6 Is there a provision to teach the local language to students from other states/countries?

Yes, every weekend local language classes are conducted and the students are spited along with Tamil Students in class hours and practical hours.

2.2.7 What are the institution's efforts to teach the students moral and ethical values and their citizenship roles?

- Professional ethics lectures are engaged by research and ethical committee
- Rules and regulations lectures by discipline committee
- Yoga sessions conducted periodically
- Social activities through YRC, Eco club

2.2.8 Describe details of orientation/ foundation courses which sensitize students to national integration, Constitution of India, art and culture, empathy, women's empowerment, etc.

- Basic computer
- Yoga
- Environmental science
- Human rights
- English communication skill

2.2.9 Has the institution incorporated the principles of Life Style Modifications for students based on Eastern approaches in their day to day activities?

Yes, separate in-charges for the particular students, Counseling, Food style modification, Cooking permission in Hostel, separate Mess halls. Etc.

2.2.10 Has Yoga/Meditation/any other such techniques been practiced by students regularly as self-discipline?

Yes, Yoga sessions are conducted periodically for relaxing and self – discipline.

2.2.11 How does the institution attend to the diverse health issues (physical and mental) of students and staff?

- * Personality development training
- * Behavioral classes
- * Procter scheme
- * Yoga
- * Gym & sports activities

- * Seminars
- * Counseling
- * Workshops
- * Annual health checkup is arranged for all the students.

These address the physical and mental well being

2.2.12 Does the institution cater to the needs of groups / individuals requiring special attention by conducting group classes / special individual trainings / focused group discussion / additional training measures etc.?

- Weekly once Group discussion,
- CPE programmes,
- Seminars,
- Quiz Programmes
- Extra attention, special coaching for weak students
- Slip test
- Special revision classes and model exams

2.3 TEACHING-LEARNING PROCESS

2.3.1 How does the institution plan and organize the teaching-learning and evaluation schedules such as

- * **Academic Calendar**
- * **Master Plan**
- * **Teaching Plan**
- * **Rotation Plan**
- * **Course Plan**
- * **Outpatient Teaching**
- * **In-Patient Teaching**
- * *Clinical Teaching in other sites*
- * Academic Monitoring committee monitors the effective conduct of the teaching - learning processes.
- * Academic Monitoring committee monitors the effective planning and implementation of exam schedules.
- * Academic calendar of the university complied calendar of events for the year of the college and calendar of events for the year for department.
- * College time table is prepared by the Academic Monitoring Committee.
- * Department time table for the year is prepared by each department.
- * Teacher and topic time table for the year in each department maintained.
- * Lesson plans are prepared by each Staff Members.
- * Books and journals are added in library and updated.
- * Infrastructure needed is reassessed and actions are initiated.
- * Monthly department performance review is conducted, preventive and corrective actions initiated for continuous improvement.
- * The college has prepared documented guide lines for preparing academic calendar for the college and preparation of lesson plans.
- * The college has an outpatient department where the patients are diagnosed by the students under the guidance of the staff.

- * The college sends the students to various hospitals such as Sudha Multispecialty, PMCH, L.K.M Hospital, Sabari, for clinical training.

2.3.2 Does the institution provides course objectives, outlines and schedules at the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

Yes, we have an Academic log register, Academic year plan and Calendar which help us to maintain the course objectives.

2.3.3. Does the institution face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.

No.

2.3.4. How is learning made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

Professional personality development lectures are conducted for life skills. Knowledge management and individual learning are dealt through self directed learning facilities provided at the institution. Lifelong learning is provided in continuing Physiotherapy education.

2.3.5. What is the institution's policy on inviting experts / people of eminence to augment teaching-learning activities?

The staff meets with the concerned personal and enquires about their convenient time. The staff then approaches the management and discuss about the Programme arrangements and then the programme is conducted.

2.3.6 Does the institution formally encourage learning by using e-learning resources?

The university has provided ordinances for specific programs. These ordinances don't exercise any restrictions for the colleges to exceed in providing the learning experiences. College by creatively implementing the curriculum specified for the program, ensures the effective learning experiences to students. The ICT integration of teaching learning process like computers, audio-visuals multi-media, ICT, CAL ,power point, video CD, Video conferencing , Internet and other information /materials are liberally put to use for enriching the learning experiences.

2.3.7 What are the technologies and facilities such as virtual laboratories, e-learning and open educational resources used by the faculty for effective teaching?

The staff are attended State level conferences, workshops and seminars. They then impart the gained knowledge to the students.

2.3.8 Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the institution's educational processes?

Yes. We have a community monitoring group, it monitors the trends and issues of the community and it's Integrates in with educational processes.

2.3.9 What steps has the institution taken to transition from traditional classrooms into an e-learning environment?

Our college has chalk and talk to Net Lab, Wi-Fi facility, Smart class rooms and Computer hours are arranged for all the students.

2.3.10 Is there provision for the services of counselors / mentors/ advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefitted.

Mentorship is practiced in all the departments by which students academic and personal performance is monitored on continuous basis and appropriate counseling is given by the concerned mentor.

We have a mentor system where 9 students are allotted on a random basis to a staff. Counseling is given to each student .Mentor scheme known as Proctor scheme.

2.3.11 Were any innovative teaching approaches/methods/practices adopted and implemented by the faculty during the last four years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

The faculties are using Power point presentations, e-journals to improve learning.

2.3.12 how does the institution create a culture of instilling and nurturing creativity and scientific temper among the learners?

- Problem based learning
- Evidence based learning
- Projects models
- Quiz competition
- Computer –assisted learning
- Innovation day
- Participating in other social activities at state level
- Journal presentation
- Cultural Competition

2.3.13. Does the institution consider student projects mandatory in the learning program? If yes, for how many programs have they been (percentage of total) made mandatory?

** Number of projects executed within the institution*

B.P.T

2009 – 2010 → 11 Candidates

2010 – 2011 → 11 Candidates

2011 – 2012 → 08 Candidates

2012 – 2013 → 15 Candidates

M.P.T

2009 – 2010 → 10 Candidates

2010 – 2011 → 09 Candidates

2011 – 2012 → 10 Candidates

2012 – 2013 → 10 Candidates

*** names of external institutions for student project work → Nil**

*** role of faculty in facilitating such projects → Guidance**

2.3.14 Does the institution have a well qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?

Yes. The institution recruits new staff in case of shortage.

2.3.15 How are the faculty enabled to prepare computer-aided teaching / learning materials? What are the facilities available in the institution for such efforts?

The institution provides LCD, LED, Projector, Laptop, Speakers, internet lab, CDs, and e-journals for the students.

2.3.16 Does the institution have a mechanism for the evaluation of teachers by the students / alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?

Yes. The institution has a mechanism for the evaluation of teachers by the students for improving teaching skills.

2.3.17 does the institution use telemedicine facilities for teaching-learning processes? If yes, cite a few instances

The institution has maintained competitive edge in ICT enabled services in all its constituent processes. All the faculties, non teaching staff are well trained in working knowledge of computers by committee for ICT services. State of the art ICT facilities are provided. These are efficiently and effectively utilized for furthering the organizational performance. Institution provided video conferencing facilities.

2.3.18 Does the institution utilize any of the following innovations in its teaching-learning processes?

- * **ICT enabled flexible teaching system.**
- * **Reflective learning.**
- * **Simulations.**
- * **Evidence based medicine.**
- * **Emphasis on development of required skills, adequate knowledge and appropriate attitude to practice medicine.**
- * **Problem based learning (PBL).**
- * **Student assisted teaching (SAT).**
- * **Self directed learning and skills development (SDL).**
- * **Narrative based medicine.**
- * **Medical humanities.**
- * **Drug and poison information assistance centre.**
- * **Ayurveda practices.**
- * **Yoga practices.**
- * **Yoga therapy techniques.**
- * **Naturopathy and its practices.**
- * **Any other.**

a. Learner centered teaching methods.

Learner centered teaching methods are didactic lectures, chair set teaching, observing, observing assisting and independently performing the skill

b. ICT enabled flexible teaching system.

ICT enabled flexible teaching system are computer aided learning packages (CAL) educational CD ROMs .Lectures by power point using broad band and internet for teaching and self learning.

c. Self directed active learning system.

Self directed active learning system is provided by library services CD ROMs, broad band internet, question banks in all subjects and lecture power points. Self-directed active learning system is provided by library services CD ROMs, broad band internet, question banks in all subjects and lecture power points The College has good number of CAL to facilitate ICT enabled flexible teaching system viz

d. Emphasis on development of required skills, adequate knowledge and appropriate attitude to practice medicine

The mission, the curriculum, incorporates excellence in knowledge skills and services. The core competencies practiced are development of skills of relevance, knowledge at par with the global standards. All the departments have documented the competencies, knowledge and attitude required for practice of Physiotherapy. The college collects feedback from alumni on competencies gained. Samples are collected in questionnaire developed by the college, analysed, critical areas for improvement identified, deliberated and actions implemented for continuous improvement. The faculties are deputed for development of required skills.

2.3.19 Does the institution have an Electronic Medical Records facility, staffed by trained and qualified personnel? Is it used for teaching-learning process?

The college has records section staffed by trained and qualified personal. Upon completion of the treatment procedures they are finally assessed & are made to fill up a feedback form.

2.3.20 Does the institution have well documented procedures for case sheet writing, obtaining informed consent and the discharge process of the patients?

Yes. We have case Performa for out patients. And these patients are informed about the treatment being given to them by an informed consent form.

2.3.21 Does the institution produce videos of clinical cases and uses them for teaching-learning processes?

Yes. We are using photos and videos for teaching – learning processes.

2.3.22 Does the institution perform medico legal/post-mortem procedures with a view to train the undergraduate and post-graduate students in medico legal procedures?

No. But the students at time of their clinical training get the chance to view post-mortem procedures at the G.H and PMCH.

2.3.23 Does the institution have drug and poison information and poison detection centers? How are these used to train the students?

No

2.3.24 Does the institution have a Pharmacovigilance / Toxicology centre /clinical pharmacy facility / drug information centre/Centre for disease surveillance and control/ Prevention through Yoga/Promotion of positive health/Well-equipped Psychology Laboratory/ Naturopathic diagnostic centre, etc.?

Yes. The institution has a clinical Pharmacy facility, Prevention through Yoga, Promotion of positive health, Well-equipped Psychology Laboratory.

2.3.25 Laboratories / Diagnostics

- * **How is the student's learning process in the laboratories / diagnostics monitored? Provide the laboratory time table (for the different courses)**

- * **Physiotherapy Clinical Facilities IN U.G. AND P.G.**

Laboratory dimensions

- * **Anatomy** –articulated skeleton
- * **Physiology** –20 microscopes at 2 students per microscope
- * **Physiotherapy laboratory** –have treatment table/4students each lab to accommodate 20 students
- * **OPD unit** – accommodate exercise and electrotherapy units and make provision for mat area and a consultation room. An outpatient department at the tie up facility cannot be considered as a independent OPD unit of the college
- * **Electrotherapy Lab** - Short wave diathermy – 2; Diagnostic stimulator – 2 ;Hot Packs unit – 1 ;Paraffin Wax bath – 1 ;Laser – 1; Interferential unit – 3; Ultrasound therapy – 3; Infra red lamp – 2; Cold pack unit – 1 ;Tens Unit – 3; UVR unit – 1; Electronic traction – 2; Incentive Spirometers – 1.
- * **Exercise therapy laboratory** Parallel bar with mirror – 1 Bicycle ergo meter – 1 Stepper – 1 Suspension frame with apparatus Dumbbells, pulleys, weights, sandbags – 5 pieces, Blood pressure Apparatus ,Stair case Wall bar – 1 Treadmill – 1 Shoulder wheel Exercise mats Tripod stick Goniometer – 10: Reflex Hammer-5 Quadriceps table-1: Equilibrium board-1

MPT

- * **PT in Neurology department**
 1. EMG biofeedback unit
 2. Dynamometer for strength and sensory evaluation
 3. Treatment unit with provision of mats, therapeutic balls, bolster, reeducation mirrors
 4. Sensory Education equipment
- * **PT in Musculoskeletal and sports**
 1. Goniometry, Pelvic and cervical Muscle testing units like Dynamometer
 2. Multipurpose Gym
- * **PT in Cardio respiratory**
 1. PFT unit Spirometers. Peak flow meters Nebulizers, Humidifiers
- * **Student staff ratio in the laboratories / diagnostics.**

The students are placed in rotation plan.
1:9 students for U.G & 1:3 students for P.G

2.3.26 how many procedures / clinical cases / surgeries are observed, assisted, performed with assistance and carried out independently by students in order to fulfill learning objectives?

* **Number of students inside the operation rooms at a given time**

2 students

* **Average number of procedures in the ORs per week, month and year**

Clinic around 15 Cases

i) Per week Around 2 – 3 new Cases

ii) Per month: Around 10-15 Cases

iii) Per year: Around 120-150 Cases

As we don't have own hospital we practice with MOU .Two Procedure in the OR s per week, 8/Month, 96/year.

Procedures, clinical cases, skills observed, assisted, performed with assistance and done independently, are as per the regulatory guidelines of affiliating university, Indian Association of Physiotherapist.

2.3.27 Does the institution provide patients with information on complementary and alternative systems of Medicine?

Nil

2.3.28 What are the methods used to promote teaching-learning process in the clinical setting?

- Patients' case sheet assessment chart
- Investigation reports.
- Demonstration
- Case presentation
- Incidentals teaching
- Bedside clinics
- Assignment
- Group discussion

2.3.29 Do students maintain log books of their teaching-learning activities?

Yes. The students are provided with log books from their 3rd year and these log books are submitted to the posting incharge for correction after each posting.

2.3.30 Is there a structured mechanism for post graduate teaching-learning process?

Yes. Time table, Separate Rooms, Staff and Practical Rooms

2.3.31 Provide the following details about each of the teaching programs:

* *Number of didactic lectures*

| <i>Year</i> | <i>Subjects</i> | <i>Hours</i> |
|---------------------------------|-----------------------------|--------------|
| 1 st Year | Psychology and sociology | |
| | General Psychology | 120 |
| | Health Psychology | 80 |
| | Sociology | 160 |
| | Anatomy | 200 |
| | Physiology | 150 |
| | Applied anatomy | 80 |
| | Applied physiology | 80 |
| | Basic nursing and First aid | 30 |
| Orientation and Introduction to | | |

| | | |
|--------------------|--|-----|
| | Physiotherapy | 60 |
| | English | 30 |
| | Computer Application | 30 |
| | Basic and applied Physics for Physiotherapy | 80 |
| II Year | General medicine/G.surgery/Pediatrics | 150 |
| | Bio-mechanics, applied anatomy and Kinesiology | 130 |
| | Exercise therapy | 250 |
| | Massage therapy | 100 |
| | Microbiology and Pathology | 100 |
| III Year | Electrotherapy –I(low and medium frequency) | 150 |
| | Electrotherapy II(HF and actinotherapy) | 200 |
| | Community medicine | 55 |
| | Clinical Cardio respiratory diseases | 55 |
| | PT in Cardio respiratory conditions | 100 |
| IV Year | Clinical orthopedics | 55 |
| | PT in orthopedics | 250 |
| | Clinical neurology | 55 |
| | PT in neurology | 100 |
| | Rehabilitation medicine | 100 |
| | Physical education | 40 |
| | Visits and special lectures | 75 |
| | Administration/supervision /Ethics | 30 |
| Project/Case study | 50 | |

- **Total clock Hours**

Examination/NON Examination Papers –2715 hours

Clinical (Course Teaching)—1400 Hours

Clinical (Physiotherapy Internship) –1152 hours

Total clock Hour –5267 hours

M.P.T

| Year | Subjects | Hours |
|--|--|-------|
| First year | Bio-statistics and Research methodology | 120 |
| | Biomechanics and Kinesiology/ Pathomechanics | 80 |
| | Ergonomics | 40 |
| | Nutrition and exercises | 80 |
| | Physiology | 80 |
| | Manual therapy | 80 |
| | Exercises therapy | 40 |
| | Electro therapy | 80 |
| | Eletrophysiology | 40 |
| Administration, Supervision and ethics | 40 | |

| | | |
|-------------|---|------|
| | Seminars case presentations and journal presentations | 80 |
| | Clinical practice | 1204 |
| Second Year | Anatomy and Physiology | 80 |
| | Clinical conditions | 120 |
| | Physiotherapy assessment | 80 |
| | Foundational concepts and condition management | 80 |
| | Special techniques | 120 |
| | Evidence based practice in Physiotherapy | 25 |
| | Seminars, case presentation and journal presentation | 80 |
| | Guest lectures | 15 |
| | Compilation and submission of dissertation | 80 |
| | Clinical practice | 1680 |

*** Number of students in each batch**

| Year | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|--------------|---------|---------|---------|---------|---------|---------|
| B.P.T | 15 | 08 | 16 | 50 | 49 | 50 |
| M.P.T | 10 | 10 | 10 | 10 | 08 | 09 |

*** Number of rotations**

As per rotational plan

*** Number of students inside the operation rooms at a given time**

3 students

*** Average number of procedures in the ORs per week, month and year**

Clinic around 15 Cases

i) Per week Around 2 – 3 new Cases

ii) Per month: Around 10-15 Cases

iii) Per year: Around 120-150 Cases

As we don't have own hospital, we practice with MOU .Two Procedure in the OR s per week, 8/Month, 96/year.

Procedures, clinical cases, skills observed, assisted, performed with assistance and done independently, are as per the regulatory guidelines of affiliating university and Association of Physiotherapist of India and innovative technology advancement.

*** Autopsy/post-mortem facility**

Not Applicable

2.4. TEACHER QUALITY

2.4.1 How does the institution plan and facilitate its faculty to meet the changing requirements of the curriculum?

The institution plans and facilitates its faculty to meet the changing requirements of the curriculum by sending and conducting the faculties for State level seminars, CME, Workshops to update their knowledge.

2.4.2 Does the institution encourage diversity in its faculty recruitment? Provide the following details (department / school-wise).

U.G Faculty

| Department | % of faculty from the same institution | % of faculty from other institutions within the State | % of faculty from institutions outside the State | % of faculty from other countries |
|------------|--|---|--|-----------------------------------|
| Ortho | 75% | 100 % | Nil | Nil |
| Neuro | 50 % | 100 % | | |
| Cardio | 50 % | 100 % | | |
| Sports | 25% | 100 % | | |

| Department | % of faculty from the same institution | % of faculty from other institutions within the State | % of faculty from institutions outside the State | % of faculty from other countries |
|------------|--|---|--|-----------------------------------|
| Ortho | 75 % | 100 % | Nil | Nil |
| Neuro | 100 % | 100 % | | |
| Cardio | 100 % | 100 % | | |
| Sports | 100 % | 100 % | | |

2.4.3. How does the institution ensure that qualified faculty are appointed for new programs / emerging areas of study? How many faculty members were appointed to teach new programs during the last four years?

Nil.

2.4.4 How many Emeritus / Adjunct Faculty / Visiting Professors are on the rolls of the institution?

All external subjects are handled by the visiting Professors of concerned subjects.

2.4.5 What policies/systems are in place to academically recharge and rejuvenate teachers? (E.g. providing research grants, study leave, nomination to national/international conferences/seminars, in-service training, organizing national/international conferences etc.)

Study leave is given in case of any preparations of the candidates. National conferences are conducted yearly twice by each department.

2.4.6 How many faculty received awards / recognitions for excellence in teaching at the state, national and international level during the last four years?

Nil

2.4.7 How many faculties underwent professional development programs during the last four years? (Add any other program if necessary)

| Faculty Development Programs | Number of faculty attended |
|--------------------------------------|--|
| Induction programs | 2010-9 nos 2011-5 nos 2012-1 nos 2013-4 nos |
| Re-orientation programs | All the staffs. conducts on June |
| Refresher courses | All the staffs. conducts on January |
| Capacity building programs | All the staffs. conducts on October |
| Programs by regulatory / apex bodies | Nil |

2.4.8 How often does the institution organize academic development programs (e.g.: curriculum development, teaching-learning methods, examination reforms, content / knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?

Monthly the college organizes an faculty development program for the faculty to Update their knowledge.

2.4.9 Does the institution have a mechanism to retain faculty? What is the annual attrition rate among the faculty?

Yes, Basic salary is increased, maternity leave, leave and permission is allowed monthly twice.

2.4.10 Does the institution have a mechanism to encourage

- **Mobility of faculty between institutions /universities for teaching/research?**

Yes, Between Institutions

- **Faculty exchange programs with national and international bodies? If yes, how have these schemes helped in enriching the quality of the faculty?**

No.

2.4.11 Does the institution have well defined career advancement policy for Health Science professionals? If yes, outline the policy.

No.

2.4.12. How does the institution create synergies with other PG institutes for generating required number of specialists and super specialists?

Our PG students visit other PG institute for their Practical examinations and the same way the staff from other institution visit our college as examiners when the exams are conducted in our institution.

2.4.13. Does the institution conduct capacity building programs / courses in subspecialties for its faculty?

Yes. We do have Faculty development Programme for our faculty.

2.5 Evaluation Process and Reforms

2.5.1. What are the important examination reforms implemented by the institution? Cite a few examples which have positively impacted the examination system.

FOR B.P.T

A minimum of three written examinations will be conducted in each subject during a year and the average marks of the three performances shall be taken in to consideration for the award of assessment marks.

A minimum of three practical examinations shall be conducted in each subject during a year and the average marks of the three performances shall be taken in to consideration for the award of assessment marks.

A failed candidate in any subject shall be provided an opportunity to improve his/her assessment marks by conducting a minimum of two examinations in theory and practical separately. If a failed candidate does not appear for an improvement mark examinations in the failed subjects the internal marks awarded in the previous examination shall be carried over for his/her subsequent appearance.

The internal assessment marks should be submitted to the university endorsed by the Principal of the Institution 15 days prior to the commencement of the theory examination, along with attendance sheet. Feb 1st/ Aug 1st If date of commencement of examination falls on Saturday, Sunday and declared public

Holidays the examination shall begin on the next working day.

Marks Qualifying For Pass

50% of marks in theory subjects where university examination are conducted and aggregate of 50% marks in university theory, oral and internal evaluation marks taken together in the subject. 50% of marks in theory subjects where university examination are conducted and 50% marks in university practical examination and 50% aggregate in theory, practical and internal evaluation marks taken together in the subject. A candidate who obtains not less than 60% of the aggregate marks in the whole examination shall be declared to have passed the examination in the first class, provided they pass all the examinations prescribed for the course within a period of four academic years from the year of admission to the course. A candidate who secures less than 60% of the aggregate marks in the whole Examination shall be declared to be passed the examination in the second class, provided they pass all the examinations prescribed for the course with in a period of four academic years from the year of admission to the course. Candidates who obtain 75% of the marks in the aggregate shall be deemed to have passed examination in first class with distinction provided they pass all the examinations Prescribed for the course at first appearance. Candidates who pass all the examinations prescribed for the course in the first appearance only eligible for ranking.

Carry Over Of Failed Subjects

The candidate should pass all the I, II, and III year subjects before entering to IV year.

Review Of Answer Papers Of Failed Subjects

As per the regulations prescribed for review of answer papers by the university.

SCHEME OF THEORY EXAMINATION

Duration:3 Hours

Question pattern:

1. 10 Two mark question. (Short answer)
2. 2 Twenty mark question. (Essay)
3. 8 Five mark question. (Short notes)

This mark pattern is same for all the subjects in BPT curriculum

Except the following subjects:

for Microbiology & Pathology
Psychology and Sociology

Section A: MICROBIOLOGY /PSYCHOLOGY– 50 Marks

1. 1 twenty mark question (Essay)
2. 4 five mark question (Short notes)
3. 5 two mark question (Short answer)

Section B: PATHOLOGY/SOCIOLOGY – 50 Marks

1. 1 twenty mark question (Essay)
2. 4 five mark question (Short notes)
3. 5 two mark question (Short answer)

For M.P.T

Maintenance of Log Book

Maintenance of Log Book Every post graduate shall maintain a record of skills (Log book) he/she has acquired during the two years training period certified by the various heads of the department where he/she has undergone training. The candidate is also required to participate in the teaching and training program for the Undergraduate students. In addition the Head of the department shall involve the post graduate students in seminars and journal, group discussions and participation in conferences. The Head of the department shall scrutinize the log book once in every three months. At the end of the course, the candidate should summarize the contents and get the log book certified by the Head of the department

Periodic tests

The college may conduct periodic tests including written theory papers, practical and orals in the pattern of university examination. Records and marks obtained in such tests will be maintained by the Head of department and sent to the university, when called for.

Commencement of Examinations

There shall be two university examination sessions in an academic year viz 15th March and 15th September. If the date of commencement of examination falls on a Sunday or Saturday or declared public holidays, the examination shall begin on the next working day.

Scheme of theory examination

Maximum marks: 100 (No choice)

Duration: 3 Hours

1. Long essay (2 Questions) – 2x 20 = 40 marks
2. Short notes (10 Questions) – 10x 6 = 60 marks

Scheme of practical examinations

I YEAR (General)

Practical 1 - Physiotherapeutics

(Practical exam is emphasized only on Exercise and Electrotherapy)

- One long case - 60 marks
- One short case - 40 marks
- Orals - 50 marks

II YEAR (Specialty)

Practical 1 - Physiotherapy Assessment

(Practical exam is emphasized

Only on Physiotherapy Assessment)

- One long case - 60 marks
- One short case - 40 marks
- Orals - 50 marks

Practical 2 - Physiotherapy Interventions

(Practical exam is emphasized

only on Physiotherapy Interventions)

- One long case - 60 marks
- One short case - 40 marks
- Orals - 50 marks

Dissertation – Approved or Not Approved

Marks Qualifying for Pass

The candidate should have obtained 50% in theory, practical, oral examinations separately. Further, he/she should have obtained 50% marks overall in the subject to qualify for a pass.

Dissertation

Every candidate presenting himself for the examination for the first time shall submit four copies of a dissertation not exceeding 2500 words consisting if the result of his own study of important investigation carried out by him under the guidance of a recognized faculty together with a review of recent advances pertinent to that theme. The topic of the dissertation should be submitted at end of the first month of second year. The candidate should also inform the name of the guide for the dissertation to the University while submitting the dissertation topic. If any changes in the dissertation topic, the same has to be informed before at the end of the third month of second year. The dissertation should be submitted three months in advance duly signed by the professor of that branch and the same has to be forwarded to the controller of examination through the dean or principal of the college three months prior to the Examination. No marks will be allowed for dissertation. The board of examiner should mark the dissertation either approved or not approved. If the dissertation is not approved or rejected by the majority of the examiners, the result shall be withheld till the resubmitted dissertation is approved. If the candidates fail in the written/practical examination, but his/her dissertations approved, the approval of the dissertation shall be carried over to the subsequent Examinations.

Classification of Successful candidates

A candidate who obtains not less than 60% of the aggregate marks in the whole Examination shall be declared to have passed the examination in the first class, provided They pass all the examinations prescribed for the course within a period of two academic Years from the year of admission to the course. Candidates who secure less than 60 % of the aggregate marks in the whole examination shall be declared to be passed the examination in the second class, provided they pass all the examinations prescribed for the course within a period of two academic years from the year of admission to the course. Candidates who obtain 75% of the marks in the aggregate shall be deemed to have passed examination in first class with distinction provided they pass all the examinations prescribed for the course at first appearance. Candidates who pass all the examinations prescribed for the course in the first appearance only are eligible for ranking.

2.5.2 .How does the institution ensure that all the stakeholders are aware of the evaluation processes that are in place?

Concerned teacher monitors the progression of the students. And also informs the parents about the academic curriculum. After every such internal assessment, parents are informed of the progress of the student in writing and appropriate actions specific to individual are initiated, involving parents, teachers and students.

2.5.3. What is the average time taken by the University for Declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode adopted by the institution for the publication of examination results (e.g. website, SMS, email, etc.).

The results are published by University web site in 30 to 40 days after their exams.

2.5.4. How does the institution ensure transparency in the evaluation process?

Only the university ensures transparency. The college does not get involved in this.

2.5.5. What are the rigorous features introduced by the university to ensure confidentiality in the conduct of the examinations?

- The instruments like Mobile Jammer, Camera, and Metal Detector make sure students not to involve in any kinds of malpractice.
- The university and institution is ensured the confidentiality in the conduct of the Examinations through, Downloading the question paper few minutes prior to the commencement of the examination.
- Monitoring examination through a closed circuit television member (CCTV)
- Jammer fixation and metal detector, packing the answer booklets safe and secure under CCTV monitoring and mailing to the university under confidential seats.

2.5.6 Does the institution have an integrated examination platform for the following processes?

- * pre-examination processes – Time table generation, hall ticket, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, online transmission of questions and marks, etc.
→ Yes.

- * Examination process – Examination material management, logistics, etc.
→ Yes.
- * Post-examination process – Attendance capture, OMR-based exam result, auto processing, result processing, certification, etc.
→ Yes.

2.5.7 has the university / institution introduced any reforms in its evaluation process?

Proper infrastructure like seating arrangement, proper ventilation, water and toilet facilities should be provided to all the students

- Proper arrangements for timely distribution of question papers including downloading through internet, other facilities like wireless broadband, generator, UPS, FAX, Phone, multi copier etc should be made
- Mobile jammers should be installed in the area covering the theory examination center
- CCTV recording should cover all the examination halls and it should cover entire duration of examination. CCTV footage CD's should be compulsorily sent to University along the observers report on daily basis
- Any instances of Malpractice should be reported immediately to the Registrar and proper procedures should be followed while booking the mal practice cases
- The observer posted to the centre is required to fill up and send a performa enclosed along with this letter regarding facilities at the centre at the end of the examinations

| Bell no | Particulars | |
|-------------------|---|--------------------------------------|
| First Bell | Morning session 8.55AM | Afternoon session 1.25 PM |
| | 1. Invigilator shall be present before the allotted room for verification/ checking of candidates 2. The candidates will be allowed to enter and occupy their seats in the examination hall, upon showing their admission ticket | |
| Second bell | 9.00 AM | 1.30 PM |

| | | |
|-------------|---|---------|
| | <ol style="list-style-type: none"> 1. The invigilator shall verify the admission ticket, Photograph of the candidate present 2. The invigilator will distribute the answer sheets only to the candidates present in the examination hall 3. The candidates should write their name, then carefully enter the admission ticket number and shade the respective circle on the part I of answer script 4. Chief superintendent will download the question paper 5. Chief superintendent print the required number of question paper 6. Chief superintendent shall pack the printed question in packets and distribute among the room invigilators 7. No candidate shall be allowed in the examination hall after the second bell. | |
| Third bell | 9.30 AM | 2.00 PM |
| | Distribution of question paper among the candidates present by the invigilators and commencement of the examination | |
| Fourth bell | 10.30 AM | 3.00 PM |
| | <p>Candidates will be allowed to leave the examination hall Candidates will not be allowed to carry the question paper till the last bell</p> <p>This is a caution bell, the invigilator will inform the candidates _only 10</p> | |
| Fifth bell | 12.20pm | 4.50 PM |
| | This is a caution bell, the invigilator will inform the candidates _only 10 minutes are remaining for the examination to end' | |
| Sixth bell | 12.30 pm | 5.00 PM |
| | <ol style="list-style-type: none"> 1. end of examination 2. The invigilator shall collect the answer script from the candidates 3. the invigilator will hand over the answer script and other forms to the chief superintendent | |

2.5.8 What is the mechanism for redressal of grievances with reference to examinations? Give details.

Students on verifying their answer books if any queries, they meet the concerned head of the department and get clarified of their grievances. How grievances in evaluation are addressed by the college and university Grievance cell is established in the college headed by Principal_Student Grievance cell is present in the University as well

2.5.9 Does the institution have a Manual for Examinations and if yes, does it specifically take cognizance of examination malpractices by students, faculty and non-teaching staff?

Yes. The affiliated university itself has started the rules and regulations of examination in the Hall –ticket and in the answer booklet.

2.5.10 what efforts have been made by the university to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division/section.

The controller of examinations is changed once in every three years by the University

2.5.11 what are the efforts of the institution in the assessment of educational outcomes of its students? Give examples against the practices indicated below:

- * Compatibility of education objectives and learning methods with assessment principles, methods and practices.
- * Balance between formative and summative assessments.
- * Formative (theory / orals / clinical / practical) internal assessment.
- * Summative (theory / orals / clinical / practical).
- * Theory – structure and setting of question papers – Essays, long answers, shorts answers, Questions bank and Key answers.
- * Objective Structured Clinical Examination (OSCE).
- * Objective Structured Practical Examination (OSPE).
- * Any other.

Sessional, University Exam mark comparisons.

2.5.12 describes the methods of prevention of malpractice, and mention the number of cases reported and how are they dealt with?

- Entry is permitted into the exam hall after verifying the Hall ticket.
- Metal detector
- Monitoring the examination through CCTV
- Mobile Jammer
- Restrict entry for outsiders into the examination

So far the institution has not experienced any such malpractices.

2.6. Student Performance and Learning Outcomes

2.6.1 Has the institution articulated its Graduate Attributes? If so, how does it facilitate and monitor its implementation and outcome?

No.

2.6.2 Does the institution have clearly stated learning outcomes for its academic programs/departments? If yes, give details on how the students and staff are made aware of these?

The institution follows the Curriculum, and Syllabus given by the University. An academic Calendar is published by the institution with these details and distributed to all the staffs and students.

2.6.3 How are the institution's teaching-learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?

The portions are divided equally into three for the Sessional exams which is conducted thrice in an academic year

2.6.4 How does the institution ensure that the stated learning outcomes have been achieved?

On the basis of the evaluation of periodic tests, assignments, clinical presentations etc., regular periodic examinations should be conducted throughout the course. There is a minimum of three (3) sessional examinations during I, II, III and final year. The average of the three examination marks for Theory and Practical/Clinical respectively, is sent to the University before the University examination as per notification. Proper record which forms the basis of the Internal Assessment is maintained for all students.

A Candidate must obtain a 50% mark in theory and practical separately in internal assessment to be eligible to write the university examination.

Any other information regarding Teaching-Learning and Evaluation which the institution would like to include.

**CRITERION III:
RESEARCH, CONSULTANCY AND EXTENSION**

3.1. Promotion of Research

3.1.1 Is there an Institutional Research Committee which monitors and addresses issues related to research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

A Committee of research is constituted under IQAC whose accountability is clearly defined. Appropriate numbers of both male and female students are nominated to this committee which meets periodically to review, facilitate and to implement research.

Composition:

- ❖ Principal of the college is the chairman of the committee with the Head of departments of all research departments as members.
- ❖ Three external staff from other institutions, who are nominated by research supervisor and approved by the institution.

Recommendations:

- ❖ Research policy for the institution is decided.
- ❖ Proactive student projects with seed money funding by the management is initiated on continuous basis.
- ❖ Regular orientation programmes on Research Methodology and Statistics for Students & Staff members.
- ❖ Department wise need based procurement of Journals.
- ❖ Motivation of staff and students for conducting research
- ❖ Enhance the quality of research publications by faculties and students and publications in indexed journals.
- ❖ Leave support to attend Workshops / Conferences, Seminars and to present the papers.
- ❖ Motivation and incentives for contribution towards research is redefined.

Impact:

Orientation programs on statistics help to improve a research temperature and also to improve the interest toward the research

Research Committee Members

| S. No | Name of the Committee Members | Designation |
|-------|--------------------------------------|-------------|
| 1 | Prof. V. Manivannan M.P.T(Ortho) | Chairperson |
| 2 | Prof. R. Saravanakumar M.P.T(Cardio) | Member |
| 3 | Mr. T. Loganathan M.P.T(Sports) | Member |
| 4 | Ms .A. Sabiya M.P.T(Neuro) | Member |
| 5 | Ms. Betsy Sara Paul(P.G)- II Year | Member |
| 6 | Ms. Cilla Joseph(P.G) –I Year | Member |

3.1.2 Does the institution have an institutional ethics committee to monitor matters related to the ethics of inclusion of humans and animals in research?

Yes, the College has research committee with UG and PG students representation, for student centric learning, it monitors and approves the project proposals by the students.

There is No Animal Research in our Department.

The members of the committee as follows :

Ethical Committee Members

| Sl. No | Name of the Committee Members | Designation |
|--------|--------------------------------------|------------------|
| 1 | Prof. V.Manivannan M.P.T(Ortho) | Chairperson |
| 2 | Prof. R. Saravanakumar M.P.T(Cardio) | Vice Chairperson |
| 3 | Mr. Dhanabal M.Phil., | Statistician |
| 4 | Prof. V.Vijayaraj M.P.T(Neuro) | Faculty member |
| 5 | Mr. T. Loganathan M.P.T(Sports) | Faculty member |

3.1.3 What is the policy of the university to promote research in its affiliated / constituent colleges?

University provides fund for conducting 2 CME per year in the institution. An amount of 15,000/- has been provided every year to conduct CME / Workshops and there by improves the knowledge and interest towards research

3.1.4 What are the proactive mechanisms adopted by the institution to facilitate the smooth implementation of research schemes/projects?

a. Externally funded projects (both government and private agencies):

- * **Advancing funds for sanctioned projects.** → NIL
- * **Providing seed money.** → NIL
- * **Simplification of procedures related to sanctions / purchases to be made by the investigators.** → NIL
- * **Autonomy to the principal investigator/ coordinator for utilizing overhead charges.** → NIL
- * **Timely release of grants.** → NIL
- * **Timely auditing.** → NIL
- * **Submission of utilization certificate to the funding authorities.** → NIL
- * **Writing proposals for funding.** → NIL
- * **Any training given for writing proposals.** → NIL

b. Institution sponsored projects:

- * **Proportion of funds dedicated for research in the annual budget.**

The Management provides grants according to their norms, such as for conducting CME/ Workshops in the institution and 50% of the TA and DA is provided for staff attending CME / workshops in other institutions.

- * **Availability of funding for research /training/resources.**

Yearly twice, P.hd Scholars visit the department to take motivation and orientation classes regarding research to the faculty members and PG Students. For this, the fund is provided by the institution.

* **Availability of access to online data bases.**

Yes, the college has well established and equipped library with subscription to many scientific Journals of National and International reputation.

- ❖ Adequate number of books and journals , magazines
- ❖ E- journals and E- Books
- ❖ Dissertations
- ❖ Newspapers and Clippings

3.1.5 How is multidisciplinary / interdisciplinary / transdisciplinary research promoted within the institution?

* **between/among different departments / and**

* **collaboration with national/international institutes / industries.**

- ❖ The college has research collaborations among the four departments.
- ❖ The college arranges the meeting with the Heads of the departments from other disciplines where interdisciplinary research is discussed.
- ❖ We use to conduct seminars &CME Programmes with nursing and pharmacy department of our institution to promote research.
- ❖ CME and seminars programs have under taken collaboration with paramedical and Arts department.
- ❖ Scientific papers / poster presentations among paramedical department.

3.1.6 Give details of workshops/ training programs/ sensitization programs conducted by the institution to promote a research culture in the institution.

| S. No | Year | Topic | Resource Person | Credit hours |
|-------|---|--|---|--------------|
| 1 | 2009 | Shoulder Rehabilitation | Dr. J. Soundararajan, B.P.T., Comt. (Aus), | 8hrs |
| 2 | 2010 | CME On Spinal Cord Injury | Dr.P.G.Rajkumar M.D,D.M(Neuro) | 6hrs |
| 3 | 2010 | Posture awareness | Mr.R.Saravanakumar. M.P.T | 8hrs |
| 4 | 2011 (Multidimensional Physiotherapy Care) | EBP Physiotherapy in severe head in jury | Dr. M. John Solomon, M.P.T., Ph.D., | 8hrs |
| | | Joint Mobilization – Principles and Techniques | Dr. DJ. Tamizhmaran, M.P.T., PGDHE. | |
| | | Critical Care in Adult Cardiac patient | Dr. S. Vijeendran, MACRRC (UK) | |
| | | Psycho Physiotherapy | Prof. L. Gladson Jose, M.P.T., M.Sc., M.Phil. | |
| 5 | 2011 | PT Neurological Assessment | Mr.Iyappan M.P.T | 8hrs |
| 6 | 2011(Feb) | Hand Rehabilitation | Ms.Vishnu Priya M.P.T | 8hrs |

| | | | | |
|----|--------------|--|---|-------|
| 7 | 2011 (Jan) | Swiss Ball Exercises | Mr. T.Sathiya Selvam | 6 hrs |
| 8 | 2012 | Absolute basics of mechanical ventilation | Mr. R. Saravana Kumar M.P.T | 8hrs |
| 9 | 2012(Mar) | NDT& its application in cerebral palsy | Ms. Pramatha M.P.T | 8hrs |
| 10 | 2012 (April) | Health and fitness instructor | Mr. Suresh Franklin | 8hrs |
| 11 | 2012(Oct) | Radiological Examination | Dr.Vijay Ferdi | 8hrs |
| 12 | 2013 | Physical assessment of the respiratory system | Ms. Sheeba francico MPT | 8hrs |
| 13 | 2013 | CPR | Mr. A. Saravanakumar MPT | 8hrs |
| 14 | January 2013 | Reiki healing | Mr. Anand | 8hrs |
| 15 | April 2013 | Myofascial Release Technique | Mr.Muthukumaran | 8hrs |
| 16 | 2013(Sep) | International stroke day | Mr.V.Vijayaraj M.P.T Ms. A. Sabiya M.P.T | 8hrs |
| 17 | 2013(Oct) | CME on Neuroplasticity and its application in Rehabilitation | Ms. Vishnu Priya M.P.T | 8hrs |
| 18 | 2013(Feb) | Geriatric Rehabilitation | Mr. Kannan M.P.T | 8hrs |
| 19 | 2013(Oct) | Peripheral Joint Mobilization | Mr. Iyappan M.P.T | 8hrs |
| 20 | 2014 | PT management in acute myocardial infarction | Mr. R. Saravana Kumar M.P.T Ms. P. Selvi M.P.T | 8hrs |
| 21 | 2014(Jul) | Integrated approach in stroke | Dr.R.Rajkumar P.hd | 8hrs |
| 22 | 2014(Feb) | Shoulder Examination | Dr.Pradeep Balasubramaniam | 8hrs |
| 23 | January 2014 | Athletic Taping | Dr.Kannabiran P.hd | 8hrs |
| 24 | April 2014 | Workshop on stretches | Mr. Suresh Franklin | 8hrs |

3.1.7 How does the institution facilitate researchers of eminence to visit the campus? What is the impact of such efforts on the research activities of the institution?

- Conducting regular training in research and methodology for PG, final year students and for the faculties. The institution includes the visiting professors for research consultation in preparing research proposals for the better outcome of PG Students.
- It helps to improve interest in research and also to produce a scientific temperament and for its better outcome

3.1.8 What percentage of the total budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilization.

The Management provides grants for conducting CME, Workshops in different departments and also provides 50% of expenditure for attending CME & Workshops for the faculties.

3.1.9 In its budget, does the university earmark funds for promoting research in its affiliated colleges? If yes, provide details.

Yes, per year University sanctioned 15,000/- conducting CME / Workshop Programmes. (2programmes per Year)

3.1.10 Does the institution encourage research by awarding Postdoctoral Fellowships/Research Associateships? If yes, provide details like number of students registered, funding by the institution and other sources.

No

3.1.11 What percentage of faculty have utilized facilities like sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the institution monitor the output of these scholars?

80% of the faculty utilizing on duty facility for attending CME and conferences in various college in State, National and International level.

3.1.12 Provide details of national and international conferences organized by the institution highlighting the names of eminent scientists/scholars who participated in these events.

(Refer Q. No: 3.1.6)

3.1.13 Mention the initiatives of the institution to facilitate a research culture in the below mentioned areas:

❖ **Training in research methodology, research ethics and biostatistics.**

- Conducting regularly training in Research methodology immediately after the closer of PG admissions for each batch.
- Motivating them for research by sensitizing them for research lecture.
- Facilitating them to attend CPE / State conference / National conference and International conference.
- Conducting workshops.
- Providing library facilities and research papers.
- Access to e-library.
- Hospital facilities.
- Providing equipment need for the research.
- There is a research and ethical committee, to guide and facilitate research in various fields.
- Journal Presentations conducted every week therefore faculties and students are encouraged to present the articles.

❖ **Development of scientific temperament.**

Training in the institute is fashioned in such a way that the scientific queries regarding basic science and clinical practice are generated. Questions about a disease its diagnosis and therapy are raised in a clinical setting and answers obtained by using scientific methods in the laboratory and then translated into clinical practice. In this way the inquisitiveness is generated and augmented among the faculties and students.

❖ **Presence of Medical / Bio Ethics Committee.**

Yes, there is Research and Ethical Committee in the college.

The college has Research and Ethical committee with UG and PG student representation for student centric learning.

- ❖ **Research linkages with other institutions, universities and centers of excellence. (National and International).**

The institution has linkage with Erode Cancer Centre for Research.

- ❖ **Research programs in Basic Sciences, Clinical, Operational Research, Epidemiology, Health Economics, etc.**

The student and faculties conduct epidemiological researches and evidence based clinical researches in our OP Department.

- ❖ **Promotional avenues for multi-disciplinary, inter-disciplinary research.**

Faculties and students are encouraged to conduct research in the multi/inter disciplinary areas. 50% TA & DA for staffs.

- ❖ **Promotional avenues for translational research.**

NIL

- ❖ **Instilling a culture of research among undergraduate students.**

Regular training in research and methodology for UG Final Year students to improve their interest in research.

- ❖ **Publication-based promotion/incentives.**

Weightage is given for number of publication in indexed journals during promoting and annual increments.

- ❖ **Providing travel grant for attending national/international conference and workshops.**

50% TA & DA for staffs.

We arrange free transport to students and staffs for attending National/International conference and workshops in nearby areas.

3.1.14 Does the institution facilitate

- * **R&D for capacity building and analytical skills in product development like diagnostic kits, biomedical products, etc. for the national / international market**

The college facilitates R & D by providing necessary facilities such as – computer with internet, Xerox, Printer, hospitals, patients, equipment, pre clinical laboratories, investigational and the library facilities.

- * **Development of entrepreneur skills in health care**

Yes. We are providing clinical training, and also we arrange some expert speeches for the students to help them to get an idea regarding, how to start their own clinic or a gym or a rehabilitation center after the completion of their course.

- * **Taking leadership role for stem cell research, organ transplantation and harvesting, Biotechnology, Medical Informatics, Genomics, Proteomics, Cellular and Molecular Biology, Nanoscience, etc.**

NIL

3.1.15 Are students encouraged to conduct any experimental research in Yoga and or Naturopathy?

Yes, we encourage the students to do experimental studies by combining yoga and physiotherapy management for different conditions.

3.2 RESOURCE MOBILIZATION FOR RESEARCH

3.2.1 How many departments of the institution have been recognized for their research activities by national / international agencies (ICMR, DST, DBT, WHO, UNESCO, AYUSH, CSIR, AICTE, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.

None of our department have recognized by any National / International agencies

3.2.2 Provide the following details of ongoing research projects of faculty

Nil

3.2.3 Does the institution have an Intellectual Property Rights (IPR) Cell?

IPR cell planned for future endeavour.

3.2.4 Has the institution taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?

Yes, the faculties are motivated to undertake innovative Physiotherapy procedures. In the fourth coming academic year the institution has planned to give credits for generating patent rights.

3.2.5 Does the institution have any projects sponsored by the industry / corporate houses? If yes, give details such as the name of the project, funding agency and grants received.

None

3.2.6 List details of

a. **Research projects completed and grants received during the last four years (funded by National/International agencies).** Nil.

b. **Inter-institutional collaborative projects and grants received**

i) **National collaborations** → NIL

ii) **International collaborations** → NIL

3.2.7 What are the financial provisions made in the institution budget for supporting students' research projects?

- In institution have provision to pay the research setting fees if any to undertake their research project.
- Institution bears the expenses for transport facilities utilized by the student in carryout the research project.

3.3 RESEARCH FACILITIES

3.3.1 What efforts have been made by the institution to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?

❖ **Hospitals Facilities**

Tip-up with

- Government Head Quarters Hospital, Erode
- Ganga Hospital Coimbatore.
- NIMHANS, Bangalore.
- Neuro Multi-Specialty, Erode.

- Erode Cancer Centre, Thindal.
- Sabari Hospital, Erode.
- Arima society – Thindal.
- Nandha out-patient department.
- Ortho one Hospital.
- Narayana Hirudhalaya Hospital – Hosur.
- Global Hospital – Chennai.
- PMCH – Perundurai.
- LKM Hospital – Erode.
- Sudha Hospital – Erode.
- Sivashakthi Hospital – Bhavani.
- Om Sakthi Hospital – Erode.
- Dharshan Hospital – Erode.
- ❖ **Institution have provision to utilize settings like,**
 - Lions elderly home, Erode.
 - Arima Trust, Physically Challenged School, Erode.
- ❖ **Laboratories**
Providing equipment needed for the research.
- ❖ **Library**
 - Adequate number of books and journals, magazines.
 - E- Journals and E- Books.
 - Dissertation and Thesis from Various University.
 - Newspapers and Clippings.
 - Back Volume.
 - CD Rooms.
- ✓ **Strategies**
 - Flexibility in duty schedule.
 - Organizing regular workshop, conference, and seminar.
 - Financial assistance to participate / present papers.

3.3.2 Does the institution have an Advanced Central Research facility? If yes, have the facilities been made available to research scholars? What is the funding allocated to the facility?

Yet to be established.

3.3.3 Does the institution have a Drug Information Centre to cater to the needs of researchers? If yes, provide details of the facility.

Not applicable.

3.3.4 Does the institution provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists (national/international)?

Yes, the residential facilities are available. The college has guest houses within the campus for accommodating external faculty and visiting scientists.

3.3.5 Does the institution have centres of national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

Nil

3.3.6 Clinical trials and research

- * Are all the clinical trials registered with CTRI (Clinical Trials Research of India)?

Nil

- * List a few major clinical trials conducted with their outcomes.

Nil

3.4 RESEARCH PUBLICATIONS AND AWARDS

3.4.1 Does the institution publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.

No

3.4.2. Give details of publications by the faculty and students:

- * Number of papers published in peer reviewed journals (national / international)

Paper published in international congress on “Renaissance in sports” on sports trauma & overuse prevention by Mr. T. Loganathan, Mr. V. Manivannan and Mrs. V.Devi. (29th & 30th August 2014). ISBN No: 978-81-908942-2-7.

- * Monographs

Nil

- * Chapters in Books

Nil

- * Books edited

Nil

- * Books with ISBN with details of publishers

| Sl. No | Book Name | Faculty or Student name | ISBN No | Year of Publishing/ Publisher |
|--------|--|---|-------------------|--|
| 1. | Hand book of physical examination in orthopedic condition | Prof. V.Manivannan K. Anantharaj K. V. Angusamy | 978-93-81830-53-6 | 2010/ Pallavi Publications S. India Pvt. Ltd, Erode. |
| 2. | Current trends in physical therapy for cardio respiratory diseases | Prof.R.Saravanakumar P. Selvi S.Subasri | 978-93-81830-54-3 | 2010/ Pallavi Publications S. India Pvt. Ltd, Erode. |
| 3 | Tamil book (பிஸிடியோதெரப்பியும் பயிற்சி முறையும்) | Prof. V.Vijayaraj J.Sangeetha | 978-81-908915-0-9 | 2012/Power Stone Publications, Chennai. |
| 4 | Tips for electrotherapy for physiotherapists | Asst.Prof.T.Loganathan V.Devi | 978-93-81830-76-5 | 2014/Kongu Nadu Publications India Pvt. Ltd Erode. |
| 5 | Evidence based practice in physiotherapy | A.Sabiya Pradeepa Surendran | 978-81-908915-1-6 | 2012/Power Stone Publications, Chennai. |

- * **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, EBSCO host, Google scholar, etc.)**

Nil

- * **Citation Index – range / average**

Nil

- * **Impact Factor – range / average**

Nil

- * **Source Normalized Impact per Paper (SNIP)**

Nil

- * **SCImago Journal Rank (SJR)**

Nil

- * **h-index**

Nil

3.4.3 Does the institution publish any reports/compilations/clinical round-ups as a part of clinical research to enrich knowledge, skills and attitudes?

Nil

3.4.4 Give details of

- * **faculty serving on the editorial boards of national and international journals**

Nil

- * **faculty serving as members of steering committees of national and international conferences recognized by reputed organizations / societies**

Nil

3.4.5 Provide details for the last four years

- * **Research awards received by the faculty and students**
- * **National and international recognition received by the faculty from reputed professional bodies and agencies**

Prof. J. Gladson Jose former principal was awarded the Best teacher award from The Tamilnadu Dr. M.G.R Medical University, Chennai in 2011.

3.4.6 Indicate the average number of post graduate and doctoral scholars guided by each faculty during the last four years.

There are no doctoral scholars guided by the college faculties.

Post Graduate:

| | | |
|---------------------------|---|---|
| 1. Prof. V. Manivannan | → | 4 |
| 2. Prof. J. Gladson Jose | → | 2 |
| 3. Prof. R. Saravanakumar | → | 2 |
| 4. Prof. C. Vetrivel | → | 2 |
| 5. Prof. V. Vijayaraj | → | 2 |

3.4.7 What is the official policy of the institution to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.

Yes, we have an ethical committee to monitor the malpractice, and plagiarism in research. So for no plagiarism cases reported.

3.4.8 Does the institution promote multi/interdisciplinary research? If yes, how many such research projects have been undertaken and mention the number of departments involved in such endeavors?

Nil

3.4.9 Has the university instituted any research awards? If yes, list the awards.

No

3.4.10 What are the incentives given to the faculty and students for receiving state, national and international recognition for research contributions?

- 50% of the conference amount is providing by the college, TA and DA also provided to all the staff.
- Institution use to conduct innovation day for the student to encourage and bring out their innovative ideas.

3.4.11 Give details of the postgraduate and research guides of the institution during the last four years.

| Sl. No. | Name of the Student | Branch | Reg. No. | Topic | Guide |
|---------|--------------------------|--------|----------|---|----------------------|
| 1 | Gopinath. T | Ortho | 27092001 | A comparison study on efficacy of counter elbow brace and Proprioception exercises in subjects with lateral epicondylitis. | Mr. V. Manivannan |
| 2 | Rajavijaya Arivazhagan J | Ortho | 27092002 | A comparative study to find out the effects of capsular stretching over muscle energy technique in the management of frozen shoulder. | Mr. V. Manivannan |
| 3 | Shinoj M.R | Ortho | 27092003 | A comparative study on effectiveness of laser therapy versus Cyriax technique in reducing pain on acute lateral epicondylitis. | Mr. V. Manivannan |
| 4 | Thamilarasi. D | Ortho | 27092004 | Effectiveness of pilates based exercises for reducing pain and disability in chronic low back pain patients. | Mr. V. Manivannan |
| 5 | Balaji. G | Neuro | 27092005 | Effectiveness of the SCOTSON technique in improving the sitting balance in patients with cerebral palsy. | Mr. V. Vijayaraj. |
| 6 | Sabiya. A | Neuro | 27092006 | A study on effectiveness of neuro energetic release therapy for stroke patients to improve balance. | Mr. V. Vijayaraj. |
| 7 | Malathi T | Cardio | 27092007 | Efficacy of visceral manipulation on abnormal pattern of breathing in asthmatic patients. | Prof.J. Gladson José |

| Sl. No. | Name of the Student | Branch | Reg. No. | Topic | Guide |
|---------|------------------------|--------|----------|---|----------------------|
| 8 | Prakash A | Cardio | 27092008 | Beneficial effects of inspiratory muscle training for reducing dyspnoea and improving exercise capacity in patients with advanced Congestive Heart Failure. | Prof.J. Gladson José |
| 9 | Palaniyappan M | Sports | 27092010 | The effectiveness of Maitland manipulation with conventional physiotherapy for the management of athletes with athletic Pubalgia. | Mr. V. Manikandan |
| 10 | Joshua Ezhil Selvan J | Ortho | 27102001 | Comparison of the effectiveness of bracing (counter - force forearm brace) vs tapping (MacDonald) in patients with lateral epicondylitis. | Mr. V. Manivannan |
| 11 | Mayengbam Sankila Devi | Ortho | 27102002 | A study to determine the effect of dynamic soft tissue mobilization of hamstring flexibility in healthy subject. | Mr. V. Manivannan |
| 12 | Ramaraju. S | Ortho | 27102004 | A comparative study of effectiveness of self snags versus neck strength training along with conventional physiotherapy in chronic neck pain. | Mr. V. Manivannan |
| 13 | Jackson Dany.J | Neuro | 27102005 | A comparative study between intensive physiotherapy versus conventional physiotherapy in children with cerebral palsy. | Mr. V. Vijayaraj. |
| 14 | Nanthakumar.A | Neuro | 27102006 | Comparative study between effectiveness of treadmill training with partial body weight support and physiotherapy versus treadmill training in improving gait ability of hemiparatic patients. | Mr. V. Vijayaraj. |
| 15 | Durga Devi.J | Cardio | 27102007 | Effects of circuit resistance training for cardio respiratory health & fitness in persons with paraplegia due to high thoracic spinal cord injury. | Mr. R. Saravanakumar |
| 16 | Selvi.P | Cardio | 27102008 | A comparative study of effectiveness of feldenkrais breathing exercises vs conventional therapy for improving quality of life in chronic obstructive pulmonary disease patients. | Mr. R. Saravanakumar |
| 17 | Unnikrishnan.R | Sports | 27102009 | Bilateral asymmetries in flexibility strength and muscle endurance associated with preferred and non preferred leg. | Mr. R. Manikandan |
| 18 | Vijayaperumal.M | Sports | 27102010 | An inspective interpretation of cardio respiratory endurance among smokers and non smokers in college level sportsmen. | Mr. R. Manikandan |
| 19 | Anusha J.V.Carolin | Ortho | 27111081 | A study to determine the effect of low level laser therapy and plyometrics over placebo low level laser therapy and plyometrics in patient with lateral epicondylitis. | Mr. V. Manivannan |
| 20 | Nishira Mamutty | Ortho | 27111082 | A comparative study in effectiveness of muscle energy technique along with moist heat therapy vs capsular stretching in patients with PA. | Mr. V. Manivannan |

| Sl. No. | Name of the Student | Branch | Reg. No. | Topic | Guide |
|---------|---------------------------|--------|-----------|--|----------------------|
| 21 | Pradeepa Surendran | Ortho | 27111083 | A comparative study to find out the effects of capsular stretching over muscle energy technique in the management of HGAC syndrome. | Mr. V. Manivannan |
| 22 | Shakitha.A | Ortho | 27111084 | Effectiveness of electrical stimulation of vastus medialis alone vs electrical stimulation of vastus medialis with stretching of lateral thigh muscles in patellofemoral pain syndrome. | Mr. V. Manivannan |
| 23 | Mullaimathi Vadhanam.C | Neuro | 27112081 | A comparative study of effectiveness of mirror box therapy and motor relearning program in motor recovery of hand related functions in sub acute stroke patients. | Mr. V. Vijayaraj. |
| 24 | M.Ramya | Neuro | 27112082 | A study to analyze the effectiveness of sensory specific balance in improvement of functional balance after acute post stroke. | Mr. V. Vijayaraj. |
| 25 | Sri Ramagadatcham.S | Cardio | 27113082 | Effect of supported arm training on muscle endurance, exertional dyspnoea and muscle fatigue in patients recently weaned from mechanical ventilation. | Mr. R. Saravanakumar |
| 26 | Huidrom Nirupama Devi | Sports | 27115081 | The effectiveness of combined plyometric and strength training compared to traditional strength training program on athletic performance. | Mr. C. Vetrivel |
| 27 | Sakthivel.P | Sports | 27115082 | The effectiveness of kinesio taping on pain and throwing accuracy following shoulder impingement syndrome in elite male cricketers. | Mr. C. Vetrivel |
| 28 | Eunice Vidhya | Ortho | 271210063 | A comparative study to determine the effectiveness of prone lying lumbar traction vs supine lumbar traction along with McGill lumbar stability exercise in the management chronic low back pain. | Mr. V. Manivannan |
| 29 | Sarumathi.K | Neuro | 271220062 | A study to analysis the relationship between visuospatial ability and hand function in normal individuals. | Mr. V. Vijayaraj., |
| 30 | Anbu Selvi.J | Cardio | 271230081 | Influence of age on pulmonary function tests. | Mr.R.Saravanakumar |
| 31 | Lakshmi Priya. P | Cardio | 271230082 | Combined effects of ELTGOL and flutter VRPI on the dynamic and static pulmonary volumes and on the secretion clearance of patients with bronchiectasis. | Mr.R.Saravanakumar |
| 32 | Pandurenga Padmanabhan. P | Sports | 271250081 | Efficacy of high intensity training with a bi-directional bicycle pedal in ankle sprain among sports athlete of age group between 15 to 25 years. | Mr. C. Vetrivel |
| 33 | Vijay. P | Sports | 271250082 | Effects of prior bouts of eccentric muscle training on severity of exercise induced muscle damage. | Mr. C. Vetrivel |

3.5 CONSULTANCY

3.5.1 What are the official policy/rules of the institution for structured consultancy? List a few important consultancies undertaken by the institution during the last four years.

- The college provides an outpatient department which is for the welfare of the public and also for the training of the students.
- The OPD is open from Monday to Friday from 9am – 12pm.
- The OPD conducts camp in various surrounding regions around Erode for the public welfare.
- The patients who come to the OPD first time are charged with a registration fee of Rs. 50/- and there after free treatment is given.

3.5.2 Does the university have an industry institution partnership cell? If yes, what is its scope and range of activities?

Yes,

It helps our students to improve their practical knowledge, and improve their contact which helps them to reach a high position. The College utilizes clinical facilities at

- Government Head Quarters Hospital, Erode.
- Ganga Hospital Coimbatore.
- NIMHANS, Bangalore.
- Neuro Multi-Specialty, Erode.
- Erode Cancer Centre, Thindal.
- Sabari Hospital, Erode.
- Arima society, Thindal.
- Nandha out-patient department.
- Ortho one Hospital.
- Narayana Hirudhalaya Hospital – Hosur.
- Global Hospital – Chennai.
- PMCH – Perundurai.
- LKM Hospital – Erode.
- Sudha Hospital – Erode.
- Sivashakthi Hospital – Bhavani.
- Om Sakthi Hospital – Erode.
- Dharshan Hospital – Erode.

3.5.3 What is the mode of publicizing the expertise of the institution for consultancy services? Which are the departments from whom consultancy has been sought?

The college conducts almost 7 camps per year which helps in Physiotherapy awareness in the Public.

3.5.4 How does the institution utilize the expertise of its faculty with regard to consultancy services?

The faculty guides the students with regard to the assessment of the patients who come for treatment to the OPD.

3.5.5 Give details regarding the consultancy services provided by the institution for secondary and tertiary health care centers and medical / dental practitioners.

The college conducts medical camps in collaboration with Lions Club and other voluntary agencies.

3.5.6 List the broad areas of consultancy services provided by the institution and the revenue generated during the last four years.

(Department wise split up)

| Year | Ortho | Neuro | Cardio | Others | Total |
|------|--------|--------|--------|--------|-------------|
| 2009 | 8/day | 8/day | 3/day | 5/day | 4,560/Year |
| 2010 | 10/day | 8/day | 4/day | 5/day | 5,130/ Year |
| 2011 | 10/day | 10/day | 5/day | 5/day | 5,700/ Year |
| 2012 | 10/day | 10/day | 5/day | 5/day | 5,700/ Year |
| 2013 | 15/day | 15/day | 8/day | 5/day | 5,920/ Year |
| 2014 | 15/day | 15/day | 8/day | 5/day | 5,920/ Year |

3.6. EXTENSION ACTIVITIES AND INSTITUTIONAL SOCIAL RESPONSIBILITY (ISR)

3.6.1 How does the institution sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programs which have created an impact on students' campus experience during the last four years.

- Development of socially responsible and globally competent physiotherapy professionals is a stated mission of the college. Accordingly, the curriculum of the programs offered by the college mandates early and continued exposure to training in clinical practice in various fields of physiotherapy specialties.
- Inculcation of ethical values and integrity is an important goal of the college and the curriculum explicitly includes elements of Physiotherapy ethics and professional conduct. We guides to participate in community health activities and the faculty of the institution is motivated and supported to carry on social activities.
- Yearly 7 Health care camps is conducted on 3rd Saturday of January, February, March, April, June, October and November in the community level.

Camp Details

| Sl. No | Year | Date | Total |
|--------|------|---|--------------|
| 1. | 2009 | 17-1-09 21-2-09 21-3-09 18-4-09 20-6-09 17-10-09 21-11-09 | 7 Camps/year |

| | | | |
|----|------|---|--------------|
| 2. | 2010 | 16-1-10 20-2-10 20-3-10 17-4-10 19-6-10 16-10-10 20-11-10 | 7 Camps/year |
| 3. | 2011 | 19-2-11 19-3-11 16-4-11 18-6-11 15-10-11 19-11-11 | 6 Camps/year |
| 4. | 2012 | 21-1-12 18-2-12 17-3-12 21-4-12 16-6-12 20-10-12 17-11-12 | 7 Camps/year |
| 5. | 2013 | 19-1-13 16-2-13 16-3-13 20-4-13 15-6-13 19-10-13 16-11-13 | 7 Camps/year |
| 6 | 2014 | 18-1-14 15-2-14 15-3-14 19-4-14 21-6-14 | 5 till date |

Other Social Activities

- World AIDS Day.
- World Tuberculosis Day.
- World Hypertension Day.
- World Diabetes Day.
- World Breast Feeding Week.
- Cancer Awareness Programme.
- Dengue fever Awareness Programme.
- World Environmental Day.
- World Physiotherapy Day.

3.6.2. How does the institution promote university-neighborhood network and student engagement, contributing to the holistic development of students and sustained community development?

- Participation in conferences.
- The students and faculties provide preventive, promotive, curative and rehabilitative services at Urban and Rural Community Areas.
- The College conducts health awareness programs, school health program, survey, rally and health camps.
- The college contributes its effort along with other health care and voluntary agencies to conduct medical camp.

3.6.3 How does the institution promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International programs?

Through YRC the college promotes the participation of the students and faculty in these extension activities.

Year 2010 - 2014

| Sl. No | Activities | Date | Month |
|--------|--|------|-----------|
| 1 | International Women's day | 8 | March |
| 2 | World Health Day | 7 | April |
| 3 | World Environment Day | 5 | June |
| 4 | World Blood Donation Day | 14 | June |
| 5 | International Day against Drug Abuse & illicit Trafficking | 26 | June |
| 6 | International Literary Day | 8 | September |
| 7 | World AIDS Day | 1 | December |

3.6.4 Give details of social surveys, research or extension work, if any, undertaken by the institution to ensure social justice and empower the underprivileged and the most vulnerable sections of society?

Yes, **INFLUENCE OF AGE ON PULMONARY FUNCTION TESTS** (M.P.T, Student Project) this project was conducted on the vulnerable sections of the society as their living environment is situated around unhygienic areas and this survey was to find the lung problems in those people.

3.6.5 Does the institution have a mechanism to track the students' involvement in various social movements / activities that promote citizenship roles?

- We provide best out going student award each year by considering academic extracurricular activities and also by considering the involvement in the various social activities.
- We have so many programs like awareness Rally on AIDS Day, blood donation camps free medical and community visit.
- Student participation in community outreach programs are supervised and monitored by the faculty.
- Students and staff participate in Manitham club.

3.6.6 How does the institution ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the institution that have encouraged community participation in its activities.

- By conducting free physiotherapy health care camps in schools, villages, home for age.
- Awareness programme regarding sanitation for the girls and village women by conducting seminars and providing pamphlets.
- The benefit of outreach programme was identified through oral as well as written feedback by the community people.

3.6.7 Give details of awards received by the institution for extension activities and/contributions to social/community development during the last four years.

The institution received informal word of appreciation and public recognition from the community programme (Manitham Club).

3.6.8 What intervention strategies have been adopted by the institution to promote the overall development of students from rural/ tribal backgrounds?

During the 1st 10 days of the year we are conducting bridge courses such as, first aid, spoken English, computer and medical terminology and also provide personality development class for 1st year student.

3.6.9 What initiatives have been taken by the institution to promote social-justice and good citizenship amongst its students and staff? How have such initiatives reached out to the community?

Through awareness rally and by Health care camps, the pamphlets and leaf let are issued to the public for health awareness.(For Back Pain, Incontinence, etc..)

- Health education on prevention of communicable, non communicable diseases, safe drinking water, hygiene and sanitation given.
- The students and faculty members participate in conducting health camps, blood donation, screening for Hypertension and Diabetes.
- The Institution promotes social justice and good citizenship among students through lecturers on sociology and physiotherapy ethics, which is a part of Curriculum.

3.6.10. How does the institution align itself with the annual themes/programs of WHO/ICMR?

The college organizes awareness programs and seminar based on the WHO themes.

3.6.11. What is the role of the institution in the following extension activities?

*** Community outreach health programs for prevention, detection, screening, management of diseases and rehabilitation by cost effective interventions.**

- The college has constituted various committees for extension activities incorporating students and faculties. The committee plans the annual calendar of events and ensures faculty and students participation in extension activities.
- The college health camps, rally, Models, Traditional propaganda methods as outreach activities, diagnosis and management of diseases by cost effective interventions.

*** Awareness creation regarding potable water supply, sanitation and nutrition.**

➤ **Sanitation:**

Community awareness through lectures, demonstration and health education on safe drinking water and sanitation.

➤ **Nutrition:**

Demonstration on healthy & hygienic methods of cooking, healthy food consumption by commonly available food materials.

*** Awareness creation regarding water-borne and air-borne communicable diseases.**

The college creates awareness among public through health education.

*** Awareness creation regarding non-communicable diseases - cardiovascular diseases, diabetes, cancer, mental health, accident and trauma, etc.**

The college creates awareness among public through exhibition, Rally, Health education.

*** Awareness creation regarding the role of healthy life styles and physical exercise for promotion of health and prevention of diseases.**

The college conducts awareness programs on healthy life style, healthy habits and important of physical exercise, Yoga and Meditation for promotion health and prevention of disease.

*** Awareness creation regarding AYUSH Systems of medicines in general and / or any system of medicine in particular.**

NIL

*** Complementary and alternative medicine.**

NIL

*** Pharmaco economic evaluation in drug utilization.**

Not Applicable

*** Participation in national programs like Family Welfare, Mother and Child Welfare, Population Control, Immunization, HIVAIDS, Blindness control, Malaria, Tuberculosis, School Health, anti tobacco campaigns, oral health care, etc.**

The College conducted the following National Programmes

- World AIDS Day.
- World Tuberculosis Day.
- World Breast Feeding Week.
- World Mother's Day.
- World Health Day.
- Dengue Fever Awareness Programme.
- World Hypertension Day.
- World Diabetes Day.
- World Physiotherapy Day.

*** Promotion of mental health and prevention of substance abuse.**

Nil

*** Adoption of population in the geographical area for total health care.**

Nil

* **Research or extension work to reach out to marginalized populations.**

- Importance of Posture.
- Importance of Back Care.
- Importance of Fitness.
- Importance of Knee Care.
- Diabetic foot Care.
- Importance of Diet.
- Importance of Exercise in day today life.
- Importance of Breast Feeding.
- Importance of Sanitation.

3.6.12 Do the faculty members participate in community health awareness programs? If yes, give details.

Yes, all the faculty members participate in community health awareness programs.

Programmes details

- ✓ **Neurology Department.**
 - World Hypertension Day.
 - World Stroke Day.
 - World Trauma Day.
- ✓ **Orthopaedic Department.**
 - World Arthritis Day.
 - World Osteoporosis Day.
- ✓ **Cardio-Respiratory Department.**
 - World Tuberculosis Day.
 - World COPD Day.
 - World Asthma Day.
- ✓ **Sports & Musculoskeletal Department.**
 - World Health Day.
- ✓ **Common All Department.**
 - Dengue fever Awareness Programme
 - World AIDS Day
 - World Blood Donation Day
 - Cancer Awareness Programme
 - Free Medical camps In Various Places
 - World Physiotherapy Day.

3.6.13 How does the institution align itself and participate in National program for prevention and control of diseases?

By Participating Physiotherapy Day celebration in the University and also by conducting Awareness programs for preventing and control disease in sister concern institutions.

Programmes details

- World AIDS Day.
- World Tuberculosis Day.
- World Hypertension Day.
- World Breast Feeding Week.
- Cancer Awareness Programme.
- Dengue fever Awareness Programme.
- World Environmental Day.
- World Physiotherapy Day.

3.7 COLLABORATIONS

3.7.1 How has the institution's collaboration with other agencies impacted the visibility, identity and diversity of campus activities? To what extent has the institution benefitted academically and financially because of collaborations?

Yes, our students are academically benefitted by collaboration with other hospitals; student is posted in hospitals for clinical posting in other hospital which helps to improve their knowledge in clinical practices. The linkages are established for innovative curriculum redesign and distinguished skill development in specialty in specialty wise.

3.7.2 Mention specific examples of how these linkages promote

✓ **Curriculum development**

The faculty actively involve with the affiliating university for curriculum development.

✓ **Internship**

The internees utilize hospital collaborations for skill enrichment.

✓ **Internship training.**

- Ganga Hospital Coimbatore.
- NIMHANS, Bangalore.
- Erode Cancer Centre, Thindal.
- Nandha out-patient department.
- Ortho one Hospital.
- Neuro speciality hospital.
- Narayana Hirudhalaya Hospital – Hosur.
- Global Hospital – Chennai.
- LKM Hospital – Erode.

✓ **On-the-job training**

The faculties and the internees get the benefit of job training from collaborations.

✓ **Faculty exchange and development**

NIL

✓ **Research**

All the clinical departments have established linkages for research.

✓ **Publication**

NIL

✓ **Consultancy**

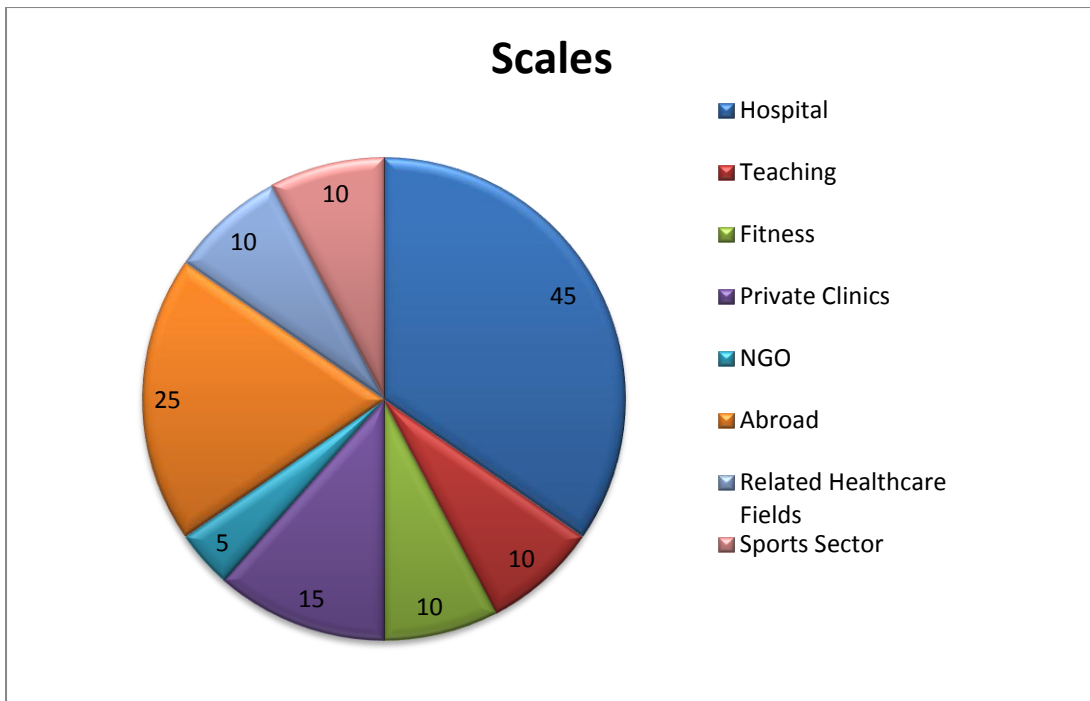
The OPD provides basic Physiotherapy healthcare services and prevention of diseases through active collaboration with the local communities.

✓ **Extension**

The college regularly conducts general and Physiotherapy healthcare camps on regular basis.

✓ **Student placement**

Yes, Institution has benefited with respective student placement in varied hospitals. Through collaborations the college benefits in, Curriculum development via internship, On the Job training for skill enrichment, Research, Consultancy, Extension and Student place.



✓ Any other (specify)

NIL

3.7.3 Has the institution signed MoUs or filed patents with institutions of national/international importance/other universities/ industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the institution?

Yes, we have MOUs to help our students to improve their clinical knowledge during their final years and internship.

3.7.4 Have the institution-industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

No

3.7.5 Give details of the collaborative activities of the institution with the following:

* **Local bodies/ community –**

Camp Details (Refer Q. No: 3.6.1)

* **State government / Central government /NGOs**

Nil

* **National bodies**

Lions club.

* **International agencies**

Nil

* **Health Care Industry – Biomedical, Pharmaceutical, Herbal, Clinical Research Organization (CRO)**

Nil

* **Service sector**

Nil

* **Any other (specify)**

Nil

3.7.6 Give details of the activities of the institution under public-private partnership.

YRC - Details (Refer Q. No: 3.6.3)

*** Any other information regarding Research, Consultancy and Extension, which the institution would like to include.**

Extension Activities

WDC – 2012 – 15

| Sl. No | Activities | Date | Month | Year |
|--------|--|----------------------|----------|------|
| 1 | “Kho – Kho” Competition for girls | 12 | June | 2012 |
| 2 | Issued Dress and donation to old age home and orphanage | 4 | October | 2012 |
| 3 | “Nattupura Kalaikal” Programme | 18 | December | 2012 |
| 4 | Motivational Training Programme (Manju Anand Jaycee, Erode) | 4 | January | 2013 |
| 5 | Go Green Speech Mr. V.B. Nirmal Exonora international Chennai | 29 | January | 2013 |
| 6 | Together of all ladies staff in Nandha Institutions. Principal (NACS) | 2 | February | 2013 |
| 7 | Cancer Awareness Programme on World Cancer Day, Dr. Ponmalar, Director, Erode Cancer Centre Ed | 4 | February | 2013 |
| 8 | Competitions for women’s day Celebration | 25 | February | 2013 |
| 9 | Health & Hygiene guidance Dr. Suseendran President, IMA | 7 | March | 2013 |
| 10 | Psychological counseling Vasugi & Malar Muruges (Psychiatrist) | 8 | March | 2013 |
| 11 | “Kho – Kho” Competition for girls | 10 | June | 2013 |
| 12 | Pamphlets issued – About (Back Pain & Hypertension) | 20 | June | 2013 |
| 13 | Alumni Speech pass out batch (99 Batch – MSS Sangeetha) | 15 | July | 2013 |
| 14 | Issued Dress and donation to old age home and orphanage | 3 | October | 2013 |
| 15 | Health Check – up for girls | 8 | November | 2013 |
| 16 | “Nattupura Kalaikal” Programme | 20 | December | 2013 |
| 17 | Urinary incontinence (Pradeepa) | 4 | December | 2013 |
| 18 | Traditional Games | 10 | January | 2014 |
| 19 | Corporation School Programme on Process | 1 st Week | February | 2014 |

| | | | | |
|----|--|----|-------|------|
| 20 | Women's Day Dr. Kokila (Challenges to become a healthier Women in future | 15 | March | 2014 |
| 21 | Mother's Day Celebration | 23 | June | 2014 |
| 22 | Expert Talk Dr. Shanthi Rajendran (Solution for women's problem) | 23 | June | 2014 |

ECHO 2010 - 2014

| Sl. No | Activities | Date | Month |
|---------------|-----------------------|-------------|--------------|
| 1 | No Smoking Day | 13 | March |
| 2 | Water Day | 22 | March |
| 3 | Forest Day | 23 | March |
| 4 | Earth Day | 22 | April |
| 5 | World Environment Day | 5 | June |
| 6 | Ozone Layer Day | 16 | September |
| 7 | Farmer's Day | 23 | December |

**CRITERION IV:
INFRASTRUCTURE AND LEARNING RESOURCES**

4.1 Physical Facilities

4.1.1 How does the institution plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

The infrastructure committee evaluates the needs of the infrastructure and appropriate expansion is made only after such assessment. The infrastructure complies with regulatory norms and is optimally utilized for its varied activities.

4.1.2 Does the institution have a policy for the creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

Higher Education is a key to fulfilling our intensive and extensive knowledge requirements for research and development. Infrastructure (especially technological infrastructure in present knowledge era) plays a great role (as a tool) to achieve excellence in teaching and research. For purposes of curriculum and examination, our college is affiliated to **The TAMILNADU Dr. M.G.R. Medical University, Chennai**, which therefore decides the syllabus and the academic calendar. However at the institution level, it is our constant endeavor to do as much as we can for the creation and enhancement of infrastructure that facilitate effective teaching and learning. The present set-up is commensurate with our requirements.

- Enrichment of infrastructure with separate PG block.
- Enrichment of library with addition of books and journals.
- Enrichment of lab articles.
- Purchasing of AV aids to support quality teaching.

4.1.3 Has the institution provided all its departments with facilities like office room, common room and separate rest rooms for women students and staff?

Common facilities available in this institution

| | | |
|--|----|-----|
| a) Staff Room in each of the depts. | 04 | YES |
| b) Common Rooms for students | 02 | YES |
| c) Common Room for female staffs | 01 | YES |
| d) Rest Rooms (03 male) +03 (female) | 06 | YES |
| f) Vehicle parking available for both 2w / 4w | | YES |
| g) Guest House | 01 | YES |
| h) Canteen | 01 | YES |
| i) Telephone connections external | 02 | |
| Intercom 16 connections | | YES |
| j) Internet cafe in library | | YES |
| k) Drinking water - filtered water available through | | YES |
| Aqua guard: | 05 | |

4.1.4 How does the institution ensure that the infrastructure facilities are barrier free for providing easy access to college and hospital for the differently-abled persons?

The college meets the needs of the differently abled students by providing wheel chair, ramp and physical assistance to meet the specific needs of the physically disabled transport facility, hostel facility, Bank and ATM facility within the campus & 24hrs emergency vehicle, etc.,

4.1.5 What special facilities are available on campus to promote students' interest in sports and cultural events/activities? sports

The college has always created a niche for itself in the field of sports. The college has been participating in various inter college, intra college tournaments. Since long times in sports, our college provides indoor and outdoor games to the students.

Outdoor Games:

A spacious play ground is available for outdoor games i.e. Cricket, Foot ball, Volley ball, Athletics, Kabadi and Kho-Kho etc. in the college campus.

Indoor Games:

Facilities for the sports like Badminton, Chess, and Carom etc, are also provided to the students in the college campus.

Gymnasium:

Our College has well equipped Gymnasium room with all the modern state of the art equipment for health and hygiene.

Auditorium:

Our College has a modern, well equipped and up to the mark technology enabled auditorium for special seminars. The seating capacity of the hall is around 200 students.

Cultural Activities:

Our college has separate cells namely cultural committee & Women development cell which conduct various events to bring out the talents of the students.

Students participate the events in the college functions like Hostel Day and Physiogala and the winners in various events are awarded.

4.1.6 What measures does the institution take to ensure campus safety and security?

- ✓ The major sensitive items / equipment are kept in the safe custody of the experts.
- ✓ Fire extinguisher, CCTV, compounds and fence coverage
Emergency alarms, securities.
- ✓ 24 x 7 hours security available in the college premises.
- ✓ Installed separate transformer for the college and provision of separate UPS for OPD, computer lab and each department to protect from voltage fluctuation.
- ✓ College has overhead water tank for continuous supply of water, when there is no supply of electricity, we have the provision of direct electricity from the generator.
- ✓ Periodic spraying of insecticides.
- ✓ None is allowed inside the campus without verification.
- ✓ Periodic testing of water and mess.
- ✓ Vehicles are allowed inside the campus with verification and vehicle admit pass.
- ✓ Closed drainage system.
- ✓ Warden is always available.
- ✓ Campus is sealed with fence.
- ✓ Thunder arrester.

4.1.7 Facility of Animal House

NIL

- * Is animal house maintained as per CPCSEA guidelines?
- * Whether records of animal house are maintained for learning and research activities?
- * Does the animal house have approval for breeding and selling experimental animals as per CPCSEA guidelines?

4.1.8 Provide the following details on the use of laboratories / museums as learning resources:

- * Number -10
- * Maintenance and up-gradation
Purchase & condemnation committee's monitor periodically.
- * Descriptive catalogues in museums
Maintained in anatomy & physiology museum
- * Usage of the above by the UG/PG students
Records maintained by concerned laboratories / museums

4.1.9 Dentistry

NIL

- * Dental chairs in clinic – specialty wise
- * Total dental chairs
- * Schedule of chair side teaching in clinics – specialty wise
- * Number of procedures in clinics per month and year
- * Mobile dental care unit
- * Facilities for dental and maxillofacial procedures
- * Dental laboratories

4.1.10 Pharmacy

NIL

- * Pharmaceutical Science Laboratories
- * Museum for drug formulations
- * Machine room
- * Herbarium / crude drug museum
- * Balance room
- * Chemical store
- * Instrumentation facilities
- * Pilot plant
- * Computer aided laboratory

4.1.11 Yoga and Naturopathy

NIL

- * Demonstration hall with teaching facility to cater to the needs of the students.
- * Diet Service Management Department
- * Yoga cum multipurpose hall for meditation and prayer
- * Solarium compatible for multimedia presentation
- * Mud Storage Unit
- * Outdoor Facilities - Walking track with reflexology segment.

- * Swimming Pool
- * Naturopathy blocks

4.1.12 Homoeopathy

NIL

- * Museum and demonstration room (Homoeopathic Pharmacy Laboratory, Pathology Laboratory, Community Medicine, Homoeopathic Materia Medica, Organon of Medicine including History of Medicine)
- * Repertory with Computer Laboratory and Demonstration Room

4.1.13 Nursing

NIL

- * Nursing Foundation Laboratory
- * Medical Surgical Laboratory
- * Community Health Nursing Laboratory
- * Maternal and Child Health Laboratory
- * Nutrition Laboratory
- * Pre clinical Laboratories
- * Specimens, Models and Mannequins

4.1.14 Ayurveda

NIL

- * Herbal Gardens
- * Museum Herbarium
- * Panchakarma Facility
- * Eye Exercises Clinic
- * Kshara Sutra and Agni Karma Setup
- * Ayurveda Pharmacy

4.1.15 Does the institution have the following facilities? If so, indicate its special features, if any.

- * Meditation Hall - Multipurpose hall (Yoga cum meditation hall).
- * Naturopathy blocks - Herbal Garden.

4.1.16 Provide details of sophisticated equipments procured during the last four years.

New Equipments purchased for last academic year 2013-2014 details are maintained by OP Department.

4.2 Clinical Learning Resources

4.2.1 Teaching Hospital

*** Year of establishment**

| | | |
|-----------------------------------|---|------|
| SIMS | – | 2011 |
| Sabari specialty | – | 2004 |
| Neuro specialty hospital | – | 2006 |
| Om Shakthi Hospital | – | 2011 |
| Government Head Quarters Hospital | | |
| Dharshan hospital | - | 2012 |

- * **Hospital institution distance**
 - SIMS – 14Kms
 - Sabari specialty – 15Kms
 - Neuro specialty hospital – 15Kms
 - Om Shakthi Hospital – 18Kms
 - Government Head Quarters Hospital - 15Kms
 - Dharshan hospital – 15Kms
- * **Whether owned by the college or affiliated to any other institution?**
No, not affiliated by the institution.
- * **Are the teaching hospitals and laboratories accredited by NABH, NABL or any other national or international accrediting agency?**
 - SIMS – Applied
- * **Number of beds**
 - SIMS – 300
 - Sabari specialty – 25
 - Neuro specialty hospital – 25
 - Om Shakthi Hospital – 150
 - Government Head Quarters Hospital - 672
 - Dharshan hospital - 25
- * **Number of specialty services**
 - SIMS – 20
 - Sabari specialty – 7
 - Neuro specialty hospital – 5
 - Om Shakthi Hospital – 10
 - Government Head Quarters Hospital -
 - Dharshan hospital - 6
- * **Number of super-specialty services**
Nil.
- * **Number of beds in ICU / ICCU / PICU / NICU, etc.**

| HOSPITAL | ICU | ICCU | PICU | NICU |
|-----------------------------------|-----|------|------|------|
| SIMS | 15 | 15 | 10 | 20 |
| Sabari specialty | 2 | NIL | NIL | NIL |
| Neuro specialty hospital | 3 | NIL | NIL | NIL |
| Om Shakthi Hospital | 5 | 1 | 2 | 2 |
| Government Head Quarters Hospital | 8 | NIL | NIL | 15 |
| Dharshan hospital | 2 | NIL | 1 | 1 |

- * **Number of operation theatres**

| HOSPITAL | Major | Minor |
|-----------------------------------|-------|-------|
| SIMS | 2 | 1 |
| Sabari specialty | 1 | 1 |
| Neuro specialty hospital | 1 | 1 |
| Om Shakthi Hospital | 2 | 1 |
| Government Head Quarters Hospital | 1 | 1 |
| Dharshan hospital | 1 | 1 |

| | | |
|---|---|------------|
| * Number of Diagnostic Service Departments | | |
| SIMS | – | 9 |
| Sabari specialty | – | 2 |
| Neuro specialty hospital | – | 4 |
| Om Shakthi Hospital | – | 4 |
| Government Head Quarters Hospital | – | 4 |
| Dharshan hospital | – | 2 |
| * Clinical Laboratories | | |
| SIMS | – | 2 |
| Sabari specialty | – | NIL |
| Neuro specialty hospital | – | NIL |
| Om Shakthi Hospital | – | NIL |
| Government Head Quarters Hospital | – | Available |
| Dharshan hospital | – | NIL |
| * Service areas viz. laundry, kitchen, CSSD, Backup power supply, AC plant, <i>Manifold Rooms</i>, pharmacy services | | |
| SIMS | - | Available |
| Sabari specialty | - | Available |
| Neuro specialty hospital | - | Available |
| Om Shakthi Hospital | - | Available |
| Government Head Quarters Hospital | - | Available |
| Dharshan hospital | - | Available |
| * Blood Bank services | | |
| SIMS | - | NIL |
| Sabari specialty | - | NIL |
| Neuro specialty hospital | - | NIL |
| Om Shakthi Hospital | - | NIL |
| Government Head Quarters Hospital | - | Available. |
| Dharshan hospital | - | NIL |
| * Ambulance services | | |
| SIMS | - | Nil |
| Sabari specialty | - | Available |
| Neuro specialty hospital | - | Available |
| Om Shakthi Hospital | - | Available |
| Government Head Quarters Hospital | - | Available |
| Dharshan hospital | - | NIL |
| * Hospital Pharmacy services | | |
| SIMS | - | Nil |
| Sabari specialty | - | Nil |
| Neuro specialty hospital | - | Nil |
| Om Shakthi Hospital | - | Nil |
| Government Head Quarters Hospital | - | Available |
| Dharshan hospital | - | Available |
| * Drug poison information service | | |
| SIMS | - | Nil |
| Sabari specialty | - | Nil |
| Neuro specialty hospital | - | Nil |
| Om Shakthi Hospital | - | Nil |
| Government Head Quarters Hospital | - | Available |
| Dharshan hospital | - | Available |

* **Pharmacovigilance**

| | | |
|-----------------------------------|---|-----------|
| SIMS | - | Nil |
| Sabari specialty | - | Nil |
| Neuro specialty hospital | - | Nil |
| Om Shakthi Hospital | - | Nil |
| Government Head Quarters Hospital | - | Available |
| Dharshan hospital | - | Available |

* **Mortuary, cold storage facility**

| | | |
|-----------------------------------|---|-----------|
| SIMS | - | NIL |
| Sabari specialty | - | NIL |
| Neuro specialty hospital | - | NIL |
| Om Shakthi Hospital | - | NIL |
| Government Head Quarters Hospital | - | Available |
| Dharshan hospital | - | NIL |

* **Does the teaching hospital display the services provided free of cost?**

Erode Government Head Quarters Hospital provides treatment free of cost; all other affiliated private hospitals render medical health service under chief minister health scheme.

* **What is the mechanism for effective redressal of complaints made by patients?**

All affiliated hospital has complaint box, immediate necessary action is taken for oral complaints are received by the management during their regular rounds and during the discharge of each patients.

* **Give four years statistics of inpatient and outpatient services provided.**

Nil

* **Does the hospital display charges levied for the paid services?**

In GH has CT scan and MRI scan payment is displayed and other services are not displayed in the hospital.

* **Are the names of the faculty and their field of specialization displayed prominently in the hospital?**

Yes, all the affiliated Hospitals have displayed their faculty with their field of specialization.

* **Is the pictorial representation of the various areas of the hospital displayed in a manner to be understood by illiterate patients?**

Yes, all the affiliated hospital has adequate display of the hospital in an understandable manner.

* **Is there a prominent display of ante-natal, mother and child health care facilities?**

Yes, in government quarter hospital has displayed the care rendered for the antenatal and child health care.

* **How does the hospital ensure dissemination of factual information regarding rights, responsibilities and the health care costs to patient and the relatives/attendants?**

Yes, all the affiliated hospital provides information regarding rights and responsibilities to the client through boards displayed and they intimate the health care cost if any.

*** How does the hospital ensure that proper informed consent is obtained?**

Yes, all the affiliated hospital gets proper informed consent through structured consent form.

*** Does the hospital have well-defined policies for prevention of hospital-acquired infections?**

Yes, the affiliated hospitals have well developed policies in preventing nosocomial infections.

*** Does the hospital have good clinical practice guidelines and standard operating procedures?**

All the affiliated hospital follows good clinical practices guidelines and standards operating procedures as per Medical Council of India

*** Does the hospital have effective systems for disposal of bio-hazardous waste?**

Separate personnel's in the affiliated hospital are being the in charge for maintaining the effective disposal of bio hazardous waste.

Color Coding System

| | | |
|-------------------------|---|----------------|
| Medical/Biohazard Waste | - | Red |
| Hazardous Drug | - | Yellow |
| General | - | Black |
| Recycle | - | Clear / Marked |

All General Waste is Contained In Black Bags for Proper Identification. Always Wear the Appropriate PPE When Handling

*** How does the hospital ensure the safety of the patients, students, doctors and other health care workers especially in emergency department, critical care unit and operation theatres? Are the safety measures displayed in the relevant areas?**

Yes, the affiliated hospital maintains all the necessary measures for the safety of the doctors, patients, students, other health care departments especially in the emergency and critical care department by providing mask, gloves, gowns, caps, antiseptic lotions, proper hand washing facilities, fire alarms, and fire extinguishers. The articles used in emergency, critical care, and operation theatres are either disposables and autoclaved properly. The safety measures are displayed in all the areas.

*** How are the Casualty services/Accident and Emergency Services organized and effectively managed?**

The casualty is received in emergency immediately and the concern specialist doctors are informed and the casualties effectively managed.

*** Whether the hospital provides patient friendly help-desks at various places.**

YES (in tie up hospitals)

Does the hospital have medical insurance help desk?

YES (in tie up hospitals)

*** What are the other measures taken to make the hospital patient friendly?**

Through dedicated staff members and health care personnel's and volunteers the hospitals are made patient friendly.

*** How does the hospital achieve continuous quality improvement in patient care and safety?**

The affiliated hospital conducts various internal rounds and audits to ensure continuous quality improvement in patient care and safety.

*** What are the measures available for collecting feedback information from patients and for remedial actions based on such information?**

Suggestion boxes are kept in all the floors and feedback is got from the patient through regular rounds and during the time of discharge. The remedial actions are taken after careful inquiry.

*** How does the institution ensure uniformity in treatment administered by the therapists?**

The institution ensures uniformity in treatment administered by the therapists through standardized protocols.

*** Does the institution conduct any orientation training program for AYUSH-based Para-Medical staff?**

NIL

4.2.2 What specific features have been included for clinical learning in the out-patient, bedside, community and other clinical teaching sites?

Case based learning and evidenced based learning, physiotherapy rounds, ward teaching, Clinical Presentation, Bedside Teaching, Demonstration, Home visit Mass Health Education, problem based learning, project, immunization programme included for clinical learning in the outpatient bedside, community and other clinical teaching sites.

4.3 LIBRARY AS A LEARNING RESOURCE

4.3.1 Does the library have an Advisory Committee? Specify the composition of the committee. What significant initiatives have been implemented by the committee to render the library student/user friendly?

YES

Composition Library Advisory Committee

- | | |
|----------------------------------|--------------------------|
| a) Prof. V. Manivannan, | Principal |
| b) Prof. R. Saravanakumar, | Vice-Principal |
| c) All HOD's – | |
| Cardio | – Prof. R. Saravanakumar |
| Ortho | – Prof. V. Manivannan |
| Neuro | – Prof. V. Vijayaraj |
| Sports | – Asst.Prof.T.Loganathan |
| d) Librarian | – Mr. Mahalingam |
| e) One UG student invitee member | – Ms.Priya |
| f) One PG student invitee member | – Ms.Cilla Joseph. |

Objectives and Accountability

- Discussion takes place regarding text books and reference books according to the syllabus twice in an academic year at the time of board meeting by Library Advisory Committee member of each department in the presence of Chairman of the advisory committee.
- Discussion takes place regarding recommendations for subscribing National and International print Journals and Magazines as well as e-journal packages once in a calendar year.

- The library advisory committee should thoroughly evaluate the inputs of various departments under learner and advanced learner centered perceptive.

Mechanism

This committee should meet once in 6 months and submit reports with necessary recommendations once in year to the Administrative officer & management.

Improvements in the library services:

New books/journals subscribed.

Submits compliance Checklist of library to IQAC.

4.3.2 Provide details of the following:

- * **Total area of the library (in Sq. Mts.)**

| | | |
|---------|---------------|---------|
| Library | 30'0" X 77'0" | 2310.00 |
|---------|---------------|---------|

- * **Total seating capacity** - 50 members.
- * **Working hours (on working days, on holidays, before examination, during examination, during vacation)**

The Library Facilities starts from 9.00 A.M. to 7.00P.M, throughout the year, except our College Holidays, to facilitate our members of faculty and students in utilizing resources of knowledge, information and data. The library maintains inter library borrowing facility.

- * **Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)**

The library which is very well ventilated and illuminated even in case of power-cuts. The book reading section is separated from the journal reading section & news paper reading section.

The library has adequate Audio-Visual aids.

- * **Clear and prominent display of floor plan; adequate sign boards; fire alarm; access to differently-abled users and mode of access to collection**

Floor plan & sign boards are present at the entrance of the college.

Fire alarms placed in all floors.

Wheel chair & Ramp facilities available for differently-abled.

- * **List of library staff with their qualifications**

| Sl. No | Name | Qualification | Designation |
|--------|-------------------|---------------------|-------------|
| 1 | Mr. D. Mahalingam | M.L.I.S., M. Phil., | Librarian |

4.3.3 Give details of the library holdings:

- * **Print (books, back volumes, thesis, journals)**

| | | |
|--------------|---|-------|
| Books | - | 4000. |
| Back volumes | - | NIL |
| Thesis | - | NIL |
| Journals | | |
| Indian | - | 7 |
| Foreign | - | 2 |

- * **Average number of books added during the last three years**

| Sl. No | Year | Books |
|--------|------|-------|
| 1 | 2014 | 264 |
| 2 | 2013 | 110 |
| 3 | 2012 | 222 |

- * **Non Print (Microfiche, AV) – Not Available**
- * **Electronic (e-books, e-journals) – Available.**
- * **Special collections (e.g. text books, reference books, standards, patents) - Not Available**
- * **Book bank - Not Available**
- * **Question bank last ten years question papers are maintained.**
Available

4.3.4 To what extent is ICT deployed in the library? Give details with regard to

- * **Library automation** : Available
- * **Total number of computers for general access**
-25
- * **Total numbers of printers for general access**
-One
- * **Internet band width speed** □ 2mbps □ 10 mbps □ 1 GB
5mbps
- * **Institutional Repository**
Available.
- * **Content management system for e-learning**
E-Journals & DELNET
- * **Participation in resource sharing networks/consortia (like INFLIBNET)**

| | | |
|-------------------------|---|-------------------|
| Computers | – | 50 |
| Internet | - | 50 |
| Band width | – | Readilink 5(MBPS) |
| Reprographic facilities | – | 1 |

4.3.5 Give details of specialized services provided by the library with regard to

- * **Manuscripts**
- * **Reference** : Projects reports, Question Banks, Back Volumes, News Clipping collections
- * **Reprography / scanning** Available, For Scanning & making Xerox of all Library documents.
- * **Inter-library Loan Service** → NIL
- * **Information Deployment and Notification**
The information is deployed through Circular, Notice board in the Library.
- * **OPACS** - Available.
- * **Internet Access:** Available
- * **Downloads** - Available
- * **Printouts** - Available
- * **Reading list/ Bibliography compilation** - Available.

- * **In-house/remote access to e-resources** – Available.
- * **User Orientation** – The library is made user oriented by Circulating new catalogues displaying lists in the departments, displaying new arrivals list on the notice board and e mailing the same to the concern department. displaying the new arrivals in the new arrival rack.
- * **Assistance in searching Databases** - Available.
- * **INFLIBNET/HELINET** - e consortium Available under The Tamilnadu Dr. M.G.R. Medical University.

4.3.6 Provide details of the annual library budget and the amount spent for purchasing new books and journals.

| | | |
|------------------|---|------------|
| 1. Annual Budget | : | 3,00,000/- |
| 2. Books | : | 2,00,000/- |
| 3. Journals | : | 1,00,000/- |

4.3.7 What are the strategies used by the library to collect feedback from its users? How is the feedback analysed and used for the improvement of the library services?

Feed back collected from students & faculties through the feedback form, and it was analysed by library advisory committee. Efforts will be taken for the Improvement.

4.3.8 List the efforts made towards the infrastructural development of the library in the last four years.

Library extension, Purchase of chairs, Racks, Xerox Machine.

4.4 IT Infrastructure

4.4.1 Does the institution have a comprehensive IT policy with regard to?

- * **IT Service Management** - Maintained by our own faculties.
- * **Information Security** - Separate pass words for internal & external access.

* **Network Security**

The college has installed the hardware based KASPERSKY Firewall systems for network monitoring and traffic regulations in LAN

1. The Firewall is configured to provide IP address to each computer by using MAC binding and no other person can use the same IP Address to connect to the network.
2. It has an ability to control blocking of Sites, viruses, adware, spywares, etc. when any person tries to download data from internet.

- * **Risk Management** – UPS facility, Air conditioned, file backups, generator, licensed software (like Kaspersky antivirus).

- * **Software Asset Management** - Available

- * **Open Source Resources**

- * **Green Computing**

4.4.2 How does the institution maintain and update the following services?

NIL

- * Hospital Management Information System (HMIS)
- * Electronic Medical Records System (EMR)
- * Digital diagnostic and imaging systems including PACS

4.4.3 Give details of the institution’s computing facilities i.e., hardware and software.

* Number of systems with individual configurations

| Configuration | Numbers |
|---|---------|
| COMPUTER LAB | |
| Pentium - 4 processor,80GB ,key board, mouse, monitor 14” | 25 |
| Language LAB | |
| Intel core i3 processor,500GB, key board, mouse, monitor 21” | 5 |
| OTHERS | |
| Intel core i3 processor,500GB, key board, mouse Monitor 21” | 20 |
| Intel Core 2 duo processor,500GB,Key board , mouse, monitor 21” | |

* **Computer-student ratio**

The computer student ratio is 1: 3.

* **Dedicated computing facilities**

50 computers are connected to the internet in the whole campus

* **LAN facility**

All the computer systems in the lab are connected via LAN with adequate cabling and hubs/switches.

* **Wi-Fi facility - Available**

* **Proprietary software**

| S. No. | Name of the Software |
|------------------------|-----------------------------|
| SYSTEM SOFTWARE | |
| 1 | Windows XP Operating System |
| 2 | Adobe Reader 9 |
| 3 | Turbo C for Windows |
| 4 | MS-Office 2007 Professional |
| 5 | Adobe PageMaker 7 |
| 6 | Adobe Photoshop CS3 |
| 7 | FLASH |
| 8 | English Master |
| 9 | Kaspersky Antivirus |

* **Number of nodes/ computers with internet facility**

50 computers provided with Internet facility.

Any other (specify)

4.4.4 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The College is going to establish more smart class rooms, 3G Wi-Fi services, more computers in NRC, deploy CCTV on the important places in the college, and going to purchase licensed software and develop the e-library.

4.4.5 Give details on access to on-line teaching and learning resources and other knowledge and information database/packages provided to the staff and students for quality teaching-learning and research.

- The institution encourages students and faculty for learning
- (Teaching and research) such as:
- NRC (Network Resource Centre)
- Fully Air Conditioned Computerized Lab
- (Comprising computer, printer and scanner)
- Library (Institutional library and Departmental Library)
- Smart Class Room
- Wi-Fi connection
- Reading Room
- Seminar Hall

4.4.6 What are the new technologies deployed by the institution in enhancing student learning and evaluation during the last four years and how do they meet new / future challenges?

- High speed 5 mbps broad band internet facility with Wi-Fi available in the college
- The campus equipped with latest computer configuration with new operating system and application which will be useful to students to learn through internet
- The college also has implemented Kaspersky firewall system for high level security.

4.4.7 What are the IT facilities available to individual teachers for effective teaching and quality research?

Each department is provided with computer / laptop with internet connectivity, Staff rooms are equipped with LAN facilities and latest computer configuration. Smart Class available for effective teaching and research.

4.4.8 Give details of ICT-enabled classrooms/learning spaces available within the institution. How are they utilized for enhancing the quality of teaching and learning?

The Institution utilize ICT Enabled Class Rooms for quality teaching and learning using video films, power point presentations, Languages skill videos.

4.4.9 How are the faculty assisted in preparing computer-aided teaching-learning materials? What are the facilities available in the institution for such initiatives?

The Institution provides computers with high speed broad band internet facility to the faculty members in their staff rooms to prepare computer aided teaching materials. The institution has Wi – Fi facilities and also the faculties utilizes LCD projectors for taking classes.

4.4.10 Does the institution have annual maintenance contract for the computers and its accessories?

The maintenance is done through the required personnel availed by the institution regularly.

4.4.11 Does the institution avail of the National Knowledge Network (NKN) connectivity? If so, what are the services availed of?

The university prescribed networks is usually referred to by the college. Moreover the university website has access to the NKN which is subscribed to the teachers and the students.

4.4.12 Does the institution avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?

The college has provided the username and password to browse internet for students and faculty members to access online educational resources, Wikipedia, Google search and they utilize in making use of teaching learning materials.

Web access has been provided for seeing their results, journal review, review of scholarly published articles etc.

4.4.13 Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the institution.

| Year | Procurement/ Deployment (Rs) | Maintenance/ Up gradation (Rs) |
|--------------|---|---|
| 2011-2012 | 3,00,000 | 75,000 |
| 2012-2013 | 2,50,000 | 50,000 |
| 2013-2014 | 2,00,000 | 50,000 |
| Total | 7,50,000 | 1,75,000 |

4.4.14 What plans have been envisioned for the transfer of teaching and learning from closed institution information network to open environment?

The college is connected to LAN Network and Wi – Fi for the transfer of teaching and learning from closed institution information network to the open environment.

4.5 Maintenance of Campus Facilities

4.5.1 Does the institution have an estate office / designated officer for overseeing the maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

Campus Administrator is available for buildings, class – rooms and laboratories Electrical, Carpentry, Plumbing, Engineering, Mechanical, Civil, Computer related works.

4.5.2 How are the infrastructure facilities, services and equipments maintained? Give details.

The institution judiciously allocates the financial resources for the maintenance of the following facilities. The actual budget is provided against each item in balance sheet.

4.5.3 Has the institution insured its equipments and buildings?

Yes, the institution has insured equipments and buildings using Universal Sompo General Insurance Co – Limited.

Any other information regarding Infrastructure and Learning Resources which the institution would like to include.

**CRITERION V:
STUDENT SUPPORT AND PROGRESSION**

5.1 Student Mentoring and Support

5.1.1 Does the institution have a system for student support and mentoring? If yes, what are its structural and functional features?

For the student support & mentoring we followed the Proctor scheme. In this, the students are divided to a staff by randomly 9:1 ratio. Here the student's details such as academic, co-curricular activities, peer behavior & personal details are monitored & personal counseling is given by the staff in charge.

5.1.2 Apart from classroom interaction, what are the provisions available for academic mentoring?

The college mentors the students by the help of Proctor scheme and the Class monitoring committee.

5.1.3 Does the institution have any personal enhancement and development schemes such as career counseling, soft skills development, career-path-identification, and orientation to well-being for its students? Give details of such schemes.

Career counseling: The final year students are given counseling once in a month by the training and placement cell.

Career-path-identification: Career training is provided through out internship postings in varied departments. The interns are provided with two days induction programme as value added course to make them a successful self employed personal.

Soft skills development: The College conducts numerous sessions on personality developments such as leadership, communication skills, problem solving skills, decision making, time management and working with group as value added activities.

Orientation to well-being: Students are given lectures on Decision Making and Life Style Modifications for better living and such similar lectures are organized.

5.1.4 Does the institution have facilities for psycho social counseling for students?

Yes, Academic and personal counseling are provided through the programme by the faculty members and through mentorship activities. All the departments have implemented continuous performance assessments cards by which under performers are identified and appropriate measures initiated have a remedial drill. Faculty participation in academic and personal counseling is continuous and ongoing process throughout the program by the teachers, mentorship, underperformers middiagnostic survey, remedial drill, continuous performance assessment in all the departments, parent teacher interaction provide total academic and personal counseling. About 9 students are mentored by a teacher.

5.1.5 Does the institution provide assistance to students for obtaining educational loans from banks and other financial institutions?

Yes, our college issues bonafide for the tuition fees, hostel fees, book fees, exam fees, and all documents required by the bank . Our college provides the students the details about the banks which are giving educational loans in the surrounding localities.

5.1.6 Does the institution publish its updated prospectus and handbook annually? If yes, what are the main issues / activities / information included / provided to students through these documents? Is there a provision for online access?

Yes, updated students hand book provides clear information to students about admission, complete requirement for all programs, financial aid and student support services, library information, rules of the college, list of awards and research funds, etc.

5.1.7 Specify the type and number of institution scholarships / free ships given to the students during the last four years. Was financial aid given to them on time? Give details. (in a tabular form)

| Year | Total no of students | | Fee concession (above 75%) | Free scholarship | Amount |
|-----------|----------------------|----|----------------------------|------------------|--------|
| 2010-2011 | UG | 8 | 1 | NIL | 6000 |
| | PG | 10 | NIL | NIL | NIL |
| 2011-2012 | UG | 16 | 0 | NIL | Nil |
| | PG | 10 | NIL | NIL | NIL |
| 2012-2013 | UG | 50 | 1 | NIL | 11,000 |
| | PG | 10 | NIL | NIL | NIL |
| 2013-2014 | UG | 49 | 2 | NIL | 18,000 |
| | PG | 8 | NIL | NIL | NIL |

5.1.8 What percentages of students receive financial assistance from state government, central government and other national agencies?

The college provides assistance to these students, which is received from Central Govt., State Govt., and Other agencies like Vijayalakshmi Trust.

State government scholarship for SC & ST UG student's details

| YEAR | NO OF STUDENTS | PERCENTAGE |
|-----------|----------------|------------|
| 2011-2012 | 2 | 13% |
| 2012-2013 | 6 | 12% |
| 2013-2014 | 4 | 08% |

5.1.9 Does the institution have an International Student Cell to attract foreign students and cater to their needs?

No

5.1.10 What types of support services are available for

*** overseas students**

Single window services are provided to overseas students. They are assisted by giving needy information, assistance in police clearance, domestic assistance, and priority in allocating hostels and are made feel at home. Complete, hygienic and fully furnished hostel is provided by the management for both boys and girls separately. The rooms are safe, secure, clean and airy. Students enjoy delicious, quality and homely vegetarian and non-vegetarian food. Menu is prepared to satisfy the taste of all students. Their stay in the hostel enables them to imbibe a different life style and involve in activities

such as yoga, meditation, sports, music etc., suiting to their individual taste and preferences. Overseas students are given support during their starting period of college days in adapting to the new environment. This is being done by every faculty. In addition, the college gives special assistance to overcome language barriers.

* **Physically challenged / differently-abled students.**

The institute considers the differently –abled as gifted child.

However facilities like wheel chair and physical assistance wherever required is provided on priority.

* **SC/ST, OBC and economically weaker sections.**

The placement cell guides the weaker sections by career pathway identification in getting government jobs.

* **Students participating in various competitions/conferences in India and abroad**

College distinguishes the concealed talents of the students and promotes them to participate in various level competitions held in different states.

* **Health centre, health insurance etc.**

The students are insured every year. Periodic blood donation camp has been organized by our college. Our institution incorporates nursing, pharmacy for medical assistance to students. Emergency vehicle is available to take students to hospital accompanied with a staff member. The college has the special concern for health and sanitation for students and staff and college organizes health check up camps, where local physician visits and keeps a strict watch on the health of students. Purified drinking water facility is properly arranged in the college campus at different locations.

* **Skill development (spoken English, computer literacy, etc.)**

Library supplements the required material for students, by which they sharpen their spirits. Students have half an hour to read English news paper to enhance communication. The institution has soft skill training sessions which are carried out as curriculum on every day classes. We have trainers for spoken English and Aptitude. Language lab is obtainable for developing soft skills.

* **Performance enhancement for slow learners.**

Weak students are identified and special coaching classes are provided to improve their academic performance .Tests are conducted on weekly basis.

* **Exposure of students to other institutions of higher learning/ corporates/business houses, etc.**

The students visit reputed hospitals, fitness centers, nearby physiotherapy rehabilitation units to enrich to their knowledge in the field.

* **Publication of student magazines, newsletters.**

❖ The students are encouraged by the staff members to publish materials like catalogues, wall magazines and college magazine, etc.

❖ The students have contributed liberally to create the articles, poems, essays etc to the college magazine.

❖ They are also encouraged to participate in poster presentations and paper presentation at other colleges & hospitals periodically.

❖ The college annually publishes magazines which prove the literary skills of the students and is a record of the cultural, sports and other activities conducted in the college.

- ❖ YRC periodically circulates reading materials to the students on diverse issues of general interest.
- ❖ Every department has notice board for displaying academic activities, job vacancies and new trend information.
- ❖ Our college achievements are also highlighted in the institution's news letter "NANDHA TIMES".

5.1.11 Does the institution provide guidance and/or conduct coaching classes for students appearing for competitive examinations (such as USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS)? If yes, what is the outcome?

The college encourages students to appear for IELTS and TOEFL. Appropriate books for such training are made available in the library.

5.1.12 Mention the policies of the institution for enhancing student participation in sports and extracurricular activities through strategies / schemes such as

*** additional academic support and academic flexibility in examinations**

There is no academic flexibility for students however the students, who are all going to sports activity participation, are marked them as leave and the classes they have missed are taken to the students additionally during weekends.

*** special dietary requirements, sports uniform and materials**

For the sports persons special uniforms are distributed and required materials are obtained and given. On such occasion nutritious diet such as healthy and energy drink rich in protein; minerals are provided during practice and actual matches.

*** any other (specify)**

5.1.13 Does the institution have an institutionalized mechanism for student placement? What are the services provided to help students identify job opportunities, prepare themselves for interviews, and develop entrepreneurship skills?

The placement cell continuously provides information on job opportunities. The college conducts and motivates self employment of the outgoing graduates by conducting 2 days programme on self employment. The programs offered for professional courses. 100% of the passed graduates either settle in practice or choose to join post graduate education.

Placement cell is headed by the principal. Job opportunities, higher earning, how to establish private clinic are oriented by this cell. Students are appropriately counselled. Job notifications and opportunities are notified.

5.1.14 How does the institution provide an enriched academic ambience for advanced learners?

- Guidance and counseling to get distinction.
- Motivation.
- Opportunity to assist instructors in academic activities.
- Involved in peer mentoring of the Students.
- Institutional awards and proficiency certificates are given to meritorious students and advanced learners.

5.1.15 What percentage of students drop-out annually? Has any study been conducted to ascertain the reasons and take remedial measures?

Dropout percentage

| Course | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 |
|--------|-----------|-----------|-----------|-----------|
| B.P.T | NIL | 6% | 8% | 2% |
| M.P.T | NIL | 20% | NIL | NIL |

The effort made by the institution to minimize the dropout are, personal counseling, Principal's interaction with the parents and such similar activities.

5.1.16 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus during the last four years).

| Sl. No | Name of the Employer | Date of Campus Interview | Number of students attended | | Number of students selected |
|--------|---------------------------------------|--------------------------|-----------------------------|----|-----------------------------|
| 1 | L.K.M HOSPITAL, ERODE. | 17/9/10 | UG | 19 | 2 |
| | | | PG | 6 | 0 |
| 2 | FITNESS ONE Pvt LTD. | 22/9/11 | UG | 5 | 4 |
| | | | PG | 6 | 1 |
| 3 | SUDHA HOSPITAL, ERODE. | 29/9/12 | UG | 12 | 2 |
| | | | PG | 7 | 0 |
| 4 | SNAP FITNESS, COIMBATORE. | 17/9/12 | UG | 12 | 3 |
| | | | PG | 6 | 0 |
| 5 | RECOUB REHABILITATION UNIT ,BANGALORE | 13/9/13 | UG | 13 | 2 |
| | | | PG | 4 | 0 |
| 6 | VIVKANANDHA HOSPITAL , TRICHENGODU | 28/9/13 | UG | 13 | 3 |
| | | | PG | 3 | 0 |

5.1.17 Does the institution have a registered Alumni Association? If yes, what are its activities and contributions to the development of the institution?

Yes, we have a registered Alumni Association under the Tamil Nadu Societies Registration Act, 1975 (Tamil Nadu Act 27 OF 1975) at Erode on 30th July 2014.

Contribution of alumni to the growth and development of the institution.

The alumni give feedback on programs, competencies gained and contribution for curricular redesign and development. They participate in academic activities conducted through CPE for mutual academic exchange.

5.1.18 List a few prominent alumni of the institution.

| Sl. No | Name of the Alumni | Batch | Designation | Working place |
|--------|-------------------------|-------|------------------------|---|
| 1 | ARUMUGASAMY | 1994 | Managing Director | SIVASAKTHI HI-TECH PHYSIOTHERAPY HOSPITAL, Bhavani. |
| 2 | GRISH G KRISHNAN | 1994 | Senior Physiotherapist | Hamad medical corporation, Qatar |
| 3 | R.SENTHILKUMAR | 1996 | Managing Director | Image fitness center, Coimbatore |
| 4 | BASIL JABESALIN DURAI.A | 1997 | Principal | Christian College Of Physiotherapy, Nagarcovil |

5.1.19 In what ways does the institution respond to alumni requirements?

Alumni meets are conducted and the alumni interact with present Principal, administrative officers, faculty members and students and give their valuable suggestions.

5.1.20 Does the institution have a student grievance redressal cell? Give details of the nature of grievances reported. How were they redressed?

The college has grievance redressal cell to deal with the day to day problems of the stake holders including students, staff and patients. The complaint redressal document has clearly set mechanism to address such issues. No such grievances has occurred in past.

5.1.21 Does the institution promote a gender-sensitive environment by (i) conducting gender related programs (ii) establishing a cell and mechanism to deal with issues related to sexual harassment? Give details.

Yes, women development cell for prevention / action against sexual harassment of women students is constituted with student representation on committees. So far no such incidence has happened.

The college has WDC constituted a committee for the prevention of harassment of female students headed by Ms. P.Selvi. She is the convener of the committee and nominated faculty members to assist the convener. The cell attends to any specific complaints in this regard. The committee organized seminars to create awareness about the laws related to sexual harassment and how to prevent occurrence of an offence.

Vision

- To improve medical care and health standards, thereby creating healthy and culturally acceptable lifestyles.
- To provide women with new skills, boost skill levels, this represents prerequisites for the social participation and better living standard.

Activities:

Discipline committee keeps vigilance on the campus to prevent possible sexual harassment to students. However, no serious incident of such offence has been reported in the college.

| DATE | RESOURCE PERSON | TOPIC |
|------------|---|---|
| 04.01.2013 | Ms.Manju Anand, JAYCEE, Erode | Motivational Training Programme. |
| 29.01.2013 | Mr.V.B.Nirmal, Exnora International, Chennai, | Go Green Speech. |
| 04.02.2013 | Dr.A.Ponmalar, Director, Erode Cancer Centre, Erode | Cancer Awareness Programme On World Cancer Day. |
| 07.03.2013 | Dr.Suseendran President, IMA, | Health and Hygiene guidance. |
| 08.03.2013 | Ms.Vasugi, and Ms. Malar Muruges, Psychologist | Psychological counseling. |
| 04.12.2013 | Ms .Pradeepa Surendran | Urinary incontinence. |
| 15.03.2014 | Dr .Kokila | Challenges to be faced to become a healthier women in future. |
| 23.06.2014 | Dr. Shanthi Rajendran | Mothers day celebration. (Solutions for Women's problem.) |

5.1.22 Is there an anti-ragging committee? How many instances, if any, have been reported during the last four years and what action has been taken in these cases?

Yes, there is an anti-ragging committee headed by Local police Inspector and College principal under the guidance of Mr.R.SARAVANAKUMAR & P.SELVI who the head of the committee. A board representing phone numbers is displayed informing the students to seek help in any case emergency.

The college is very cautious regarding this menace. The head of the institution and faculty members check the students, make surprise visits and maintain interaction with the freshers. Till date, no incident of ragging has been reported.

5.1.23 How does the institution elicit the cooperation of all its stakeholders to ensure the overall development of its students?

Meetings are conducted regularly for the alumni, parents, students, patients and resource persons, and their suggestions are taken into considerations.

5.1.24 How does the institution ensure the participation of women students in intra- and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.

The intra- and inter-institutional sports competitions and cultural activities are conducted by the women development cell. The details of various sports and cultural activities for women are mentioned below.

| DATE | Cultural / Sports event | participants |
|--|--|--------------|
| 12.06.2012 | Kho –kho competition for girls. | 25 |
| 12.12.2012 13.12.2012 14.12.2012 | Physiogala-12 cultural competitions | 25 |
| 18.12.2012 | Nattupura kalaikal programme. | 25 |
| 25.02.2013 | Competitions for Women's day Celebration | 25 |
| 10.06.2013 | Kho –kho competition for girls. | 45 |
| 11.12.2013 12.12.2013 13.12.2013 | Physiogala -13 cultural competitions | 45 |
| 20.12.2013 | Nattupura kalaikal programme. | 45 |
| 10.01.2014 | Traditional games | 45 |

5.1.25 Does the institution enhance the student learning experience by providing for rotation from the teaching hospital to the community and district hospital during the internship period?

As per the university regulation, the students are placed under a compulsory rotatory internship programme in various speciality hospitals in and out of the state.

The Tamilnadu Dr. M.G.R Medical University Internship schedule for B.P.T

All candidates, admitted to Bachelor of Physiotherapy Degree Course shall undergo Six (6) months of physiotherapy internship in the Institution when he/she has studied after successful completion of the final examination in the following clinical areas.

1. Department of orthopedics & Traumatology – 30 days.
2. Department of Cardio pulmonary Sciences – 30 days.
3. Department of Neurology – 30 days.
4. Rheumatology – 15 days.
5. Geriatrics – 10 days.
6. Obstetrics & Gynaecology – 7 days.
7. Pediatrics – 7 days.
8. Oncology – 7 days.
9. Burns and Plastic surgery – 14 days.
10. Physical Medicine and Rehabilitation – 30 days.

Our students are posted for Six (6) months of physiotherapy internship in hospitals like;

- Ganga hospital, Coimbatore.
- Orthoone hospital, Coimbatore.
- Kongunadu hospital, Coimbatore.
- Global hospital, Chennai.
- Adyar cancer institute, Chennai.
- Erode cancer institute, Erode.
- NARAYANA Hirudhalaya hospital, Hosur.
- NIMHANS, Bangalore.
- Nandha OPD, Erode.
- Meenakshi mission hospital, Madurai.

5.1.26 Does the institution have immunization policy for its students and staff?

The institution follows the university eligibility criteria for the students and the staff. It is as follows;

The B.P.T & M.P.T students are asked to submit the physical fitness certificate & blood group certificate to The Tamilnadu Dr.M.G.R medical university on joining the course.

The staff is also asked to submit the blood group certificate to the institution.

5.1.27 Does the institution give thrust on students growth in terms of:

* **Physical development,**

Intra & inter college sports Meets and sports day are conducted every year.

* **Emotional control**

The students are referred for psychological counseling in the institution by the Psychologist.

* **Social dimension**

Our college provides social interactions by our OPD and conducting health awareness physiotherapy camps in and around Erode.

* **Spiritual growth.**

The institution provides yoga & meditation classes regularly.

5.2 STUDENT PROGRESSION

5.2.1 What is the student strength of the institution for the current academic year? Analyze the Program-wise data and provide the trends (UG to PG, PG to further studies) for the last four years.

Academic year of 2013-2014

| Course | Total student strength |
|---------------|-------------------------------|
| B.P.T | 49 |
| M.P.T | 8 |

UG to PG, PG to further studies:

| COURSE | UG to PG | | | | PG to PhD | | | |
|--------------|----------|------|------|------|-----------|------|------|------|
| | 2010 | 2011 | 2012 | 2013 | 2010 | 2011 | 2012 | 2013 |
| Year | 2010 | 2011 | 2012 | 2013 | 2010 | 2011 | 2012 | 2013 |
| B.PT | NIL | 20% | 36% | 27% | - | - | - | - |
| M.P.T | - | - | - | -- | NIL | NIL | NIL | NIL |

5.2.2 What is the number and percentage of students who appeared/qualified in examinations for Central / State services, Defense, Civil Services, etc.? NIL

5.2.3 Provide category-wise details regarding the number of post graduate dissertations, Ph.D. and D.Sc. theses submitted/ accepted/ rejected in the last four years.

Details of M.P.T. Dissertation - April 2011(Accepted)

| Sl. No. | Name of the Student | Reg. No. | Topic |
|---------|---------------------------|----------|---|
| 1 | MR. GOPINATH.T. | 27092001 | A Comparison Study on Efficacy of Counter Elbow Brace and Proprioception Exercises in Subjects with Lateral Epicondylitis. |
| 2 | RAJA VIJAYA ARIVAZHAGAN.J | 27092002 | A Comparative Study to find out the effects of Capsular Stretching Over Muscle Energy Technique in The Management of Frozen Shoulder. |
| 3 | SHINOJ.M.R. | 27092003 | A Comparative Study on Effectiveness of Laser Therapy Versus Cyriax Technique in reducing pain on acute Lateral Epicondylitis. |
| 4 | THAMILARASI.D. | 27092004 | Effectiveness of Pilates based exercises for Reducing Pain and Disability in Chronic Low Back Pain Patients. |
| 5 | BALAJI.G. | 27092005 | Effectiveness of The Scotson Technique in Improving the Sitting Balance in Patients with Cerebral Palsy. |
| 6 | SABIYA.A. | 27092006 | A Study on Effectiveness of Neuro Energetic Release Therapy for stroke patients to improve balance. |
| 7 | MALATHI.T. | 27092007 | Efficacy of Visceral Manipulation on Abnormal Pattern of Breathing in Asthmatic Patients. |
| 8 | MR. PRAKASH.A | 27092008 | Beneficial Effects of inspiratory Muscle Training for Reducing Dyspnoea and Improving Exercise Capacity in Patients with Advanced Congestive Heart Failure (CHF). |
| 9 | PALANIYAPPAN.M | 27092010 | The Effectiveness of Maitland Manipulation With Conventional Physiotherapy For the Management of Athletes With Athletic Pubalgia. |

Details of M.P.T. Dissertation - April 2012(Accepted)

| Sl. No. | Name of the Student | Branch | Reg. No. | Topic |
|---------|------------------------|--------|----------|---|
| 1 | JOSHUA EZHIL SELVAN.J. | Ortho | 27102001 | Comparison of the Effectiveness of Bracing (Counter - Force Forearm Brace) Vs Tapping (MacDonald) in patients with Lateral Epicondylitis. |
| 2 | MAYENGBAM SANKILA DEVI | Ortho | 27102002 | A study to determine the effect of dynamic soft tissue mobilization of hamstring flexibility in healthy subject. |
| 3 | RAMARAJU.S | Ortho | 27102004 | A comparative study of effectiveness of self snags versus neck strength training along with conventional physiotherapy in chronic neck pain. |
| 4 | JACKSON DANY.J | Neuro | 27102005 | A comparative study between intensive physiotherapy versus conventional physiotherapy in children with cerebral palsy. |
| 5 | NANTHAKUMAR.A | Neuro | 27102006 | Comparative study between effectiveness of treadmill training with partial body weight support and physiotherapy versus treadmill training in improving gait ability of hemiparatic patients. |
| 6 | DURGA DEVI.J | Cardio | 27102007 | Effects of circuit resistance training (CRT) for cardio respiratory health & fitness in persons with paraplegia due to high thoracic spinal cord injury. |
| 7 | SELVI.P | Cardio | 27102008 | A comparative study of effectiveness of feldenkrais breathing exercises vs conventional therapy for improving quality of life in chronic obstructive pulmonary disease patients. |
| 8 | UNNIKRISHNAN.R | Sports | 27102009 | Bilateral asymmetries in flexibility strength and muscle endurance associated with preferred and non preferred leg. |
| 9 | VIJAYAPERUMAL.M | Sports | 27102010 | An inspective interpretation of cardio respiratory endurance among smokers and non smokers in college level sportsmen. |

Details of M.P.T. Dissertation - April 2013(Accepted)

| Sl. No. | Name of the Student | Branch | Reg. No. | Topic |
|----------------|------------------------------|---------------|-----------------|---|
| 1 | Ms. Anusha J.V.Carolin | Ortho | 27111081 | A study to determine the effect of low level laser therapy and plyometrics over placebo low level laser therapy and plyometrics in patient with lateral Epicondylitis. |
| 2 | Ms. Nishira Mamutty | Ortho | 27111082 | A comparative study in effectiveness of muscle energy technique along with moist heat therapy vs capsular stretching in patients with periathritis shoulder. |
| 3 | Ms. Pradeepa Surendran | Ortho | 27111083 | A comparative study to find out the effects of capsular stretching over muscle energy technique in the management of HGAC syndrome. |
| 4 | Ms. Shakitha.A | Ortho | 27111084 | Effectiveness of electrical stimulation of vastus medialis alone vs electrical stimulation of vastus medialis with stretching of lateral thigh muscles in patellofemoral pain syndrome. |
| 5 | Ms. Sri Ramagadatcham.s | Cardio | 27113082 | Effect of supported arm training on muscle endurance, exertional dyspnoea and muscle fatigue in patients recently weaned from mechanical ventilation. |
| 6 | Mullaimathi vadhanam.c | Neuro | 27112081 | A comparative study of effectiveness of mirror box therapy and motor relearning program in motor recovery of hand related functions in sub acute stroke patients. |
| 7 | M. Ramya | Neuro | 27112082 | A study to analyze the effectiveness of sensory specific balance in improvement of functional balance after acute post stroke Hemiparesis. |

| | | | | |
|---|--------------------------|--------|----------|---|
| 8 | HUIDROM NIRUPAMA DEVI | Sports | 27115081 | The effectiveness of combined plyometric and strength training compared to traditional strength training program on athletic performance. |
| 9 | SAKTHIVEL.P | Sports | 27115082 | The effectiveness of kinesio taping on pain and throwing accuracy following shoulder impingement syndrome in elite male cricketers. |

Details of M.P.T. Dissertation (2014-2015) accepted

| Sl. No. | Name of the Student | Branch | Reg. No. | Topic |
|---------|-----------------------------|--------|-----------|--|
| 1 | EUNICE VIDHYA | Ortho | 271210063 | A comparative study to determine the effectiveness of prone lying lumbar traction vs supine lumbar traction along with MCGILL lumbar stability exercise in the management chronic low back pain. |
| 2 | SARUMATHI.K | Neuro | 271220062 | A study to analysis the relationship between visuospatial ability and hand function in normal individuals. |
| 3 | ANBU SELVI.J | Cardio | 271230081 | Influence of age on Pulmonary function tests. |
| 4 | LAKSHMI PRIYA.P | Cardio | 271230082 | Combined effects of ELTGOL and flutter VRPI on the dynamic and static pulmonary volumes and on the secretion clearance of patients with bronchiectasis. |
| 5 | PANDURENGA PADMANABHAN.P | Sports | 271250081 | Efficacy of high intensity training with a bi-directional bicycle pedal in ankle sprain among sports athlete of age group between 15 to 25 years. |
| 6 | VIJAY.P | Sports | 271250082 | Effects of prior bouts of eccentric muscle training on severity of exercise induced muscle damage. |

Details of M.P.T. Dissertation - October - 2014 (submitted)

| Sl. No. | Name of the Student | Branch | Reg. No. | Topic |
|----------------|----------------------------|---------------|-----------------|--|
| 1 | Betsy Sara Paul | Ortho | 271210062 | A comparative study on the efficacy of thrust and non-thrust manipulation and exercises with or without the additional of myofascial therapy for the management of acute inversion ankle sprain. |
| 2 | Bharath. K | Neuro | 271220061 | Effect of sitting balance training under varied sensory input for improving balance and activities of daily living in stroke patients – a comparative study. |
| 3 | Ahanthem deepali | Ortho | 271210061 | Effect of MCKENZIE exercises on pain and functional disability in patients which mechanical low back pain. |
| 4 | Vikram.K | Ortho | 271210064 | A comparison of kinesio taping, functional bracing and ultrasound on the pain and functional impairment among lateral epicondylitis. |

5.2.4 What is the percentage of graduates under AYUSH programs employed in the following?

- ❖ AYUSH departments/Hospitals,
- ❖ Multinational companies,
- ❖ Health clubs,
- ❖ Spas,
- ❖ Yoga wellness centers,
- ❖ Yoga studios,
- ❖ Health clubs,
- ❖ Own Yoga cubes/studios?

Nil

5.3 STUDENT PARTICIPATION AND ACTIVITIES

5.3.1 List the range of sports, cultural and extracurricular activities available to students. Furnish the program calendar and provide details of students' participation.

The sports department conducts annual sports meet of the college and covers the events taken.

The following sports activities are available in the college.

Sports activities in college campus

- Cricket men.
- Kho-Kho women.
- Volley ball men
- Athletics women &men.
- Tennis women &men.

The above mentioned teams will take part in all tournaments.

The cultural committee conducts annual cultural programme (Physiogala) of the college and covers the events taken

The following are various *cultural* activities.

- ✓ Dance-Solo/Group.
- ✓ Song-Solo/Group.
- ✓ Fancy dress.
- ✓ Cooking.
- ✓ Mahanadi.
- ✓ Hair dressing.
- ✓ Waste material creativity.
- ✓ Veg carving.
- ✓ Rangoli.
- ✓ Just a minute.

The following are various Extra-Curricular activities.

- ✓ YRC.
- ✓ Eco club.

Updated students hand book provides clear information to students about the program calendar of sports and culturals events.

PHYSIOGALA '11 CULTURALS

| S.NO | EVENTS | GROUP | PARTICIPANT | Date |
|------|---------------|-------|-------------|----------|
| 1 | SOLO SONG | | 12 | 15.12.11 |
| 2 | GROUP SONG | 6 | 21 | 15.12.11 |
| 3 | FANCY DRESS | | 9 | 15.12.11 |
| 4 | RANGOLI | 8 | 24 | 16.12.11 |
| 5 | MEHANDHI | | 10 | 16.12.11 |
| 6 | JUST A MINUTE | | 22 | 16.12.11 |
| 7 | SOLO DANCE | | 10 | 17.12.11 |
| 8 | GROUP DANCE | 4 | 19 | 17.12.11 |

PHYSIOGALA '12 CULTURALS

| Sl. NO | EVENTS | GROUP | PARTICIPANT | Date |
|--------|---------------------------|-------|-------------|----------|
| 1 | SOLO SONG | | 21 | 12.12.12 |
| 2 | GROUP SONG | 6 | 30 | 12.12.12 |
| 3 | FANCY DRESS | | 12 | 12.12.12 |
| 4 | RANGOLI | 10 | 30 | 13.12.12 |
| 5 | MEHANDHI | | 15 | 13.12.12 |
| 6 | HAIR DRESSING | | 22 | 13.12.12 |
| 7 | WASTE MATERIAL CREATIVITY | 10 | 20 | 13.12.12 |
| 8 | SOLO DANCE | | 21 | 14.12.12 |
| 9 | GROUP DANCE | 4 | 20 | 14.12.12 |
| 10 | COOKING | 14 | 28 | 14.12.12 |

PHYSIOGALA '13 CULTURALS

| Sl. NO | EVENTS | GROUP | PARTICIPANT | Date |
|--------|---------------|-------|-------------|----------|
| 1 | SOLO SONG | | 30 | 11.12.13 |
| 2 | GROUP SONG | 8 | 29 | 11.12.13 |
| 3 | FANCY DRESS | | 25 | 11.12.13 |
| 4 | RANGOLI | 11 | 33 | 12.12.13 |
| 5 | MEHANDHI | | 13 | 12.12.13 |
| 6 | VEGCARVING | 17 | 34 | 12.12.13 |
| 7 | JUST A MINUTE | | 25 | 12.12.13 |
| 8 | SOLO DANCE | | 15 | 13.12.13 |
| 9 | GROUP DANCE | 4 | 18 | 13.12.13 |
| 10 | FOOT LOOSE | | 37 | 13.12.13 |

PHYSIOGALA '11 SPORTS

| S.NO | EVENTS | GROUP | PARTICIPANT | DATE |
|------|------------------------|-------|-------------|----------|
| 1 | ATHLETICS | | 8 | 6.12.11 |
| 2 | CARROM & CHESS (BOYS) | | 8,6 | 6.12.11 |
| 3 | THROW BALL (GIRLS) | 2 | 18 | 7.12.11 |
| 4 | VOLLEY BALL (BOYS) | 2 | 20 | |
| 5 | FOOT BALL (BOYS) | 2 | 20 | 8.12.11 |
| 6 | CRICKET (BOYS) | 2 | 20 | 9.12.11 |
| 7 | SHUTTLE (GIRLS) | 4 | 12 | |
| 8 | SHUTTLE (BOYS) | 4 | 12 | 12.12.11 |
| 9 | CARROM & CHESS (GIRLS) | | 8,6 | |

PHYSIOGALA '12 SPORTS

| Sl. NO | EVENTS | GROUP | PARTICIPANT | DATE |
|--------|------------------------|-------|-------------|---------|
| 1 | ATHLETICS | | 12 | 3.12.12 |
| 2 | CARROM & CHESS (BOYS) | | 10,8 | 3.12.12 |
| 3 | THROW BALL (GIRLS) | 2 | 18 | 4.12.12 |
| 4 | VOLLEY BALL (BOYS) | 2 | 20 | |
| 5 | FOOT BALL (BOYS) | 2 | 20 | 5.12.12 |
| 6 | CRICKET (BOYS) | 2 | 20 | 7.12.12 |
| 7 | SHUTTLE (GIRLS) | 4 | 12 | |
| 8 | SHUTTLE (BOYS) | 4 | 12 | 8.12.12 |
| 9 | CARROM & CHESS (GIRLS) | | 10,8 | |

PHYSIOGALA '13 SPORTS

| Sl. NO | EVENTS | GROUP | PARTICIPANT | DATE |
|--------|---------------------------|-------|-------------|---------|
| 1 | ATHLETICS | | 12 | 3.12.13 |
| 2 | CARROM & CHESS (BOYS) | | 12,10 | 3.12.13 |
| 3 | THROW BALL (GIRLS) | 4 | 28 | 4.12.13 |
| 4 | VOLLEY BALL (BOYS) | 4 | 24 | |
| 5 | FOOT BALL (BOYS) | 4 | 20 | 5.12.13 |
| | KHO-KHO(GIRLS) | 4 | 40 | |
| 6 | CRICKET (BOYS) | 4 | 44 | 6.12.13 |
| 7 | SHUTTLE (GIRLS) | 4 | 12 | |
| 8 | SHUTTLE (BOYS) | 4 | 12 | 7.12.13 |
| 9 | CARROM & CHESS (GIRLS) | | 10,8 | |
| 10 | KABADI (BOYS) | 4 | 32 | 9.12.13 |

5.3.2 Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years.

| Sl. No | International physiotherapy conference | Student name | Event | Prize awarded |
|--------|--|-----------------------------------|----------------|---------------|
| 1 | Saveetha university on 18 /10/2013 | P.Vinoth | Foot loose | I Place |
| 2 | Saveetha university on 18 /10/2013 | S.Aruna & K.Chandhini | Veg carving | II Place |
| 3 | Saveetha university on 18 /10/2013 | P.Vinoth & S.Ajmal .S.Sajin | Short film | III Place |

5.3.3 Does the institution provide incentives for students who participate in national / regional levels in sports and cultural events?

The college provides TA and DA to the participants when they participate in competitions out of our college premises. First aid facility is provided. College has designated faculty members to support students who participate in cultural programmes and sports competitions. In case of programmes in the same district the institution provides the students with bus facility.

5.3.4 How does the institution involve and encourage its students to publish materials like catalogues, wall magazines, college magazine, and other material? List the major publications/ materials brought out by the students during the last four academic sessions.

The students are encouraged to display articles of interests pertaining to specialty as wall magazines and such materials are preserved by the concerned departments.

Physiogala magazine is published every year in which the student's talents and articles are printed.

5.3.5 Does the institution have a Student Council or any other similar body? Give details on its constitution, activities and funding.

The college student's council consists of a PG student as the head & a UG student. The council also consists of many students as members who take part in arranging various college events such as CME'S, seminars, tour, culturals & sports meet.

5.3.6 Give details of various academic and administrative bodies that have student representatives in them. Also provide details of their activities.

The college has constituted internal quality assurance cell with clear descriptions of its accountability, autonomy and empowerment. The college also has constituted nearly 28 committees with student's representations on each committee. Groups of committees are monitored by respective committee head. All the committees have maintained the proceedings and submit their report with necessary recommendation to the coordinator IQAC. The college practices stake holder- college partnership for excellence in education service and research. The list of committees with student's members represented and the IQAC manual will be presented during peer team visit

Any other information regarding Student Support and Progression which the institution would like to include.

CRITERION VI
GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and the mission of the institution.

VISION:

- To emerge as a world class institution of excellence, imparting scientific knowledge that empowers aspiring learners in the field of physiotherapy to be the best practitioners of the world.

MISSION:

- To emerge as a center of excellence, this meets global standards in creating and cascading knowledge by providing students a unique learning experience through its academic rigor and by following an
- To motivate, guide and generate qualitative researches for widening the frontiers of physiotherapy as science useful for the betterment of our society.
- To extend the frontiers of physiotherapy as a branch of medical science by constantly learners to take up research which aims at generating new knowledge for the betterment of humanity.

6.1.2 Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution's tradition and value orientations, its vision for the future, etc.?

Yes, the institution has clearly defined its goals and objectives. The institution has drawn a clear perspective plan for future development and to maintain competitive edge in quality and system

The institution has taken measures to translate quality to its administrative and academic units. A few of such are decentralization, participative discussions, empowering learners for excellence in education, etc. The institution has established academic monitoring committee which collects feedbacks from the institution and the critical areas are identified for improvement and referred to appropriate authorities for further needful. The IQAC (Internal Quality Assurance Cell) has established which comprises of several committees.

6.1.3 How is the leadership involved in

*** Developing E-Governance strategies for the institution?**

- Library is equipped with computers, internet band width with the speed of 5mbps, e-content management system for e-learning
- Computer Laboratory: The computer laboratories are well equipped with latest high end desktops and networked through high speed with high technology software.
- Departmental HOD's Rooms, Faculty Rooms, Class Rooms have computer with internet facilities.

*** Ensuring the organization's management system development, implementation and continuous improvement?**

The institution is established under Sec 2 of the UGC Act, 1956 under the head of non government colleges teaching up to master degree as such the management or governance structure of the institution is structurally different form that of the conventional state universities.

The institutions provide for the broader governance structure and also provides for flat hierarchical model.

The Principal is the academic and executive officer of the institution and is responsible for the overall academic and administrative development of the institution. He presides over the meetings of the institution. He is supported by the other administrative functionaries.

Decisions are taken by the institution authorities, such as Governing body, Academic Monitoring Committee, and IQAC.

The management and authorities of the institution are responsible for developing, implementing and improving the various academic and administrative activities by adopting the participatory and decentralized management / governance system.

The IQAC is responsible for maintaining the quality of curriculum, teaching – learning and evaluation process. The administrative officer monitors the flow of income and expenditure of the institution.

*** Interacting with its stakeholders?**

- The main stakeholders of the institutions are Parents, Alumni, Hospitals and Administrative beneficiaries are working at various levels. The institution has center learning approach and play pro-active role in all the stake holders.
- The internal coordination and monitoring mechanism help the institution to interact with the students, faculty and support staff and timely addressing their grievances, if any. All systems and procedures of the institution are in place and transparent.

Highlights:

- The hospitals are benefitted by the students by decreasing their workload and their manpower.
- The student's knowledge is improved and gets more exposure to improve their confidence level and to handle patients independently.
- The parents are benefitted as the college shapes and moulds into the present society.
- The alumni get benefitted as the college helps in processing documents in case of going abroad.

*** Reinforcing a culture of excellence?**

The institution over the period has developed a tradition of maintaining the excellence in curriculum development, teaching –learning process, evaluation, students support services, providing excellent infrastructural facilities for meaningful teaching- learning process, technology infusion in academic and administrative activities, providing quality primary to tertiary health care facilities to the disadvantaged class of society and many more.

*** Identifying organizational needs and striving to fulfill them?**

Principal of this institution is highly qualified and has a rich academic and administrative experience. Internal monitoring mechanism helps the Principal to interact with the students, faculty and support staff and to understand their problems. The periodic feedback obtained from stake holders on various aspects of the working of the system, also helps him to know the organizational needs. Quick and timely decision making helps to fulfill the organizational needs.

6.1.4 Were any of the top leadership positions of the institution vacant for more than a year? If so, state the reasons.

No, there is no top leadership positions of the institution is vacant for more than a year.

6.1.5 Does the institution ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?

Yes, all the positions of statutory authorities and bodies are filled and numbers of meetings are conducted as per the schedule given in Institutions.

Highlights

The statutory bodies like Governing Council, Academic monitoring committee and IQAC Committee were filled with eminent personalities as per the guidelines framed by the institutions. Meeting is conducted as per the statutory requirements.

The meetings of the above statutory bodies are being conducted at stipulated intervals and the minutes of the meetings are made available at Principal meeting to the respective departments.

The meetings of the different components of the administrative team plan and review of the various aspects of college functioning and these meetings are scheduled in regular intervals throughout the academic year:

Governing Council - Our College has a Governing Council and a Governing body with members from leading educational institutions, industries and other professions. The committee meets once in a year to formulate the strategies for the college.

Other Committees come under IQAC and they have been well functioning according to their strategies.

1. Curricular Committee
2. Academic Monitoring Committee
3. Ethical and Research Committee
4. CME Committee
5. Library Advisory Committee
6. Condemnation Committee
7. Infrastructure and Learning Resource Committee
8. Network Resource Committee
9. Proctor Scheme
10. Class monitoring Committee
11. Training and Placement Cell
12. Soft Skill Development Cell
13. Alumni Association
14. Students Grievance Redressal Cell
15. Women Development Cell
16. Anti Ragging Committee

17. Sports Committee
18. Cultural Committee
19. Youth Red Cross Cell
20. Eco Club
21. Student Council
22. Mission Monitoring Cell
23. Departmental Committee
24. Discipline Committee
25. Transport Department Association
26. Parents Teachers Association
27. Purchase Committee
28. Information communication and Technology Committee

6.1.6 Does the institution promote a culture of participative management? If yes, indicate the levels of participative management.

Yes, the institution always promotes a culture of participatory management. Authority of decision making is delegated down the line with a sense of accountability and responsibility. This approach has helped the college in quick decision making and timely disposal of routine files.

The decisions related to the academic matters are taken by the General Body and Academic Monitoring Committee and finally are ratified by the Governing Body.

The decisions related to the financial matters are taken by the Administrative officer and reported to the Governing Council.

Highlights

- The management and staff are working together with spirit of transferring knowledge to the students and society as well.
- For this, parents-teachers meeting are organized frequently.
- Major administrative decisions of the institution are taken by the principal under the guidance of management keeping in view the stated Objectives, Vision and Mission of the institution.
- The objectives of the various academic activities are communicated through meetings and office circulars.

Different levels of participative management are

- 1. Academic** : Management, faculty and Students join together To organize seminars, guest lectures, conferences and workshops.
- 2. Disciplinary** : The institution discipline is monitored and regulated through discipline committee, the major disciplinary decision are taken by Management, Principal and Faculties all altogether.
- 3. Financial** : Disbursement of finance is carried out by Management through Administrative Officer and Cashier.

- 4. Administrative :** Principal is in charge for institution administration. Various committees and Heads of the Departments are assisting the Principal for smooth functioning of the college administration.
- 5. Over all development:** The contribution of the college Alumni, Stakeholders, parents and corporate play key role for the overall development.

6.1.7 Give details of the academic and administrative leadership provided by the university to its affiliated colleges / constituent units and the support and encouragement given to them to become autonomous.

Nil.

6.1.8 Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?

No. The institution is unitary in nature and does not provide for giving autonomous status and conferment of degree by autonomous colleges.

6.1.9 How does the institution groom leadership at various levels? Give details.

At Principal Level

Principal is in charge for institution administration, various committees and Head of the Departments are assisting the Principal for smooth functioning of the college administration.

At Staff Level

The staff are assigned various activities in the college, department and outside the institution by giving responsibility and powers. In this way college grooms leadership among academic and non-academic staff.

At student level

Committee and association such as the Academic Monitoring Committee, Discipline Committee, Training and Placement Cell, Youth Red cross Cell and Eco-club are giving an opportunity to the students to groom their leadership quality. In addition, seminars, workshops and conference are giving a chance to learn the leadership quality.

6.1.10 Has the institution evolved a knowledge management strategy which encompasses the following aspects such as access to

- * **Information Technology,**
- * **National Knowledge Network (NKN),**
- * **Data Bank,**
- * **Other open access resources along with effective intranet facilities with unrestricted access to learners.**

If yes, give details.

A knowledge management refers to multidisciplinary approach to achieve organizational objectives by making best use of knowledge and includes acquiring, creating and sharing knowledge.

Accordingly, the institution organizes seminars, conference and workshops related to curriculum development, technology infusion in teaching – learning and evaluation reforms. Publication of books by the Faculties of our institutions, undertaking innovative research projects, creation of facilities such as anatomy and physiology laboratory, virtual learning

classrooms, development of e- content, etc. are other initiatives which help to acquire the knowledge management strategy and helps in furthering the objectives of the institutions.

6.1.11 How are the following values reflected in the functioning of the institution?

*** Contributing to National development**

The institution is offering programs in the areas where there is huge demand for trained manpower. The curriculum of the programs offered by the institution is prepared on the basis of National Curriculum framework developed by The Tamilnadu Dr. M.G.R Medical University, Chennai. Thus the curriculum addresses the needs at the national levels and trained graduates of the institution ultimately contribute the nation development activities.

*** Fostering global competencies among students**

As explained above, the model curriculum development by The Tamilnadu Dr. M.G.R Medical University, Chennai, is done by involving expertise from within India and outside as such global trends are reflected in the curriculum.

*** Inculcating a sound value system among students**

In the institution, value education is an integral part of the curricula and teaching – learning process. The various extension and outreach activities organized by the institution through Youth Red cross Cell and Eco club, various health checkup camps, social and cultural activities organized by various students association and clubs help to inculcate the cultural and human values among the students.

*** Promoting use of technology**

The institution promotes the technology infusion in teaching – learning process evaluation of students (conduct of examinations) entrance examinations, library automation, automation of the work of finance division and administration.

The creation of virtual learning classroom, anatomy and physiology laboratory and e-content, development, providing LCD projectors in all classrooms, WiFi and digital resource makes the teaching – learning process interactive.

*** Quest for excellence**

The quest for excellence is an ongoing process. The institution has been striving hard to achieve excellence in all its academic and administrative activities by creating excellent infrastructure and learning resource and sports facilities.

6.1.12 Has the institution been indicted / given any adverse reports by National Regulatory bodies? If so, provide details.

No, there is no adverse report given by the National Regulatory Bodies.

6.1.13 What are the projected budgetary provisions towards teaching, health care services, research, faculty development, etc.?

The Institution has various budgetary provisions towards teaching health care services, research and faculty development.

6.2 STRATEGY DEVELOPMENT AND DEPLOYMENT

6.2.1 Does the institution have a perspective plan for development? If yes, what aspects of the following are considered in the development of policies and strategies?

Yes, the institution has prepared and implemented its perspective plan for its development. The academic monitoring committee has prepared the short term and long term plans.

The teachers, students and administrators involved as members to various committees and IQAC, submit their inputs. All the departments have generated SWOC analysis of their department. The strategy for the development of perspective plan is inside out approach. The strengths are enhanced, weakness /areas for improvement are identified, the opportunities are evaluated and efforts are made to nullify the threats. The consolidated report is generated and a draft perspective plan is prepared and approved in the heads of the meeting and IQAC.

Departmental academic plans are prepared involving teaching staff, calendar of events for the year is drawn in consonance with the institution and affiliating university academic calendar.

Vision and mission

In conformity with vision and mission statement, the institution has started more than 25 activities in emerging areas and some of them are of innovative. The curriculum design, development and is revised from time to time as per the changing and emerging needs of the society and industry

Teaching and learning

Apart from conventional chalk and talk method, the college has introduced many innovative teaching – learning methods by using information and communication technologies. Some of them are creation of virtual classroom, anatomy and physiology laboratory, e-content development, Wi-Fi connectivity, LCD projectors in each classroom, digital resources in the library, etc. Introduction of continuous and comprehensive internal assessment involves various learning activities, question bank, etc.

Highlights

- Academic calendar of the institution is framed and accordingly the calendar of events for the institution and department are prepared.
- Time table is prepared by the academic monitoring committee.
- Department time table for the year is prepared.
- Teacher and topic time table for the year in each department are maintained.
- Lesson plans are prepared by each teacher .
- Books, journals and equipments are added to the library and equipment is updated.
- Infrastructure needed is reassessed and actions are initiated.
- Monthly department performance review is conducted, preventive and corrective actions are initiated for continuous improvement.
- The institution has prepared documented guide lines for preparing academic calendar for the institution and lesson plans.
- Modern teaching learning tools have been provided to the faculty to implement in the class room teaching. Faculties are advised to take extra doubt clear classes if any. Special arrangements have been made for

Spoken English, Skill development and Personality development for the students. The academic monitoring committee promotes quality initiatives in teaching, learning, administration and student support. The minutes of all such committees are properly recorded and available for review.

Research and Development

The institution has going to start P.hd. programs in future and is further strengthened by adopting regulations of The Tamilnadu Dr. M.G.R Medical University, Chennai.

Highlights

Faculties are allowed to avail on duty to attend the Seminars, Research activities etc. Most of the faculties are going to do their P.hd, national and international publication. The research committee of the institution encourages and motivates the teachers to take up research projects and to foster a philosophy of research among the students and the staff.

Community engagement / outreach activities

The extension and outreach activities are carried out by involving neighborhood community. These activities aim to create social and health awareness among the community by involving them. These activities are carried out through YRC, Eco and various clubs / associations and rural centres. The institution are organizing health check up camps for the poor and needy patients at free of cost and implementing various welfare schemes of the state and central government. All these efforts of the institution have helped the neighborhood community to improve their quality of life.

Highlights

Different types of Community engagement programmes are being conducted like Blood donation, Health camp and village adoption. The curricular and co-curricular activities of the institution which are directed towards the development of the student personality are properly carried out and monitored by the IQAC.

*** Human resource planning and development**

The requirements and appointments of faculty and supporting staff are as per norms of The Tamilnadu Dr.M.G.R Medical University. The procedure for appointment of faculty which is being strictly followed. The qualifications and pay scales are as per the norms of the institutions. The institution periodically organizes faculty development programs and skill development programs for the support staff.

Highlights

- Adequate number of qualified teaching and supporting staff are appointed through codified procedures of open advertisement, demo & interview by placement and training cell. Communication skills, GD skills, personality development for students and organizational effectiveness are ensured through periodical reviews.
- The institution makes good use of the self-appraisal method and comprehensive assessment by students to assess the performance of the faculty and staff

*** Industry interaction**

The institution involves industrial expert right from launching programs, preparing industry driven curriculum and appointing them as adjunct faculty. The institution has collaborations with many concerned hospitals for internship and projects. The institution – hospital interface have helped the college to bridge the gap between what is acquired in classroom and requirements of the industry.

Highlights

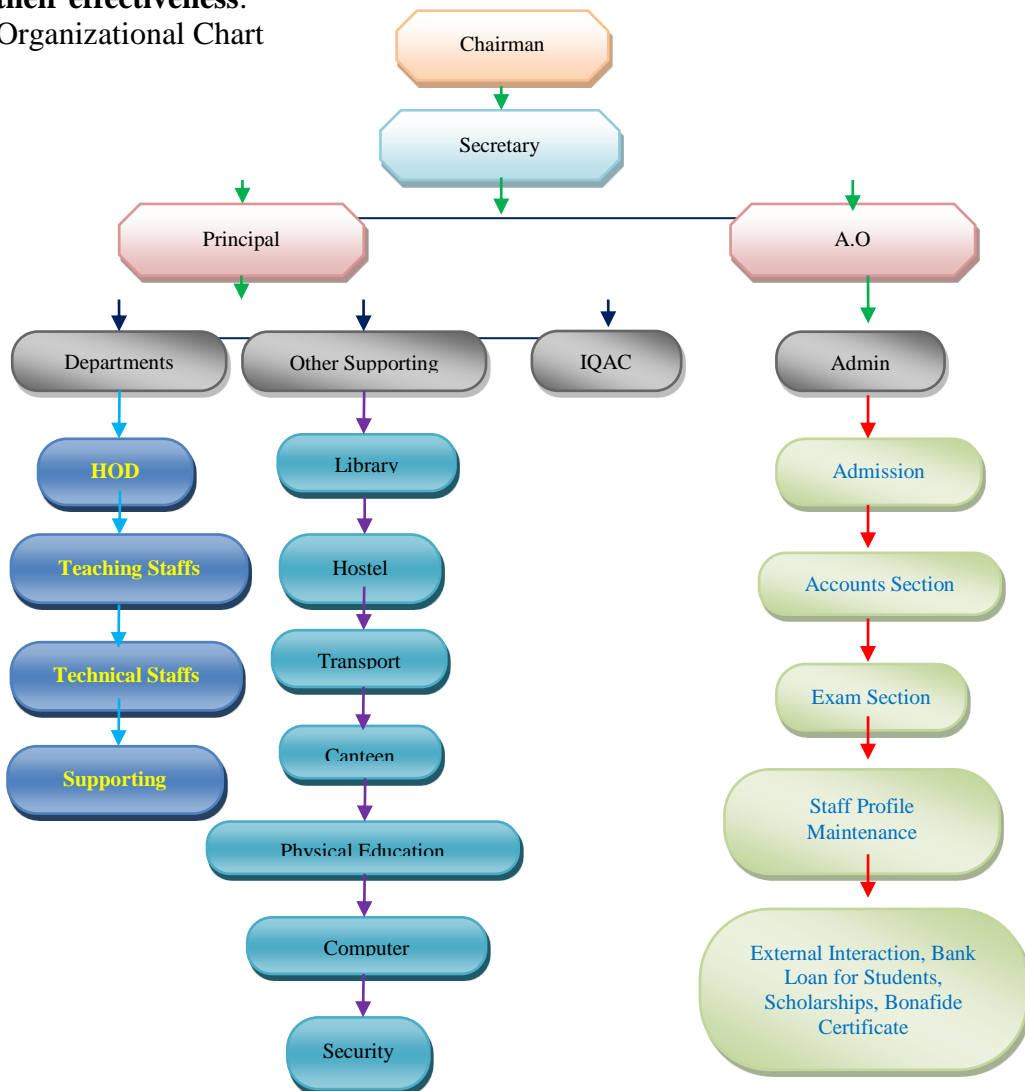
- Faculty and students are giving ample scope for study tour to the nearby hospitals for better exposure through close interaction.
- The institution has an independent placement cell which looks after the placements of the students and development of skills among the students. This cell also makes arrangement for hospital visits for the students.

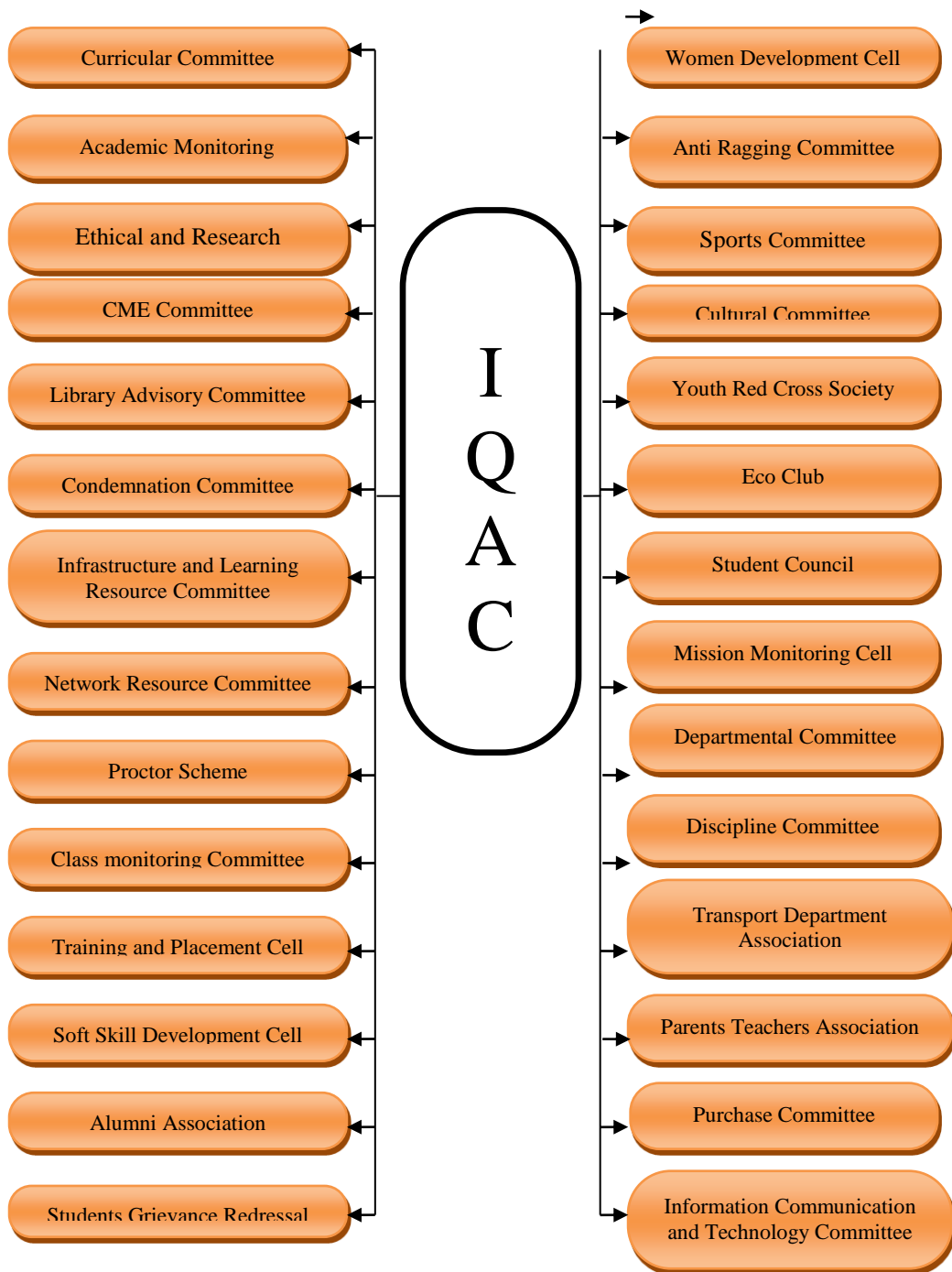
*** Internationalization**

As mentioned earlier, the institution has collaboration with alumni of our institution to share their experiences, guidance and knowledge to enrich the institution in development of the teaching – learning process and students evaluation.

6.2.2 Describe the institution’s internal organizational structure (preferably through an organogram) and decision making processes and their effectiveness.

Organizational Chart





*** Is there a system for auditing health care quality and patient safety? If yes, describe.**

- Patient health care is monitored by assessment charts.
- To ensure safety among female patients, individual cabin is provided.
- To avoid sexual harassment, physiotherapy ethics has been wall mounted.
- To avoid electrical shock, the whole department is wired properly and earth connection is given.
- To ensure the patient safety from fire accidents, the institution have Fire Extinguisher.

*** How often are these review meetings held with the administrative staff?**

These review meetings are held once in a month to ensure quality of health, patient safety and to monitor if there is any damage in cables, Wires, Fire Extinguishers etc.

6.2.3 Does the institution conduct regular meetings of its various Authorities and Statutory bodies? Provide details.

Yes, general body & governing bodies conduct the regular meetings.

6.2.4 Does the institution have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?

Yes, the institution functions independently, they have been given academic, administrative and autonomy to design and develop the curriculum and conduct the meetings respectively. They also finalize their teaching plan and internal and external examinations in consultations with the Principal. Once the budget estimates of the institutions are approved, they have freedom to purchase library books, equipment, chemicals, etc. through the vendors approved by the Administrative officer. The Principal has delegated some of his powers to the HODs which has helped to improve the overall functioning of the constituent institutions and in turn the institution.

The institutions have a formally stated quality policy. It is deployed and reviewed by the information gathered from students, parents and various committees on teaching learning and development of the institution are acknowledged for the further improvement of the performance and decision making.

The institution has a perspective plan for institutional development. The plans are discussed in the management meetings and also with the Staff Council as and when required. Implementation of the plans depends upon various factors such as the financial position, state laws, university statutes, etc.

To pursue global standards of excellence in teaching, research, consultancy and other continuing programmes and constantly improve the quality of our service through consistent implementation of the prescribed quality management system.

6.2.5 Does the institution encourage its academic departments to function independently and autonomously and how does it ensure accountability?

Yes, the academic section maintains the hard copies of the examinations schedules and results. The results are informed to the parents by SMS and as well as by postal letters. The soft copies of results are maintained in the office.

Institution encourages the departmental faculties to function independently in

- Preparing year Plan.
- Clinical rotation plan.
- Lesson plan.
- Accountability ensures through the verification of departmental work by the principal .
- Monthly meetings are held where knowledge is shared Planning for
- Theory and practical Hours
- Allotments to subjects / units to specified faculty
- Observational visit

- Specialty clinical posting
- Unit test, Sessional and model exams
- Freedom is given to HODs to ensure highest output and to empower other members of the department

6.2.6 During the last four years, have there been any instances of court cases filed by and / or against the institution? What were the critical issues and verdicts of the courts on these issues?

No. There have been no instances of court cases.

6.2.7 How does the institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder-relationship?

Yes, the institution obtains regular feedback from the students in structured format of teaching – learning process, infrastructural facilities and learning resources. At the end of academic year, every student submits feedback on the teaching – learning process. The feedback obtained is analyzed and outcome is placed before the departmental committee and then is communicated to the teacher concerned for enhancing his professional competency.

The feedback on the infrastructural facilities and learning resource is also obtained every year and same is analyzed and outcome is placed before the appropriate authorities.

This feedback mechanism from the students has helped the college to improve and enhance the teaching – learning process and augmentation and creation of infrastructural facilities and learning resources.

The management with representations from varied sectors of community, the faculties and the students are involved in planning and implementation. The entire system, academic programs in particular is evaluated by students, parents, alumni, employers and patients through feedback processes. The data is analyzed and the output of analysis is reviewed and appropriate actions are initiated by the management. The organization structure incorporates decentralization, open organizational climate and participative decision. The students, faculties, local community representatives and management are nominated to varied committees of the organization.

6.2.8 Does the institution have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

The institution provide suggestion box within the campus. The students at any time can give their feedback. Students can meet the Chairman, Secretary, Principal and HOD at any time to express their grievances. The institution provides proctor scheme and suggestion box for the students feedback.

6.2.9 Does the institution conduct performance audit of the various departments?

Yes, the institution conducts the performance audit of the constituent units and data is incorporated in the annual report of the college.

6.2.10 What mechanisms have been evolved by the institution to identify the developmental needs of its affiliated / constituent institutions?

The developmental needs are identified through suggestions, feedback from the staff, students and parents. Recently the college has established IQAC to assess the quality of the curriculum teaching – learning process, infrastructure, learning resources governance, student support service, research consultancy, and extension and Innovative practice.

6.2.11 Does the institution and hospital have their own updated websites? If so, is the information regarding faculty and their areas of specialization, days of availability, timings, consultation charges available on the website?

The institution provides a separate website: www.nandhaphysio.org in which institution details are represented and also available for Nandha free OPD details presented.

6.2.12 What are the feedback mechanisms and documentations to evaluate the outcomes of these exercises?

All information obtained through feedback from students, staff, parents and teachers are analyzed and necessary action is taken. The negative feedback, if any, received is taken constructively for improvement of the functioning.

6.3 FACULTY EMPOWERMENT STRATEGIES

6.3.1 What efforts have been made to enhance the professional development of teaching and non-teaching staff? What is the impact of continuing Professional Development Programs in enhancing the competencies of the university faculty?

The institution has generated policy document which incorporates the guidelines for professional development of the faculty

The institution is making its efforts for the professional development of the teaching and non-teaching staff through

- Creating a mechanism for developing capabilities and skills for achieving higher Quality and excellence
- Enabling staff to make use of the latest equipment through awareness programmes.
- Providing access to the Internet, audio-visual aids, software packages etc., as required. Facilitating institutional infrastructure, learning resources for effective curricular transaction.
- Enabling the staff to attend academic activities like workshops, conferences and seminars to enrich the learning ambience.

Conducting programmes on

- a) Managing stress at work
- b) Computer awareness program
- c) Office automation and accounts
- d) Motivation and team work
- e) Time Management
- f) Work life balance etc.

6.3.2 What is the outcome of the review of various appraisal methods used by the institution? List the important decisions.

The outcome of feedback obtained from the students on teaching – learning is communicated to the concerned faculty which is being only used for enhancing their professional competencies and not for punitive action.

The performance based self-appraisal system captures all activities. Most of the teaching staff members will give above 75% of result in every semester. The institution takes action with the concern staff members in case of less than 75% of result given by them. The institution provides training for the staff members and they may make necessary changes in their performance on the top level. In addition, the Principal, concerned faculty and students are frequently met by the Chairman in person to know the activities. At the end of every year our Chairman receives the confidential reports of all teachers through the Principal. In the report Principal evaluates the performance of staff and gives the grading according to the work performed.

All the employees submit their self performance appraisal Performa and these are evaluated and communicated to all the staff for continuous improvement.

6.3.3 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have benefitted from these schemes in the last four years? Give details.

The mandatory welfare schemes such as contributory provident fund, medical insurance, employee health benefit are benefiting all the non-teaching staff members. Preferential admission to wards of staff, considering wards of deceased employees for appointment are also in vogue and there are beneficiaries in the past.

6.3.4 What are the measures taken by the institution for attracting and retaining eminent faculty?

The faculty is being paid salary as per recommendation of the Institutions and in addition they are given fringe benefits and primary to tertiary health care facilities at free of cost.

Study leave, duty leave, seed money for research projects, registration fees and travel cost are also reimbursed to the faculty. Incentives in the forms of cash are given to the faculty for publication of papers in indexed journals. Women faculty is sanctioned with fully pay maternity leave.

6.3.5 Has the institution conducted a gender audit during the last four years? If yes, mention a few salient findings.

Yes, the institution has carried out gender audit of the university and recommendations of the committee are implemented.

1. The student profile is analyzed;
2. 33% reservation for women faculty and supporting staff;
3. Gender sensitization programs are organized.

6.3.6 Does the institution conduct any gender sensitization programs for its faculty?

Yes, the institution conducts gender sensitization programs related to sexual harassment at work place, ragging, women & their rights and gender discrimination by inviting experts in the respective field.

6.3.7 How does the institution train its support staff in better communication skills with patients?

The Parent Teacher Association consists of elected members of staff and parents with the Principal as its President and an elected parent member as the Vice-President. The General Body of the PTA meets annually and the Executive Committee members meet periodically to transact business. The National Service Scheme, the Women Development Cell and the various committees of the college help in the all-round personality development of the students. Staff meetings are held periodically in an academic year. However in extraordinary circumstances, the Principal takes charge of a serious issue which affects the entire college and special meeting are convened.

6.3.8 Whether the research interests of teaching faculty are displayed in the respective departments?

Research topics of each faculty will be placed in the respective department notice boards.

6.3.9 Do faculty members mentor junior faculty and students?

Yes, there are faculty members who mentor students for their improvement and encouragement.

6.3.10 Does the institution offer incentives for faculty empowerment?

Yes, the institution offers faculty the cash reward for their empowerment. Maternity leave, personnel loan, free transport facility, leave for higher education, etc. On duty leave to faculty member to attend conference, seminar and workshops at various level Motivate and provide assistance to present papers, articles in various journals and magazines to update and enhance their capability and knowledge widely.

6.4 . Financial Management and Resource Mobilization

6.4.1. What is the institutional mechanism available to monitor the effective and efficient use of financial resources?

The chief finance officer, in consultation with the Principal, HOD and other Heads of administrative divisions, prepares budget estimates for the financial year and same is placed before the Administrative officer. The recommendations of the Administrative officer are placed before the board of management for its approval.

The Administrative officer closely monitors the year long income and expenditure of the constituent institutions and institution administration. He ensures that expenditure is done strictly in accordance with the different budget heads in the budget estimates.

The major purchases are made through the purchase committee by following standard purchase procedures.

The management has academic and administrative committee, in which administrative committee has a panel of financial experts to ensure and monitor effective utilization of available financial resources efficiently. The management has already been computerized in the whole institution through LAN. This could help to prepare the MIS report and ensures the available fund and other day to day financial admin activities.

6.4.2 Does the institution have a mechanism for internal and external audit? Give details.

Yes, the college has a mechanism of internal and external audit. Internal audit of all the constituent institutions and administration division is carried out.

The annual audit is carried out by the statutory auditor and audited statements, balance sheet and income – expenditure are prepared Balance Sheet is attached in the Annexure

6.4.3 Are the institution's accounts audited regularly? Have there been any audit objections, if so, how were they addressed?

Yes, the accounts audit is conducted regularly by the statutory bodies. So far, no such issues have been encountered.

6.4.4 Provide the audited statement of accounts with details of expenses for academic, research and administrative activities of the last four years.

Yes, Provided audited statement of accounts

6.4.5. Narrate the efforts taken by the institution for resource mobilization.

The institution is established under UGC act and is self –financing and main income of the college is from tuition and other fees.

6.4.6 Is there any provision for the institution to create a corpus fund? If yes, give details.

There is no provision for the institution to create a corpus fund.

6.4.7 What are the free / subsidized services provided to the patients in the hospital?

All the physiotherapy treatment is provided to the patients & public free of cost at the Physiotherapy Outpatient Department with the first time registration fees of Rs. 50 only.

6.4.8 Does the institutions receive fund from philanthropic organizations / individuals towards patient care? If yes, give details.

No

6.4.9 Do patients from other states / abroad come for treatment, reflecting the unique quality health care provided by the institution?

No

6.5. INTERNAL QUALITY ASSURANCE SYSTEM

6.5.1 Does the institution conduct regular academic and administrative audits? If yes, give details.

Yes, the institution conducts regular academic and administrative audits.

- An academic monitoring committee has been constituted by the Principal of the college to review the academic process.
- For the internal stock verification audit, an independent team of a different department is formed and sent for department stock verification. It is usually done once in a year.
- The auditors conduct academic audit periodically with prior intimation to assess the academic processes and submit the report to the Principal.
- Based on the suggestion given by the academic auditing team members, corrective action was taken by the Principal.
- Teaching learning process was further improved because of academic audit and effective corrective measures taken by the Principal.

6.5.2 Based on the recommendations of the academic audit, what specific follow up measures have been taken by the institution to improve its academic and administrative performance?

After the conduct of the audit, the internal auditors highlight the best practice and suggest areas of improvement for all departments. Any non-conformance observed is recorded by the auditor and reported to the auditee. Effort is made to know the cause of non-conformance and appropriate time bound corrective actions are taken.

The Head of the Institution and Head of the Department hold a meeting with the faculty members of the department to prepare the action to follow the suggestions and measures to be taken. He/ She guide the faculty for successful implementation.

6.5.3 Is there a central unit within the institution to review the teaching-learning process in an ongoing manner? Give details of its structure, methodologies of operations and outcome?

Yes, the academic audit team acts as a central body within the college to continuously review the teaching learning process.

Teaching – Learning process is reviewed by respective Head of the department through class committee meeting.

6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

IQAC contributes to institutionalizing quality assurance strategies & processes in the following

IQAC Functions:

1. Development & Application of quality bench mark parameters for various Academic and Administrative Activities of the institution.
2. Facilitating the creation of a learner-centric environment conducive to quality education & faculty maturation to adopt the required knowledge & technology for participatory teaching & learning process.
3. Arrangement for feedback response from students, parents & other stake holders on quality –related institutional process.

4. Dissemination of information on various quality parameters on higher education.
5. Organization of inter & intra institutional workshops, seminars on quality related themes & promotion of quality circles.
6. Documentation of the various programmes, activities leading to quality improvement. Development of quality culture in the institution.

a) Development and application of quality benchmarks, parameters for various academic activities of the institution.

1. Development and application of performance appraisal for the staff.
2. Reorganization of staff for producing centum results
3. Mandatory for the staff to develop research project, write articles and do publications.
4. Credit based increment system for the faculty.

b) Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process.

1. Guide the students to do clinical presentation with appropriate A.V aids.
2. Organize journal presentation for students by using PPT.
3. Conduct departmental wise catchy session for the students.

c) Arrangement for feedback response from students, parents and other stakeholders on quality- related institutional processes.

1. Formative and summative feedback is taken from the students and faculty.
2. The curriculum change is generated through feedback mechanism.
3. Promotes trends in teaching learning methods.
4. Promotes managerial and administrative decisions.

d) Dissemination of information on various quality parameters of higher education.

During orientation session of every academic year the students are well informed about the quality parameters like internal assessment, unit test, Sessional examination and model examination and assessment parameters are used to assess clinical performance like assessment format for case study, health education and clinical evaluation.

e) Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circle.

1. Institution encourages the faculty to organize and attend seminars workshops and conferences to maintain quality.
2. Institution insists to have lecture, discussion and presentation regarding quality maintenance.

f) Documentation of various programmes, activities leading to quality Improvement.

1. Institution insists the programme organizers to record the events as soon as it gets completed.
2. The advantages and disadvantages of every programmes and activity is assessed at the end of the event and suggestion are considered for future excellence.

6.5.5 How many decisions of the IQAC have been placed before the statutory authorities of the institution for implementation?

All the decisions of the IQAC are placed to relevant committee and almost all the decisions are implemented.

6.5.6 Are external members represented in the IQAC? If so, mention the significant contribution made by such members.

Yes. There are external members in the IQAC of the college according to the guidelines of NAAC, there are five external members provide valuable suggestions towards all round development of the college. The members are society, parents, alumni, hospitals and employers. Student's members actively participate in IQAC activities and represent the academic interest of the student community.

- Orientation programme for newly joined staff and students and their parents.
- Faculty members are encouraged to attend and organize workshops, seminars and conferences.
- Introduce credit based system to promote paper presentation and publication by the staff.
- Faculty development programme are implemented

6.5.7 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

- Institution facilitates students to receive SC, ST, Scholarship and First Graduate monitory benefits through government
- Maintaining quality is insisted right from selection of staff and students.
- Parameters of quality maintenance are disseminated to the staff and students in the day to day classes and meetings.
- Quality of the staff and students performance is assessed periodically both by formal and informal means.
- Institution has introduced revised performance appraisal for the faculty
- These quality culture promotion efforts taken by institution serve to achieve the goals and objectives of the institution.

6.5.8 Are there effective mechanisms to conduct regular clinical audit of the teaching hospital? Give details.

Nil, there are no mechanisms to conduct regular clinical audit of the teaching hospital.

6.5.9 Has the institution or hospital been accredited by any other national / international body?

No, the institution has not been accredited by any other national / international body

6.5.10 Does the hospital have institutional and individual insurance schemes to cover indemnity claims?

Nil

Any other information regarding Governance, Leadership and Management which the institution would like to include.

CRITERIA VII INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the institution conduct a Green Audit of its campus?

Yes, our institute conducts Green Audit twice a year. Environment awareness program is conducted once in every six months as part of which rally is done and pamphlets are issued.

7.1.2. What are the initiatives taken by the institution to make the campus eco-friendly?

*** Energy conservation**

- Solar power panel is placed by which solar energy is converted into electrical energy.
- There are stabilizers in the laboratory which ensure the regular supply of electricity to the machineries.
- All the members of the institution are conscious about the economic usage of electricity. Awareness is created among the students to minimize the electricity consumption by switching off the lights and fans while coming out of the class rooms.
- As the classes are well ventilated and natural sunlight is ample, the consumption of electricity is reduced.
- In addition to this, an automatic tripper is placed in each block, which hinders the passage of electricity when not in use.

*** Use of renewable energy**

- For the disposal of waste in the college 'compost' technique is adopted. All the waste is filled in a pit and after a period of few months, it is used as manure for the plants.
- Our institution is planning to construct a biogas plant from which energy can be produced and utilized.

*** Water harvesting**

- Rain water harvesting project has already been functioning in the college.
- Rain water is passed through a pipe which enters the earth.

*** Solar panels**

- Solar energy is used in the hostel.

*** Efforts for carbon neutrality**

- The teachers and students of YRC Unit visit nearby industries to create awareness on reducing carbon emission reduction.
- Many trees are planted in and around the city to reduce the pollution.

*** Plantation - Botanical or Medicinal significance**

- Tree plantation is done inside and outside the campus by the students of the institution.
- Our YRC units have adopted nearby villages, where tree plantation is done.
- The college issue trees to every student when they complete their graduation and insist them to plant it in their home.
- Every year around hundreds of trees are planted by Eco-Club of our college.

- * **Bio-hazardous waste management**
 - The college emits no hazardous waste.
 - The students are aware of hazardous waste from various industries like chemical, plastics, electronic, textile and starch factories.
 - The students and teachers of the college visit the nearby hospital to make them aware of hazardous effluent and measures to treat the effluent. Numbers of lectures have been organized in the college on hazardous waste management.
- * **E-waste management**
 - E-waste management is done by returning the older damaged batteries to the authorized distributor/vendor.
 - Other electronic wastages are surrendered to the Corporation which is destroyed safely by them.
- * **Effluent treatment and recycling plant**
Nil
- * **Recognition / certification for environment friendliness**
- * **Any other (specify)**

7.1.3 How does the institution ensure that robust infection control and radiation safety measures are effectively implemented on campus?

- Policies and practices are outlined for the robust infection control and radiation safety measures.
- The seminar and special classes conducted on topics like bio medical waste management, infection control and prevention

7.1.4 Has the institution been audited / accredited by any other agency such as NABL, NABH, etc.?

No.

7.2. INNOVATIONS

7.2.1. Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the institution.

- ✓ Newspaper reading is made compulsory to improve the language fluency and general knowledge of the students.
- ✓ The college has a central library which is enriched with more than 5 magazines, 10 journals, e-journals and 2000 books, text books, reference books, e- resources, audio-visual resources, CDs/DVDs, newspapers, employment news, etc. The library is fully computerized with DELNET and internet facility.
- ✓ Intimation of student's attendance status to the parents through SMS is done every day.
- ✓ Warning letter is sent to the parents whose ward lacks of attendance at the end of every month.
- ✓ Every six month, a feedback form is issued to the students regarding infrastructure and academic facilities, which is then scrutinized and action is taken.
- ✓ Our YRC units have adopted nearby villages to improve their health and hygiene facilities.

- ✓ Innovation day, a 3 day science exhibition is conducted every year to bring out the technical skills of the students.
- ✓ Anti-ragging committee is formed by the faculty members to prevent any unpleasant happenings.
- ✓ The college has a well equipped air conditioned computer lab with fifty computers.
- ✓ The college has a communication laboratory with special software to improve the students' language fluency.
- ✓ IELTS and TOEFL, coaching is compulsory for PG students, faculty members and outside members attend during weekends.
- ✓ "PHYSIOGALA" – the annual cultural sports meet is organized in the college campus to exhibit the students' artistic talents

7.3. BEST PRACTICES

7.3.1. Give details of any two best practices that have contributed to better academic and administrative functioning of the institution.

BEST PRACTICE I

Evidence based practice and research

Title:

Evidence based practice and research utilization in the clinical areas

Objectives:

- To provide evidence based data to deliver high quality care based on the best research.
- To resolve problems in the clinical setting while practicing.
- To achieve excellence in clinical setting / to achieve the quality assurance standards.
- To reduce variations in physiotherapy care and assist with effective decision making.
- To close the gap between the research and practice.

The Context:

Evidence based practice becomes a core requirement of contemporary physiotherapy practice. Physiotherapy has always used research to support the physiotherapy practice. This is called research utilization. The faculty members use of appropriate research strategies, the selection of best data bases and the best research outcomes are utilized in practice and teaching.

The Practice:

The faculty and the students use the five step process in their every day practice in the hospital:

1. Formulate a clinical question.
2. Gathering the best evidence to answer the question
3. Critical appraisal of the best evidences
4. Integration of the evidence with the clinician's own expertise, assessment of the patient's condition, available healthcare resources, and the patient's preferences and values to implement a clinical decision, and
5. Evaluation of the practice change as a result of implementing the evidence.

Evidence of success

The quality of nursing care is improved in the clinical setting. As well as the use of evidences increases the faculty and students confidence adaptability, improves their skills, of critical thinking and decision making.

Problem encountered:

In the clinical setting sometimes it is difficult to find time, access, and research expertise that are needed to search and analyze the evidence to find answers to their clinical questions.

BEST PRACTICE II**Promotion of scientific temper****Title**

Promotion of scientific temper among the staff and the students.

Objectives:

- Increase the number of research project among the staff & the students.
- Encourage interdisciplinary / multidisciplinary collaborative research efforts to introduce best practice in health care.
- Promote research critiquing skill.
- Insist adherence to ethical guidance.
- Encourage the faculty and students' honesty, integrity and avoid violation.

The Context:

Presenting of publishing research articles are an integral part of the professional life. These will not only help in obtaining research knowledge but also motivates to have number of projects in hand & it opens the way for best evidence based practice in health care profession.

The practice:

The first part of the practice includes encouraging the teacher and students to select current published research articles. Then write manuscripts and get it verified by the chair person of the research committee, then this is presented among the faculty and the students.

Evidence of success:

The faculties and students are benefited of their enrichment of research knowledge.

Problem encountered:

Lack of experience in preparing manuscript of the published research.

Any other information regarding innovations and best practices which the institution would like to include.

EVALUATIVE REPORT OF THE DEPARTMENT ORTHOPAEDICS

1. **Name of the Department**
Department of Orthopaedics.
2. **Year of establishment**
June 2002.
3. **Is the Department part of a college/Faculty of the university?**
Yes, this department is the part of college.
4. **Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)**
M.P.T (Advanced Physiotherapy in Orthopaedics)-2 Years.
5. **Interdisciplinary programs and departments involved?**
Nil
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
Nil
7. **Details of programs discontinued, if any, with reasons**
Nil
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**
Annual Pattern.
9. **Participation of the department in the courses offered by other departments.**
Nil
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

| | Sanctioned | Filled | Actual (including CAS & MPS) |
|-----------------------------|------------|--------|------------------------------|
| Professor | 1 | 1 | |
| Associate Professor/Reader | 2 | 4 | |
| Assistant Professor | 2 | 2 | |
| Lecturer | 1 | 0 | |
| Tutor / Clinical Instructor | 1 | 0 | |

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

| Sl. No | Name | Qualification | Designation | Specialization | No. of Years of Experience |
|--------|-------------------------------|---------------|---------------------|-----------------------------|----------------------------|
| 1 | Mr. V.Manivannan | M.P.T | Professor | Advanced PT in Orthopaedics | 12 Years and 3 Months |
| 2 | Ms. J.Sangeetha | M.P.T | Associate Professor | Advanced PT in Orthopaedics | 8 Years |
| 3 | Mr. P.K.Tamilnidhi | M.P.T | Associate Professor | Advanced PT in Orthopaedics | 6 Years and 11 months |
| 4 | Mr. K.V. Angusamy | M.P.T | Associate Professor | Advanced PT in Orthopaedics | 7 Years and 4 months |
| 5 | Mr. P.N. Sivakumar | M.P.T | Associate Professor | Advanced PT in Orthopaedics | 6 Years and 11 months |
| 6. | Mr. K.Anantharaj | M.P.T | Asst.Professor | Advanced PT in Orthopaedics | 5 Years and 5 months |
| 7. | Mr. J.Raja Vijaya Arivazhagan | M.P.T | Asst.Professor | Advanced PT in Orthopaedics | 3 Years and 2 months |

Mr.V.Manivannan is Chief Guest for the Industrial Seminar on “Medical applications of Ultrasonic waves” at Nandha Engineering College on 05.09.2014.

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

Senior Visiting Fellow: Dr.S.Senthil kumar M.P.T (Ortho)., P.hd., Chief coordinator BSS , Trichy.

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

Nil

14. Program-wise Student Teacher Ratio

UG : 9 : 1

PG : 3 : 1

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

| Staff | Sanctioned | Filled | Actual |
|------------------------|------------|--------|--------|
| Academic support staff | 1 | 1 | -- |
| Administrative staff | 1 | 1 | -- |

16. Research thrust areas as recognized by major funding agencies

Nil

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

Nil

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

Nil

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

Nil

20. Research facility / centre with

- state recognition
- national recognition
- international recognition

Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

* Number of papers published in peer reviewed journals (national / international)

Co-author, Paper published in International Congress on Renaissance in Sports on “Sports Trauma and Overuse Prevention” by Mr. V.Manivannan. (29th & 30th august 2014). (ISBN No: 978-81-908942-2-7)

* Monographs

* Chapters in Books

* Books edited

* Books with ISBN with details of publishers

| Book Name | Faculty name | ISBN No | Year of Publishing/ Publisher |
|---|---|-------------------|--|
| Hand book of physical examination in orthopedic condition | Prof. V.Manivannan K. Anantharaj K. V. Angusamy | 978-93-81830-53-6 | 2010/ Pallavi Publications S. India Pvt. Ltd, Erode. |
| Tamil book (பிஸியோதெரப்பியும் பயிற்சி முறையும்) | Prof. V.Vijayaraj J.Sangeetha | 978-81-908915-0-9 | 2012/Power Stone Publications, Chennai. |

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)

* Citation Index – range / average

* SNIP

* SJR

* Impact Factor – range / average

* h-index

23. Details of patents and income generated

Nil

24. Areas of consultancy and income generated

Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Our staff Mr. V.Manivannan and Mr.K.Anantharaj have been selected by the institution to visit MAN Loganathan Ortho and Trauma Care, Bhavani and Ganga hospitals, Coimbatore.

26. Faculty serving in**a) National committees b) International committees c) Editorial Boards d) any other (specify)**

- Mr.V.Manivannan serves as the Secretary of the college alumni.
- Mr.V.Manivannan serves as a member of the Institutional Ethical committee in the editorial board.
- Mr.V.Manivannan serves as JCI member in Erode.
- Mr.V.Manivannan serves as the member in Board of Committee in Dr .M.G.R Medical University, Chennai.
- Mr.V.Manivannan also serves as the Secretary of the MANITHAM trust.

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

| Sl. No | Date | Topic | Venue |
|--------|--------------------------------|--|----------------------------|
| 1. | 20-22 Sep 2002 | NATCON – IASO Current Trends in Oncology | Ooty. |
| 2. | 24, 25 th June 2006 | Spine Today Conference on Spine Surgery | Coimbatore |
| 3. | 16, June 2008 | Evidence Based practice of functional Electrical Stimulation in Acute stroke | Coimbatore |
| 4. | 2 nd April 2011 | Surgical Intervention and Rehabilitation | Coimbatore |
| 5. | 21 st Sep 2013 | Nutrition Course | Coimbatore |
| 6. | 30 th Nov 2013 | National conference on traumatic brain injury. | KMCH Hospital, Coimbatore. |
| 7. | 15,16 March2013 | Indian Association of Sports Medicine conference on “sports rehabilitation”. | Ganga Hospital Coimbatore. |
| 8. | 22 nd June 2014 | Operative Knee Course | Ortho One, Coimbatore |
| 9. | 5,6 April2014 | Paediatric orthopaedics conference | Coimbatore |
| 10. | 20, April2014 | Lower limb biomech ankle & insole management | Coimbatore |
| 11. | 7, Sep 2014 | Musculo skeletal conditions& cerebral palsy management | Salem |

Many workshops /seminars have also been conducted in our college as a refresher course for our staffs and students.

| Sl. No | Date | Topic |
|--------|---------------|-------------------------------|
| 1. | 19th Feb 2014 | Shoulder Examination |
| 2. | 23rd Oct 2013 | Peripheral Joint Mobilization |
| 3. | 2nd Feb 2013 | Geriatric Rehabilitation |
| 4. | 5th Oct 2012 | Radiological Examination |
| 5. | 23rd Feb 2011 | Hand Rehabilitation |
| 6. | 28th Oct 2010 | Postural Awareness |
| 7. | 2009 | Shoulder Rehabilitation |

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects

| Batch | MPT(Advanced PT in Physiotherapy) | BPT |
|---------|-----------------------------------|-----|
| 2013-14 | 100% | 25% |
| 2012-13 | 100% | 40% |
| 2011-12 | 100% | 9% |

- percentage of students doing projects in collaboration with other universities / industry / institute

Nil

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

| Sl. No | Date | Topic | Source of fund |
|--------|---------------------------|-------------------------------|-----------------|
| 1. | 19 th Feb 2014 | Shoulder Examination | Department fund |
| 2. | 23 rd Oct 2013 | Peripheral Joint Mobilization | Department fund |
| 3. | 2 nd Feb 2013 | Geriatric Rehabilitation | Department fund |
| 4. | 5 th Oct 2012 | Radiological Examination | Department fund |
| 5. | 23rd Feb 2011 | Hand Rehabilitation | Department fund |
| 6. | 28 th Oct 2010 | Postural Awareness | Department fund |
| 7. | 2009 | Shoulder Rehabilitation | Department fund |

31. Code of ethics for research followed by the departments

The Department is committed to undertake research with scientific integrity and in conformity with the accepted code of principles on Good Research Practices.

All researchers follow the standard procedures for conducting research laid down by relevant scientific and professional bodies.

32. Student profile program-wise:

| Name of the Program (refer to question no. 4) | Applications received | Selected | | Pass percentage | |
|--|--------------------------|----------|--------|-----------------|--------|
| | | Male | Female | Male | Female |
| Advanced Physiotherapy in Orthopaedics (2013-14) | 4 | 2 | 2 | 50% | 50% |
| Advanced Physiotherapy in Orthopaedics (2012-13) | 4 | 1 | 3 | 25% | 75% |
| Advanced Physiotherapy in Orthopaedics (2011-12) | 4 | | 4 | - | 100% |
| Advanced Physiotherapy in Orthopaedics (2010-11) | 4 | 2 | 1 | 50% | 25% |

33. Diversity of students

| Name of the Program (refer to question no. 4) | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|--|---|--|---|---|
| P.G(2013-14) | 75% | 16.6% | 8.3% | NIL |
| P.G(2012-13) | 100% | NIL | NIL | NIL |
| P.G(2011-12) | 100% | NIL | NIL | NIL |
| P.G(2010-11) | 100% | NIL | NIL | NIL |

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

Nil

35. Student progression

| Student progression | Percentage against enrolled |
|---------------------------------|-----------------------------|
| UG to PG | |
| PG to M.Phil, DM / M Ch / DNB | |
| PG to Ph.D. | Nil |
| Ph.D. to Post-Doctoral | |
| Employed | |
| ➤ Campus selection | 50% |
| ➤ Other than campus recruitment | 50% |
| Entrepreneurs | |

36. Diversity of staff

| Percentage of faculty who are graduates | |
|--|------|
| of the same university | 100% |
| from other universities within the State | Nil |
| from universities from other States | Nil |
| from universities outside the country | |

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

Nil

38. Present details of departmental infrastructural facilities with regard to

| | | |
|--|---|-----|
| a) Library | - | 1 |
| b) Internet facilities for staff and students | - | 2 |
| c) Total number of class rooms | - | 1 |
| d) Class rooms with ICT facility and 'smart' class rooms | - | 1 |
| e) Students' laboratories | - | Nil |
| f) Research laboratories | - | Nil |

39. List of doctoral, post-doctoral students and Research Associates**a) from the host institution/university**

Nil

b) from other institutions/universities

Nil

40. Number of post graduate students getting financial assistance from the university.

Nil

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

Nil

42. Does the department obtain feedback from**a. Faculty on curriculum as well as teaching-learning-evaluation?**

If yes, how does the department utilize the feedback?

Yes, by periodical suggestion given to revise the syllabus and also in methods of teaching.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, all their suggestions are considered for further development based on the feedback, the staff members are advised, to handle/change their methods of teaching suiting to the basic needs of the students.

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

Their valuable suggestions are taken into consideration.

- suggestion given regarding Syllabus
- Placement will also be provided by our Alumni.

43. List the distinguished alumni of the department (maximum 10)

| Sl. No | Name | Year of pass out | Present Location |
|--------|-----------------------|------------------|--------------------|
| 1. | G.Karunanithi | April 2006 | Thithutharaipoondi |
| 2. | D.Shanthi | April 2006 | Salem |
| 3. | S Jayanthi | April 2007 | Delhi |
| 4. | J.Stanley | April 2007 | Nagerkovil |
| 5. | T.Gopinath | April 2009 | Erode |
| 6. | D.Tamilarasi | April 2009 | Bangalore |
| 7. | J.Joshua Ezhil selvan | April 2010 | Chennai |
| 8. | Anusha J.V.Carolin | April 2011 | Mumbai |
| 9. | B.DeviArunya | April 2008 | Bangalore |
| 10. | M.R.Shinoj | April 2009 | Trivandrum |

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

| Sl.no | Date | Topic | Resource Person |
|-------|----------------------------|-------------------------------|---|
| 1. | 19 th Feb 2014 | Shoulder Examination | Dr. Pradeep Balasubramaniyam MS (Ortho) |
| 2. | 23 rd Oct 2013 | Peripheral Joint Mobilization | Mr. Ayappan MPT |
| 3. | 2 nd Feb 2013 | Geriatric Rehabilitation | Mr.Kannan MPT |
| 4. | 5 th Oct 2012 | Radiological Examination | Mr. Vijay Ferdinand |
| 5. | 23 rd Feb 2011 | Hand Rehabilitation | Mr.Jegadeesan MOT |
| 6. | 28 th Oct 2010 | Postural Awareness | Ms.R.Vishnu Priya |
| 7. | 6 th April 2009 | Shoulder Rehabilitation | Dr.J.Soundarajan Comt. (AUS) |

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

The teaching methods adopted by the faculty for different programs are as follows

1. Lecture method.
2. PPT.
3. Chair side teaching.
4. Seminars.
5. Hands on Techniques.
6. Quiz/Debate.
7. Case Based Learning.
8. Workshop.
9. Home Assignments.
10. Dissertation.

1. Lecture method

1. Applied anatomy.
2. Biomechanics & Kinesiology of Human motion and Work Physiology.
3. Physiotherapy in post operative management of metabolic, hormonal, neoplastic and infective conditions of bones and joints.
4. Kinetic and kinematics analysis for various functional activities.
5. Assessment of loco motor impairments, disabilities and disability evaluation.
6. Rehabilitation of paediatric musculoskeletal disorders.
7. Orthopaedic implants-designs, materials, indications, post-operative assessment and training.

2. PPT

1. Clinical Symptomatology, Path physiology and Patho-mechanics of musculoskeletal conditions.
2. Physiotherapy management following fractures, dislocations and their complications, Amputations, cumulative trauma disorders and burns.
3. Physiotherapy following arthroplasty, implants and soft tissue repairs.
4. Pre & post operative physiotherapy in tendon transfer. Electrical stimulation and biofeedback procedures.
5. Physiotherapy management of locomotor disorder, principles of medical and surgical aspects, sports psychology and retraining.
6. Neurological complications of locomotor disorders.
7. Manual therapy: soft tissue manipulations and mobilization, neural mobilization.
8. Pilates-school of thought, Chiropractic school of thought, Osteopathic school of thought.

3. Chair side teaching

1. Clinical assessment and rationale of Laboratory investigations along with differential diagnoses.
2. Functional assessment (Hand function, Gait, Posture A.D.L; occupational work).

3. Analysis and classification of sports and sports specific injuries and its management.
4. External aids, appliances, adaptive self-help devices; prescription, biomechanical compatibility, check-out and training.

4. Seminars

1. Anatomy of shoulder.
2. Anatomy of hip.
3. Osteology of pelvis.
4. Biomechanics of knee joint.
5. Biomechanics of lumbar movement.
6. Mechanism of fracture.
7. Mechanism of sports injury.
8. Assessment of spinal fractures.
9. Assessment of soft tissue injury.
10. Management of replacement surgery.

5. Hands on Techniques

1. Physiotherapy management in degenerative disorders and allied conditions.
2. Hand Rehabilitation.
3. Management of sport injuries, sports fitness.
4. Myofascial Release technique and Muscle Energy technique.

6. Quiz/Debate

1. On basic anatomy.
2. On basic physiology.
3. On skeletal injury.
4. On soft tissue injury.
5. On recent advancement in physiotherapy field.

7. Case Based Learning.

1. Discussion on causes for anterior knee pain.
2. Discussion on causes of shoulder instability in swimmers.
3. Discussion on low back pain in bus drivers.
4. Discussion on role of lumbar stabilization exercises on disc prolapsed patients.
5. Discussion on role of physiotherapy in post operative cases.

8. Workshop

Concepts of Maitland mobilization for peripheral joints.

9. Home Assignments

1. General Orthopaedic assessment.
2. Classification of various fractures.
3. Kinematic and kinetics of human locomotion.
4. Kinematic and kinetics of throwing Joints loose pack and close pack positions.
5. Ergonomic advice for lifting weight.
6. Various examples of Closed and open kinematic exercises.
7. Does and don'ts after hip replacement.
8. Pain gate theories.
9. PRE.

10. Dissertations (approved)

| | | |
|--------------------------|----------|---|
| Gopinath T | 27092001 | A Comparison Study on Efficacy of Counter Elbow Brace and Proprioception Exercises in Subjects with Lateral Epicondylitis |
| Rajavijaya Arivazhagan J | 27092002 | A Comparative Study to Find out the effects of Capsular Stretching Over Muscle Energy Technique in the Management of Frozen Shoulder |
| Shinoj M.R | 27092003 | A Comparative Study on Effectiveness of laser Therapy Versus Cyriax Technique in Reducing Pain on Acute Lateral Epicondylitis |
| Thamilarasi D | 27092004 | Effectiveness of Pilates Based Exercises for Reducing Pain and Disability in Chronic Low Back Pain Patients |
| Joshua Ezhil Selvan J | 27102001 | Comparison of the effectiveness of Bracing (Counter - Force forearm Brace) Vs Tapping (MacDonald) in patients with Lateral Epicondylitis |
| Mayengbam Sankila Devi | 27102002 | A Study to Determine the Effect of Dynamic Soft Tissue Mobilization of Hamstring Flexibility in Healthy Subject |
| Ramaraju S | 27102004 | A Comparative Study of Effectiveness of Self Snags Versus Neck Strength Training alone with Conventional Physiotherapy in Chronic Neck Pain. |
| Anusha J.V.Carolin | 27111081 | A Study to Determine the Effect of Low Level Laser Therapy and Plyometrics over Placebo Low level Laser Therapy and Plyometrics in Patient with Lateral Epicondylitis |
| Nishira Mamutty | 27111082 | A Comparative Study in Effectiveness of Muscle Energy Technique along with Moist Heat Therapy Vs Capsular Stretching in Patients with Periathritis Shoulder |
| Pradeepa Surendran | 27111083 | A Comparative Study to find out the effects of Capsular Stretching Over Muscle Energy Technique in the Management of HGAC Syndrome |
| Shakitha A | 27111084 | Effectiveness of Electrical Stimulation of Vastus Medialis alone Vs Electrical stimulation of Vastus Medialis with Stretching of Lateral Thigh Muscles in Patellofemoral Pain Syndrome. |

| | | |
|---------------|-----------|--|
| Eunice Vidhya | 271210063 | A Comparative Study to determine the effectiveness of prone lying lumbar traction Vs Supine lumbar traction along with McGill lumbar stability exercise in the management chronic low back pain. |
|---------------|-----------|--|

11. Dissertations (Submitted)

| Name | Reg no | Topic |
|------------------|-----------|---|
| Betsy Sara Paul | 271210062 | A Comparative Study on The Efficacy of Thrust and Nonthrust Manipulation and Exercises With or Without The Addition of Myofascial Therapy for The Management of Acute Inversion Ankle Sprain. |
| Ahanthem Deepali | 271210061 | Effect of MCKENZIE Exercise on Pain and Functional Disability in Patients which Mechanical Low Back Pain. |
| Vikram.k | 271210064 | A Comparison of Kinesio taping, Functional Bracing and Ultrasound on the Pain and Functional Impairment among Lateral Epicondylitis. |

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

According to the university syllabus of The Tamil Nadu Dr M.G.R Medical University, Chennai, the Master Degree in Physiotherapy (Advanced P.T. in Orthopaedics) is a two year program consisting of classroom teaching, self academic activities and clinical postings.

In the first year theoretical basis of fundamental Physiotherapy subjects are refreshed. In the second year, the students learn on the clinical conditions, physiotherapy assessment and advanced techniques in their specialty. During these two years, the students will be posted in their area of specialty.

The learning program includes seminars, journal reviews, case presentations, case discussions, clinical training and classroom teaching. Some of the clinical postings are provided at other reputed centers in the country in order to offer a wider spectrum of experience.

The students are encouraged to attend conference and workshop to enhance their knowledge during their entire course of the study. University examinations are held at the end of first and second year. To fulfill their course completion, the students are required to complete and submit their dissertation.

MONITORING THE PROGRESS OF STUDIES

Maintenance of Log Book

Every post graduate shall maintain a record of skills (Log book) he/she has acquired during the two years training period certified by the various heads of the department where he/she has undergone training. The candidate is also required to participate in the teaching and training program for the Undergraduate students. In addition the Head of the department shall involve the post graduate students in seminars and journal, group discussions and participation in conferences. The Head of the department shall scrutinize the log book once in every three months. At the end of the course, the candidate

should summarize the contents and get the log book certified by the Head of the department.

Periodic Tests

The college may conduct periodic tests including written theory papers, practical and orals in the pattern of university examination. Records and marks obtained in such tests will be maintained by the Head of department and sent to the university, when called for.

Attendance Requirements for Admission to Examination

No candidate shall be permitted to appear for the examination unless he/she puts in 90% attendance during his/her period of study and training in the affiliated institutions recognized by this university and produces the necessary certificates of study attendance and progress from head of institution.

47. Highlight the participation of students and faculty in extension activities.

The Students are highly participated in awareness Physiotherapy Rally on behalf of World Physiotherapy Day conducted by IAP Erode district branch.

48. Give details of “beyond syllabus scholarly activities” of the department.

Our students are sent for ortho and sports injuries and first aid camps conducted in various institutions around erode and also sent in our sister institutions.

| Sl. No | Date | Event | Venue |
|--------|---------------|--|---|
| 1. | November 2012 | National level handball competition | Surya Engineering College, Mettu Kadai. |
| 2. | October 2013 | National level handball competition | Vidhya Mandhir College of Engineering, Chennimalai. |
| 3. | November 2013 | State Level Kabadi Competition | Nandha Arts And Science College, Koorapalayam |
| 4. | November 2013 | National level skating cricket competition | Nandha Central School, Koorapalayam. |

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details

Nil

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The monthly subscription of journals, LAN connectivity available for, Article citations, References search recent trends in physiotherapy, Literature review and search.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

1. Academic programmes with unique curriculum.
2. Sound Financial status of the management.
3. Dynamic, Young faculty guided by senior faculty with experience.

4. Well placed Alumni.
5. MoUs with Multispecialty hospital's.

Weakness

1. Non Availability of getting financial assistance from external sources.
2. Library to be expanded to cater to growing research needs.
3. Extension activities needs improvement.

Opportunities

1. Interdisciplinary programmes.
2. New Initiatives.
3. Establishing Biomedical Research Cell.
4. Establishing Wellness Centre.
5. Demands for jobs in abroad.
6. Good employment opportunities.

Challenges

1. Changing Social and economical scenario leading to unpredictable future.
2. Coping with rapid changing and the requirements to improve the employability of the students are the biggest challenge for an Institution affiliated to a University.
3. Declining supply of quality faculty, doctorates as well as exposing the teaching faculty to the Hospital scenario.

52. Future plans of the department.

1. To strengthen the existing Laboratory.
2. To strengthen the existing Library.
3. To start PhD Programs in our department.
4. New innovation protocol should be administered.
5. To get Pattern Rights for New inventory physiotherapy technique.
6. New hospital under construction.
7. To start a hydrotherapy unit.

EVALUATIVE REPORT OF THE DEPARTMENT NEUROLOGY

1. Name of the Department

Advanced PT in Neurology

2. Year of establishment

The Neurology Department was established in the year 2002

3. Is the Department part of a college/Faculty of the university?

Yes, the Department is the part of our institutions and it is affiliated to Dr.M.G.R Medical University, Chennai.

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

M.P.T (ADVANCED PHYSIOTHERAPY IN NEUROLOGY)- 2 years

5. Interdisciplinary programs and departments involved

Nil

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Nil

7. Details of programs discontinued, if any, with reasons

Nil

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

The Examination System of our Neurology Department is Annual Pattern.

9. Participation of the department in the courses offered by other departments

Nil

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

| | Sanctioned | Filled | Actual (including CAS & MPS) |
|-----------------------------|------------|--------|------------------------------|
| Professor | 1 | 1 | |
| Associate Professor/Reader | 1 | 1 | |
| Assistant Professor | 2 | 2 | |
| Lecturer | | | |
| Tutor / Clinical Instructor | 2 | 2 | |

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

| Sl . No | Name | Qualification | Designation | Specialization | No. of Years of Experience |
|---------|-------------------|-------------------------|---------------------|--------------------------|----------------------------|
| 1 | Prof. V.Vijayaraj | M.P.T.,M (Acu)., DVMS., | Professor | Advanced PT in Neurology | 8Years and 1 month |
| 2 | S.Venkatakrishnan | M.P.T | Associate Professor | Advanced PT in Neurology | 7 years and 7 months |
| 3 | A.Sabiya | M.P.T | Assistant Professor | Advanced PT in Neurology | 3 Years and 11 months |
| 4 | P.Duraisamy | M.P.T | Assistant Professor | B.P.T | 2 years and 10 months |
| 5 | N.Sathyamoorthi | B.P.T | Clinical Instructor | B.P.T | 4 years and 10 months |
| 6. | K.Tamil Ellakkiya | B.P.T | Clinical Instructor | B.P.T | 1 year |

PROFILE

Name: V.Vijayaraj M.P.T., M (Acu). DVMS.,

Designation: HoD- Department of Neurology

Social Activities

- Conducted two times Mega Physiotherapy Rally in Erode on behalf of World Physiotherapy Day to create awareness among Public People during the year 2011 and 2012.
- Conducted a Free Physiotherapy Camp to create awareness among Public People on behalf of World Stroke Day in Sabari Specialty Hospital, Erode.
- Given one awareness Class for Kalaimagal kalvi Nilayam NSS students at Solar, Erode.

Project Work

Project-1(BPT) - Cervical Spondylosis

Project-1(MPT) - The effectiveness of task oriented circuit training in improving lower limb motor activities in stroke patients.

Conference's Attended

| Sl. No | Topic | Date |
|--------|---|---|
| 1. | 2 nd international conference on manual therapy conducted by INTERCOMAT 2006 held at Kamani Auditorium | 28 th & 29 th October 2006 |
| 2. | International conference conducted by Saveetha College STRIDE'13 | October 18 th and 19 th 2013. |
| 3. | National conference conducted by KMCH college Traumatic Brain Injury | 30.11.13 |

Workshop Attended

| Sl. No | Topic | Date |
|--------|---|--|
| 1. | Sensory integration and NDT | 16 th -18 th Dec 2005 |
| 2. | Rehabilitation for neurogenic bladder and dysfunction | 21 th Dec 2005. |
| 3. | Electrophysiology and electro diagnosis | 22 nd & 23 rd Jan 2006 |
| 4. | Mulligan concepts | 26 th and 27 th Oct 2006 |
| 5. | CPEP on disaster management, Motor Relearning Program, Basic concepts of McKenzie's approach. | 21 st Dec 2006 |
| 6. | State level Workshop in Spinal Manipulation (An Integrated Approach) | 17 th and 18 th Nov 2009 |
| 7. | Multidimensional Physiotherapy Care | 22 nd Jan 2011 |
| 8. | Integrated Manual Physical Therapy | 23 rd Jan 2011 |
| 9. | CPE Program on Trends in Physiotherapy | 30.7.2003 |
| 10. | CME on Sports injuries at Ganga Hospital | 15.3.13 |

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

Yes, the following members were the Visiting Fellows for our Neurology Department are as follows

1. Dr.P.G.Rajkumar M.P.T (Neuro). P.hd. from Vivekananda Medical College and Hospital, Tiruchengode, Erode
2. Dr.Ashok P.hd from chitra trust, Erode
3. Mr.Kumar Zonal Manager Techomed, Chennai.

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

Nil

14. Program-wise Student Teacher Ratio

The student teacher ratio is 3:1(P.G)

The student teacher ratio is 9:1(U.G)

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

| Staff | Sanctioned | Filled | Actual |
|------------------------|------------|--------|--------|
| Academic support staff | 1 | 1 | -- |
| Administrative staff | 1 | 1 | -- |

16. Research thrust areas as recognized by major funding agencies

Nil

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

Nil

18. Inter-institutional collaborative projects and associated grants received

- a. National collaboration b) International collaboration**

Nil

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

Nil

20. Research facility / centre with

- state recognition
- national recognition
- international recognition

Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies

Not applicable

22. Publications:

- * Number of papers published in peer reviewed journals (national / international)
- * Monographs
- * Chapters in Books
- * Books edited
- * Books with ISBN with details of publishers

| | | | |
|---|----------------------------------|-------------------|--|
| Tamil book (பிஸியோதிரப்பியும் பயிற்சி முறையும்) | Prof. V.Vijayaraj J.Sangeetha | 978-81-908915-0-9 | 2012/Power Stone Publications, Chennai. |
| Evidence based practice in physiotherapy | A.Sabiya Pradeepa Surendran | 978-81-908915-1-6 | 2012/Power Stone Publications, Chennai. |

- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
- * Citation Index – range / average
- * SNIP
- * SJR
- * Impact Factor – range / average
- * h-index

23. Details of patents and income generated

Nil

24. Areas of consultancy and income generated

Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Our staff Mr. V.Vijayaraj and Mrs. A. Sabiya have been selected by the institution to visit Siva Sakthi Hi-Tech Physiotherapy Rehabilitation Center, Bhavani and KMCH hospitals, Coimbatore.

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify)

- Mr.V.Vijayaraj serves as IAP Erode district Convenor from 2009
- Mr. V.Vijayaraj also serves as the President of the college alumni.
- Mr. V.Vijayaraj serves as a member of the Institutional Ethical committee in the editorial board.
- Ms A.Sabiya serves as a member of the Institutional Ethical committee in the editorial board
- Ms A.Sabiya serves as guest lecture for postural awareness for staffs conducted by Nandha Arts College.
- Ms.A.Sabiya serves as guest lecture for balance and diet for women conducted by Nandha Arts College.

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

| Sl. No | Topic | Date | Venue |
|--------|--|--|------------------------------|
| 1 | Indian Association of Sports Medicine conference on "sports rehabilitation". | 15 th to 17 th March 2013 | Ganga Hospital Coimbatore. |
| 2 | Stride '13 | 18 th & 19 th October 2013 | Saveetha University, Chennai |
| 3 | National conference on traumatic brain injury. | 30 th Nov 2013 | KMCH Hospital, Coimbatore. |

Many workshops /seminars have also been conducted in our college as a refresher course for our staffs and students.

| Sl. No | Date | Topic |
|--------|---------------------------|--|
| 1. | 24 th Jan 2014 | Integrated approach in stroke |
| 2. | 19 th Sep 2013 | CME on Neuroplasticity and its application in Rehabilitation |
| 3. | 29 th Oct 2013 | International stroke day |
| 4. | 19 th Oct 2012 | CME on NDT& its application in cerebral palsy |
| 5. | 21 st Sep 2011 | PT NEUROLOGICAL ASSESSMENT |
| 6. | 30 th Sep 2010 | CME On Spinal Cord Injury |

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects

| Batch | MPT(Advanced PT in Physiotherapy) | BPT |
|---------|-----------------------------------|-----|
| 2013-14 | 100% | 40% |
| 2012-13 | 100% | 40% |
| 2011-12 | 100% | 20% |

- percentage of students doing projects in collaboration with other universities / industry / institute

Nil

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

| Sl. No | Date | Topic | Source of fund |
|--------|---------------------------|--|-----------------|
| 1. | 24 th Jan 2014 | Integrated approach in stroke | Department fund |
| 2. | 19 th Sep 2013 | CME on Neuroplasticity and its application in Rehabilitation | Department fund |
| 3. | 29 th Oct 2013 | International stroke day | Department fund |
| 4. | 19 th Oct 2012 | CME on NDT& its application in cerebral palsy | Department fund |
| 5. | 21 st Sep 2011 | PT Neurological Assessment | Department fund |
| 6. | 30 th Sep 2010 | CME On Spinal Cord Injury | Department fund |

31. Code of ethics for research followed by the departments

The Department is committed to undertaking research with scientific integrity and in conformity with the accepted code of principles on Good Research Practices. All researchers follow the standard procedures for conducting research laid down by relevant scientific and professional bodies

32. Student profile program-wise:

| Name of the Program (refer to question No. 4) | Applications received | Selected | | Pass percentage | |
|--|-----------------------|----------|--------|-----------------|--------|
| | | Male | Female | Male | Female |
| Neurology (2013-14) | 2 | 1 | 1 | 50% | 50% |
| Neurology (2012-13) | 2 | 1 | 1 | 50% | 50% |
| Neurology (2011-12) | 2 | | 2 | - | 100% |
| Neurology (2010-11) | 2 | 2 | 0 | 100% | - |

33. Diversity of students

| Name of the Course (refer to question no. 4) | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|--|--|--|---|------------------------------------|
| U.G | 100% | NIL | NIL | NIL |
| P.G | 100% | NIL | NIL | NIL |

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

No, students are not clear their exams like Civil services and other competitive exams.

35. Student progression

| Student progression | Percentage against enrolled |
|---------------------------------|-----------------------------|
| UG to PG | |
| PG to M.Phil, DM / M Ch / DNB | |
| PG to Ph.D. | Nil |
| Ph.D. to Post-Doctoral | |
| Employed | |
| ➤ Campus selection | 100% |
| ➤ Other than campus recruitment | |
| Entrepreneurs | |

36. Diversity of staff

| Percentage of faculty who are graduates | |
|--|---|
| of the same university | |
| from other universities within the State | |
| from universities from other States | 1 |
| from universities outside the country | |

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

Nil

38. Present details of departmental infrastructural facilities with regard to

| | | |
|--|---|-----|
| a) Library | - | 1 |
| b) Internet facilities for staff and students | - | 2 |
| c) Total number of class rooms | - | 1 |
| d) Class rooms with ICT facility and 'smart' class rooms | - | 1 |
| e) Students' laboratories | - | Nil |
| f) Research laboratories | - | Nil |

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

a) from the host institution/university

Nil

b) From other institutions/universities

Nil

40. Number of post graduate students getting financial assistance from the university.

No, there is no such student getting financial assistance from the university.

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

Nil

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation?

If yes, how does the department utilize the feedback?

Yes, by periodical suggestion regarding syllabus and methods of teaching were obtained.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, all their suggestions are considered for further development based on the feedback, the staff members are advised, to handle/change their methods of teaching suiting to the basic needs of the students

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

Their valuable suggestions are taken into consideration.

- Syllabus revised accordingly
- Placement will also provided by our Alumni

43. List the distinguished alumni of the department (maximum 10)

| Sl. No | Name | Year of pass out | Present Location |
|--------|-------------------------|------------------|------------------------------------|
| 1. | G. Mary Antony Beena | April 2006 | Senior Physiotherapist-Dubai |
| 2. | V.Kavitha | April 2006 | Private Clinic-Chennai |
| 3. | G.Balaji | April 2009 | Physiotherapy Assistant-Singapore |
| 4. | M. Ramya | April 2011 | Private Clinic-Bangalore |
| 5. | A. Nandhakumar | April 2010 | Private Clinic-Coimbatore |
| 6. | K. Sarumathi | April 2012 | Supreme Orhto-Erode |
| 7. | J.Jackson Dany | April 2010 | Private Clinic-Erode |
| 8. | C.Mullaimathi vandhanam | April 2011 | JuniorPhysiotherapist Vellore |
| 9. | K.Anandhi | April 2006 | Professor- Gujarat |
| 10. | N.Mohan | April 2004 | Senior Physiotherapist-Pondicherry |

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

- Lectures
- Seminars
- Workshops
- Project
- Industrial trips
- Communication Lab
- Anatomy and Physiology museum.

| Sl. No | Date | Topic | Resource Person |
|--------|---------------------------|--|---|
| 1. | 24 th Jan 2014 | Integrated approach in stroke | Dr. S.K. Raj Kumar |
| 2. | 19 th Sep 2013 | CME on Neuroplasticity and its application in Rehabilitation | Dr.Vishnu Priya M.P.T |
| 3. | 29 th Oct 2013 | International stroke day | Mr.V.Vijayaraj M.P.T Dr.A.Sabiya M.P.T |
| 4. | 19 th Oct 2012 | CME on NDT and its application in cerebral palsy | Dr.Bramatha(M.P.T) |
| 5. | 21 st Sep 2011 | PT Neurological Assessment | Mr. A.Ayappan MPT |
| 6. | 30 th Sep 2010 | CME On Spinal Cord Injury | Dr.G.Ramkumar DM(Neuro) |

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

The teaching methods adopted by the faculty for different programs are as follows

1. Lecture method.
2. PPT.
3. Chair side teaching.
4. Seminars.
5. Hands on Techniques.
6. Quiz/Debate.
7. Case Based Learning.
8. Conferences and CME Programs.
9. Workshop.
10. Home Assignments.
11. Dissertations.

Lecture Method

11. Neurological evaluation.
12. Neurophysiology of balance, coordination and locomotion.
13. Pathophysiology and management of tonal abnormalities.
14. Bladder and bowel dysfunction and its rehabilitation.
15. Speech and language disorders and rehabilitation.
16. Drugs used in neurological rehabilitation.
17. Fitness and exercise prescription for neurological population.
18. Disability evaluation and management.
19. Psychiatric disorders.
20. Yoga in neurological rehabilitation.

PPT

1. Primitive reflexes.
2. Cerebral palsy.
3. Spina bifida.
4. Hydrocephalus.
5. Principles of clinical neurodiagnosis and investigation.
6. Perception testing and training.
7. Neurological approaches.
8. Facilitatory and inhibitory techniques.
9. Electro diagnosis.

10. Evaluation of ANS dysfunction with reference to psychophysiological testing.
11. Biofeedback training.
12. Functional electrical stimulation.
13. Theories of motor control and motor learning, and their applications.
14. Cerebrovascular accident.
15. Traumatic brain injury.
16. Traumatic spinal cord injury.
17. Spinal tumours.
18. Brain tumours.
19. Peripheral nerve injuries.
20. Peripheral neuropathies.
21. Multiple sclerosis.
22. Bell's palsy.
23. Vestibular rehabilitation.
24. Oromotor rehabilitation.
25. Movement disorders & Parkinson's disease.
26. Muscular dystrophy.
27. Myopathies.
28. Transverse myelitis.

Chair side teaching

1. Higher function testing.
2. Cranial nerve examination.
3. Sensory system and motor system examination.
4. Adverse neural tissue tension tests in upper limb and lower limb.
5. Special signs in neurological evaluation.

Seminar

1. Normal sequential behavioural and physiological changes throughout the developmental arc.
2. Evaluation scales and assessment methods used in neurological rehabilitation.
3. Neuropsychological functions.
4. Facilitatory and inhibitory techniques.
5. Cranial nerve disorders.
6. ADL and functional activities.
7. Metabolic disorders of nervous system.
8. Community based rehabilitation for neurological conditions.
9. Down syndrome.
10. Autism.
11. Minimum brain damage.
12. Meningitis, encephalitis.
13. Motor neuron disease.
14. Neuromuscular junction disorders.
15. Poliomyelitis, Post-polio syndrome.
16. Recent advances in neurological rehabilitation.

Hands on experience

1. Neurological evaluation.
2. Primitive reflex evaluation.
3. Aids and appliances in neurologic disorders.

4. Stretching techniques.
5. Strengthening.
6. Muscle re-education/Electrical stimulation.
7. Mat exercises.
8. Balance exercises.
9. Frenkel's exercises.
10. Gait training.
11. Relaxation exercises.
12. Aerobic exercises.
13. Facilitatory and inhibitory techniques.
14. Movement analysis.

Quiz

1. Anatomy of the nervous system.
2. Physiology of the nervous system.

Case based learning

1. Neurological evaluation.
2. Primitive reflexes.
3. Cerebral palsy.
4. Spina bifida.
5. Hydrocephalus.
6. Down's syndrome.
7. Autism.
8. Syringomyelia.
9. Assessment and management of neurological gaits.
10. Higher functions –testing and training.
11. Cognitive disorders and its rehabilitation.
12. Vestibular disorders and its rehabilitation.
13. Neurological approaches – Roods, Bobath, Brunnstroms, SI, PNF, Vojta, MRP.
14. Cerebrovascular accident.
15. Traumatic brain injury.
16. Traumatic spinal cord injury.
17. Spinal tumours.
18. Brain tumours.
19. Oromotor rehabilitation.
20. Bells Palsy.
21. Meningitis, encephalitis.
22. Multiple sclerosis.
23. Motor neuron disease.
24. Peripheral nerve injuries.
25. Peripheral neuropathies.
26. Neuromuscular junction disorders.
27. Poliomyelitis, Post-polio syndrome .

Conferences and CME Programs

- Attended international conference conducted by Saveetha College STRIDE'13 held at Chennai on October 18th and 19th 2013.
- Attended national conference conducted by KMCH college Traumatic Brain Injury on 30.11.13.

Workshop

Concepts of Maitland mobilization for peripheral joints.

Home Assignments

1. Electro diagnosis.
2. Cerebral Palsy.
3. Theories of motor control and motor learning.
4. Higher function testing.
5. Cranial nerve examination.
6. Sensory system and motor system examination.
7. Kinetic and kinematics of gait.
8. Posture.

Dissertations-Approved

| Name | Register No | Topic |
|------------------------|-------------|--|
| BALAJI G | 27092005 | Effectiveness of The Scotson Technique in Improving the Sitting Balance in Patients with Cerebral Palsy |
| SABIYA. A | 27092006 | A Study on Effectiveness of Neuro Energetic Release Therapy for Stroke Patients to Improve Balance |
| JACKSON DANY.J | 27102005 | A Comparative study between Intensive Physiotherapy Versus conventional Physiotherapy in Children with Cerebral Palsy |
| NANTHAKUMAR.A | 27102006 | Comparative study between effectiveness of Treadmill training with partial body weight support and Physiotherapy Versus Treadmill Training in improving Gait ability of Hemiparatic Patients |
| MULLAIMATHI VADHANAM.C | 27112081 | A Comparative Study of Effectiveness of Mirror Box Therapy and Motor Relearning Program in Motor Recovery of Hand Related Functions in Sub Acute Stroke Patients. |
| M.RAMYA | 27112082 | A Study to Analyze the Effectiveness of Sensory Specific Balance in Improvement of Functional Balance after Acute Post Stroke Hemiparesis |
| SARUMATHI.K | 271220062 | A study to analysis the relationships between Visuospatial ability and hand function in normal individuals |

Dissertations-Submitted

| | | |
|-----------|-----------|--|
| BHARATH.K | 271220061 | “Effect of sitting balance training under varied sensory input for improving balance and activities of daily living in stroke patients- a comparative study” |
|-----------|-----------|--|

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

According to the university syllabus of The Tamil Nadu Dr M.G.R Medical University, Chennai. The Masters Degree in Physiotherapy (Advanced PT in Neurology) is a two year program consisting of classroom teaching, self academic activities and clinical postings. In the first year theoretical basis of fundamental Physiotherapy subjects are refreshed. In the second year, the students learn on the clinical conditions, physiotherapy assessment and advanced techniques in their specialty. During these two years, the students will be posted in their area of specialty. The learning program

includes seminars, journal reviews, case presentations, case discussions and classroom teaching. Some of the clinical postings are provided at other reputed centers in the country in order to offer a wider spectrum of experience. The students are encouraged to attend conference and workshop to enhance their knowledge during their entire course of the study. University examinations are held at the end of first and second year. To fulfill their course completion, the students are required to complete and submit their dissertation.

Monitoring the progress of studies

Maintenance of log book

Every post graduate shall maintain a record of skills (Log book) he /she has acquired during the two years training period certified by the various heads of the department where he/she has undergone training. The candidate is also required to participate in the teaching and training program for the Undergraduate students. In addition the Head of the department shall involve the post graduate students in seminars and journal, group discussions and participation in conferences. The Head of the department shall scrutinize the log book once in every three months. At the end of the course, the candidate should summarize the contents and get the log book certified by the Head of the department.

Periodic tests

The college may conduct periodic tests including written theory papers, practical and orals in the pattern of university examination. Records and marks obtained in such tests will be maintained by the Head of department and sent to the university, when called for.

Attendance requirements for admission to Examination

No candidate shall be permitted to appear for the examination unless he / she puts in 90% attendance during his/her period of study and training in the affiliated institutions recognized by this university and produces the necessary certificates of study attendance and progress from head of institution.

47. Highlight the participation of students and faculty in extension activities.

- The Students are highly participated in awareness Physiotherapy Rally on behalf of World Physiotherapy Day conducted by IAP Erode district branch
- The students have joined in the activities of YRC, and conducted various Physiotherapy awareness Camps, voluntary blood donation camps, etc
- The students and staff regularly visit the home for mentally disabled children, geriatric homes.

48. Give details of “beyond syllabus scholarly activities” of the department.

Our students are sent for sports injuries and first aid camps conducted in various institutions around erode and also sent in our sister institutions.

| Sl. No | Date | Event | Venue |
|--------|---------------|--|---|
| 1. | November 2012 | National level handball competition | Surya Engineering College, Mettu Kadai. |
| 2. | October 2013 | National level handball competition | Vidhya Mandhir College of Engineering, Chennimalai. |
| 3. | November 2013 | State Level Kabadi Competition | Nandha Arts And Science College, Koorapalayam |
| 4. | November 2013 | National level skating cricket competition | Nandha Central School, Koorapalayam. |

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

Nil

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The monthly subscription of journals, LAN connectivity available for, Article citations, References search recent trends in physiotherapy, Literature review and search.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

1. Academic programmes with unique curriculum
2. Dynamic, Young faculty guided by senior faculty with experience
3. Well placed Alumni
4. MoU's with Multispecialty hospital's
5. Good Interaction with other departments of the Institutions.
6. Research: The Department has significant contribution to medical and nursing research. The output from the department is satisfactory at present. Moreover, department participates in multi centre clinical studies.
7. New initiatives: The Department has launched several new initiatives in health.

Weakness

Non Availability of getting financial assistance from external sources.

Opportunities

1. Interdisciplinary programmes
2. New Initiatives
3. Establishing Biomedical Research Cell
4. Establishing Wellness Centre
5. Demands for jobs in abroad
6. Good employment opportunities.

Challenges

1. To improve the standard of UG and PG training to meet international level.
2. No. of Research Publications: One major challenge is to get publications in full swing. Students and faculty need to be encouraged to publish on a target. Contributions as chapters to books, or even writing monographs, textbooks and creative writing are also part of successful academic activity.
3. Collaboration with external agencies: Getting linkages with other agencies under the government or those under the non-governmental (NGO) sector remains a big challenge.
4. Declining supply of quality faculty, doctorates as well as exposing the teaching faculty to the Hospital scenario.

52. Future plans of the department.

1. To strengthen the existing Department.
2. To strengthen the existing Library
3. To start P.hd Programme in our department
4. To start a Paediatric Rehabilitation with day care facilities
5. To Start a Neuro Rehabilitation center with inpatient facilities.

**EVALUATIVE REPORT OF
THE DEPARTMENT OF CARDIO-RESPIRATORY**

1. Name of the Department:

Cardio-Respiratory Department.

2. Year of establishment:

June 2002

3. Is the Department part of a college/Faculty of the university?

Yes this department is the part of college.

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

M.P.T (Advanced physiotherapy in cardio-respiratory diseases), 2 Years.

5. Interdisciplinary programs and departments involved:

Nil

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Nil

7. Details of programs discontinued, if any, with reasons :

Nil

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System :

Annual Pattern.

9. Participation of the department in the courses offered by other departments:

Nil.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

| | Sanctioned | Filled | Actual (including CAS & MPS) |
|--------------------------------|------------|--------|------------------------------------|
| Professor | 1 | 1 | |
| Associate Professor/Reader | 1 | 1 | |
| Assistant Professor | 2 | 2 | |
| Lecturer | 1 | 0 | |
| Tutor / Clinical Instructor | 1 | 1 | |

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

| SL No | Name | Qualification | Designation | Specialization | No. of Years of Experience |
|-------|------------------------|---------------|---------------------|-----------------------------------|----------------------------|
| 1 | Mr. R. Saravana Kumar | M.P.T, | Professor | Advanced PT in cardio-respiratory | 7 years 4 months |
| 2 | Mrs. Subasri | M.P.T | Associate Professor | Advanced PT in cardio-respiratory | 6 years 5 months |
| 3 | Mrs. P.Selvi | M.P.T | Assistant Professor | Advanced PT in cardio-respiratory | 6 years 3 months |
| 4 | Mr. S. Kasiviswanathan | B.P.T | Assistant Professor | B.P.T | 15 years 9 months |
| 5 | Mrs. Swarnameenakshi | B.P.T | Clinical instructor | B.P.T | 4 years 7 months |

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

Senior Visiting Fellow:

Dr.N.Ganapathy, MBBS., MD., DCCM.

13. Percentage of classes taken by temporary faculty – program-wise information :

Nil

14. Program-wise Student Teacher Ratio:

UG: 1:9

PG: 1:3

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

| Staff | Sanctioned | Filled | Actual |
|------------------------|------------|--------|--------|
| Academic support staff | 1 | 1 | -- |
| Administrative staff | 1 | 1 | -- |

16. Research thrust areas as recognized by major funding agencies

Nil

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

Nil.

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

Nil

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

Nil

20. Research facility / centre with

- State recognition
- National recognition
- International recognition

Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

- * Number of papers published in peer reviewed journals (national / international)
- * Monographs
- * Chapters in Books
- * Books edited
- * Books with ISBN with details of publishers

| | | | |
|--|---|-------------------|--|
| Current trends in physical therapy for cardio respiratory diseases | Prof.R.Saravanakumar P. Selvi S.Subasri | 978-93-81830-54-3 | 2010/ Pallavi Publications S. India Pvt. Ltd, Erode. |
|--|---|-------------------|--|

- * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
- * Citation Index – range / average
- * SNIP
- * SJR
- * Impact Factor – range / average
- * h-index

23. Details of patents and income generated

Nil

24. Areas of consultancy and income generated

Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad.

Our staffs Mr. R.Saravana Kumar and Ms.P.selvi have been selected by the institution to visit Narayana Hirudhalaya Hospital, Hosur.

26. Faculty serving in

- a) **National committees** b) **International committees** c) **Editorial Boards** d) **any other**

- Mr. R.Saravana Kumar serves as a member of the Institutional Ethical committee in the editorial board.
- Mr. R.Saravana Kumar also serves as the President of the IQAC.

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

Many workshops /seminars have also been conducted in our college as a refresher course for our staff members and students.

| SI No | Date | Topic |
|-------|---------------------------|--|
| 1. | 23 rd Mar 2014 | PT management in acute myocardial infarction |
| 2. | 17 th Nov 2013 | CPR |
| 3. | 10 th Mar 2013 | Physical assessment of respiratory system |
| 4. | 25 th Nov 2012 | Absolute basics of mechanical ventilation |
| 5. | 22 nd Jan 2011 | Critical care in adult cardiac patients |

28. Student projects

- **Percentage of students who have taken up in-house projects including inter-departmental projects.**

| Batch | MPT(Cardio& respiratory Department) | BPT |
|---------|-------------------------------------|-------|
| 2013-14 | 100% | 12.5% |
| 2012-13 | 100% | 18% |
| 2011-12 | 100% | 9% |

- **percentage of students doing projects in collaboration with other universities / industry / institute**

Nil

29. Awards / recognitions received at the national and international level by

- **Faculty**
- **Doctoral / post doctoral fellows**
- **Students**

Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

| Sl. No | Date | Topic | Source of fund |
|--------|--------------------------------|--|-----------------|
| 1. | 23 rd March 2014 | PT management in acute myocardial infarction | Department fund |
| 2. | 17 th November 2013 | CPR | Department fund |
| 3. | 10 th March 2013 | Physical assessment of respiratory system | Department fund |
| 4. | 25 th November 2012 | Absolute basics of mechanical ventilation | Department fund |
| 5. | 22 nd January 2011 | Critical care in adult cardiac patients | Department fund |

31. Code of ethics for research followed by the departments

- To obey and follow the laws and regulations governing the practice of physical therapy in the country in which they practice
- To provide honest, competent and accountable professional services
- To provide quality services
- To be entitled to a just and fair level of remuneration for their services
- To provide accurate information to patients/clients.
- To inform other agencies and the community about physical therapy and the services physical therapists provide.
- To contribute to the planning and development of services which address the health needs of the community.
- To respect the rights and dignity of all individuals.

32. Student profile program-wise:

| Name of the Program (refer to question No. 4) | Applications received | Selected | | Pass percentage | |
|---|-----------------------|----------|--------|-----------------|--------|
| | | Male | Female | Male | Female |
| Advanced physiotherapy in cardio-respiratory diseases (2013-14) | 1 | 1 | 0 | - | - |
| Advanced physiotherapy in cardio-respiratory diseases (2012-13) | 2 | 0 | 2 | - | 50% |
| Advanced physiotherapy in cardio-respiratory diseases (2011-12) | 1 | 1 | 0 | 50% | - |
| Advanced physiotherapy in cardio-respiratory diseases (2010-11) | 2 | 0 | 2 | - | 100% |

33. Diversity of students

| Name of the Program (refer to question no. 4) | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|---|--|--|---|------------------------------------|
| Advanced physiotherapy in cardio-respiratory diseases (2013-14) | 100% | - | -- | -- |
| Advanced physiotherapy in cardio-respiratory diseases (2012-13) | 100% | -- | -- | -- |
| Advanced physiotherapy in cardio-respiratory diseases (2011-12) | 100% | -- | -- | -- |
| Advanced physiotherapy in cardio-respiratory diseases (2010-11) | 100% | -- | -- | -- |

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

Nil.

35. Student progression

| Student progression | Percentage against enrolled |
|---------------------------------|-----------------------------|
| UG to PG | |
| PG to M.Phil, DM / M Ch / DNB | |
| PG to Ph.D. | NIL |
| Ph.D. to Post-Doctoral | |
| Employed ➤ Campus selection | |
| ➤ Other than campus recruitment | 100% |
| Entrepreneurs | |

36. Diversity of staff

| Percentage of faculty who are graduates | |
|--|------|
| of the same university | 100% |
| from other universities within the State | NIL |
| from universities from other States | NIL |
| from universities outside the country | NIL |

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

Nil.

38. Present details of departmental infrastructural facilities with regard to

- a) Library : 1
- b) Internet facilities for staff and students : 2
- c) Total number of class rooms : 1
- d) Class rooms with ICT facility and ‘smart’ class rooms : 1
- e) Students’ laboratories : Nil
- f) Research laboratories : Nil

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

a) From the host institution/university

Nil

b) From other institutions/universities

Nil

40. Number of post graduate students getting financial assistance from the university.

Nil

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

Nil

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

The faculty takes the feedback on the curriculum and the department head takes into notice the views of the staffs and their suggestions are taken into consideration.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

The students fill the feedback form which is maintained by the college on each staff according to the subjects/topics taken by them on a quarterly basis.

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

The alumni interact with the students with the help of the alumni interaction programmes organized by the college. They participate in activities conducted through CPE. Their suggestions are considered and changes are made in the institution.

43. List the distinguished alumni of the department (maximum 10)

| Sl. No | Name | Year of pass out | Present Location |
|--------|--------------------|------------------|------------------|
| 1. | Mrs. P. Anbu selvi | 2014 | Vellore |
| 2. | Mrs. A. Subasri | 2007 | Erode |
| 3. | Mrs. Durgadevi | 2012 | Australia |
| 4. | Mr. Kannan | 2010 | Erode |
| 5. | Mrs. Niranjana | 2012 | Chennai |
| 6. | Mrs. Malathi | 2011 | Kuwait |
| 7. | Mr. Prakash | 2011 | Erode |

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

| Sl. No | Date | Topic | Resource Person |
|--------|---------------------------|--|--------------------------------------|
| 1. | 23 rd Mar 2014 | PT management in acute myocardial infarction | Mr. R.Saravana Kumar Mrs. P.Selvi |
| 2. | 17 th Nov 2013 | CPR | Mrs. Sheba Francisco |
| 3. | 10 th Mar 2013 | Physical assessment of respiratory system | Mr. A. Saravanan |
| 4. | 25 th Nov 2012 | Absolute basics of mechanical ventilation | Mr. R.Saravana Kumar |
| 5. | 22 nd Jan 2011 | Critical care in adult cardiac patients | Dr S.Vijendran |

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

I YEAR

| Method | Topics |
|---------------------|--|
| Lecture methods | 1. Principles of injury prevention. 2. Muscle training and conditioning programme. 3. Principles of injury prevention. |
| PPT | 1. Manual therapy: soft tissue manipulation and mobilization, manual mobilization and acupressure. 2. Proprioceptive Neuromuscular Techniques (PNF). 3. Electrical stimulation and biofeedback procedures. |
| Chair side teaching | Analysis and classification of sports and sports specific injuries and its management. |
| Hands on experience | 1. Myofascial release technique. 2. Neural tissue mobilization. 3. Core exercises: pilates, Swiss ball, stabilization exercises. |
| Seminars | 1. Assessment of physical fitness. 2. Stretching. 3. Biomechanics of gait 4. Normal posture |
| Case discussions | All cases combined with orthopedic , neurological and cardio respiratory conditions |
| Journal discussions | Journals taken from: 1.JOSPT 2.Journal Of Athletic Training |
| Home assignments | 1. Muscle energy techniques. 2. Sports and exercise physiology. 3. Biomechanics and pathomechanics of all joints. 4. Applied anatomy and physiology of musculoskeletal system. 5. Basic exercise physiology: responses of exercise on cardiovascular, respiratory, musculoskeletal and central nervous system. |
| Field visits | 1. Obesity screening. 2. Ergonomic postural problems. |
| logbooks | Maintaining PG logbooks. |

II YEAR

| Method | Topics |
|---------------------|---|
| Lecture methods | <ol style="list-style-type: none"> 1. Physiology of microcirculation and edema 2. Body positioning and various systemic changes 3. Respiratory muscle physiology, fatigue and training 4. Normal and abnormal responses of Cardiovascular & Pulmonary System during exercise 5. Breathing mechanism in normal and diseased. 6. Exercise Prescription for health promotion and fitness for special populations- DM, Obesity, IHD, COPD, HTN 7. C.B.R in Cardio-vascular and respiratory conditions. 8. Recent advances in Cardio respiratory physiotherapy. |
| PPT | <ol style="list-style-type: none"> 1. ABG analysis 2. Spirometry 3. Chest x-rays 4. Diagnosis of CAD 5. PFT 6. General chest evaluation 7. Pulmonary rehabilitation 8. Cardiac rehabilitation 9. Chest physiotherapy in ICU 10. Exercise prescription for diabetes mellitus, obesity and hypertension 11. Humidification 12. Nebulization 13. Aerosol delivery 14. Mechanical ventilation (Invasive, Non Invasive) 15. Airways 16. Tracheostomy care 17. Suction 18. Manual hyper inflation 19. Lung expansion therapies |
| Chair side teaching | <ol style="list-style-type: none"> 1. Article review on COPD 2. Exercise prescription and planning for high risk cardiac patient 3. Ergonomic aspects of respiratory biomechanics 4. Cardio pulmonary activity performance 5. Measures and precautions for chest physiotherapy |
| Hands on experience | <ol style="list-style-type: none"> 1. 1.Body positioning techniques 2. Relaxation techniques 3. Breathing exercises 4. Breathing re-education techniques 5. Advanced airway clearance techniques 6. Facilitating ventilatory patterns and breathing strategies |
| Seminars | <ol style="list-style-type: none"> 1. COPD 2. Biomechanics of respiration 3. Biomechanics of circulation 4. Physiotherapy Management after Surgery 5. Life-style modifications |

| | |
|------------------|---|
| Case discussions | <p>Medical cases-</p> <ol style="list-style-type: none"> 1. Bronchitis 2. Asthma 3. Myocardial infarction 4. Pneumonia 5. Varicose veins 6. Peripheral ulcers 7. Burgers disease 8. wound healing <p>Surgical cases-</p> <ol style="list-style-type: none"> 1. CABG 2. Embolectomy 3. Lung surgeries 4. Upper abdominal and lower abdominal surgeries |
| Home assignments | <ol style="list-style-type: none"> 1. Anatomy, physiology, biomechanics, pathomechanics & applied anatomy related to Cardiovascular & Pulmonary System 2. Development of the Cardio Vascular, Pulmonary systems and deviations from the normal development. 3. Age related changes in Cardiovascular & Pulmonary System |
| Field visits | <ol style="list-style-type: none"> 1. Cardio-pulmonary fitness training and disability evaluation 2. To communities to create awareness on cardio respiratory problems and symptom identification 3. To schools to screen pollution related problems 4. To companies to screen obesity |
| Log books | Maintaining PG logbooks |

Dissertations (Approved)

| Sl. No | Name | Dept | Register No | Topic |
|--------|-----------------|--------|-------------|--|
| 1. | Mrs. Malathi T | Cardio | 27092007 | Efficacy of Visceral Manipulation on Abnormal Pattern of Breathing in Asthmatic Patients |
| 2. | Mr. Prakash A | Cardio | 27092008 | Beneficial Effects of inspiratory Muscle Training for Reducing Dyspnoea and Improving Exercise Capacity in Patients with Advanced Congestive Heart Failure (CHF) |
| 3. | Ms Durga Devi.J | Cardio | 27102007 | Effects of Circuit Resistance Training (CRT) for Cardio Respiratory Health & Fitness in persons with Paraplegia due to High Thoracic Spinal Cord Injury |

| | | | | |
|----|-------------------------|--------|-----------|---|
| 4. | Mrs. P.Selvi | Cardio | 27102008 | A Comparative Study of Effectiveness of Feldenkrais Breathing Exercises Vs Conventional Therapy for Improving Quality of Life in Chronic Obstructive Pulmonary Disease Patients |
| 5. | Mr. S.Sri Ramagadatcham | Cardio | 27113082 | Effect of Supported Arm Training on Muscle endurance, Exertional Dyspnoea and Muscle Fatigue in Patients recently weaned from Mechanical Ventilation. |
| 6. | Mrs. Anbu Selvi.J | Cardio | 271230081 | Influence of age on Pulmonary function tests |
| 7. | Ms Lakshmi Priya.P | Cardio | 271230082 | Combined effects of Eltgot and flutter VRPI on the dynamic and static pulmonary volumes and on the secretion clearance of patients with bronchiectasis. |

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

According to the university syllabus of The Tamil Nadu Dr M.G.R Medical University, Chennai, the Master Degree in Physiotherapy (Advanced PT in cardio respiratory diseases) is a two year program consisting of classroom teaching, self academic activities and clinical postings.

In the first year theoretical basis of fundamental Physiotherapy subjects are refreshed. In the second year, the students learn on the clinical conditions, physiotherapy assessment and advanced techniques in their specialty. During these two years, the students will be posted in their area of specialty.

The learning program includes seminars, journal reviews, case presentations, case discussions, clinical training and classroom teaching. Some of the clinical postings are provided at other reputed centers in the country in order to offer a wider spectrum of experience.

The students are encouraged to attend conference and workshop to enhance their knowledge during their entire course of the study. University examinations are held at the end of first and second year. To fulfill their course completion, the students are required to complete and submit their dissertation.

MONITORING THE PROGRESS OF STUDIES

Maintenance of Log Book

Every post graduate shall maintain a record of skills (Log book) he/she has acquired during the two years training period certified by the various heads of the department where he/she has undergone training. The candidate is also required to participate in the teaching and training program for the Undergraduate students.

In addition the Head of the department shall involve the post graduate students in seminars and journal, group discussions and participation in

conferences. The Head of the department shall scrutinize the log book once in every three months. At the end of the course, the candidate should summarize the contents and get the log book certified by the Head of the department.

Periodic tests

The college may conduct periodic tests including written theory papers, practical and orals in the pattern of university examination. Records and marks obtained in such tests will be maintained by the Head of department and sent to the university, when called for.

Attendance requirements for admission to examination

No candidate shall be permitted to appear for the examination unless he/she puts in 90% attendance during his/her period of study and training in the affiliated institutions recognized by this university and produces the necessary certificates of study attendance and progress from head of institution.

47. Highlight the participation of students and faculty in extension activities.

Our Department takes part in organizing Youth Red Cross, Woman Development Cell and Eco-club activities.

48. Give details of “beyond syllabus scholarly activities” of the department.

Nil

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

Nil

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The monthly subscription of journals, LAN connectivity available, Article citations, References search recent trends in physiotherapy, Literature review.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- Faculty members are good in teaching, research and extension services.
- The faculty has done an exceptional job in a variety programmes in non – formal education, health improvement, hospital and research/ practice
- Good Library
- Student Activity and Alumni

Weaknesses

- Interdisciplinary studies
- Thrust of Research
- Our students depend on other Hospitals around Erode for clinical exposure.

Opportunities

- Better Job opportunities with increased chances for foreign job opportunities
- Can work in cardiac rehabilitation centres, Fitness, Intensive care units in multispecialty hospitals

Challenges

- To become more pluralistic
- Identifying areas of research
- No. of Research Publications: One major challenge is to get publications in full swing. Students and faculty need to be encouraged to publish on a target. Contributions as chapters to books, or even writing monographs, textbooks and creative writing are also part of successful academic activity.

The above lists give a comprehensive list of the SWOC analysis of the cardiopulmonary department.

52. Future plans of the department.

The establishment of a Pulmonary and Cardiac rehabilitation centre.

To strengthen the existing Library.

To start P.hd Programme in our department.

**EVALUATIVE REPORT OF
THE DEPARTMENT OF SPORTS & MUSCULOSKELETAL**

1. Name of the Department:

Sports and Musculoskeletal Department.

2. Year of establishment:

June 2002

3. Is the Department part of a college/Faculty of the university?

Yes this department is the part of college.

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

M.P.T (Sports physiotherapy), 2 Years.

5. Interdisciplinary programs and departments involved:

Nil

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Nil

7. Details of programs discontinued, if any, with reasons :

Nil

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System :

Annual Pattern.

9. Participation of the department in the courses offered by other departments:

Nil

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

| | Sanctioned | Filled | Actual (including CAS & MPS) |
|-----------------------------|------------|--------|------------------------------|
| Professor | 1 | 0 | |
| Associate Professor/Reader | 1 | 1 | |
| Assistant Professor | 2 | 3 | |
| Lecturer | 1 | 0 | |
| Tutor / Clinical Instructor | 1 | 1 | |

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

| Sl. No | Name | Qualification | Designation | Specialization | No. of Years of Experience |
|--------|------------------------|------------------|---------------------|-----------------------------|----------------------------|
| 1 | Mr.T.Loganathan | M.P.T,PGDHA , | Assistant Professor | Sports physiotherapy | 5 |
| 2 | Mr.M.Palaniappan | M.P.T | Assistant Professor | Sports physiotherapy | 3 |
| 3 | Ms. Pradeepa Surendran | M.P.T | Assistant Professor | Advanced PT in Orthopaedics | 1 |
| 4 | Ms. Shakitha.A | M.P.T | Assistant Professor | Advanced PT in Orthopaedics | 1 |
| 5 | Mrs. V.Devi | B.P.T | Tutor | B.P.T | 5 |

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

Senior Visiting Fellow:

Dr. Kannabiran, PhD, Coimbatore.

13. Percentage of classes taken by temporary faculty – program-wise information :

Nil

14. Program-wise Student Teacher Ratio:

UG : 9:1

PG : 3:1

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

| Staff | Sanctioned | Filled | Actual |
|------------------------|-------------------|---------------|---------------|
| Academic support staff | 1 | 1 | -- |
| Administrative staff | 1 | 1 | -- |

16. Research thrust areas as recognized by major funding agencies

Nil

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

Nil

18. Inter-institutional collaborative projects and associated grants received

a. National collaboration b) International collaboration

Nil

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

Nil

20. Research facility / centre with

- **State Recognition**
- **National Recognition**
- **International Recognition**

Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

- * **Number of papers published in peer reviewed journals (national / international)**

One Paper.

Paper published in **International Congress on Renaissance in Sports** on “**Sports Trauma and Overuse Prevention**” by Mr.T.Loganathan and Mrs. .V.Devi. (29th & 30th august 2014).
(ISBN No: 978-81-908942-2-7)

- * **Monographs**
- * **Chapters in Books**
- * **Books edited**

*** Books with ISBN with details of publishers**

| | | | |
|--|----------------------------------|-------------------|--|
| Tips for electrotherapy for physiotherapists | Asst.Prof.T.Loganathan V.Devi | 978-93-81830-76-5 | 2014/Kongu Nadu Publications India Pvt. Ltd Erode. |
| Evidence based practice in physiotherapy | A.Sabiya Pradeepa Surendran | 978-81-908915-1-6 | 2012/Power Stone Publications, Chennai. |

- * **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)**
- * **Citation Index – range / average**
- * **SNIP**
- * **SJR**
- * **Impact Factor – range / average**
- * **h-index**

23.Details of patents and income generated

Nil

24.Areas of consultancy and income generated

Nil

25.Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad.

Our staffs Mr. T.Loganathan and Mr. M.Palaniyappan have been selected by the institution to visit Ortho One Hospital, Coimbatore and SPARRC Institute, Chennai.

26.Faculty serving in

a. National committees b) International committees c) Editorial Boards d) any other

- Mr. T.Loganathan serves as a member of Editorial board in the Institutional Ethical committee.
- Mr. T.Loganathan also serves as the vice president of the college alumni.

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

The institution sends its faculty for State and National level conferences for updating the knowledge.

| Sl. No | Date | Workshops/seminars | Venue |
|--------|--|--|------------------------------|
| 1. | June 2012 | Course on spine therapy | Ganga Hospital Coimbatore. |
| 2. | 15 th to 17 th march 2013 | Indian Association of Sports Medicine conference on “sports rehabilitation”. | Ganga Hospital Coimbatore. |
| 3. | 18 th & 19 th October 2013 | Stride ‘13 | Saveetha University, Chennai |
| 4. | 30 th Nov 2013 | National conference on traumatic brain injury. | KMCH Hospital, Coimbatore. |
| 5. | 2 nd march 2014 | Orthotics & prosthesis in shoulder & knee rehab | SITRA, Coimbatore. |
| 6. | 22 nd June 2014 | Operative Knee Course | Ortho One, Coimbatore |
| 7. | 29 th & 30 th August 2014 | International Congress On Renaissance In Sports | National college, Trichy |

Many Workshops /Seminars have also been conducted in our college as a refresher course for our staff and students.

| Sl. No | Date | Topic |
|--------|---|-------------------------------|
| 1. | 24 th January 2014 | Athletic Taping Techniques |
| 2. | 11 th -12 th April 2014 | Workshop on stretches |
| 3. | 4 th January 2013 | Reiki healing |
| 4. | 26 th April 2013 | Myofascial Release Technique |
| 5. | 20 th -21 st April 2012 | Health and fitness instructor |
| 6. | 28 th January 2011 | Swiss Ball Exercises |

28. Student projects

- **Percentage of students who have taken up in-house projects including inter-departmental projects.**

| Batch | MPT(Sports Physiotherapy) | BPT |
|---------|---------------------------|-----|
| 2013-14 | 100% | 25% |
| 2012-13 | 100% | 18% |
| 2011-12 | 100% | 9% |

- **percentage of students doing projects in collaboration with other universities / industry / institute**

Nil

29. Awards / recognitions received at the national and international level by

- **Faculty**
- **Doctoral / post doctoral fellows**
- **Students**

NIL

30.Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

| Sl. No | Date | Topic | Source of fund |
|--------|---|-------------------------------|-----------------|
| 1. | 24 th January 2014 | Athletic Taping | Department fund |
| 2. | 11 th -12 th April 2014 | Workshop on stretches | Department fund |
| 3. | 4 th January 2013 | Reiki healing | Department fund |
| 4. | 26 th April 2013 | Myofascial Release Technique | Department fund |
| 5. | 20 th -21 st April 2012 | Health and fitness instructor | Department fund |
| 6. | 28 th January 2011 | Swiss Ball Exercises | Department fund |

31.Code of ethics for research followed by the departments

- To respect the rights and dignity of all individuals.
- To comply with the laws and regulations governing the practice of physical therapy in the country in which they practice
- To accept responsibility for the exercise of sound judgment.
- To provide honest, competent and accountable professional services
- To provide quality services
- To be entitled to a just and fair level of remuneration for their services
- To provide accurate information to patients/clients, to other agencies and the community about physical therapy and the services physical therapists provide
- To contribute to the planning and development of services which address the health needs of the community.

32.Student profile program-wise:

| Name of the Program (refer to question No. 4) | Applications received | Selected | | Pass percentage | |
|--|-----------------------|----------|--------|-----------------|--------|
| | | Male | Female | Male | Female |
| Sports physiotherapy (2013-14) | 2 | 1 | 1 | -- | -- |
| Sports physiotherapy (2012-13) | 2 | 2 | 0 | 50% | - |
| Sports physiotherapy (2011-12) | 2 | 1 | 1 | 100% | 100% |
| Sports physiotherapy (2010-11) | 2 | 2 | 0 | 100% | - |

33.Diversity of students

| Name of the Program (refer to question No. 4) | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|--|--|--|---|------------------------------------|
| Sports Physiotherapy (2013-14) | 100% | - | -- | -- |
| Sports Physiotherapy (2012-13) | 100% | -- | -- | -- |
| Sports Physiotherapy (2011-12) | 100% | -- | -- | -- |
| Sports Physiotherapy (2010-11) | 100% | -- | -- | -- |

34.How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

Nil

35.Student progression

| Student progression | Percentage against enrolled |
|---|-----------------------------|
| UG to PG | |
| PG to M.Phil, DM / M Ch / DNB | |
| PG to Ph.D. | NIL |
| Ph.D. to Post-Doctoral | |
| Employed in Campus selection | |
| Employed in Other than campus recruitment | 100% |
| Entrepreneurs | |

36.Diversity of staff

| Percentage of faculty who are graduates | |
|--|-----|
| of the same university | 80% |
| from other universities within the State | 20% |
| from universities from other States | NIL |
| from universities outside the country | NIL |

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

Nil

38.Present details of departmental infrastructural facilities with regard to

| | | |
|--|---|-----|
| a) Library | : | 1 |
| b) Internet facilities for staff and students | : | 2 |
| c) Total number of class rooms | : | 1 |
| d) Class rooms with ICT facility and ‘smart’ class rooms | : | 1 |
| e) Students’ laboratories | : | NIL |
| f) Research laboratories | : | NIL |

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

a. From the host institution/university

Nil

b) From other institutions/universities

Nil

40.Number of post graduate students getting financial assistance from the university.

Nil

41.Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

Nil

42.Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

The students give the feedback on the curriculum to the staff members and the staff members hand it over to the principal which in turn the principal discusses with the university and makes the necessary changes.

b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

The students fill the feedback form on the staff which is maintained by the principal on each staff according to the subjects/topics taken by them on a quarterly basis and he discusses with the particular staff and rectifies incase of any issues.

c) Alumni and employers on the programs offered and how does the department utilize the feedback?

The alumni interact with the students with the help of the Alumni Interaction Programmes organized by the college and they express their views. They also participate in activities conducted through CPE. Their suggestions are informed to the management and the institution makes the changes possible.

43. List the distinguished alumni of the department (maximum 10)

| Sl.no | Name | Year of pass out | Present Location |
|-------|-----------------------|------------------|-------------------------|
| 1. | Vijay.p | April 2014 | Private Clinic, Erode |
| 2. | Huidrom Nirupama Devi | April 2013 | Private Clinic, Manipur |
| 3. | Sakthivel.P | April 2013 | Private Clinic, Chennai |
| 4. | Unnikrishnan .R | April 2012 | Private Clinic , Kerala |
| 5. | Vijayaperumal.M | April 2012 | Fitness One, Tirupur |
| 6. | Periasamy.p | April 2010 | RECOUP, Bangalore |
| 7. | Vetrivel .C | April 2008 | Govt Hospital, Kangeyam |
| 8. | Elanthamizhan.C.S | April 2006 | Senior Physio, UAE |
| 9. | Manikandan.R | April 2006 | Senior Physio, Malaysia |

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

| Sl. No | Date | Topic | Resource Person |
|--------|---|-------------------------------|---------------------|
| 1. | 24 th January 2014 | Athletic Taping | Dr.Kannabiran |
| 2. | 11 th -12 th April 2014 | Workshop on stretches | Mr. Suresh Franklin |
| 3. | 4 th January 2013 | Reiki healing | Mr.Anand |
| 4. | 26 th April 2013 | Myofascial Release Technique | Mr.Muthukumaran |
| 5. | 20 th -21 st April 2012 | Health and fitness instructor | Mr. Suresh Franklin |
| 6. | 28 th January 2011 | Swiss Ball Exercises | Mr.T.Sathiya Selvam |

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

I YEAR

| Method | Topics |
|---------------------|--|
| Lecture methods | 1. Principles of injury & its prevention. 2. Muscle training and conditioning programme. 3. Biomechanics of sports of injuries. |
| PPT | 1. Manual therapy: soft tissue manipulation and mobilization, Myofascial release techniques and acupressure. 2. Proprioceptive Neuromuscular Techniques (PNF). 3. Electrical stimulation and EMG biofeedback procedures. |
| Chair side teaching | Analysis and classification of sports and sports specific injuries and its management. |
| Hands on experience | 1. Myofascial release technique. 2. Neural tissue mobilization. 3. Core exercises: pilates, Swiss ball, stabilization exercises. 4. Sports Specific Stretching's. |

| | |
|---------------------|---|
| Seminars | <ol style="list-style-type: none"> 1. Assessment of physical fitness. 2. Stretching. 3. Biomechanics of gait 4. Normal posture. |
| Case discussions | All cases combined with sports, orthopedic , neurological and cardio respiratory conditions. |
| Journal discussions | <p>Journals taken from:</p> <ol style="list-style-type: none"> 1. Indian Journal. of Ancient Medicine & Yoga. 2. Indian Journal of Medical Research. 3. Indian Journal of Sports and Health education. 4. Indian Journal of Physical Therapy. 5. Indian Journal of Physiotherapy and Occupational therapy. 6. Physiotherapy and Occupational therapy Journal. 7. Physical therapy Journal / (APTA, America). |
| Home assignments | <ol style="list-style-type: none"> 1. Muscle energy techniques. 2. Sports and exercise physiology. 3. Biomechanics and pathomechanics of all joints. 4. Applied anatomy and physiology of musculoskeletal system. 5. Basic exercise physiology: responses of exercise on cardiovascular, respiratory, musculoskeletal and central nervous system. |
| Field visits | <ol style="list-style-type: none"> 1. Obesity screening. 2. Ergonomic postural problems. 3. Sports first aid camps. |
| logbooks | Maintaining PG logbooks. |

II YEAR

| Method | Topics |
|---------------------|---|
| Lecture methods | <ol style="list-style-type: none"> 1. Management of sports injuries and sports fitness. 2. Medico-legal issues in sports psychology, sports nutrition and sports pharmacology. 3. Plyometric training. 4. Physiotherapy intervention for injuries related to various sports: volley ball, football, throw ball, swimming and basketball. 5. Core exercises: pilates, Swiss ball, stabilization exercises. |
| PPT | <ol style="list-style-type: none"> 1. Physiotherapy management of locomotor disorder, principles of medical and surgical aspects, psychology and retraining. 2. Physiotherapist following arthroplasty, implants, and soft tissue repair 3. Injuries of skeletally immature athletes, female athletes and differently abled. 4. Proprioception Training. 5. Eccentric muscle training. 6. Pre and post operative physiotherapy in tendon transfer |
| Chair side teaching | On field Athletic emergency care and first aid. |
| Hands on experience | <ol style="list-style-type: none"> 1. Management of sports injuries and sports fitness 2. Soft tissue and sports massage. 3. Sports taping and wrapping. 4. Treatment programmes and protocols for preventive exercises, conditioning exercises, taping and wrapping techniques. |

| | |
|---------------------|--|
| Seminars | <ol style="list-style-type: none"> 1. Assessment of sports injury. 2. Mechanism of sports injury. 3. Ergonomics in sports. 4. Pre Participation Evaluation. |
| Case discussions | <p>Major cases of injuries occurred due to any sports activity and how to rehabilitate them.</p> <p>Meeting the criteria to return sports as soon.</p> |
| Journal discussions | <p>Journals taken from:</p> <ol style="list-style-type: none"> 1.JOSPT 2. Journal Of Athletic Training. 3. Journal of Undergraduate Kinesiological Research. 4. Physiotherapy Canada. 5. Sports Medicine. 6. DELNET ONLINE JOURNALS. |
| Home assignments | <ol style="list-style-type: none"> 1. Taping Techniques. 2. Basic science and Injury of muscle, tendon and ligament. |
| Field visits | <ol style="list-style-type: none"> 1. Physical fitness screening. 2. Fitness programming for healthy adults and special population. 3. Sports first aid camps. |
| logbooks | Maintaining PG logbooks. |

Dissertations (Accepted)

| Name | Department | Register no | Topic |
|---------------------------|-------------------|--------------------|--|
| M.Palaniyappan. M | Sports | 27092010 | The Effectiveness of Maitland Manipulation with Conventional Physiotherapy for the Management of Athletes with Athletic Pubalgia |
| Mr.Unnikrishnan.R | Sports | 27102009 | Bilateral Asymmetries in Flexibility Strength and Muscle Endurance Associated with Preferred and Non Preferred Leg. |
| Mr. Vijayaperumal.M | Sports | 27102010 | An Inspective Interpretation of Cardio Respiratory Endurance among Smokers and Non Smokers in College Level Sportsmen. |
| Ms. Huidrom Nirupama Devi | Sports | 27115081 | The Effectiveness of Combined Plyometric and Strength Training Compared to Traditional Strength Training Program on Athletic Performance |
| Mr.Sakthivel.P | Sports | 27115082 | The Effectiveness of Kinesio Taping on Pain and Throwing Accuracy Following Shoulder Impingement Syndrome in Elite Male Cricketers. |

| | | | |
|---------------------------|--------|-----------|---|
| Mr.Pandurenga Padmanabhan | Sports | 271250081 | Efficacy of High intensity training with a Bi-Directional Bicycle pedal in ankle sprain among sports athlete of age group between 15 to 25 years. |
| Mr.Vijay.P | Sports | 271250082 | Effects of prior Bouts of Eccentric muscle training on severity of exercise induced muscle damage. |

46.How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

According to the university syllabus of The Tamil Nadu Dr M.G.R Medical University, Chennai, the Master Degree in Physiotherapy (SPORTS PHYSIOTHERAPY) is a two year program consisting of classroom teaching, self academic activities and clinical postings.

In the first year theoretical basis of fundamental Physiotherapy subjects are refreshed. In the second year, the students learn on the clinical conditions, physiotherapy assessment and advanced techniques in their specialty. During these two years, the students will be posted in their area of specialty.

The learning program includes seminars, journal reviews, case presentations, case discussions, clinical training and classroom teaching. Some of the clinical postings are provided at other reputed centers in the country in order to offer a wider spectrum of experience.

The students are encouraged to attend conference and workshop to enhance their knowledge during their entire course of the study. University examinations are held at the end of first and second year. To fulfill their course completion, the students are required to complete and submit their dissertation.

MONITORING THE PROGRESS OF STUDIES

Maintenance of Log Book

Every post graduate shall maintain a record of skills (Log book) he/she has acquired during the two years training period certified by the various heads of the department where he/she has undergone training. The candidate is also required to participate in the teaching and training program for the Undergraduate students.

In addition the Head of the department shall involve the post graduate students in seminars and journal, group discussions and participation in conferences. The Head of the department shall scrutinize the log book once in every three months. At the end of the course, the candidate should summarize the contents and get the log book certified by the Head of the department.

Periodic tests

The college may conduct periodic tests including written theory papers, practical and orals in the pattern of university examination. Records and marks obtained in such tests will be maintained by the Head of department and sent to the university, when called for.

Attendance requirements for admission to examination

No candidate shall be permitted to appear for the examination unless he/she puts in 90% attendance during his/her period of study and training in the affiliated institutions recognized by this university and produces the necessary certificates of study attendance and progress from head of institution.

47. Highlight the participation of students and faculty in extension activities.

Our Department takes part in organizing Youth Red Cross, Woman Development Cell and Eco-club activities.

48. Give details of “beyond syllabus scholarly activities” of the department.

Our students are sent for sports injuries and first aid camps conducted in various institutions around Erode and also sent in our sister institutions.

| Sl. No | Date | Event | Venue |
|--------|---------------|--|---|
| 1. | November 2012 | National level handball competition | Surya Engineering College, Mettu Kadai. |
| 2. | October 2013 | National level handball competition | Vidhya Mandhir College of Engineering, Chennimalai. |
| 3. | November 2013 | State Level Kabadi Competition | Nandha Arts And Science College, Koorapalayam |
| 4. | November 2013 | National level skating cricket competition | Nandha Central School, Koorapalayam. |

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

Nil

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The monthly subscription of journals, LAN connectivity available, Article citations, References search recent trends in physiotherapy and Literature review.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**Strengths**

- Faculty members are good in teaching, research and extension services.
- The faculty has done an exceptional job in a variety programmes in non – formal education, health improvement, hospital and research/ practice.
- Spacious class rooms
- Good Library
- The department has earned a strong reputation by having organized a number of programmes very successfully at community level and inter-college level
- Student Activity and Alumni.

Weaknesses

- Interdisciplinary studies
- Less chance to participate in national & international sports team.
- Thrust of Research

Opportunities

- Better Job opportunities with increased chances for foreign job opportunities.
- Getting chance to work with any sports team as a sports physiotherapist.
- More job openings in fitness centers.

Challenges

- To become more pluralistic.
- Identifying areas of research.
- No. of Research Publications: One major challenge is to get publications in full swing. Students and faculty need to be encouraged to publish on a target.
- Contributions as chapters to books, or even writing monographs, textbooks and creative writing are also part of successful academic activity.

The above lists give a comprehensive list of the SWOC analysis of the sports department.

52.Future plans of the department.

To establish of a fully furnished fitness and sports rehabilitation centre.

To strengthen the existing Library.

To start P.hd Programmee in our department.